CITY OF REDLANDS
CITY COUNCIL
SUCCESSOR AGENCY

A G E N D A S

JUNE 7, 2022

PAUL BARICH
Mayor

EDDIE TEJEDA
Mayor Pro Tempore

DENISE DAVIS
Council Member

JENNA GUZMAN-LOWERY
Council Member

MICK GALLAGHER
Council Member

***

JEANNE DONALDSON
City Clerk

ROBERT DAWES
City Treasurer

CHARLES M. DUGGAN JR.
City Manager

YVETTE M. ABICH GARCIA
City Attorney

5:00 p.m. Open Public Meeting, Public Comment (Closed Session)
6:00 p.m. Open Session (Public Meeting)
* * *
City Council Chambers
Civic Center, 35 Cajon Street, Redlands, California

A G E N D A

The following information comprises the agenda for the regular meetings of the City Council of the City of Redlands and the Board of Directors of the Successor Agency of the former Redevelopment Agency of the City of Redlands at the times noted below in the City Council Chambers, Civic Center, 35 Cajon Street, Redlands, California, on:

TUESDAY, JUNE 7, 2022

To join via Zoom on a computer, laptop, or smart device
Please visit www.zoom.us, click on *Join a Meeting*
Enter the **Meeting ID 824 4618 0187**, then run the Zoom launcher

To join via Zoom with audio only (cell phone or landline):
Dial **1-877-853-5247**
Enter the **Meeting ID 824 4618 0187**
Should the City lose connectivity on Zoom, we will halt the meeting until it can be restored. To check on the status of remote connectivity in the event of an outage, go to the City's website at www.cityofredlands.org or to the City's Facebook page at @CityofRedlands or the Instagram page at @CityofRedlands_CityHall.
In the event the City cannot reestablish Zoom connectivity in a reasonable amount of time, the mayor will adjourn the meeting to a future date.

Anyone desiring to speak on an agendized item at this meeting may do so during the consideration of that item. Due to time constraints and the number of persons who may wish to give oral testimony, public comments will be limited to three (3) minutes.

- **To provide comment while participating from Council Chambers:**
  - Although it is not required, speakers are encouraged to submit a "Speaker Sign Up Sheet" before the meeting is convened. Forms are available in the Office of the City Clerk or in Council Chambers.
  - After the meeting has convened, you may place the speaker form in the basket at the table along the north wall of the Chambers. Please do not disturb the City Clerk while the meeting is in progress.
- **To provide comment through Zoom (on a computer, laptop, or smart device)**:
  - Click the "Raise Hand" button and the moderator will unmute you when it is your turn to speak
- **To provide comment via audio only (cell phone or landline)**:
  - Dial *9 to "Raise Hand". The moderator will identify you by your area code and last 3 numbers of your telephone number when it is your turn to speak.



PLEASE SILENCE CELL PHONES, PAGERS AND OTHER ELECTRONIC COMMUNICATION DEVICES UPON ENTERING THE CHAMBERS

5:00 P.M.

A. **Call City Council Meeting to Order**

B. **Public Comment**
(Any person wishing to provide public comment on a closed session matter may do so at this time.)

C. **Recess City Council Meeting to a Closed Session**

1. Conference with legal counsel: Anticipated Litigation - Government Code §54956.9(d)(2)(e)(3)
(Assistant City Manager McConnell)
One Case:

   a. Facts and circumstances: Consideration of a workers' compensation claim of Daniel Figgins

6:00 P.M.

D. **Reconvene City Council Meeting**

E. ***Invocation by Mayor Pro Tem Tejeda - Pledge of Allegiance***
(In keeping with long-standing traditions of legislative invocations, this City Council meeting may include a brief invocation. Such invocations are not intended to proselytize or advance any one, or to disparage any other, faith or belief. Neither the City nor the City Council endorses any particular religious belief or form of invocation.)

F. **Closed Session Report**
(No reportable action taken in closed session unless otherwise announced by the City Attorney at this time.)

G. **Presentations**

1. Presentation of Proclamation in Recognition of 53rd Anniversary of the Stonewall Uprising and Pride Month to Yulissa Mendoza of the Artlands (Council Member Davis)

2. Presentation to the City of Redlands in recognition of The SoulCal Music, Food & Culture Festival held September 4, 2021, at the Redlands Bowl (Mayor Barich)

H. **Public Comments - City Council**
(At this time, the City Council will provide an opportunity for the public to address them on any subject, within the jurisdiction of the City Council, which is not already scheduled on this agenda. However, any matter that requires action will be referred to staff for a report and possible action at a subsequent meeting. Comments will be limited to three {3} minutes.)

I. **Consent Calendar**
(The following routine items have been recommended for approval and will be acted upon simultaneously unless separate discussion and/or action is requested by a Councilmember or a member of the audience.)

1. Approve minutes of the special joint City Council and Planning Commission meeting of May 10, 2022, and the regular meeting of May 17, 2022 (City Clerk Donaldson)

2. Approve recommendation for an appointment to the Airport Advisory Board (Mayor Barich and Mayor Pro Tem Tejeda)

3. Authorize issuance of a Proclamation in recognition of the 53rd Anniversary of the Stonewall Uprising and June, 2022 as Pride Month (Council Member Davis)

4. Approve Resolution No. 8353 authorizing remote teleconference meetings by the City Council and all Boards, Commissions, and Committees of the City in accordance with Assembly Bill 361 (2021) for a period of 30 days (Council Member Davis)

5. Authorize Mayor Barich to sign a letter on behalf of the City of Redlands in opposition of Assembly Bill 2011 (Wicks) Affordable Housing and High Road Jobs Act of 2022 (Assistant City Manager McConnell)

6. Approve an Agreement with San Bernardino County for the Collection of Special District Assessments (Management Services/Finance Director Garcia)

7. Reject all Bids for Street Sweeping Services, Project FCS02252022KG (Assistant City Manager Boatman)

8. Approve Resolution No. 8347 establishing the rate for the voter-approved special tax for emergency paramedic services for Fiscal Year 2022-2023 (Fire Chief Sessler)

9. Approve an agreement with PBK-WLC for architectural services for the remodel of Fire Station 262 in an amount not to exceed $225,000; and determine that the project is not subject to environmental review pursuant to Section 15301(d) of the State's guidelines implementing the California Environmental Quality Act (Fire Chief Sessler)

10. Approve the agreement with LSC Destruction, LLC, to complete destruction and disposal of firearms that need to be disposed of in property and evidence (Chief of Police Catren)

11. Approve the Second Amendment to the Professional Services Agreement with Environment Planning Development Solutions, Inc., for a one-year time extension to prepare an Environmental Impact Report and related technical analysis for the Transit Villages Specific Plan project (Development Services Director Desatnik)

12. Approve a First Amendment to the Non-Professional Services Agreement with General Pump Company, Inc. for the Well and Booster Pump Rehabilitation Project, and authorize an additional appropriation of $174,696.06(Municipal Utilities and Engineering Director Harris)

13. Approve Resolution No. 8334 for a new connection to the City of Redlands water distribution system at 2371 Naples Avenue, Outside City Case No. 22-01, and determine that the Resolution is exempt from environmental review pursuant to Sections 15303(a) and 15319(b) of the State’s guidelines implementing the California Environment Quality Act (Municipal Utilities and Engineering Director Harris)

14. Approve a Reimbursement Agreement with San Bernardino Valley Municipal Water District for rehabilitation of the San Bernardino Avenue Well, and determine that this action is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

15. Adopt Resolution No. 8344 to rescind Resolution No. 8223 and adopt the amended FY 21/22 - FY 25/26 Five Year Measure I Capital Improvement Program and determine the project is exempt under Sections 15273(a)(4) and 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

16. Approve Resolution No. 8346 adopting Senate Bill No. 1 Road Repair and Accountability Act (SB1) Project List, approving funding be directed to the City's Pavement Management Program, and determining that this action is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

17. Approve an agreement with Scenic Earth Inland Empire for turf mowing contractual services within city parks and medians in the amount not-to-exceed $31,598.31 for a period of one year, with one additional one-year renewal option for a total amount not-to-exceed $63,196.62 (Assistant City Manager Boatman)

18. Approve a license agreement with Avis Budget Car Rental, LLC. for the use of 30 parking spaces on City-owned property located at 1625 W. Redlands Blvd, and determine that the project is exempt from environmental review pursuant to Section 15301 of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

19. Approve a request for the serving and consumption of alcoholic beverages at Sylvan Park for the White/Gonzales wedding to be held on October 15, 2022, and determine that approval of the request is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

J. **Communications**

1. Discussion and possible action relating to a new City logo (Mayor Barich)

2. Discussion and possible action relating to the formation of, and appointments to, a City Council Ad Hoc subcommittee to provide input on the re-opening of Market Night (Mayor Pro Tem Tejeda)

3. Discussion and possible action to approve the use of City facilities to hold monthly meetings regarding sustainability policies (Council Member Davis)

4. Presentation by Accelerate Neighborhood Climate Action on the work the organization is doing within the City of Redlands in relation to the effects of climate change (Mayor Pro Tem Tejeda)

K. **New Business**

1. Consideration of a determination of exemption pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality Act Guidelines; and consideration of Urgency Ordinance No. 2928 establishing a temporary 45-day moratorium on certain new development projects for properties located within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan that are identified on the list of housing sites contained in the City's 2021-2029 Housing Element (6th Cycle Housing Element) (Development Services Director Desatnik)

2. Consideration of a determination of exemption pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality Act Guidelines; and consideration of Urgency Ordinance No. 2934 establishing a temporary 45-day moratorium on new warehouses and distribution facility development projects within the City of Redlands (Development Services Director Desatnik)

3. Consideration of the City Manager's Proposed Two-Year Budget for Fiscal Years 2022-2023 and 2023-2024 (City Manager Duggan and Management Services / Finance Director Garcia)

4. Consideration of the Citywide Annual Purchase Orders for miscellaneous tools, equipment and supplies for Fiscal Year 2022-2023 (Assistant City Manager McConnell)

5. Consideration of the Fire Department's continued membership in the CONFIRE Joint Use Authority for Fiscal Year 2022-2023 and pay associated annual fees in an amount not to exceed $772,675 (Fire Chief Sessler)

6. Consideration of Resolution No. 8348 adopting the 2021 Engineering and Traffic Survey Report to update specific public street speed limits, and determination that approval of Resolution No. 8348 is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

7. Consideration of a construction contract award for the Orange Blossom Trail Phase 3 Project with Deark E&C, Inc. in an amount not-to-exceed $782,396, and determination that the project is categorically exempt from environmental review under Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

8. Consideration of Resolution Nos. 8295 - Annual Engineer's Reports Preliminary Approval, and 8296 - Declaration of Intention to Levy Fiscal Year 22/23 Street Lighting District No. 1 and Landscape Maintenance District No. 1 Assessments (Municipal Utilities and Engineering Director Harris)

9. Consideration of an Agreement with Houston & Harris PCS, Inc. in an amount not-to-exceed $900,000 for on-call sewer collection system maintenance, and determination that approval of the Agreement is exempt from environmental review pursuant to section 15301(b) of the State's Guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

10. Consideration of an agreement with Mariposa Landscapes, Inc., in the amount of $308,072.44 for Sports Field Maintenance; and determination that approval of the agreement is not subject to environmental review pursuant to Section 15301 of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

11. Consideration of a Single Source Agreement with Yunex, LLC for Traffic Signal Systems Maintenance services in an amount not-to-exceed $2,000,000 and determination that the project is not subject to environmental review pursuant to Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

L. **Individual Council Member Announcements and/or Reports on Activities**
(No collective discussion or action.)

M. **Adjournment**
The next regular meeting of the City Council will be held on June 21, 2022.

N. **Successor Agency of the former Redevelopment Agency of the City of Redlands**

1. Call regular meeting of the Successor Agency Board of Directors to order.

2. Public Comments
(At this time, the Agency Board will provide an opportunity for the public to address them on any subject, within the jurisdiction of the Successor Agency of the former Redevelopment Agency of the City of Redlands, which is not already scheduled on this agenda. However, any matter that requires action will be referred to staff for a report and possible action at a subsequent meeting. Comments will be limited to three {3} minutes.)

3. Approve minutes of the regular meeting of May 3, 2022 (Secretary Donaldson)

4. Adjourn Successor Agency Board of Directors' meeting
The next regular meeting of the Agency will be held on July 5, 2022.

If you challenge any proposed development entitlement listed on this agenda in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the City Council at or prior to this public hearing.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Goutam Dobey, of the Municipal Utilities and Engineering Department at (909) 798-7584 ext 2. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

(28 CFR 35.102-35.104 ADA Title II)

Any writings or documents distributed to a majority of the City Council regarding an open session agenda item less than 72 hours before this meeting are available for public inspection at the City Clerk's Office or at the dais of the City Clerk once the open session begins.

Staff reports or other written documentation relating to items referred to on the agenda are available at the A. K. Smiley Public Library, 125 West Vine Street, Redlands, California, and on the City's website referenced below.

Regular meetings are televised live on Redlands TV Channel 3 (Spectrum) and Channel 35 (Frontier) and re-broadcasted at 7:00 P.M. the following Wednesday, Friday and Sunday; and at 9:00 A.M. Thursday, Saturday and Monday. Agendas, staff reports and minutes of the City Council of the City of Redlands are available on the Internet:

http://www.cityofredlands.org

"A City That Works"

City Council/Successor Agency Meeting **I. 1.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve minutes of the special joint City Council and Planning Commission meeting of May 10, 2022, and the regular meeting of May 17, 2022 (City Clerk Donaldson)

MOTION:

I move to approve the minutes of the special joint City Council and Planning Commission meeting of May 10, 2022, and the regular meeting of May 17, 2022.

Attachments

Special Joint City Council and Planning Commission meeting of May 10, 2022 minutes

Regular meeting of May 17, 2022 minutes

MINUTES

Special joint meeting of the City Council and the Planning Commission of the City of Redlands held in the Council Chambers, Civic Center, 35 Cajon Street, on May 10, 2022 at 6:00 P.M.

Present: Paul Barich, Mayor
Eddie Tejeda, Mayor Pro Tempore
Denise Davis, Council Member
Jenna Guzman-Lowery, Council Member
Mick Gallagher, Council Member
Steven Frasher, Planning Chair
Joe Richardson, Planning Vice Chair
Mario Saucedo, Planning Commissioner
Karah Shaw, Planning Commissioner
Matthew Endsley, Planning Commissioner
Rosemarie Gonzales, Planning Commissioner
Maryn Wells, Planning Commissioner

Staff: Chris Boatman, Assistant City Manager; Dan McHugh, City Attorney; Jeanne Donaldson, City Clerk; Brian Desatnik, Development Services Director; Brian Foote, City Planner/Planning Manager; Carl Baker, Public Information Officer

Mayor Barich and Chairman Frasher called the Joint Special Meeting of the City Council and Planning Commission to order at 6:01 P.M. This was conducted as a teleconference meeting in the City Council Chambers, Civic Center, 35 Cajon Street, Redlands, California, with Council Members Davis and Guzman-Lowery present via teleconferencing. It was established that all other Council Members and Planning Commissioners were present in the Chambers and all votes during the meeting were conducted by roll call.

The Mayor explained that comments could be presented in-person, via Zoom, via cell phone or landline. He offered the public an opportunity to provide comment on any subject within the jurisdiction of either the City Council or Planning Commission, which was not already scheduled on this agenda.

PUBLIC COMMENT

None forthcoming

PUBLIC HEARINGS

State Street Village Project

Mayor Barich declared the meeting open as a public hearing and called on Development Services Director Desatnik who outlined the structure for the meeting tonight and provided background on the proposed State Street Village project. The Applicant, Village Partners Ventures, LLC, and VPV State Street Village, LLC (Village Partners) is proposing to redevelop the Redlands Mall site and the mixed-use project will combine residential and commercial uses in a transit-oriented development located less than one-quarter mile from the downtown Santa Fe Depot train station. On April 12, 2022, the Planning Commission was presented the proposed project plans, received verbal and written public comments and after discussion and deliberations, instructed the Developer to revise the plans and incorporate the Commission's suggestions. The Commission unanimously voted to continue the public hearing to a joint Planning Commission and City Council meeting.

Director Desatnik briefly reviewed State Law and Senate Bill 330 (SB 330). Under this law, cities must not hold more than five public hearings or meetings on housing development applications. The meeting tonight was in compliance with the law as this was the fifth public hearing. He and City Attorney McHugh explained that also under this law, the City cannot deny a housing project or reduce the number of dwelling units based on standards that are not "objective" nor can they change zoning to reduce the density of use for the project. Furthermore, on May 18, 2021, the City Council determined the project was exempt from Measure U due to the provisions of Measure U which declare future development directly related to the train stations as being exempt.

Included for consideration tonight, were the entitlements and architectural design. The development agreement was still under negotiation and not for discussion and will be brought back separately to each body at a later date. The agreement was a separate legal document that will provide for project timing and fee details and will not be in opposition to the State law requiring Cities to hold no more than five public hearings when considering housing projects.

City Planner/Planning Manager Brian Foote presented a detailed review of the project. It consists of five new buildings, four of which will have retail and restaurant uses on the ground floor with multifamily residential units on upper floors. In order to implement the mixed use project, the developer must relocate one existing long-term anchor tenant on the Mall site, CVS Pharmacy and to facilitate a timely relocation for CVS and allow the entire project to move forward, the proposed project includes a new 14,500 square-foot single tenant retail building with pharmacy drive-thru window across the street at the southeast corner of Citrus Avenue and Eureka Street. Village Partners, represented by Michael Morris, Kaitlin Morris and Don Henry and John Ellis of Mithun shared a thorough review of the architectural revisions that were previously requested by the Planning Commission. These included, Floor Plans, Architectural Elevations, Color Renderings, Storefront Sample Elevations, Street Striping Plan and a Parking Management Plan showing public and private parking space inventory. Village Partners added some clarity to project phasing, stating the phasing would work in a counterclockwise fashion, starting with Block 2 in the above ground structure.

Public Comment

As public comment, fifteen people, including Kasey Haws, Garry Cohoe, Neal Waner, Carole Beswick, Erin Hagstrem, Greg Badell, Alana Kole, Maddie Jordan, Jonathan Schidler, Dan Otter, Ian Karundeng, Christian Farmer, Rochelle, Nathaniel Cline, and Valerie Rountree recommended approval of the project. They stated the development

supported a more vibrant, sustainable community, reduced the number of parking needs, increased walkability, added much needed housing, offered amenities such as public spaces and a rooftop dining area, would reduce greenhouse gases and was designed for people, rather than cars. They pointed out the Applicant had shown they were responsive to the community's needs, and they encouraged the Council to approve the project and take advantage of this opportunity to redevelop the vacant mall site. Evan Sanford, of the Redlands Chamber of Commerce, supported the project in general, but was very concerned about parking impacts and urged the City to consider the bigger picture and proactively look for opportunities to increase the parking supply downtown.

Eleven people including, John Berry, Lynette Banda, Bruce Crandell representing Friends of Redlands, Diane Christensen, Andy Hoder, Michael Eubanks, Michael Schneblin, Richard O'Donnell, Robb McDermott, Victoria Yundt and Angel Esparza, of the Southwest Regional Council of Carpenters, expressed their opposition to the project. Some concerns included, the project was inappropriate in its current form and will overwhelm the site, there were too many unknowns about project timing and fee structures with no development agreement, they thought the project will aggravate existing parking issues, increase homelessness, congestion and traffic downtown and will detract from the historic nature of the area and the small town feel, they recommended the City wait until the Transit Village Specific Plan EIR was complete before approving this, and they questioned whether this site was within a 'walkable' distance to the rail station. City Clerk Donaldson reported there were five written comments received supporting the project and thirteen opposing it in its current form.

Final Comments Before Close of Public Hearing

Council Members and Commissioners discussed the merits of the project, asked many questions and requested clarification from staff and the Applicant regarding several topics, including, the proposed CVS drive-through, the progress made with CVS negotiations, the archway decor, parking, water features, timing and the Development Agreement, possible condition revisions, public uses and plaza programming and fees. Director Desatnik clarified that staff's intent was to bring the Development Agreement back for consideration soon and the document would be approved separately by each body. All future fees would be paid at the time the building permit was pulled.

After a lengthy dialogue, the public hearing was declared closed at 10:30 P.M.

Planning Commission Deliberations

Each Planning Commissioner provided their thoughts concerning the project. Chair Frasher reminded Commissioners the actions tonight do not relinquish the body's oversight, but there was not a need to micromanage the project.

On motion of Commissioner Endsley, seconded by Commissioner Saucedo, the Planning Commission unanimously agreed to select the image marked "Preferred", as shown in the packet, and relates to the "four corner element" for the tower located at Redlands Blvd and Third Street.

Vote: 7 - 0 Passed

On motion of Commissioner Shaw, seconded by Commissioner Saucedo, the Planning

Commission, by roll call vote, unanimously adopted Resolution No. 1574 recommending that the City Council adopt the Sustainable Communities Environmental Assessment document prepared for the proposed project in accordance with the California Environmental Quality Act; adopted Resolution No. 1575 recommending that the City Council approve General Plan Amendment No. 142 for approximately 1.1 acres located at the southeast corner of West Citrus Avenue and Eureka Street; and adopted Resolution No. 1576 recommending that the City Council approve the following entitlements for the proposed project with these revisions: Conditions of Approval No. 12 and No. 19 deleted; and added language to Condition No. 6 shall read: "Prior to approval and issuance of any building permit(s) for each phase, Developer shall submit building plans, elevations, landscape plans, and architectural details (including exhibits and graphics) for informational review by the Planning Commission for each phase/building and the plaza."

Vote: 7 - 0 Passed

Chair Frasher thanked everyone for the care that was taken in this thoughtful presentation tonight. With no further action required, the Planning Commission adjourned at 10:58 P.M.

City Council Deliberations

Mayor Barich offered each Council Member an opportunity to provide their personal views and perspectives. It was agreed no project would be perfect, but they were pleased with how responsive the Applicant had been to the City's requests. They expressed their appreciation of the time and effort that everyone had devoted to this project, and they thanked the Applicant and staff for the incredible presentations that were made earlier.

On motion of Mayor Pro Tem Tejeda, seconded by Council Member Gallagher, the City Council unanimously adopted, by roll call vote, Resolution No. 8337 adopting the Sustainable Communities Environmental Assessment document prepared for the project in accordance with the California Environmental Quality Act; On motion of Council Member Gallagher, seconded by Mayor Barich, the City Council unanimously adopted, by roll call vote, Resolution No. 8338 and approved General Plan Amendment No. 142 for approximately 1.1 acres located at the southeast corner of West Citrus Avenue and Eureka Street; and On motion of Mayor Pro Tem Tejeda, seconded by Council Member Davis, the City Council unanimously adopted, by roll call vote, Resolution Nos. 8339, 8340, and 8341, approving Commission Review and Approval No. 933 and No. 934, Conditional Use Permit No. 1155 and No. 1156, and Vesting Tentative Tract Map No. 20425 for the proposed State Street Village Project by Applicant Village Partners Ventures, LLC, and VPV State Street Village, LLC.

Vote: 5 - 0 Passed

ADJOURNMENT

There being no further action required the Joint Special Meeting adjourned at 11:15 P.M.

MINUTES

Regular meetings of the City Council and the Redlands Financing Authority of the City of Redlands held in the Council Chambers, Civic Center, 35 Cajon Street, on May 17, 2022 at 5:00 P.M.

Present: Paul Barich, Mayor
Eddie Tejeda, Mayor Pro Tempore
Denise Davis, Council Member
Jenna Guzman-Lowery, Council Member
Mick Gallagher, Council Member

Staff: Charles M. Duggan, Jr., City Manager; Dan McHugh, City Attorney; Robert Dawes, City Treasurer; Jeanne Donaldson, City Clerk; Janice McConnell, Assistant City Manager; Chris Boatman, Assistant City Manager; Carl Baker, Public Information Officer; Chris Catren, Police Chief; Danielle Garcia, Management Services/Finance Director; Brian Desatnik, Development Services Director; John Harris, Municipal Utilities and Engineering Director; Rich Sessler, Fire Chief

Mayor Barich called the meeting to order. He announced this was conducted as a teleconference meeting in the City Council Chambers, Civic Center, 35 Cajon Street, Redlands, California. Mayor Pro Tem Tejeda was present via teleconferencing and all votes during the meeting were conducted by roll call. The Mayor explained that comments could be presented in-person, via Zoom, via cell phone or landline. He offered the public an opportunity to provide comment on any item on the agenda for the closed session.

PUBLIC COMMENT

None forthcoming

CLOSED SESSION

Conference with legal counsel: Existing Litigation - Government Code §54956.9(d)(1) (City Attorney McHugh)

One Case:

a. Lydia Rodriguez v. City of Redlands, San Bernardino Superior Court Case No. CIVDS1935452

RECONVENE CITY COUNCIL MEETING

The meeting reconvened at 6:00 P.M. with an invocation by Mayor Barich followed by the pledge of allegiance to the American flag.

CLOSED SESSION REPORT

City Attorney McHugh announced that no reportable action was taken during the closed session.

PRESENTATIONS

Proclamation Commending Daniel J. McHugh

Mayor Barich and the Council Members presented a Proclamation commending Daniel J. McHugh for his twenty-eight years of service as the principle legal advisor to the City. Each Council Member offered their praise and gratitude for his integrity, patience, dedication and thoughtful insight. He will be greatly missed.

PUBLIC COMMENT

Public comments were presented in-person, via Zoom, via cell phone or landline.

Redlands Mall Project - Andy Hoder voiced his concerns with the recent approval of the Mall Project and the developer's plans to construct 4-story buildings on the site. He thought the project was in conflict with the wishes of the voters who overwhelmingly defeated Measure G in 2020 and the almost 8,000 people who signed an initiative petition scheduled to be on the ballot in November of this year. He said these voters have sent a strong message to the Council indicating they oppose high rises, want to restrict development downtown and limit buildings to three stories.

CONSENT CALENDAR

Minutes

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, the minutes of the regular meeting of May 3, 2022.

Vote: 5 - 0 Passed

Proclamation Commending Daniel J. McHugh

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, the issuance of a proclamation commending Daniel J. McHugh for his years of service to the City and Community of Redlands.

Vote: 5 - 0 Passed

Proclamation Celebrating Redlands Youth Council

Council Member Davis highlighted the Proclamation celebrating the Redlands Youth Council, a program designed to provide local high school students with learning and development opportunities related to local government and civic engagement. She was proud to announce thirty students had actively participated in the program since its inception in September 2021 and will be "graduating" next week during a special meeting.

On motion of Council Member Mick Gallagher, seconded by Council Member Jenna Guzman-Lowery, the City Council unanimously approved, by roll call vote, the issuance of a proclamation celebrating Redlands Youth Council.

Vote: 5 - 0 Passed

Resolution No. 8349 Remote Teleconference Meetings

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, Resolution No. 8349 authorizing remote teleconference meetings by the City Council and all Boards, Commissions, and Committees of the City in accordance with Assembly Bill 361 (2021) for a period of 30 days.

Vote: 5 - 0 Passed

Reject Bids CDBG Joslyn Center Renovation Project

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, to reject the bids for the 21/22 Community Development Block Grant (CDBG) Joslyn Center Renovation Project due to the bids exceeded the funding and additional appropriation.

Vote: 5 - 0 Passed

Emergency Resolution No. 8065 Report

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, to accept the Report regarding Emergency Resolution No. 8065 proclaiming the existence of a local emergency in response to COVID-19.

Vote: 5 - 0 Passed

Medical Director Services Independent Contractor Agreement

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, a Second Amendment to the Independent Contractor Agreement between the City of Redlands and Dr. Phong Nguyen increasing the annual fee to $18,000 for the provision of medical director services.

Vote: 5 - 0 Passed

Resolution No. 8328 Traffic Regulations

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously determined, by roll call vote, that approval of the resolution is exempt from environmental review pursuant to Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act; and approved Resolution No. 8328 establishing a 270 foot 'No-Parking Zone' on Lugonia Avenue at the northwest corner of the Lugonia Avenue and Texas Street intersection.

Vote: 5 - 0 Passed

Fiscal Year 21/22 P.O. Modification Water Meters

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, a Fiscal Year 21/22 purchase order modification of $150,000 with Ferguson US Holdings, Inc. to purchase Neptune Water Meters and related supplies.

Vote: 5 - 0 Passed

Engineering Services Live Oak Canyon Creek and Oakmont Park Project

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, a Second Amendment to the Professional Services Agreement with Huitt-Zollars, Inc. to Provide Final Engineering Services for the Live Oak Canyon Creek and Oakmont Park Project.

Vote: 5 - 0 Passed

Resolution No. 8333 Citywide Wastewater Master Plan

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously determined, by roll call vote, that approval of the resolution is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act; and approved Resolution No. 8333 adopting the Citywide Wastewater Master Plan.

Vote: 5 - 0 Passed

Forklift Trucks Purchase

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, the purchase of two Mitsubishi Caterpillar Forklift Trucks from Naumann Hobbs in the amount of $68,482.72.

Vote: 5 - 0 Passed

4-Post Vehicle Lift Purchase

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, the purchase of one 4-Post Vehicle Lift from Stertil-Koni in the amount of $83,911.69.

Vote: 5 - 0 Passed

Receive and File Annual Report CPC

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, to receive and file the Annual Report of the Citrus Preservation Commission as submitted by Chairman Michael Day.

Vote: 5 - 0 Passed

In-Kind Request Summer Music Festival

As public comment, Dennis Bell thanked City Attorney McHugh for his service and wished him the best on his retirement. He questioned why the Summer Music Festival at the Redlands Bowl needed publicly funded security, and he said that in the past the Citizen Volunteer Patrol worked the events. He's found the Bowl attracts too many dogs and too many people who are smoking, and he suggested there be more enforcement against such activities. He raised doubts about the attendance numbers listed in the report and thought they were inflated in order to gain a public benefit.

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously determined, by roll call vote, that the event is categorically exempt from environmental review pursuant to Section 15301 of the state's guidelines implementing the California Environmental Quality Act; and approved the request for in-kind support in the amount of $19,824 related to the 2022 Summer Music Festival event hosted by the Redlands Bowl Performing Arts.

Vote: 5 - 0 Passed

P.O. Modification Tennis Classes

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, a Fiscal Year 2021-22 purchase order modification in the amount of $12,000 with Gabriel Jacobs for Tennis classes at Ford Park for the remainder of the fiscal year.

Vote: 5 - 0 Passed

Resolution No. 8329 Backhoe Loader Master Lease/Purchase

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, Resolution No. 8329 for a Master Lease and Purchase Agreement with Caterpillar Financial Services, Inc., for the lease and purchase of a 2021 Caterpillar Model 420-07 Backhoe Loader in the amount of $160,105.60**.**

Vote: 5 - 0 Passed

PMP 2021 Street Resurfacing Project Contract Amendment

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, a First Amendment to the Public Works Contract with Matich Corporation for the PMP 2021 Street Resurfacing Project to increase Contractor's compensation in the amount of $176,291.47 for the Community and Senior Center access parking lot and ADA improvements.

Vote: 5 - 0 Passed

Resolution No. 8319 Setting Priorities Written Arguments

This item was removed from the agenda and was not considered.

Resolution No. 8318 Candidate Statement Regulations

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, Resolution No. 8318, adopting regulations for candidates for elective office pertaining to candidate statements submitted to the voters at the General Municipal Election scheduled for November 8, 2022.

Vote: 5 - 0 Passed

University of Redlands Agreement RESA

On motion of Council Member Denise Davis, seconded by Council Member Mick Gallagher, the City Council unanimously determined, by roll call vote, that approval of the agreement is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act; and approved the agreement between the City of Redlands and the University of Redlands for event services for the Redlands Emergency Services Academy, to be held Wednesday, July 13 through Wednesday, July 20, 2022.

Vote: 5 - 0 Passed

COMMUNICATIONS

Video Series: Making Redlands a Better Place

Public Information Officer Baker presented a new video from the video series “Working for You: Making Redlands a Better Place.” This month's video highlighted Kyle Wagner, Construction Manager. Filming and production work was provided by Cheryl Williams, Multimedia Production Coordinator.

Accelerate Neighborhood Climate Action

Mayor Pro Tem Tejeda announced this was the fourth of a series of presentations by Accelerate Neighborhood Climate Action (ANCA), and he introduced Richard Corneille, for a presentation on ways to prepare for increasing heat. The impacts of climate change caused by global warming include, more frequent droughts, more intense and destructive wildfires, more severe weather and increased human health risks and deaths and heat is the deadliest of climate change weather impacts. Ways to address the increasing heat were: Increasing tree canopies, identifying cooling centers, encouraging cool roofs and paving and preparing city-wide heatwave action plans. He added ANCA can help promote heat reduction and mitigation actions by educating neighborhoods on ways to survive the heat, encouraging heat resiliency plans and assisting underserved neighborhoods. Mitigation actions include, planting and maintaining trees for shade, educating neighbors to be safe during heat waves, promoting energy efficient upgrades such as solar panels, insulation, double pane window and reflective roofs, and developing plans for checking on and caring for vulnerable neighbors. Council Members Davis and Guzman-Lowery appreciated the fact that practical and concrete action items were provided.

Municipal Utilities/Public Works Commission Annual Report

Chairperson Adekunle Ojo presented the Annual Report of the Municipal Utilities/Public Works Commission. He defined the Commission's role and explained the members were a great resource for City Council, staff and the public. The Commission was represented by engineers, public works professionals, utilities and environmental specialists, and some Commissioners have served as MUED Directors in the past. The following projects included a partial list of work begun in 2021: Pavement Management Program, WWTP Improvement Project – Phase 1B, Water Systems & Wastewater System Master Plan Updates, Groundwater Well & Booster Pump Rehabilitation Project, Waterline Replacement Project, Wastewater Replacement & Slip-Lining Projects, Water Infrastructure Condition, Seismic, Structural Assessment, Water System SCADA Expansion Project and Citywide Water Meter Replacement Project. He reviewed the Commission's goals for 2022 to include: Complete WWTP Improvement Project – Phase 1B, Transition to WWTP Improvement Project – Phase 2, Implement Utility Planning Document Project Recommendations, Continue Groundwater Well & Booster Pump Rehabilitation Project, Pavement Management Project – 30 Miles, Waterline Replacement Project – 4.2 Miles, Wastewater Replacement & Slip-Lining Projects – 4.5 Miles, Complete Water System SCADA Expansion Project, Continue Citywide Water Meter Replacement Project. Mayor Pro Tem Tejeda was pleased Chair Ojo mentioned the varied diversity and experience, as seen on this Commission, and he thanked them for their service.

Library Board Annual Report

Library Director Don McCue introduced Board Member William Hardy who provided an update of the Library's accomplishments and activities over the past year. The FY 21-22 was a year of recovery and with the improved economic situation and Measure T passage, all the General Fund cuts have been fully restored to the budget and the library has resumed to 56 hours a week of in person services. The popular Books to Go program continues to run at full force and despite COVID-19, slowly but surely, the statistics show the patrons are becoming more comfortable returning. From July 1 through April 30, 152,917 visits were recorded at the library, the Lincoln Shrine and the Contemporary Club and 158,474 books, DVDs and magazines were circulated.

Activities included, resolving challenging infrastructure issues, submitting an application to the California State Library for a potential reimagining of the lower level space to better serve teens and literacy learners; the advantages of the Contemporary Club facility offering staff, city departments and the public another option for event scheduling; celebration of the Watchorn Lincoln Memorial Shrine 90th anniversary in February and thanks to Boyd Nies, a long desired reproduction 1857 Napoleon 12 pound Civil War cannon arrived in August and was christened by a welcoming program featuring live firing by reenactment artillerymen. Collaborative efforts accelerated with the Redlands Historical Museum Association as the old Redlands Daily Facts building transforms into the Museum of Redlands; celebration of third consecutive year of Dia de los Muertos in November; special collections division archivists Nathan Gonzales and Maria Carrillo Colato spoke at the Common Vision Coalition’s community event in March celebrating Cesar Chavez and Dolores Huerta, building on their community history initiative. The Adult Literacy Program continued to rebuild from the effects of the pandemic; a video version of the Smiley Heritage Tours was made available to all the schools; in-person outdoor Family Day was staged in October 2021; the traditional springtime Library Days event, held last weekend, resumed after a two-year hiatus with more than 600 guests in attendance. Finally, he encouraged everyone to mark their calendars for the evening of Saturday, October 15 when the quadrennial library gala will take place.

NEW BUSINESS

ARPA Resident Grocery Gift Card Program Agreement

Assistant City Manager McConnell presented an agreement with Redlands Ranch Market in an amount not to exceed $2,024,400 to provide a maximum of 1,687 monthly grocery gift cards for the ARPA Resident Grocery Gift Card Program. On March 15, 2022, Council approved the Resident Grocery Gift Card Program funded by the State and Local Fiscal Recovery Funds (SLFRF) through the American Rescue Plan Act (ARPA). The program will provide grocery assistance to a maximum of 1,687 eligible households in the form of a monthly $100 grocery gift card for a period of 12 months. Mayor Barich and Council Member Davis pointed out this was a great way to directly help people. Applications are currently being taken.

On motion of Council Member Jenna Guzman-Lowery, seconded by Council Member Denise Davis, the City Council unanimously approved, by roll call vote, an agreement with Redlands Ranch Market in an amount not to exceed $2,024,400 to provide a maximum of 1,687 monthly grocery gift cards for the ARPA Resident Grocery Gift Card Program.

Vote: 5 - 0 Passed

University of Redlands Alternate Ballot Measure

This item was removed from the agenda and was not considered.

Resolution No. 8317 Calling and Giving Notice of Municipal Election

This item was removed from the agenda and was not considered.

LNG Supply and Delivery Agreement

Assistant City Manager Boatman summarized an agreement with Applied LNG Technologies, LLC for supply and delivery of renewable liquefied natural gas in an amount not-to-exceed $637,098.00 for the initial term of one year, with the option to extend by two additional one-year terms. The fuels are used by the City's fleet of natural gas vehicles in addition to being sold to external customers and provide a revenue source.

On motion of Council Member Mick Gallagher, seconded by Council Member Jenna Guzman-Lowery, the City Council unanimously approved, by roll call vote, an agreement with Applied LNG Technologies, LLC for supply and delivery of renewable liquefied natural gas in an amount not-to-exceed $637,098.00 for the initial term of one year, with the option to extend by two additional one-year terms for a total amount not-to-exceed $1,911,294.

Vote: 5 - 0 Passed

Contract Award 2021 Citywide Sidewalk and ADA Ramp Replacement

Municipal Utilities and Engineering Director Harris detailed a contract for the 2021 Citywide Sidewalk and ADA Ramp Replacement Phase II Project and staff's recommendation to award the contract to Universal Construction and Engineering.

On motion of Council Member Jenna Guzman-Lowery, seconded by Council Member Mick Gallagher, the City Council unanimously approved, by roll call vote, that approval of the contract and construction of the 2021 Citywide Sidewalk and ADA Ramp Replacement Phase II is exempt from environmental review in accordance with Section 15301 (c) of the State's guidelines implementing the California Environmental Quality Act; approved the 2021 Citywide Sidewalk and ADA Ramp Replacement Phase II Project plans and specifications; awarded a Construction Contract to Universal Construction and Engineering in an amount not-to-exceed $981,152.05; and approved an additional appropriation of $849,538 from the General Fund Sidewalk Replacement Reserve for this project.

Vote: 5 - 0 Passed

University and Brockton Avenue Traffic Signal Improvements Contract

Municipal Utilities and Engineering Director Harris introduced a Construction Contract with Elecnor Belco Electric, Inc. for the University Street and Brockton Avenue Traffic Signal Improvements Project in an amount not-to-exceed $507,745. As public comment, Dennis Bell said the Colton Avenue and University Street intersection should be addressed before the one being considered tonight. Director Harris explained that originally the City intended to improve the intersection located at Colton and University, but a new residential development, currently processing through the City, may be conditioned to install a signal at that location.

On motion of Council Member Jenna Guzman-Lowery, seconded by Council Member Denise Davis, the City Council unanimously determined, by roll call vote, that approval of the contract and construction of a new traffic signal at University Street and Brockton Avenue is exempt from environmental review in accordance with Section 15301 (c) of the State's Guidelines implementing the California Environmental Quality Act; approved the University Street and Brockton Avenue Traffic Signal Project plans and specifications: and awarded a Construction Contract to Elecnor Belco Electric, Inc. in an amount not-to-exceed $507,745.

Vote: 5 - 0 Passed

Resolution No. 8335 Reducing FY 22/23 Wastewater Rates and Charges

Municipal Utilities and Engineering Director Harris provided background of Resolution No. 8335, to reduce Fiscal Year 22/23 Wastewater Rates and Charges and explained that on March 15, 2022, City Council directed staff to initiate expenditures of $11,508,106 of American Rescue Plan Act (ARPA) State and Local Fiscal Recovery Funds (SLFRF) for various programs. This direction included applying $1,000,000 of ARPA SLFRF to Phase 2 of the proposed Wastewater Treatment Plant Improvement Project, which reduces the cost incurred by the City to provide wastewater service to its customers. Therefore, a fifteen percent (15%) wastewater rate increase scheduled for implementation beginning July 1, 2022, is no longer necessary, and may be reduced to eight percent (8%) without impacting the City's ability to fund wastewater services for its customers. Mayor Pro Tem Tejeda thanked the City Manager and staff for their efforts towards making these funds available.

On motion of Council Member Jenna Guzman-Lowery, seconded by Council Member Denise Davis, the City Council unanimously approved, by roll call vote, Resolution No. 8335 reducing Fiscal Year 22/23 Wastewater Rates and Charges.

Vote: 5 - 0 Passed

COUNCIL MEMBER ANNOUNCEMENTS AND ACTIVITIES

Community Day of Service Mayor Barich, Mayor Pro Tem Tejeda and Council Member Davis expressed appreciation for all the volunteers, including Service Club members and those from the Church of Latter Day Saints, who showed up to work at five separate project locations during the Community Day of Service on May 7, 2022. The day was a great success.

Council Member Gallagher commended Sylvia Lemus, Animal Control Supervisor, for stepping in to assist him with an injured baby hawk found near the Cemetery. She displayed great skill, patience and kindness in caring for the recovery and safe return of the bird.

ADJOURNMENT

There being no further action required the meeting adjourned at 7:26 P.M. The next regular meeting of the City of Redlands City Council will be held on June 7, 2022.

REDLANDS FINANCING AUTHORITY

Chairman Barich called the meeting to order and offered anyone present the opportunity to address the Board on any subject, not already on the agenda, within the jurisdiction of the Redlands Financing Authority.

PUBLIC COMMENT

None forthcoming

Minutes

On motion of Board Member Guzman-Lowery, seconded by Board Member Davis, the minutes of the regular meeting of January 18, 2022, were unanimously approved by roll call vote.

Vote: 5 - 0 Passed

ADJOURNMENT

There being no further business, the Redlands Financing Authority adjourned at 7:29 P.M. The next regular meeting of the Agency will be held on September 20, 2022.

"A City That Works"

City Council/Successor Agency Meeting **I. 2.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve recommendation for an appointment to the Airport Advisory Board (Mayor Barich and Mayor Pro Tem Tejeda)

MOTION:

I move to reappoint Robert Pearce to serve a four-year term on the Airport Advisory Board ending May 1, 2026.

RECOMMENDATION:

It is recommended by Mayor Barich and Mayor Pro Tem Tejeda that the City Council consider this reappointment to the Airport Advisory Board. Pursuant to the Redlands Municipal Code, appointments to this board are made by the Mayor and approved by the City Council. However, Mayor Barich has expressed his desire to rotate recommendations for commission/board appointments among the City Council Members; therefore, Mayor Pro Tem Tejeda has been delegated authority by Mayor Barich to make the recommendation for this appointment.

DISCUSSION:

Airport Advisory Board member term of Robert Pearce expired on May 1, 2022. Mr. Pearce is seeking reappointment. A public notice requesting interested residents to submit an application for the Airport Advisory Board was issued in April. In addition, the public notice was concurrently aired on Redlands TV and posted at the community bulletin board at the A. K. Smiley Public Library. The local newspapers also received distribution of the public notice. Two new applications were received and two applications from a previous posting were included for consideration.

The Airport Advisory Board consists of seven members as follows:

- Deborah Forthun
- Robert Pearce
- James Douglas Pickens
- David E. Raley
- Michael Sullivan
- Thomas Cook
- Jason Golumbeski

ALTERNATIVE:

The City Council may choose not to support the recommendation and direct staff to seek further applications for consideration.

SUBMITTED BY:
Jennifer Macias, Management Analyst

REVIEWED BY:
Charles M. Duggan, Jr., City Manager
Janice McConnell, Assistant City Manager

Attachments

Public Notice
Airport Advisory Board Applications

City of
REDLANDS
Incorporated 1888
35 Cajon Street, Redlands, CA 92373
909-798-7510
www.cityofredlands.ca.us

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that the City Council of the City of Redlands encourages residents to apply for a position on the following board:

AIRPORT ADVISORY BOARD

The Airport Advisory Board acts in an advisory capacity to the City Council in all matters pertaining to the administration, operation, development, improvement and maintenance of the Redlands Municipal Airport.

The Airport Advisory Board meets on the third Thursday of each month at 6:00 p.m.

Residents interested in applying for the non-salaried position on this board may request application forms from the Office of the City Manager, City Hall, 35 Cajon Street, Suite 200 or by phone at 798-7510, or from the City's website www.cityofredlands.org

Applications will be accepted until April 18, 2022.

Jennifer Macias, Management Analyst
Office of the City Manager
City of Redlands, California

4/4/2022



CITY OF REDLANDS
COMMISSION APPLICATION FORM

(Please note that this form is a public record that may be subject to disclosure upon request.)

COMMISSION\BOARD APPLIED FOR

Airport Advisory Council

Name Val Dotchkov

Addr

Telephone (Work) (Cell / Home)

Emai

Occupation Innovations Strategist

Reasons for desiring to serve – relevant experience and qualifications:

As a long-term resident of Redlands, I have always been involved in the preservation of the city's unique characteristics.

I have an aerospace engineering degree, former air force navigator/pilot, air traffic controller at international airports in Sofia, Bulgaria, Toronto and Windsor Canada.

I am an active member of Redlands Conservancy, participant in events at Redlands Airport and a flown private airplanes using the facility.

Signature **Date** Sept. 22. 2021

**** If appointed, please be advised that all City commissioners and committee/board members must complete mandatory harassment prevention training consistent with the requirements of Assembly Bill No. 1825. (Resolution No. 7206 adopted July 26, 2012)***

Two References: (Please do not include Councilmembers or City Staff)

(1) Todd Underwood

Telephon

(2) Barbara Cram Riordan

Telephone

Return Application to: Office of the City Council, C/O City Manager's Office, Suite 200, 35 Cajon Street, PO Box 3005, Redlands, CA 92373, OR by Fax to 909-798-7503

✓ Address Verified

You will be notified of appointments by the City Council. Your application will be retained for one year. PLEASE NOTE: Planning Commissioners and Historic & Scenic Preservation Commissioners are required to file Statements of Economic Interest in accordance with California State Law.

CITY OF REDLANDS
COMMISSION APPLICATION FORM

(Please note that this form is a public record that may be subject to disclosure upon request.)



COMMISSION\BOARD APPLIED FOR

AIRPORT ADVISORY BOARD

Name WILLIAM O. BAYNE, P.E.

Address _____

Telephone (Work) _____ (Cell / Home) _____

Email _____

Occupation RETIRED CITY ENGINEER / CONSULTING ENGINEER

Reasons for desiring to serve – relevant experience and qualifications:

REASON TO SERVE - I CARE ABOUT THE SUCCESS OF REDLANDS. I HAVE SERVED AS A REDLANDS PUBLIC WORKS COMMISSIONER, I WAS RESPONSIBLE FOR PREPARATION AND ADOPTION OF A FAA FUNDED AIRPORT MASTER PLAN FOR KELSO, WASH. I NOW LOOK FORWARD TO THIS OPPORTUNITY AS A WAY I CAN SERVE OUR CITY.

Signature W. O. Bayne **Date** 11/2/21

** If appointed, please be advised that all City commissioners and committee/board members must complete mandatory harassment prevention training consistent with the requirements of Assembly Bill No. 1825. (Resolution No. 7206 adopted July 26, 2012)*

Two References: (Please do not include Councilmembers or City Staff)

(1) JIM PETERS

(2) MARIA FRASER, P.E.

Telephone _____ Telephone _____

Return Application to: Office of the City Council, C/O Office of the City Manager, Suite 200, 35 Cajon Street, PO Box 3005, Redlands, CA 92373, OR by email to RedlandsOCM@cityofredlands.org

You will be notified of appointments by the City Council. Your application will be retained for one year. PLEASE NOTE: Planning Commissioners and Historic & Scenic Preservation Commissioners are required to file Statements of Economic Interest in accordance with California State Law.



CITY OF REDLANDS
COMMISSION APPLICATION FORM

(Please note that this form is a public record that may be subject to disclosure upon request).

COMMISSION\BOARD APPLIED FOR

Park and Recreation Commission/Airport Advisory

Name Nathan Freeman

Address _____

Telephone (Wor _____ (Cell / Home) _____

Emai _____

Occupation Principal Development Manager

Reasons for desiring to serve – relevant experience and qualifications:

I desire to give back to the City that has been my home for the past 8 years. I believe my background in City government (20+ years in economic development) will be of benefit to the City of Redlands.

Signature Nathan Freeman **Date** 09/21/21

** If appointed, please be advised that all City commissioners and committee/board members must complete mandatory harassment prevention training consistent with the requirements of Assembly Bill No. 1825. (Resolution No. 7206 adopted July 26, 2012)*

Two References: (Please do not include Councilmembers or City Staff)

(1) Andrew Walcker
Overland Pacific Development

Telepho... _____

(2) Nick Wirick
Lee and Associates

Telephone _____

Return Application to: **Office of the City Council, C/O Office of the City Manager, Suite 200, 35 Cajon Street, PO Box 3005, Redlands, CA 92373, OR by email to RedlandsOCM@cityofredlands.org**

✓ Address Verified

You will be notified of appointments by the City Council. Your application will be retained for one year. PLEASE NOTE: Planning Commissioners and Historic & Scenic Preservation Commissioners are required to file Statements of Economic Interest in accordance with California State Law.



CITY OF REDLANDS
COMMISSION APPLICATION FORM

(Please note that this form is a public record that may be subject to disclosure upon request.)

COMMISSION\BOARD APPLIED FOR

Airport Advisory Board

Name Dennis Nodine

Address _____

Telephone (Work) _____ (Cell / Home) _____

Email _____

Occupation High School Teacher

Reasons for desiring to serve – relevant experience and qualifications:

Private pilot. Member AOPA, EAA, Air Force Association,
Air Force Sergeants Association. USO Volunteer.
Teach Aerospace Science at San Bernardino HS.
BA & MBA from U of R. Crewmember on C141 and C17.
32 yrs USAFR, 20 yrs with Philips as Sr. Marketing Mgr.

Signature _____ **Date** 8 Apr 2022

** If appointed, please be advised that all City commissioners and committee/board members must complete mandatory harassment prevention training consistent with the requirements of Assembly Bill No. 1825. (Resolution No. 7206 adopted July 26, 2012)*

Two References: (Please do not include Councilmembers or City Staff)

(1) Don Jones

_____

_____

Telephone _____

(2) Cristian Heigl

_____

_____

Telephone _____

Return Application to: **Office of the City Council, C/O Office of the City Manager, Suite 200, 35 Cajon Street, PO Box 3005, Redlands, CA 92373, OR by email to RedlandsOCM@cityofredlands.org**

You will be notified of appointments by the City Council. Your application will be retained for one year. PLEASE NOTE: Planning Commissioners and Historic & Scenic Preservation Commissioners are required to file Statements of Economic Interest in accordance with California State Law.

"A City That Works"

City Council/Successor Agency Meeting **I. 3.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Authorize issuance of a Proclamation in recognition of the 53rd Anniversary of the Stonewall Uprising and June, 2022 as Pride Month (Council Member Davis)

MOTION:

I move to authorize the issuance of a Proclamation in recognition of the 53rd Anniversary of the Stonewall Uprising and June 2022 as Pride Month.

Attachments

Proclamation in Recognition of 53rd Anniversary of the Stonewall Uprising and Pride Month

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PROCLAMATION

LGBTQ+ Pride Month
June, 2022

WHEREAS, the City of Redlands has a diverse community, including its LGBTQ+ residents, and welcomes people of many backgrounds in the belief that a diverse population leads to a more vibrant community through inclusion, justice, and love; and

WHEREAS, many of the residents, students, city employees, and business owners within the City of Redlands who are a part of the LGBTQ+ community contribute to the vitality and enrichment of the City; and

WHEREAS, the Stonewall Uprising was one of the most prominent gatherings for persons of diverse backgrounds and interests to come together in a unified voice to call for change and progress in LGBTQ+ civil rights; and

WHEREAS, the Stonewall Uprising is considered by many to be the catalyst that launched the modern LGBTQ+ civil rights movement and since the Stonewall Uprising, LGBTQ+ citizens have made significant progress towards equality all throughout the nation; and

WHEREAS, despite being marginalized, LGBTQ+ people continue to celebrate authenticity, acceptance, and love as it is imperative that all people in our community, regardless of sexual orientation, gender identity, and expression, feel valued, safe, empowered and supported by their peers and community leaders; and

WHEREAS, the City of Redlands denounces prejudice and unfair discrimination based on age, gender identity, gender expression, race, color, religion, marital status, national origin, sexual orientation, or physical attributes as an affront to its fundamental principles;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Redlands does hereby proclaim the month of June, 2022 as Pride Month in recognition of the 53rd Anniversary of the Stonewall Uprising and the contributions made by members of the LGBTQ+ community to actively promote the principles of equality and liberty.

IN WITNESS WHEREOF, we hereunto affix our signatures and Official Seal of the City of Redlands on this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

_____
Denise Davis, Council Member

Attest:

_____
Jeanne Donaldson, City Clerk

"A City That Works"

City Council/Successor Agency Meeting **I. 4.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve Resolution No. 8353 authorizing remote teleconference meetings by the City Council and all Boards, Commissions, and Committees of the City in accordance with Assembly Bill 361 (2021) for a period of 30 days (Council Member Davis)

MOTION:

I move to approve Resolution No. 8353.

DISCUSSION:

On May 17, the City Council adopted Resolution No. 8349 authorizing remote teleconference meetings by the City Council and all Boards, Commissions, and Committees of the City in accordance with Assembly Bill 361 (2021) for a period of 30 days ending June 2, 2022. AB 361, signed into law on September 16, 2021, amends Government Code Section 54953 to provide the authority and specific requirements for public agencies to hold virtual meetings during a proclaimed state of emergency and remain in compliance with the Brown Act.

In accordance with Government Code Section 54953 (e)(3), the City Council must review the need and make findings for continuing the teleconferencing as authorized by AB 361 at least once every thirty days until the Governor terminates the state of emergency. With the adoption of Resolution No. 8353, the City Council is reaffirming its findings and compliance to AB 361 for an additional 30 days ending July 7, 2022.

SUBMITTED BY:
Council Member Denise Davis

Attachments

Reso. 8353 Teleconference Meeting

RESOLUTION NO. 8353

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS AUTHORIZING REMOTE TELECONFERENCE MEETINGS BY THE CITY COUNCIL AND ALL BOARDS, COMMISSIONS, AND COMMITTEES OF THE CITY IN ACCORDANCE WITH ASSEMBLY BILL 361 (2021) FOR A PERIOD OF THIRTY DAYS

WHEREAS, COVID-19 (also known as the "Coronavirus Disease") is a respiratory disease that has spread across the globe, with thousands of confirmed cases in California, including within the City of Redlands ("City"); and

WHEREAS, on January 31, 2020, the United States Secretary of Health and Human Services declared a public health emergency based on the threat caused by COVID-19, and the President of the United States issued a proclamation declaring a national emergency concerning COVID-19 beginning March 1, 2020; and

WHEREAS, in response to COVID-19, the Governor of the State of California issued a proclamation of a state of emergency on March 4, 2020; and

WHEREAS, the City Council of the City adopted a proclamation of a local emergency related to the COVID-19 virus on March 17, 2020; and

WHEREAS, the City is committed to preserving and fostering public access, transparency, observation, and participation in meetings of the City Council and City boards, commissions, and committees (hereafter collectively referred to as "legislative bodies;") and

WHEREAS, all meetings of the City Council and legislative bodies are open and public as required by the Ralph M. Brown Act ("Brown Act") (Government Code section 54950 *et seq*.), so that any member of the public may attend, observe, and participate in a meaningful way; and

WHEREAS, Government Code section 54953(b)(3) of the Brown Act allows a local legislative body to hold public meetings by teleconference and to make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to attend and to address the local legislative body, as long as the following requirements are met:

1. Each teleconference location from which a member is participating is noticed on the agenda;
2. Each teleconference location is accessible to the public;
3. Members of the public must be able to address the body at each teleconference location;
4. At least one member of the legislative body must be physically present at the location specified in the meeting agenda; and
5. During teleconference meetings, at least a quorum of the members of the local body must participate from locations within the local body's territorial jurisdiction; and

WHEREAS, the Brown Act, as amended by AB 361 (2021), at Government Code section 54953(e), allows for remote observation and participation in meetings by members of a legislative body and members of the public without compliance with the requirements of Government Code section 54953(b)(3), subject to certain conditions; and

WHEREAS, the initial required condition of Government Code section 54953(b)(3) is a declaration of a state of emergency by the Governor pursuant to the California Emergency Services Act at Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state and within the boundaries of the City, caused by conditions as described in Government Code section 8558; and

WHEREAS, the Governor's proclamation of a state of emergency includes area within the jurisdictional boundaries of the City; and

WHEREAS, Government Code section 54953(e)(3)(A-B), added by AB 361, provides an alternative to having public meetings in accordance with Government Code Section 54953(b)(3) when the City Council has reconsidered the circumstances of the COVID-19 state of emergency and that the following circumstances exist:

1. The state of emergency as a result of COVID-19 continues to directly impact the ability of the members of City Council and the members of the City's boards, commissions, and committees to meet safely in person; and

2. The State of California and the County of San Bernardino continue to recommend measures to promote social distancing; and

WHEREAS, Government Code Section 54953(e) further requires that state or local officials have imposed, or recommended, measures to promote social distancing, or the legislative body finds that meeting in person would present an imminent risk to the health or safety of attendees; and

WHEREAS, such conditions now exist in the City in that (i) state and local officials do recommend social distancing measures, and (ii) emergency conditions evidenced by COVID-19 and its variants create ongoing COVID-19 cases, hospitalizations, and deaths, such that meeting in person would present imminent risk to health or safety of attendees; and

WHEREAS, the City Council affirms that it will allow for observation and participation by City Council members as well as board, commission, and committee members and the public, via Zoom, or other appropriate technology, in an effort to protect the constitutional and statutory rights of all attendees; and

WHEREAS, Government Code Section 54953 (e)(3) further requires that the City Council review the need and make findings for continuing the teleconferencing as authorized by AB 361 at least once every thirty days until the Governor terminates the state of emergency;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDLANDS HEREBY RESOLVES AS FOLLOWS:

Section 1. The above recitals are true and correct and are incorporated herein by this reference.

Section 2. The City Council finds that the state of emergency conditions related to COVID-19 as set forth in the Governor's and City's proclamations of emergency are on-going.

Section 3. The City Council further finds that State and county officials recommend social distancing conditions causing imminent risk to attendees as described above exist.

Section 4. The City Council hereby recognizes and affirms the existence and conditions of a state of emergency as proclaimed by the Governor, and the City, and affirms, authorizes, and proclaims the existence of a local emergency throughout the City.

Section 5. The City Council finds that the state of emergency as a result of COVID-19 continues to directly impact the ability of members of the City Council and the members of the City's boards, commissions, and committees to meet safely in person and such fact creates an imminent health risk to such members.

Section 6. The City Council hereby authorizes the City Council, and all of the boards, commissions, and committees of the City, to conduct their meetings without compliance with Government Code section 54953(b)(3), and to instead comply with the remote meeting requirements as authorized by Government Code section 54953(e).

Section 7. The City Manager and City Clerk are authorized and directed to take all actions reasonably necessary to carry out the intent and purpose of this Resolution, including, conducting open and public meetings remotely in accordance with Government Code section 54953(e), and other applicable provisions of the Brown Act, for all City Council meetings, and all boards, commissions, and committee meetings of the City.

Section 8. This Resolution shall take effect immediately upon its adoption and shall be effective until either (i) July 7, 2022 or (ii) such time as the City Council adopts a Subsequent Resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the City Council and all City legislative bodies may continue to meet remotely, without compliance with Government Code section 54953(b)(3), but otherwise as permitted by Government Code section 54953(e).

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

_____

ATTEST: Paul T. Barich, Mayor

_____

Jeanne Donaldson, City Clerk

L:\ca\Reso\8353 Teleconference Meeting 6.7.22.docx

"A City That Works"

City Council/Successor Agency Meeting **I. 5.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Authorize Mayor Barich to sign a letter on behalf of the City of Redlands in opposition of Assembly Bill 2011 (Wicks) Affordable Housing and High Road Jobs Act of 2022 (Assistant City Manager McConnell)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move that the City Council authorize Mayor Barich to sign a letter on behalf of the City of Redlands in opposition of AB 2011.

RECOMMENDATION:

Staff recommends City Council authorize Mayor Barich to sign a letter on behalf of the City of Redlands in opposition of AB 2011.

DISCUSSION:

In May 2022, City of Redlands staff received correspondence from the League of California Cities (Cal Cities) requesting the City take action opposing Assembly Bill 2011 (AB 2011). Currently, Planning and Zoning Law authorizes a development proponent to submit an application for a multifamily housing development that is subject to a streamlined, ministerial approval process and not subject to a conditional use permit if the development satisfies specified objective planning standards. AB 2011 would require nearly all cities to ministerially approve, without condition or discretion, certain affordable and mixed-use housing developments in areas of a city where office, retail, or parking are principally allowed, regardless of any inconsistency with a local government's general plan, specific plan, zoning ordinance, or regulation.

Cities in California lay the essential groundwork for housing production through

planning and zoning new projects in their communities based on extensive public input and engagement, state housing laws, and the needs of the building industry. AB 2011 disregards this state-mandated local planning effort and forces cities to allow housing developments in nearly all areas of a city. In effect, if AB 2011 were to become law, City control over its planning process would be removed, as it would allow developers to ignore local zoning laws and construct housing in areas of the City not specifically zoned for it.

As the City recently updated its General Plan, which is inclusive of specific plans, zoning ordinances and other planning matters, staff believes local control over development approvals remains paramount. As a result, staff recommends the City Council authorize Mayor Barich to sign a letter in opposition of AB 2011, as it will help strengthen Cal Cities local coalition in opposition of the bill.

ALTERNATIVES:

City Council could elect to not authorize Mayor Barich to sign a letter of opposition to AB 2011.

STRATEGIC PLAN:
N/A

SUBMITTED BY:
Janice McConnell, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Chris Boatman, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Ross Wittman, Project Manager

Attachments

AB 2011 Opposition Letter

OFFICE OF
THE CITY COUNCIL

City of
REDLANDS
Incorporated 1888
35 Cajon Street, Redlands, CA 92373
909-798-7533

PAUL T. BARICH
Mayor

EDDIE TEJEDA
Mayor Pro Tem

DENISE DAVIS
Council Member

JENNA GUZMAN-LOWERY
Council Member

MICK GALLAGHER
Council Member

June 7, 2022

The Honorable Buffy Wicks
Chair, Assembly Committee on Housing and Community Development
1020 N Street, Suite 156
Sacramento, CA 95814

Re: AB 2011 (Wicks) Affordable Housing and High Road Jobs Act of 2022
Notice of Opposition (As amended 4/18/2022)

Dear Assembly Member Wicks:

The City of Redlands writes to oppose your measure AB 2011, which would require cities to ministerially approve, without condition or discretion, certain affordable housing and mixed-use housing developments in zones where office, retail, or parking are a principally permitted use regardless of any inconsistency with a local government's general plan, specific plan, zoning ordinance, or regulation.

Housing affordability and homelessness are among the most critical issues facing California cities. Affordably priced homes are out of reach for many people, and housing is not being built fast enough to meet the current or projected needs of people living in the state. Cities lay the essential groundwork for housing production through planning and zoning new projects in their communities based on extensive public input and engagement, state housing laws, and the needs of the building industry. Importantly, cities are currently updating housing plans to identify sites for more than two million additional housing units.

AB 2011 disregards this state-mandated local planning effort and forces cities to allow housing developments in nearly all areas of a city. This seriously questions the rationale for the regional housing needs allocation (RHNA) process. If developers can build housing in office, retail, and parking areas, why should cities go through the multiyear planning process to identify sites suitable for new housing units, only to have those plans ignored and housing built on sites never considered for new housing?

Eliminating opportunities for public review of housing developments goes against the principles of transparency and public engagement. Public hearings allow members of the community to inform their representatives of their support or concerns. "Streamlining" in the context of AB 2011 is a shortcut around public input. While it may be frustrating for some developers to

address neighborhood concerns about traffic, parking, and other development impacts, those directly affected by such projects should be heard. Public engagement often leads to better projects. Disregarding community input will increase public distrust in government and may result in additional efforts by voters to restrict growth.

The City of Redlands engaged in an extensive public outreach effort over the past year to identify sufficient housing sites in the community that are appropriate for housing development and that could accommodate Redlands' share of the RHNA. AB 2011 would undermine City's efforts and public feedback, inevitably leading to the degradation of the public's trust in local government, as well as negatively impacting their willingness to engage in future planning efforts for Redlands.

The City of Redlands is committed to being part of the solution to the housing shortfall across all income levels and will work collaboratively with you and other stakeholders on legislative proposals that will spur much needed housing construction without disregarding the state-mandated local planning process and important public engagement.

For these reasons, the City of Redlands opposes AB 2011.

Sincerely,

Paul T. Barich
Mayor

cc. Rosalicie Ochoa Bogh, State Senator
James Ramos, Assemblyman
Laura Morales, Cal Cities Inland Empire Regional Public Affairs Manager (via email)
League of California Cities (Via email: cityletters@calcities.org)

"A City That Works"

City Council/Successor Agency Meeting **I. 6.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve an Agreement with San Bernardino County for the Collection of Special District Assessments (Management Services/Finance Director Garcia)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate the following motion is provided:

I move to approve an agreement with the County of San Bernardino for the collections of special taxes, fees, and assessments on behalf of the City.

RECOMMENDATION:

Staff recommends that the City Council approve an agreement with the County of San Bernardino under which the County will collect special taxes, fees, and assessments on behalf of the City.

DISCUSSION:

The City has for many years maintained a number of special districts for the operation and maintenance of certain City-owned public spaces. These districts are funded through annual property tax assessments on implicated parcels. Under a 1997 agreement, these assessments have been collected by the County of San Bernardino Auditor-Controller/Treasurer/Tax Collector (County) on behalf of the City in conjunction with County-wide property tax collection.

Beginning in fiscal year 2016, the County began requiring the City to enter into an annual agreement authorizing continued County collection of special district assessments on behalf of the City. The County requests a nominal fee to cover the cost of collection and disbursement of the tax assessments to the City.

Staff is seeking Council approval of the attached agreement to collect the taxes related to City Community Facilities Districts (CFDs), Landscape Maintenance Districts (LMDs), and Street Lighting Districts (SLDs) and the Paramedics Assessment.

ALTERNATIVES:

Council may decide not to implement an agreement with the County and instead manage special district tax collection in another manner; however, this will require City staff to perform this collection process.

STRATEGIC PLAN:

N/A

SUBMITTED BY:
Danielle Garcia, Management Services/Finance Director

RECOMMENDED BY:
Charles M. Duggan, Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager

Fiscal Impact

Fiscal Year: 2021-2022

Appropriation Required Y/N: No

Discussion:

There is no impact as a result of approving the agreement with San Bernardino County. Nominal fees will be collected in exchange for the County using its process to collect the City's assessments, which are considerably lower than would be if the City took on the collection process itself.

Attachments

Tax Assessment Form

SAN BERNARDINO COUNTY

AUDITOR-CONTROLLER/TREASURER/TAX COLLECTOR
AGREEMENT FOR COLLECTION OF SPECIAL TAXES, FEES, AND ASSESSMENTS
FISCAL YEAR 2022-23

THIS AGREEMENT is made and entered into this _____ day of _____, 2022, by and between the COUNTY OF SAN BERNARDINO, hereinafter referred to as "County" and the_____, hereinafter referred to as "District".

WITNESSETH:

WHEREAS, Government Code Sections 29304 and 51800 authorize the County to recoup its collection costs when the County collects taxes, fees, or assessments for any city, school district, special district, zone or improvement district thereof; and

WHEREAS, the District and County have determined that it is in the public interest that the County, when requested by District, collect on the County tax rolls the special taxes, fees, and assessments for District.

NOW, THEREFORE, IT IS AGREED by and between the parties hereto as follows:

1. County agrees, when requested by District as hereinafter provided to collect on the County tax rolls the special taxes, fees, and assessments of District, and of each zone or improvement District thereof.

2. When County is to collect District's special taxes, fees, and assessments, District agrees to notify in writing the Auditor-Controller (268 W. Hospitality Lane, 4TH floor, San Bernardino, CA 92415) of the County on or before the 10th day of August of each fiscal year of the Assessor's parcel numbers and the amount of each special tax, fee, or assessment to be so collected. Any such notice, in order to be effective, must be received by the Auditor-Controller by said date.

3. County may charge District an amount per parcel for each special tax, fee, or assessment that is to be collected on the County tax rolls by the County for the District, not to exceed County's actual cost of collection.

4. District warrants that the taxes, fees, or assessments imposed by District and collected pursuant to this Agreement comply with all requirements of state law, including but not limited to, Articles XIIIC and XIIID of the California Constitution (Proposition 218).

5. District hereby releases and forever discharges County and its officers, agents, and employees from any and all claims, demands, liabilities, costs and expenses, damages, causes of action, and judgments, in any manner arising out of District's responsibility under

this agreement, or other action taken by District in establishing a special tax, fee, or assessment and implementing collection of special taxes, fees or assessments as contemplated in this agreement.

6. The County Auditor-Controller has not determined the validity of the taxes or assessments to be collected pursuant to this contract, and the undersigned District hereby assumes any and all responsibility for making such a determination. The undersigned District agrees to indemnify, defend, and hold harmless the County and its authorized officers, employees, agents, and volunteers from any and all claims, actions, losses, damages, and/or liability arising out of this contract or the imposition of the taxes or assessments collected pursuant to this contract, and for any costs or expenses incurred by the County on account of any claim therefore, except where such indemnification is prohibited by law. If any judgment is entered against County or any other indemnified party as a result of action taken to implement this Agreement, District agrees that County may offset the amount of any judgment paid by County or by any indemnified party from any monies collected by County on District's behalf, including property taxes, special taxes, fees, or assessments. County may, but is not required to, notify District of its intent to implement any offset authorized by this paragraph.

7. District agrees that its officers, agents and employees will cooperate with County by answering inquiries made to District by any person concerning District's special tax, fee, or assessment, and District agrees that its officers, agents, and employees will not refer such individuals making inquiries to County officers or employees for response.

8. District shall not assign or transfer this agreement or any interest herein and any such assignment or transfer or attempted assignment or transfer of this agreement or any interest herein by District shall be void and shall immediately and automatically terminate this agreement

9. This agreement shall be effective for the 2022-23 fiscal year.

10. Either party may terminate this agreement for any reason upon 30 days written notice to the other party. The County Auditor-Controller shall have the right to exercise County's right and authority under this contract including the right to terminate the contract.

11. County's waiver of breach of any one term, covenant, or other provision of this agreement, is not a waiver of breach of any other term, nor subsequent breach of the term or provision waived.

12. Each person signing this agreement represents and warrants that he or she has been fully authorized to do so.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written.

District: _____

By: _____

Printed Name: _____

Title: _____

Date: _____

ENSEN MASON CPA, CFA,
AUDITOR-CONTROLLER/TREASURER/TAX COLLECTOR
SAN BERNARDINO COUNTY

By Authorized Deputy: _____

Printed Name: Linda Santillano

Title: Chief Deputy, Property Tax

Date: _____

SAN BERNARDINO COUNTY

AUDITOR-CONTROLLER/TREASURER/TAX COLLECTOR AGREEMENT FOR COLLECTION OF SPECIAL TAXES, FEES, AND ASSESSMENTS FISCAL YEAR 2022-23

THIS AGREEMENT is made and entered into this 7 day of June, 2022, by and between the COUNTY OF SAN BERNARDINO, hereinafter referred to as "County" and the City of Redlands, hereinafter referred to as "City".

WITNESSETH:

WHEREAS, Government Code Sections 29304 and 51800 authorize the County to recoup its collection costs when the County collects taxes, fees, or assessments for any city, school district, special district, zone or improvement district thereof; and

WHEREAS, the City and County have determined that it is in the public interest that the County, when requested by City, collect on the County tax rolls the special taxes, fees, and assessments for City.

NOW, THEREFORE, IT IS AGREED by and between the parties hereto as follows:

1. County agrees, when requested by City as hereinafter provided to collect on the County tax rolls the special taxes, fees, and assessments of City, and of each zone or improvement district thereof.

2. When County is to collect City's special taxes, fees, and assessments, City agrees to notify in writing the Auditor-Controller (268 W. Hospitality Lane, 4TH floor, San Bernardino, CA 92415) of the County on or before the 10th day of August of each fiscal year of the Assessor's parcel numbers and the amount of each special tax, fee, or assessment to be so collected. Any such notice, in order to be effective, must be received by the Auditor-Controller by said date.

3. County may charge City an amount per parcel for each special tax, fee, or assessment that is to be collected on the County tax rolls by the County for the City, not to exceed County's actual cost of collection.

4. City warrants that the taxes, fees, or assessments imposed by City and collected pursuant to this Agreement comply with all requirements of state law, including but not limited to, Articles XIIIC and XIIID of the California Constitution (Proposition 218).

5. City hereby releases and forever discharges County and its officers, agents, and employees from any and all claims, demands, liabilities, costs and expenses, damages, causes of action, and judgments, in any manner arising out of City's responsibility under this

agreement, or other action taken by City in establishing a special tax, fee, or assessment and implementing collection of special taxes, fees or assessments as contemplated in this agreement.

6. The County Auditor-Controller has not determined the validity of the taxes or assessments to be collected pursuant to this contract, and the undersigned City hereby assumes any and all responsibility for making such a determination. The undersigned City agrees to indemnify, defend, and hold harmless the County and its authorized officers, employees, agents, and volunteers from any and all claims, actions, losses, damages, and/or liability arising out of this contract or the imposition of the taxes or assessments collected pursuant to this contract, and for any costs or expenses incurred by the County on account of any claim therefore, except where such indemnification is prohibited by law. If any judgment is entered against County or any other indemnified party as a result of action taken to implement this Agreement, City agrees that County may offset the amount of any judgment paid by County or by any indemnified party from any monies collected by County on City's behalf, including property taxes, special taxes, fees, or assessments. County may, but is not required to, notify City of its intent to implement any offset authorized by this paragraph.

7. City agrees that its officers, agents and employees will cooperate with County by answering inquiries made to City by any person concerning City's special tax, fee, or assessment, and City agrees that is officers, agents, and employees will not refer such individuals making inquiries to County officers or employees for response.

8. City shall not assign or transfer this agreement or any interest herein and any such assignment or transfer or attempted assignment or transfer of this agreement or any interest herein by City shall be void and shall immediately and automatically terminate this agreement

9. This agreement shall be effective for the 2022-23 fiscal year.

10. Either party may terminate this agreement for any reason upon 30 days written notice to the other party. The County Auditor-Controller shall have the right to exercise County's right and authority under this contract including the right to terminate the contract.

11. County's waiver of breach of any one term, covenant, or other provision of this agreement, is not a waiver of breach of any other term, nor subsequent breach of the term or provision waived.

12. Each person signing this agreement represents and warrants that he or she has been fully authorized to do so.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written.

ATTEST:

City: Redlands

By: _____

Printed Name: Paul T. Barich

Title: Mayor

Date: _____

_____

Jeanne Donaldson, City Clerk

ENSEN MASON CPA, CFA,
AUDITOR-CONTROLLER/TREASURER/TAX COLLECTOR
SAN BERNARDINO COUNTY

By Authorized Deputy: _____

Printed Name: Linda Santillano

Title: Chief Deputy, Property Tax

Date: _____

"A City That Works"

City Council/Successor Agency Meeting **I. 7.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Reject all Bids for Street Sweeping Services, Project FCS02252022KG (Assistant City Manager Boatman)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move that the City Council reject all bids received for Street Sweeping Services.

RECOMMENDATION:

Staff recommends City Council reject all bids received for Street Sweeping Services, Project Number FCS02252022KG.

DISCUSSION:

The Facilities and Community Services Department Streets Division oversees the monthly street sweeping contract. The street sweeping contract includes residential routes that are swept twice a month, a monthly street sweeping program for City-owned parking lots and sweeping of the downtown area four times per week. This service enables the City to remain in compliance with the National Pollutant Discharge Elimination System (NPDES) requirements.

On March 16, 2022, the City Clerk received and opened three (3) bids - see table below. Staff evaluated the bids for conformance with the purchasing ordinance, and verified the total price. Upon review, all three (3) bids were submitted with excessive math errors and two far exceeded the available budget. As a result of the bids coming in higher than the available budget, staff recommends rejecting all bids. Furthermore, staff will rebid the services with a revised Price and Fee Bid Sheet.

Bidder	Bid Amount
Guardian Street Sweeping	$555,710.56
Green Earth Environmental Cleaning Solutions	$345,000.00
CleanStreet	$956,341.10

ALTERNATIVES:

No viable alternative is recommended as unit price is markedly higher than anticipated

STRATEGIC PLAN:

Not Applicable

SUBMITTED BY:
Chris Boatman, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Kathleen Giorgianni, Senior Administrative Assistant

Fiscal Impact

Fiscal Year: FY 2022-23

Discussion:

There is no fiscal impact related to rejecting all bids.

Attachments

Clerk's Bid Report

CITY OF REDLANDS
OFFICE OF THE CITY CLERK
BID OPENING REPORT

The following bids were opened on the **16th day of March 2022 at 11:30 a.m.** on behalf of the Facilities and Community Services Department for **Street Sweeping Services – FCS02252022KG**. The bid amounts have not been checked and are subject to correction after the bids have been completely reviewed.

No.	Plan Holder's Name	Bid Signed	Addenda Acknowledged (N/A)	Total Bid Amount
1	Green Earth Cleaning Solutions, Highland CA	Yes	N/A	$345,000.00
2	Guardian Street Sweeping, Anaheim CA	Yes	N/A	$555,710.56
3	CleanStreet, Gardena CA	Yes	N/A	$956,341.10

Jeanne Donaldson, City Clerk
City of Redlands, California

Emailed: Councilmembers,
City Manager, City Treasurer, PIO, Press
Department Head: Chris Boatman
Staff: Kathleen Giorgianni

"A City That Works"

City Council/Successor Agency Meeting **I. 8.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve Resolution No. 8347 establishing the rate for the voter-approved special tax for emergency paramedic services for Fiscal Year 2022-2023 (Fire Chief Sessler)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move to approve Resolution No. 8347.

RECOMMENDATION:

Staff recommends that the City Council approve Resolution No. 8347 establishing the rate for the voter-approved special tax for emergency paramedic services for Fiscal Year 2022-2023.

DISCUSSION:

Ordinance No. 1900, approved by the voters in 1985, authorizes the City Council of the City of Redlands to establish a rate for the special tax assessment necessary to fund anticipated paramedic expenses, provided the special tax rate does not exceed the maximum allowance limits as set forth in Ordinance No. 1900. The Ordinance permits the continuation of the tax on each improved parcel of property, each residential unit in a multiple dwelling, or each of the mobile home sites in the City of Redlands. The San Bernardino County Auditor-Controller/Treasure/Tax Collector requires that this resolution be approved prior to August 10, 2022, in order to apply this special assessment to the tax rolls for Fiscal Year 2022-2023.

ALTERNATIVES:

Not approve Resolution No. 8347 establishing the rate for the voter-approved special tax for emergency paramedic services.

STRATEGIC PLAN:
Priority B - Public Health and Safety

SUBMITTED BY:
Rich Sessler, Fire Chief

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Bruni Reyes, Management Analyst

Fiscal Impact

Fiscal Year:	2022-2023
Revenue Generating:	Y
Appropriation Required Y/N:	N

Discussion:

The special assessment for Paramedic Service is expected to generate approximately $1,005,300 to Fund 205250 (Emergency Medical Services).

Attachments

Resolution No. 8347

RESOLUTION NO. 8347

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS SETTING THE SPECIAL TAX FOR EMERGENCY PARAMEDIC SERVICE

WHEREAS, Ordinance No. 1900 permits the levy of a special tax by the City Council of the City of Redlands ("this City Council") on each improved parcel of property, each residential unit in a multiple dwelling, and each mobile home site in the City of Redlands; and

WHEREAS, Ordinance No. 1900 further empowers this City Council to establish, by Resolution, the rate of special tax to fund anticipated expenses in an effort to provide an adequate level of paramedic service, but in no event, shall the special tax exceed the maximum allowable limits as set forth in Ordinance No. 1900;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Redlands as follows:

Section 1. The rate of the special tax for emergency paramedic service shall be as follows for the Fiscal Year 2022-2023 only:

Multi-family and Mobile Home Units			$ 29.70
Single Family (Including condominiums)			$ 39.70
Commercial and Industrial:			
0	to	4,999 Square feet	$ 39.70
5,000	to	9,999 Square feet	$ 79.45
10,000	to	19,999 Square feet	$ 119.20
20,000	to	39,999 Square feet	$ 158.95

Greater than 39,999 square feet = $158.95 plus $39.70 for each 20,000 square foot increment of floor area, or portion thereof, in excess of 39,999 square feet.

ADOPTED, SIGNED AND APPROVED THIS 7th day of June 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

"A City That Works"

City Council/Successor Agency Meeting **I. 9.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve an agreement with PBK-WLC for architectural services for the remodel of Fire Station 262 in an amount not to exceed $225,000; and determine that the project is not subject to environmental review pursuant to Section 15301(d) of the State's guidelines implementing the California Environmental Quality Act (Fire Chief Sessler)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motions are provided:

1. I move that the City Council determine that the project is categorically exempt from environmental review in accordance with Section 15301(d) of the State's guidelines implementing the California Environmental Quality Act.

2. I move to approve the agreement with PBK-WLC for architectural services for the remodel of Fire Station 262 in an amount not to exceed $225,000.

RECOMMENDATION:

Staff recommends City Council approve the agreement with PBK-WLC for architectural services for the remodel of Fire Station 262 in an amount not to exceed $225,000; and

Staff recommends the City Council determine that the project is categorically exempt from environmental review in accordance with Section 15301(d) of the State's guidelines implementing the California Environmental Quality Act.

DISCUSSION:

The City of Redlands Fire Department provides services from four stations throughout the city with a minimum daily staffing of 18 personnel. Fire Station 262, located at 1690 Garden Street, on the south side of the city, was constructed as a single-family residence in 1965. The station has been in need of upgrades for many years to address space issues, develop gender-neutral spaces, ADA compliant access areas, and energy efficient design. To address the station needs, staff advertised a request for proposals for professional architectural and engineering services.

PBK-WLC was one of the five firms that responded to the City's Request for Proposals for architectural and engineering services on January 12, 2022. Written proposals were evaluated and ranked, according to firm qualifications and responsiveness to the requirements of the City's Request for Proposals for Professional Architectural and Engineering Services for fire station 262. Based on the firm's qualifications, PBK-WLC was selected as the firm most qualified to provide the services as requested in the city's Request for Proposal.

In addition, PBK-WLC is familiar and knowledgeable with the needs of fire station 262 as the firm performed a facility assessment of all fire department facilities in November 2021. The facility assessment confirmed the well-known issues of the station. Staff believes PBK-WLC is well-equipped to provide an architectural design that will result in a modern fire station that will enhance service delivery and demand, as well as applicable safety considerations. The professional services agreement with PBK-WLC includes a design development phase, a construction phase, and a bidding phase in which the consultant will provide administrative support services to assist the City in obtaining competitive bids for the proposed project.

ALTERNATIVES:

Not approve the Professional Services Agreement with PBK-WLC for architectural services of the remodel of Fire Station 262.

STRATEGIC PLAN:

Priority B - Public Health and Safety

SUBMITTED BY:
Rich Sessler, Fire Chief

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Chris Boatman, Assistant City Manager

PREPARED BY:
Bruni Reyes, Management Analyst

Fiscal Impact

Fiscal Year:	2021-2022
Revenue Generating:	N
Appropriation Required Y/N:	N
Amount:	225,000
Budgeted Y/N:	Y
Account No.:	101250

Discussion:

The total cost for the professional services agreement for architectural design services for the Fire Station 262 remodel is $225,000. Funding is included in the Fire Department Capital Outlay budget for FY2021-2022.

Attachments

Agreement

AGREEMENT TO PERFORM PROFESSIONAL SERVICES

This agreement for the provision of professional architectural and engineering services ("Agreement") is made and entered in this 7th day of June, 2022 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("City") and PBK-WLC, ("Consultant"). City and Consultant are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Consultant agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONSULTANT

1.1 City hereby engages Consultant to provide professional architectural and engineering services for City (the "Services").

1.2 The Services shall be performed by Consultant in a professional manner, and Consultant represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional consultants in the industry providing like and similar types of Services.

ARTICLE 2 – SERVICES OF CONSULTANT

2.1 The Services that Consultant shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by this reference.

2.2 Consultant shall comply with applicable federal, state and local laws and regulations in the performance of this Agreement including, but not limited to, any applicable State prevailing wage laws.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City designates Fire Chief Rich Sessler, Fire Department Director, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 Consultant shall perform and complete the Services in a prompt and diligent manner in accordance with the schedule set forth in Exhibit "B," titled "Project Schedule," which is attached hereto and incorporated herein by reference.

4.2 Consultant shall complete the Services by June 1, 2023, unless the Services are terminated earlier as provided for herein.

4.3 If Consultant's Services include deliverable electronic visual presentation materials, such materials shall be delivered in a form, and made available to City, consistent with City Council-adopted policy for the same. It shall be the obligation of Consultant to obtain a copy of such policy from City staff.

ARTICLE 5 – PAYMENTS TO CONSULTANT

5.1 Total compensation for Consultant's performance of the Services shall be in the amount of Two Hundred Thousand ($225,000). City shall pay Consultant in accordance with Exhibit "C" titled ("Cost Proposal") attached hereto and incorporated herein by reference.

5.2 Consultant shall submit monthly invoices to City describing the Services performed during the preceding month. Consultant's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom, and a description of reimbursable expenses related to the Services. City shall pay Consultant no later than thirty (30) days after receipt and approval by City of Consultant's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF), if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY:

City Clerk
City of Redlands
35 Cajon Street
P.O. Box 3005 (mailing)
Redlands, CA 92373
jdonaldson@cityofredlands.org
Phone: (909) 798-7531

CONSULTANT:

Kelley Needham, Managing Partner
PBK-WLC
8163 Rochester Avenue
Rancho Cucamonga, CA 91730
Email
Phone: (909) 987-0909

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Consultant for the duration of its performance of the Services. Consultant shall not perform any Services unless and until the required insurance listed below is obtained by Consultant. Consultant shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Consultant is self-insured or exempt from the workers' compensation laws of the State of California. Consultant shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Consultant shall secure and maintain professional liability insurance throughout the term of this Agreement in the amount of One Million Dollars ($1,000,000) per claim made.

D. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Consultant owned vehicles used in connection with Consultant's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

E. Consultant is expressly prohibited from assigning or subcontracting any of the Services without the prior written consent of City. In the event of mutual agreement by the Parties to assign or subcontract a portion of the Services, Consultant shall add such assignee or subcontractor as an additional insured to the insurance policies required hereby and provide City with the insurance endorsements prior to any Services being performed by the assignee or subcontractor.

6.2 Consultant shall defend, indemnify and hold harmless City and its elected and appointed officials, employees and agents from and against any and all claims, losses or liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of, Consultant, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Consultant covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Consultant's Services. Consultant further covenants and

represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Consultant agrees it is not a designated employee within the meaning of the Political Reform Act because Consultant:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;
(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;
(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Consultant must disclose its financial interests, Consultant shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Consultant shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, result in City's immediate termination of this Agreement.

8.3 Consultant is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor any its agents shall have control over the conduct of Consultant or Consultant's employees, except as herein set forth. Consultant shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Consultant are for its account

only, and in no event shall Consultant or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Consultant shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Consultant have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Consultant of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Consultant's compensation shall be made, but (1) no amount shall be allowed for anticipated profit or unperformed Services, and (2) any payment due Consultant at the time of termination may be adjusted to the extent of any additional costs to City occasioned by any default by Consultant. Upon receipt of a termination notice, Consultant shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by Consultant in performing the Services. Consultant shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Consultant shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Consultant pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Consultant.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Consultant.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California, without regard to its conflicts of laws provisions. The Parties agree that all actions or proceedings arising in connection with this Agreement shall be tried and litigated only in the state courts located in San Bernardino County, California, and the federal courts located in Riverside County, California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Consultant have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

PBK-WLC

By: _____
Kelley Needham, Managing Partner

EXHIBIT "A"

SCOPE OF SERVICES

A. BASIC ARCHITECTURAL SERVICES

The following is a list of the basic activities and services anticipated for your new project. The scope has been divided into the five phases typically associated with architectural services:

1. Schematic Design Phase

The first and perhaps most important task during the Schematic Design Phase will be to establish and determine the best approach to the design of the primary systems in the project. The architectural program shall be developed. Alternative configurations shall be quickly explored in order to evaluate the best opportunities. A design concept shall be formulated in order to provide a sound basis for subsequent planning and design decisions to occur. The design concept shall be utilized to evaluate advantages and disadvantages of each potential alternative. Site and programmatic factors, aesthetic quality, cost, and other key factors related to the project shall be utilized in order to form the basis of an evaluation. Through a variety of informal meetings with the project committee, a schematic design concept shall be established.
During the Schematic Design Phase for your project, the following tasks and deliverables been identified:

A. Master Site Plan
A master site plan shall be prepared in order to describe all major site components and to illustrate the overall site planning concept for the project. All structures, parking areas, and circulation components shall be identified. Areas of future expansion and/or future phasing shall also be defined.

B. Preliminary Landscape Plan
A preliminary landscape plan shall be prepared in order to illustrate proposed planting, landscaping techniques, and design concepts. Drought resistant, low maintenance, and xeriscape techniques shall be defined. A preliminary plant palette, identifying major tree and shrub species, shall be included.

C. Preliminary Floor Plans
A preliminary floor plan of each level for every structure proposed shall be prepared.

D. Exterior Elevations
Exterior elevations shall be prepared to illustrate all major views of the project. Elevations shall be drawn to depict scale, character, architectural vocabulary, and shall be delineated to communicate the aesthetic qualities of the project.

E. Schematic Design Cost Estimate
A Schematic Design construction cost estimate shall be prepared and included with the summary report.

F. Project Schedule

A comprehensive project schedule shall be prepared. The project schedule shall include anticipated time frames for each phase of the project as well as any other milestones required by the City.

2. Design Development Phase

After completion of the Schematic Design Phase, the design of the project shall be advanced into more detailed refinement by initiating the Design Development Phase. Our Design Team shall prepare design development documents consisting of drawings, outline specifications, design calculations, material/equipment submittals, fixture cuts, and a design development opinion of estimated construction cost. Architectural, structural, electrical, and mechanical systems shall be further detailed and analyzed. Preliminary drawings shall be prepared for each of these systems and options which may exist shall be evaluated.

During the Design Development Phase, requirements for cabinets, casework, hardware, and related specialties shall be determined. A preliminary furniture plan shall be prepared indicating usage and furniture layout of every workstation, office, and support space. Final selection of materials, textures, and colors shall occur. The Design Development Phase is essentially the time when preliminary design proposals are refined to a level of detail and developed to a state such that final construction documents can be initiated. The Design Development Phase is the time when all final decisions pertaining to the proposed project are evaluated and finalized.
During the Design Development Phase, the following tasks and deliverables have been identified:

A. Design Development Plans

Design development drawings shall be prepared in order to fix and describe the size and character of the entire project including architectural, structural, mechanical, electrical and landscape design features.

B. Outline Specifications

Outline specifications shall be prepared in order to identify and define the materials and system components selected for the project. Outline specifications shall be prepared in summary outline form based on CSI format.

C. Basis of Design

A technical manual shall be assembled to organize product literature and data for all materials, equipment, and fixtures selected for the project.

D. Building Code Analysis

Drawings, diagrams, and calculations shall be prepared based upon all applicable building codes having jurisdiction over the project. A preliminary occupancy and exiting plan shall be prepared to identify the type of construction, type of occupancy, required fire rating/separation, and location/number of exits required.

E. Design Development Cost Estimate

A Design Development construction cost estimate shall be prepared to reflect the scope and anticipated construction costs as reflected by the design development documents.

F. Project Schedule

An updated project schedule shall be prepared and submitted.

3. Construction Document Phase

The final Construction Document Phase of the project generally consists of the preparation of the construction documents to include final drawings, specifications, calculations, and final cost estimates. Our proposal includes complete and comprehensive architectural and engineering services required to execute the entire project. Specifically, we have included the following disciplines:

- Architectural
- Civil Engineering
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Landscape Architecture

During this phase, the Contract Documents are prepared setting forth in detail the requirements for the construction of the project. General conditions, instructions to bidders, and all special requirements are defined, and when combined with the various trade specifications, a complete project manual is produced.
During the Construction Document Phase final cost studies shall be prepared. A detailed opinion of construction cost shall be prepared at the point where final plans and specifications are approximately 50% complete. Once construction documents have almost been completed, a revised opinion of cost shall be prepared at the level of approximately 90% completion. Allowable construction costs will be consistently monitored during the entire process in order to minimize the possibility of requiring major refinement or modification due to budgetary limits.
The following tasks are specifically proposed for the project:

A. Construction Drawings

Final construction drawings shall be prepared in order to describe and identify the spaces, sizes, volume, and location in detail for the construction of the project.

B. Project Manual

A project manual shall be prepared to include all instructions to bidders, bidding forms, general conditions, supplementary special conditions, and the construction trade sections for the project. The project manual provides detailed technical information pertaining to

the administration of the contract for construction, materials and equipment to be furnished, acceptable manufacturers, and the requirements for executing the work.

C. Final Design Calculations

Final design calculations shall be prepared and submitted with the final plans and specifications for review and approval by governing agencies having jurisdiction over the project. Structural calculations, hydrology/drainage calculations, and mechanical/electrical (Title 24 Energy Compliance) shall be completed during this phase.

D. Construction Cost Estimate

A final construction cost estimate shall be prepared at the point where plans and specifications are approximately 50% complete. A second cost opinion shall be prepared at the 90% completion point in order to address any refinement or modification occurring during the preparation of the construction documents. The cost opinion shall be prepared utilizing specific area and quantity take-offs applied to labor and material cost, and shall include allowance for general conditions, Contractor's profit and overhead, and contingencies.

E. Final Plan Check

All final plans, specifications, and supporting calculations shall be submitted to appropriate agencies having jurisdiction over the project. The final construction documents shall be revised and amended in order to reflect any plan check requirements, and at this time, construction documents will be ready for competitive bidding.

4. Bidding Phase

During the Bidding Phase, the Architect shall provide administrative support services to assist the City in obtaining competitive bids for the proposed project. The Architect shall respond to any questions, clarifications, or conflicts which may arise in the form of written addenda to the contract documents. At this time, requests for substitutions may be considered if allowed by the contract documents. The Architect shall assist the City with an evaluation of the bids received and make a recommendation for award of the contract for construction.
The following services for the Bidding Phase of the project are proposed:

A. Bidding Procedures and Administration

The Architect shall assist the City with the Bidding Phase of the project. Questions, clarifications, or conflicts arising out of the bidding process will be resolved by addenda prepared by the Architect. Addenda to the contract for construction shall be prepared in writing to document any clarification or modification made to the contract documents.

B. Evaluation of Bid Proposals

Upon receipt of all bid proposals, a review and evaluation shall be conducted by the Architect. The completeness of each bid proposal shall be evaluated whenever consideration exists to award to the proposing contracting entity. The completeness of the bid proposal, proposed subcontractors, affidavit of signature and other special bid proposal requirements shall be reviewed by both the City and the Architect.

C. Notice to Award Construction Contract

Upon the completed review of appropriate bid proposals, the Architect shall provide a recommendation for consideration regarding the potential award of the contract for construction.

5. Construction Administration Phase

The Architect shall conduct job site meetings at two-week intervals in order to generally review and evaluate the construction schedule, monitor weekly performance, review quality control standards, and provide assistance for any clarification or revision to the contract for construction. Shop drawings and related submittals shall be reviewed and returned to the Architect for appropriate action. The Contractor's requests for information, proposal requests, and related communications shall be attended to on a regular basis. Contractor's pay requests shall be reviewed by the Architect on a monthly basis in accordance with the amount of work completed and in accordance with the contract documents. At every job site meeting, minutes shall be prepared, published and distributed by the Architect to all parties concerned, specifically noting current action items and related responsibilities. Upon completion of the Construction Phase the Architect shall organize and conduct a final walk-through and review. A final punch list for all required corrections and remaining work shall be prepared.

During the Construction Phase of the project, the following services shall be furnished:

A. Preconstruction Conference

A preconstruction conference shall be organized and conducted by the Architect to brief all parties concerned with general and special requirements of the contract for construction. Procedural matters, routing of information, and project representatives shall be defined. Attendees shall include representatives from the Fire Department, the Architect, the Contractor, and all major subcontractors.

B. Job Site Meetings

Job site meetings at two-week intervals shall be scheduled and conducted by the Architect for the same day and time through the duration of the project. Scheduling, coordination, requests for information, and changes to the contract for construction are routinely monitored. The Architect shall publish and distribute a field report for each job site meeting, documenting the progress of construction and specifically noting current and delinquent action items.

C. **Submittal and Shop Drawing Review**

The Architect shall review all required shop drawings and related submittals as required by the contract documents.

D. Project Closeout

At the completion of the Construction Phase a final job site meeting and review of the entire facility shall be conducted. A final punch list will be published and distributed by the Architect to all parties concerned, specifically noting required corrections, non-conforming work, and work remaining to be completed. A second walk-through shall be conducted when all punch list items have been corrected, at which time a Final Notice of Completion shall be filed by the City.

E. Record Documents

A set of final record documents will be created from the Contractor's as-built drawings.

B. PROJECT SPECIFIC SERVICES

The following items are not typically found in the basic scope of architectural services. Based on the specifics of your site and our experience with projects of this type, we believe the following additional services will also be required:

1. Topographical Surveys

A complete Topographical and Boundary Survey shall be furnished by the Design Team. The size, area, and overall configuration of the site area shall be accurately defined noting all existing conditions, improvements, utilities, and adjacent relationships.

2. Geotechnical Investigations

A Geotechnical Investigation shall be furnished by the design team. The soils report shall be reviewed in order to determine existing soils conditions, soils characteristics, water table relationship to known seismic faults, and overall soils suitability for the proposed project. Specific recommendations shall be made for soils preparation related to the construction of footings, foundations, slabs, and various pavement sections.

EXHIBIT "B"

PROJECT SCHEDULE

PHASE	DESCRIPTION		Duration in Days	Start Date	Completion Date
1.0	**Schematic Design**		31	July 5, 2022	August 5, 2022
2.0	**Design Development**		32	August 8, 2022	September 9, 2022
3.0	**Construction Drawings and Specifications**		60	September 12, 2022	November 11, 2022
	50% Submittal				October 12, 2022
	100% Submittal				November 11, 2022
	Initial Building Department Review		39	November 14, 2022	December 23, 2022
	Incorporate Review Comments		28	January 3, 2023	January 31, 2023
	Final Building Department Review		16	February 1, 2023	February 17, 2023
4.0	**Bidding**		28	March 1, 2023	March 29, 2023
	Bid Review and Approval		32	March 30, 2023	May 1, 2023
	Board Approval to Award				May 2, 2023
5.0	**Construction**				
	Construction		177	May 29, 2023	November 22, 2023
	Punch List/Start UP		14	November 27, 2023	December 11, 2023
	TOTAL	**Days**	**524**		
	PROJECT TIMELINE	**Years**	**1.44**	**July 5, 2022**	**December 11, 2023**

EXHIBIT "C"

COST PROPOSAL

Fee Proposal

Your contract with PBK will mark a purposeful investment in your facilities. We are here to make sure that you consider that investment to be a good one, with significant returns. PBK is extremely flexible when it comes to the fee structure that best suits each new commission. We want the City and Fire Department to feel that you are getting both a quality architectural product and excellent professional services at a fair market price.

In an effort to better define our fee proposal, we have broken it down into the following components:

- Basic Architectural Fee
- Project Specific Fees
- Total Fee
- Reimbursables
- Assumptions/Exclusions
- Hourly Rate Schedule

A description of each component is as follows:

A. BASIC ARCHITECTURAL FEE

Our fee for basic architectural services will be a fixed lump sum and includes the following disciplines:

- Civil Engineering
- Architectural Design
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Landscape Architecture

Our fee has been established based on the remodel and expansion of Fire Station 262. The current Station is approximately 3,624 sf. Our basic fee includes all on-site improvements, circulation areas, parking areas, and landscaping. For the purposes of establishing a fee, we have assumed a preliminary construction budget of $2,000,000.00. A breakdown of our proposed fees is as follows:

PHASE OF SERVICE	FEE
Schematic Design	30,000
Design Development	20,000
Construction Documents	100,000
Bidding	10,000
Construction Administration	40,000
	$200,000

B. PROJECT SPECIFIC FEES

The following items are unique to each project and not typically found in the basic scope of architectural services. Based on our experience and interpretation of the information available, we believe the following services will also be required:

TASK	FEE
Topographical Survey	$10,000.00
Geotechnical Investigation &	$13,000.00
TOTAL PROJECT SPECIFIC FEES	**$23,000.00**

C. TOTAL FEE

The following is the total of all fees along with an allowance for reimbursables:

SERVICE	FEE
Basic Architectural Fees	$200,000.00
Project Specific Fees	$23,000.00
Reimbursable Allowance $	$2,000.00
TOTAL FEE	**$225,000.00**

D. REIMBURSABLES

Items required or requested by the City, Fire Department, or approving agency will be invoiced as reimbursable without markup on monthly intervals. Reimbursables generally include the following:

1. Bulk paper copy.
2. Printing/Mylars.
3. Express or overnight mail/courier service.

The City will not incur any cost for travel, travel time, phone calls, faxes or incidental printing or copying

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

PBK-WLC

By:_____ Date: _____

Kelley Needham, Managing Partner

"A City That Works"

City Council/Successor Agency Meeting **I. 10.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve the agreement with LSC Destruction, LLC, to complete destruction and disposal of firearms that need to be disposed of in property and evidence (Chief of Police Catren)

MOTION(S):

If the City Council determines that the staff's recommendation is appropriate, the following motion is provided:

I move to approve the agreement with LSC Destruction, LLC, to complete the destruction and disposal of firearms that need to be disposed of in property and evidence.

RECOMMENDATION:

Staff recommends that Council approve the agreement with LSC Destruction, LLC, to complete the destruction and disposal of firearms that need to be disposed of in property and evidence.

DISCUSSION:

It is the policy of the Redlands Police Department to dispose of property (not held pending a criminal investigation or proceeding) that has been held for six months or longer, where the owner has not been located or fails to claim the property. Firearms are included in this policy, and due to the nature of firearms, disposing of them has been time-consuming, costly and difficult. LSC Destruction, LLC, is a full service, onsite firearms destruction company. LSC Destruction, LLC, travels to the department, confirms the inventory, sets up their equipment and destroys all firearms designated for destruction. The company scraps the lower portion of the firearm and retains the upper and non-serialized parts for resale. The company provides a certificate of the work completed, and pays for parts that they retain for resale. There is no charge for this service, and there is a possibility of revenue should the company choose to retain usable

parts for resale.

ALTERNATIVES:

Attempt to locate another suitable location and agreement which may cost money.

STRATEGIC PLAN:
NA

SUBMITTED BY:
Christopher R. Catren, Chief of Police

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Daniel J. McHugh, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Rachel Tolber, Commander

Fiscal Impact

Fiscal Year:	FY 2021-22
Revenue Generating:	N
Appropriation Required Y/N:	N
Budgeted Y/N:	N
Discussion:	

Attachments

LSC Agreement

SERVICES AGREEMENT

This Services Agreement ("**Agreement**") is entered into by and between LSC Destruction, LLC ("**LSC**") and City of Redlands, a municipal corporation ("**City**") as of this 7th day of June, 2022.

1. Breakdown, Destruction and Removal of Firearm Parts. On the date or dates agreed upon by the parties, LSC shall take all actions reasonably necessary to break down, destroy and remove all firearm parts supplied by City at City's site at 1270 W. Park Avenue and/or 35 Cajon Street, Redlands CA ("**Premises**") in accordance with LSC's standard procedures and all applicable government regulations and workplace safety guidelines. LSC will provide all necessary equipment, supplies and labor to the Premises, with the exception of commonly available items such as tables and chairs. Upon completion of the firearm break down, LSC will provide City with a portion of the firearm receiver (typically including the serial number) as proof of the physical destruction of the firearm receiver. LSC will retain all other portions of the firearm. LSC will sweep and clean any area LSC uses on the Premises to bring it to the condition it was in on LSC's arrival. Any additional terms and/or modifications to the terms of this Agreement are as specified on the Addendum attached hereto and made a part hereof. This is a continuing Agreement and the parties agree that it applies to all services provided by LSC to City until one party gives the other written notice of the termination of this Agreement.

2. City's Obligations. City shall deliver each firearm to LSC in a safe condition, unloaded and clear of magazines and ammunition. LSC may terminate this Agreement immediately if the City fails to satisfy the above condition. City shall provide at no cost to LSC a working space at the Premises. City is required to have an officer or evidence technician present to oversee the destruction process and ensure compliance with City policies.

3. Consideration. LSC will pay City a fee and remove all firearm parts (except as provided in Section 1 above) in exchange for title to the remaining parts. City agrees and acknowledges that LSC will give City an initial quote for the fee prior to LSC's provision of services under this Agreement based on the assumption that all firearms and parts are in satisfactory condition, but that quote is subject to change based on the actual condition of the firearms and parts presented by City to LSC. LSC will process such payment within fifteen (15) business days after completion of its work on the Premises and completion of the "Destruction Follow Up & Compensation" form which is provided by LSC at the end of the destruction.

4. Indemnification by City. City shall indemnify, save harmless and defend LSC, and its members, managers, agents, and employees and each of them against and hold it and them harmless from any and all lawsuits, claims, demands, liabilities, losses and expenses, including court costs and reasonable attorneys' fees, for or on account of any injury to any person, or any death at any time resulting from such injury, or any damage to any property, which may arise or which may be alleged to have arisen as a result of a breach of this Agreement by City or the gross negligence or willful misconduct of City.

5. Limitation on Damages and Liability. City does hereby fully release and discharge LSC, its members, managers, agents and employees from any liability or any loss, cost, damage, expense, injury or death arising from or in any manner connected with the removal and/or receipt

of the firearm parts except as otherwise provided in this Agreement. IN NO EVENT WILL EITHER PARTY BE LIABLE FOR ANY LOST REVENUES, DATA, OR PROFITS, OR SPECIAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES WITH RESPECT TO ANY CLAIMS THAT MAY ARISE OUT OF OR IN CONNECTION WITH THIS AGREEMENT, EVEN IF SUCH PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

6. Insurance. Before beginning any work under this Agreement, LSC, at its own cost and expense, shall procure the types and amounts of insurance detailed below and, on City's written request, provide Certificates of Insurance, indicating that LSC has obtained or currently maintains insurance that meets the requirements of this section and which is reasonably satisfactory, in all respects, to City.

6.1 Workers' Compensation. LSC shall maintain Statutory Workers' Compensation Insurance pursuant to the provisions of applicable law. Statutory Workers' Compensation Insurance shall be provided with limits of not less than ONE MILLION DOLLARS ($1,000,000.00) per accident, ONE MILLION DOLLARS ($1,000,000.00) disease per employee, and ONE MILLION DOLLARS ($1,000,000.00) disease per policy. Notwithstanding the foregoing, LSC need not obtain Workers' Compensation Insurance if LSC does not have employees.

6.2 Commercial General Liability. LSC shall maintain commercial general liability insurance for the term of this Agreement on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than ONE MILLION DOLLARS ($1,000,000.00) per occurrence. Such coverage shall include but shall not be limited to, protection against claims arising from bodily and personal injury, including death resulting therefrom, and damage to property resulting from the services contemplated under this Agreement.

6.3 Automobile Liability. LSC shall maintain automobile liability insurance for the term of this Agreement covering any auto (Code 1), or if LSC has no owned autos, hired (Code 8), and non-owned autos (Code 9), with limit no less than ONE MILLION DOLLARS ($1,000,000.00) per occurrence, combined single limit coverage, for risks associated with the services contemplated by this Agreement.

7. Entire Agreement. This Agreement constitutes the complete and exclusive agreement between the parties pertaining to the destruction and removal of the firearm parts, and supersedes in their entirety any and all written or oral agreements previously existing between the parties with respect to such subject matter.

8. Subcontractors Prohibited. LSC shall not contract with any other entity to perform in whole or in part the services required hereunder without the prior written approval of City. City agrees and acknowledges that LSC utilizes independent contractors in providing some of the services and that such independent contractors are not subcontractors under this Agreement.

9. Attorney's Fees. If either party to this Agreement brings any action, including an action for declaratory relief, to enforce or interpret the provision of this Agreement, the prevailing

party shall be entitled to reasonable attorneys' fees and expenses including costs, in addition to any other relief to which that party may be entitled. The court may set such fees in the same action or in a separate action brought for that purpose.

10. Applicable Law; Venue. The internal laws of the State of California shall govern the interpretation and enforcement of this Agreement. In the event that either party brings any action against the other under this Agreement, the parties agree that venue for the trial of such action shall be exclusively in San Bernardino County.

11. Severability. If any provision of this Agreement is held invalid, the remainder of this Agreement shall not be affected thereby and all other parts of this Agreement shall nevertheless be in full force and effect.

The parties, through a duly authorized officer, have executed this Agreement as of the date set forth above.

LSC DESTRUCTION, LLC	CITY OF REDLANDS
By: _____	By: _____
Name: Alex Zorensky	Name: Paul T. Barich
Title: President	Title: Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

ADDENDUM

Additional and/or modified terms are as follows (enter "None"' if no changes):

Initials: _____ _____

LSC City of Redlands

"A City That Works"

City Council/Successor Agency Meeting **I. 11.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve the Second Amendment to the Professional Services Agreement with Environment Planning Development Solutions, Inc., for a one-year time extension to prepare an Environmental Impact Report and related technical analysis for the Transit Villages Specific Plan project (Development Services Director Desatnik)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move that the City Council approve the Second Amendment to the Professional Services Agreement with Environment Planning Development Solutions, Inc.

RECOMMENDATION:

Staff recommends that City Council approve the Second Amendment to the Professional Services Agreement for professional environmental consulting services between the City of Redlands and Environment Planning Development Solutions, Inc., to complete the Environmental Impact Report for the Transit Villages Specific Plan project.

DISCUSSION:

The City previously retained Environment Planning Development Solutions, Inc. (dba EPD Solutions) to prepare the Environmental Impact Report (EIR) and related technical studies for the Transit Villages Specific Plan in compliance with the California Environmental Quality Act (CEQA). The City's environmental consultant is currently in the process of preparing the Notice of Preparation (NOP) for the EIR that is required prior to adoption of the Transit Villages Specific Plan. Prior to any decision or action to adopt the Transit Villages Specific Plan, it is required to undergo environmental review in accordance with

CEQA.

The City Council authorized the Professional Services Agreement on December 17, 2019, with an expiration date of June 30, 2021. The City Council approved a First Amendment on June 1, 2021, extending the agreement by one year to June 30, 2022. Work on the Draft EIR began in 2021 and the administrative draft has been largely completed. Completing the EIR preparation process requires an extension for the remainder of 2022.

Approval of the Second Amendment to the Professional Services Agreement is exempt from environmental review under CEQA Guidelines Section 15061(b)(3), which provides that CEQA applies only to projects which have the potential for causing a significant effect on the environment. There is no possibility that the approval of this Second Amendment may result in a significant effect on the environment.

ALTERNATIVES:

The City Council may wish to not approve the Agreement and provide alternative direction to staff. However, allowing the Agreement with EPD Solutions to expire will delay adoption of the draft Transit Villages Specific Plan.

STRATEGIC PLAN:

This item is related to prior Objective D-3 pertaining to the General Plan Update. Adoption of the Transit Villages Specific Plan will implement Policy 4-P.51, “Complete a Transit Village Plan,” contained in the 2035 General Plan.

SUBMITTED BY:
Brian Desatnik, Development Services Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Brian Foote, City Planner/Planning Manager

Fiscal Impact

Fiscal Year: 21-22

Appropriation Required Y/N: No

Discussion:

Adequate funds for preparation of the EIR document were provided in the current Development Services Department budget. The City will be utilizing State grant funds from the SB 2 Planning Grants Program and the Local Early Action Planning Grants Program to reimburse most of the cost for preparing the EIR.

Attachments

Attachment A: Second Amendment

Attachment B: Professional Services Agreement

SECOND AMENDMENT TO AGREEMENT TO PERFORM PROFESSIONAL SERVICES

This second amendment ("Second Amendment") to the agreement for the provision of Professional Services ("Agreement") dated December 17, 2019 by and between the City of Redlands, a municipal corporation ("City"), and Environment Planning Development Solutions, Inc., dba EPD Solutions, Inc., a California corporation ("Consultant"), is made and entered into this 7th day of June, 2022.

RECITALS

WHEREAS, it is the desire of the City and Consultant to amend their existing Agreement to extend the time for completion of the services to June 30, 2023;

NOW, THEREFORE, City and Consultant agree as follows:

AGREEMENT

Section 1. Section 4.1 of the Agreement, titled "Performance of Services" is hereby amended to read as follows:

"4.2 Consultant shall complete the Services by June 30, 2023, unless the Services are terminated earlier as provided for herein."

Section 2. All other provisions of the Agreement shall remain unchanged by this Second Amendment and in effect.

IN WITNESS WHEREOF, the parties have executed this Second Amendment, to be effective as of June 7, 2022.

CITY OF REDLANDS

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

E.P.D. SOLUTIONS, INC.

By: _____
Jeremy Krout, President/CEO

AGREEMENT TO PERFORM PROFESSIONAL SERVICES

This agreement for the provision of professional environmental consulting services ("Agreement") is made and entered in this 17th day of December, 2019 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("City") and Environment Planning Development Solutions, Inc., dba EPD Solutions, Inc., a California corporation ("Consultant"). City and Consultant are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Consultant agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONSULTANT

1.1 City hereby engages Consultant to provide professional environmental consulting services for the environmental analysis and environmental document preparation related to the Transit Villages Specific Plan project for City (the "Services").

1.2 The Services shall be performed by Consultant in a professional manner, and Consultant represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional consultants in the industry providing like and similar types of Services.

ARTICLE 2 – SERVICES OF CONSULTANT

2.1 The Services that Consultant shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by reference.

2.2 Consultant shall comply with applicable federal, state and local laws and regulations in the performance of this Agreement including, but not limited to, State prevailing wage laws.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City shall make available to Consultant information in its possession that may assist Consultant in performing the Services.

3.2 City designates Brian Desatnik, Development Services Department Director, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 Consultant shall perform and complete the Services in a prompt and diligent manner in accordance with the schedule set forth in Exhibit "B," titled "Project Schedule," which is attached hereto and incorporated herein by reference.

4.2 Consultant shall complete the Services by June 30, 2021, unless the Services are terminated earlier as provided for herein.

4.3 If Consultant's Services include deliverable electronic visual presentation materials, such materials shall be delivered in a form, and made available to the City, consistent with City Council adopted policy for the same. It shall be the obligation of Consultant to obtain a copy of such policy from City staff.

ARTICLE 5 – PAYMENTS TO CONSULTANT

5.1 Total compensation for Consultant's performance of the Services shall not exceed the amount of three hundred ninety nine thousand eight hundred nineteen dollars ($399,819.00). City shall pay Consultant on a time and materials basis up to the not to exceed amount in accordance with Exhibit "C," titled "Compensation," which is attached hereto and incorporated herein by reference.

5.2 Consultant shall submit monthly invoices to City describing the Services performed during the preceding month. Consultant's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom, and a description of reimbursable expenses related to the Services. City shall pay Consultant no later than thirty (30) days after receipt and approval by City of Consultant's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile, if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

City	Consultant
Brian Desatnik	Konnie Dobreva, J.D.
Development Services Director	Director of Environmental Planning
City of Redlands	EPD Solutions, Inc.
35 Cajon Street, Suite 20	2 Park Plaza, Suite 1120
P.O. Box 3005 (mailing)	Irvine, CA 92614
Redlands, CA 92373	E-mail: konnie@epdsolutions.com
Telephone: (909) 798-7555 option 2	Telephone: (949) 794-1183
E-mail: bdesatnik@cityofredlands.org	Fax: (949) 752-0597

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Consultant for the duration of its performance of the Services. Consultant shall not perform any Services unless and until the required insurance listed below is obtained by Consultant. Consultant shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Consultant is self-insured or exempt from the workers' compensation laws of the State of California. Consultant shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Consultant owned vehicles used in connection with Consultant's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

D. Consultant is expressly prohibited from assigning or subcontracting any of the Services without the prior written consent of City. In the event of mutual agreement by the Parties to assign or subcontract a portion of the Services, Consultant shall add such assignee or subcontractor as an additional insured to the insurance policies required hereby and provide City with the insurance endorsements prior to any Services being performed by the assignee or subcontractor.

6.2 Consultant shall defend, indemnify and hold harmless City and its elected officials, employees and agents from and against any and all claims, losses or liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of, Consultant, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Consultant covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Consultant's Services. Consultant further covenants and represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Consultant agrees it is not a designated employee within the meaning of the Political Reform Act because Consultant:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;
(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;
(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Consultant must disclose its financial interests, Consultant shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Consultant shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, results in City's immediate termination of this Agreement.

8.3 Consultant is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor its agents shall have control over the conduct of Consultant or Consultant's employees, except as herein set forth. Consultant shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Consultant are for its account only, and in no event shall Consultant or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Consultant shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Consultant have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Consultant of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Consultant's compensation shall be made, but (1) no amount shall be allowed for anticipated profit or unperformed Services, and (2) any payment due Consultant at the time of termination may be adjusted to the extent of any additional costs to City occasioned by any default by Consultant. Upon receipt of a termination notice, Consultant shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by Consultant in performing the Services. Consultant shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Consultant shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Consultant pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Consultant.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Consultant.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or

sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Consultant have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul W. Foster, Mayor

Attest:

_____
Jeanne Donaldson, City Clerk

ENVIRONMENT PLANNING DEVELOPMENT SOLUTIONS, INC.

By: _____
Jeremy Krout, President/CEO

EXHIBIT "A"
SCOPE OF SERVICES

[Attached]

ENVIRONMENT | PLANNING | DEVELOPMENT SOLUTIONS, INC.

CEQA SERVICES SCOPE OF WORK

The following tasks are proposed to complete the environmental documentation for the Transit Villages Specific Plan project assuming approximately 2,400 dwelling units, 265,000 square feet of retail/commercial and 238,000 square feet of office uses. The Transit Villages Specific Plan project, prepared by the City's planning consultant, will include the necessary General Plan amendment components (e.g., text, maps, and exhibits), which will be analyzed in the CEQA document prepared by EPD. In the sections that follow, more details are provided regarding how each task will be accomplished, which team members will be responsible for each task, and the work products that will be produced.

- Task 1. Project Initiation, Review of Existing Studies, Background Research, Prepare CEQA Outreach Strategy and Initiate Technical Studies
- Task 2. Preparation of CEQA Project Description
- Task 3. Technical Studies
- Task 4. Initial Study/Notice of Preparation and Scoping Meeting
- Task 5. Administrative Draft EIR
- Task 6. Pubic Review Draft EIR, Notice of Availability, and Notice of Completion
- Task 7. Final EIR, Mitigation Monitoring & Reporting Program, Response to Comments, Statement of Overriding Considerations, and Notice of Determination
- Task 8. Project Management and Meetings
- Task 9. Hearings

The following scope of services details the process that EPD proposes to use to efficiently produce a reliable, quality, and defensible Specific Plan EIR for the City of Redlands. This scope of work considers and relies upon the 2035 General Plan EIR and technical studies, where appropriate.

TASK 1. PROJECT INITIATION, BACKGROUND RESEARCH, CEQA TECHNICAL STUDY AND STRATEGY INITIATION

1.1 Project Initiation Meeting

As a first step in project implementation, EPD will schedule a kick-off meeting with City staff within two weeks of Notice to Proceed. EPD representatives (Jeremy Krout, Konnie Dobreva and Meghan Macias), Material Culture Consulting and Urban Crossroads will attend the meeting, along with City staff and Moule & Polyzoides staff. EPD will coordinate with City staff and the consultant team to complete the following tasks, some of which have been initiated in order to prepare this scope of work:

1. Clarify roles and responsibilities, establish communication protocols, and confirm project objectives;
2. Obtain any available background information on the project, project plans, comments on the graphics and plans in the latest draft of the Specific Plan, existing relevant technical studies, and any other pertinent information;
3. Discuss parameters of project alternatives, as required for the EIR analysis;
4. Confirm the adequacy of projects used for cumulative analysis;
5. Discuss the adequacy of existing technical studies and the general scope of technical studies required of the EPD team; and

6. Refine the Specific Plan and EIR preparation schedule as needed.

1.2 Background Research

With the input received during the project initiation meeting in mind, EPD will conduct a more refined review of the certified 2035 General Plan EIR and its supporting technical studies to refine the scope of work for the CEQA approach and to identity additional data needs.

EPD will also update the project schedule and any other assumptions made herein and submit it to City staff for approval.

EPD will perform a detailed review of the existing conditions analysis, documentation from community outreach, land use planning efforts, and available analysis, maps and sections of the draft Specific Plan prepared by Moule & Polyzoides, the specific plan consultant, to gain a solid understanding of the work accomplished to date. With a thorough understanding of the existing documents and data, EPD will meet with City staff to gather input and discuss desired modifications and expected additions to the draft Specific Plan.

1.3 Prepare CEQA Outreach Strategy and Initiate Technical Studies

To meet the project's aggressive schedule, while the Specific Plan's project description is being prepared EPD will create the CEQA outreach strategy including identifying the community and agency stakeholders, confirm the agency outreach list, Initial Study/NOP mailing list, and draft the interagency outreach questionnaires (water, sewer, police, fire, school district, etc.)

Furthermore, once the geographic area of the Specific Plan is finalized, any technical studies that can be kicked off, such as the traffic study scope of work (e.g., traffic counts depending on the final number of units which will influence the number of intersections), noise measurements, and Cultural and Paleontological Resources Report outlined in Task 3.4, will be initiated.

Deliverables:

- Kick-off meeting notes with updates to project assumptions, needs and recommendations, if needed, in a memorandum form.
- Background research.
- Refined project schedule.
- Identification of additional data requirements.
- Bi-weekly conference calls with City's and Architect's project team.

TASK 2. PREPARATION OF CEQA PROJECT DESCRIPTION

Upon completion of the Specific Plan project description, the next critical step in the EIR and technical study preparation process is the finalization of the CEQA project description. Successful CEQA compliance requires a clear definition of the project and its components. The project description will be revised to ensure it is complete, comprehensive, and finite in order to analyze the impacts accurately and fully.

As appropriate, the EPD team will confer with City staff to discuss the potential environmental impacts of the proposed project. This early evaluation of impacts will inform the Specific Plan and allow the City to consider modifications to the Specific Plan in order to minimize environmental impacts — a process known as "mitigation by design" through the use of performance standards. This process will be aided, simplified, and enhanced by the EPD team's already-extensive knowledge of Specific Plans and how environmental conditions can impact a project area and how CEQA can be streamlined in the future.

EPD will submit a draft of the revised Project Description to the City for confirmation that the scope of analysis for the EIR is accurate and complete. Revisions will be made as directed by the City. Based on the Specific Plan's project description and resulting likely environmental impacts that will be identified during the CEQA project description, the project team will determine whether a Subsequent or a Supplemental EIR should be prepared.

Deliverable:

- CEQA Project Description
- Participation at biweekly conference calls with City staff, including meeting preparation and follow-up.

TASK 3. TECHNICAL STUDIES

As part of this proposal, the EPD team intends to prepare the technical studies listed below. Based on an initial review of the existing 2035 General Plan EIR and technical studies and conversations with City Staff, although programmatic, the technical studies need to be at a sufficient level of detail in order to allow future development projects to tier off of the Program EIR's analysis.

This scope of work includes the following technical studies:

- Traffic Impact Analysis (EPD and Translutions)
- Air Quality Impact Analysis & Greenhouse Gas Analysis (Urban Crossroads)
- Noise Impact Analysis (Urban Crossroads)
- Cultural and Paleontological Analysis (Material Culture Consulting)
- Energy Analysis (Urban Crossroads)

The City considers the Specific Plan a planning level document for a project that includes residential dwelling units pursuant to California Water Code section 10912 that would demand an amount of water equivalent to, or greater than, the amount of water required by a proposed 500 dwelling unit project. We have included the cost, qualifications for Fuscoe Engineering as Exhibit A of this proposal. In the absence of a Specific Plan project description related to development density and location, it is not possible to provide a project-specific hydrology and water quality scope of work. This scope of work assumes that Crabtree Group's hydrology, sewer and water quality anbayises will be sufficient, and that upon implementation of regulatory requirements and General Plan goals and policies, and performance standards, buildout of the Specific Plan would not result in significant impacts related to flood hazards. As part of the EIR task, the scope of work includes a small budget for Fuscoe Engineering to peer review available studies and in support of the Program EIR.

A summary of the scope for proposed studies is provided, as follows:

3.1 Traffic Impact Analysis

The scope for the Transportation Impact Analysis (TIA) will include analysis of both vehicle trips generated by the project planning areas, as well as the project's effect on vehicle miles traveled. The study area for the TIA will be comprised of intersections providing access to the transit station, as well as those that could be affected by residents traveling to the planning areas to utilize the rail transit. Delay will be assessed using the methodologies provided in the San Bernardino County Congestion Management Program (CMP) TIA guidelines. VMT will be evaluated using the San Bernardino Transportation Analysis Model (SBTAM) and methods set forth in the *Technical Advisory on Evaluating Transportation Impacts in CEQA*. As part of the

work effort, VMT thresholds will be developed for future projects within the specific plan area. As an optional task, a citywide VMT threshold could also be created for use on projects throughout the City.

The TIA will be prepared in sufficient detail so that projects consistent with the unit count and density in the Specific Plan would not need to prepare a TIA or a VMT analysis. It is anticipated that development projects that are consistent with the Specific Plan would need to prepare an access analysis to demonstrate the sufficiency and safety of project access, however a full-scope TIA would not be required.

Document Review and Trip Generation Analysis: In order to identify appropriate trip generation rates for transit-oriented development, EPD will undertake a review of recent studies documenting trip reduction factors in infill and Transit Oriented Development (TOD) areas. The effects of increases in residential density will be identified and factors applicable to the proposed planning areas will be developed. Vehicle trips will be generated for the project using information from the Institute of Transportation Engineers (ITE) and adjustment factors for infill and TOD areas.

Study Area Determination: The study area will be determined based on the project trip generation and will include signalized intersections of collector or higher classification roadways where the project has the potential to add 50 or more peak hour trips. The trip generation for the project will be generally based on the ITE Trip Generation Manual and adjusted to reflect the project's TOD & infill character. The study area will be determined once a project description has been finalized as study locations would be dependent on the proposed unit count and commercial square footage proposed in each planning area. It is anticipated that 44 intersections would be included in the study area, however this is a preliminary estimate and the study area will be determined once the project description is finalized. If a significant number of additional intersections need to be included due to the size of the project, then then the scope of the traffic study may need to be amended.

Existing Conditions Analysis: Existing AM and PM peak hour traffic counts will be collected at study area intersections. Traffic counts will be collected during a typical weekday (Tuesday, Wednesday or Thursday) while area schools are in session. An analysis of the existing LOS at study intersections will be prepared using the HCM 6th Edition methodology.

Update and Run SBTAM: It is anticipated that three zones will be created to reflect the project area. The project's land use data will be converted to socio economic data using factors from the Southern California Association of Governments. The model will be run using the 7-loop convergence methodology used by SBCTA and SCAG.

Project Traffic Analysis: The study will include evaluation of the following six scenarios:

- Existing Conditions
- Existing plus Project Conditions
- Interim Year (corresponding to initial development year)
- Interim Year plus Project
- General Plan Buildout
- General Plan Buildout plus Project

Future Interim Year and Buildout traffic volumes will be developed by post-processing the raw traffic model data using the NCHRP 765 methodology. Growth rates identified for the Buildout Year will be factored to represent growth between existing conditions and the Interim Year. Cumulative development projects will be identified and included in the Interim Year analysis. Future intersection volumes will be evaluated using the Highway Capacity Manual (HCM) method for signalized intersections.

To determine with-project traffic volumes, traffic volumes from the proposed Specific Plan development areas will be added to the baseline traffic volumes. Project impacts will be evaluated using the thresholds found in Measure U, the City's General Plan and the San Bernardino CMP, as applicable.

Vehicle Miles Traveled (VMT) Analysis: An analysis of VMT will be prepared for the current General Plan and for the proposed Specific Plan. VMT will be presented as a per-capita figure, likely the VMT per population will be used since the project would have a significant amount of residential land use. The change in VMT as a result of the project will be documented on a per-capita basis. To assess the VMT results, a threshold will need to be established. The OPR Guidelines and SB-743 state that VMT thresholds be based on existing VMT. Therefore, we recommend that the VMT threshold be based on the base year of the model that would most accurately reflect current VMT. The model will be run to identify the VMT for San Bernardino County, and the City of Redlands. The OPR provides flexibility in terms of which of the three factors identified above is used in the analysis. Therefore, the specific metric will be based on discussion with City staff. In addition, the threshold of impact will have to be identified as part of the process. Since the project is a Specific Plan, there is flexibility to set thresholds for VMT for future projects in the Specific Plan Area. Since Measure U and SB-743 are two distinct and potentially conflicting metrics, the specific thresholds will be based on discussion with City staff. Because of the unique nature of the project land use pattern, it is likely that the VMT threshold developed for Specific Plan developments will not be applicable citywide. As an optional task (outlined below), a citywide VMT threshold could be developed.

Mitigation Measures: Based on the results of the traffic LOS analysis and the VMT analysis outlined above, EPD will work with the City to develop appropriate and feasible mitigation measures to offset any significant traffic impacts (where required). The mitigation measures may be in the form of physical roadway improvements to increase capacity (such as street or intersection widening) or through project design features that would reduce vehicle trips or VMT. LOS and per-capita VMT with the mitigation implemented will be documented in the TIA Report.

TIA Report: EPD will prepare a formal report that summarizes the methodologies of the traffic analysis and modeling procedures; the study area intersection and roadway segment LOS; and mitigation measures. The TIA report will include all required text, tables, figures, and appendices. A draft TIA will be provided to the City for review. EPD will respond to, and update the TIA, for up to two rounds of review by City staff. EPD will incorporated comments received into a final TIA for incorporation into the environmental document.

Meetings: It is anticipated that close coordination with City Planning and Public Works staff will be critical in developing trip generation estimates as well as identifying an appropriate VMT threshold for the SP area. As such, it is anticipated that EPD transportation staff will attend up to 2 meetings related to the preparation of the transportation impact analysis. Additionally, EPD transportation staff will attend 2 public hearings related to approval of the environmental document.

Deliverables:

- Draft Traffic Study (2 print copies; electronic format (Word and PDF)
- Final Traffic Study (2 print copies; electronic format (Word and PDF)
- 1 in-person coordination meeting; 2 public hearings; 4 hours for conference calls

3.2 Air Quality Impact Analysis & Greenhouse Gas Analysis

Urban Crossroads will perform the Air Quality Impact and Greenhouse Gas Analysis for the Transit Villages Specific Plan using the TIA analysis conducted by EPD. Modeling outputs will be provided and incorporated into the appropriate EIR sections.

Air Quality Impact Analysis

- Evaluate the existing conditions of the project study area; this will include gathering background air quality data, local wind patterns in the study area and identifying applicable rules, plans and thresholds of significance.
- Qualitatively discuss construction-related air quality impacts associated construction activities
- Quantitatively evaluate operational emissions for the proposed project, based upon land use and trip generation projections provided by the City. It is anticipated that the SCAQMD-approved California Emissions Estimator Model (CalEEMod) will be utilized for emissions quantification. The scope of work assumes up to 2 operational modeling scenarios will be prepared, which may include an existing conditions and future year analysis scenario.
- A screening-level CO Hotspot analysis of future conditions at key intersections located in the project study area will be prepared. It is anticipated that a qualitative discussion on CO Hotspot potential and rationale as to why more detailed modeling of CO Hotspot analysis is not required.
- Review the existing and proposed land uses pursuant to the General Plan Update and identify major pollutant sources and relative location to sensitive land uses. As part of this task, a qualitative assessment on potential risks from toxic air contaminants (TACs) will be provided. Information available from the SCAQMD or CARB will be utilized to provide recommendations on land use compatibility and appropriate buffer distances between sources of major pollution and relative location to sensitive land uses.
- Identify recommended mitigation measures that will reduce any potential impacts to the maximum extent possible.
- Prepare an air quality report that incorporates the findings and all supporting calculations.
- Revise the air quality study based on one round of comments provided by the City.

GHG Analysis

- Evaluate applicable federal and state regulatory requirements (i.e., AB32, SCAQMD, CARB thresholds). Qualitatively discuss the effects of GHG emissions on regional air quality.
- Review the City of Redlands Climate Action Plan (CAP), applicable GHG inventory, targets, gap analysis, reduction strategies. Based on a review of the City of Redlands CAP an appropriate project-level threshold will be utilized for the specific plan.
- Qualitatively discuss construction-related GHG emissions that may be generated as a result of the specific plan.
- Quantitatively evaluate operational emissions for the proposed project, based upon land use and trip generation projections provided by the City. It is anticipated that the SCAQMD-approved California Emissions Estimator Model (CalEEMod) will be utilized for emissions quantification. The scope of work assumes up to 2 operational modeling scenarios will be prepared, which may include an existing conditions and future year analysis scenario.
- Identify recommended mitigation measures that will reduce any potential impacts to the maximum extent possible.
- Prepare a greenhouse gas emissions report documenting the results of the study. The report will summarize the results of the previous work tasks and define appropriate and feasible mitigation packages to address any significant impacts related to climate change found in the analysis.
- Prepare modeling outputs to incorporate as an appendix to the EIR.

3.3 Noise Impact Analysis

Urban Crossroads will assist with evaluating the noise impacts of the Transit Village Specific Plan as detailed in the following scope. Modeling outputs will be provided and incorporated into the appropriate EIR sections.

Existing Conditions:

- Identify and review applicable, Federal, State and Local Noise criteria. This includes the City of Redlands Noise Element and Municipal Code to determine appropriate noise standards and significance criteria.
- Review the Project study area to identify noise-sensitive uses as well as the source and location of potential noise generators such as the proposed SBCTA Arrow Rail Line and State Route 10. This information will be used to select the noise monitoring locations.
- Collect long-term 24-hour ambient noise level measurements in the Project study area at up to 10 locations to quantify the existing noise environment. All noise level measurement equipment will satisfy American National Standards Institute standard specifications for sound level meters ANSI S1.4-2014/IEC 61672-1:2013. The noise level measurements will be collected consistent with the criteria outlined in the City's Municipal Code. Briefly describe the ambient noise conditions in the Project study area.
- Develop an existing conditions noise prediction model representing the existing roadway network facilities, and special noise generators. The existing conditions noise model will be based on the existing noise measurements and used to calculate the existing noise contours for roadway segments / noise receiver locations throughout the Project study area.

Transportation Noise Analysis:

- Identify the average daily traffic and rail volumes and related noise levels for existing and long-range conditions from the project TIA and available sources.
- Calculate the existing and future noise level contour boundaries for the baseline (existing) conditions and future conditions on up to 44 study area roadway segments.
- Calculate the future Project contributions by comparing the "with" and "without" Project noise contours on the study area roadways for the proposed Project. Determine if the Project will create a significant noise impact on any analyzed roadway segments.
- Provide an exterior noise analysis at Project land uses and identify potential mitigation to satisfy the appropriate City of Redlands exterior noise level criteria.
- Estimate the interior noise levels for the Project. Identify potential interior noise impacts and recommend mitigation measures (minimum sound transmission class ratings) needed to meet the City of Redlands interior noise level standards.

Rail Vibration Analysis:

- Utilize the Federal Transit Administration (FTA) General Vibration Assessment methodology to determine potential future vibration levels from study area railroad lines.
- Provide an exterior vibration level analysis at Project land uses and identify potential mitigation to satisfy the appropriate FTA standards.

Operational Noise Analysis:

- Collect reference noise level measurements to represent the expected stationary source impacts associated with the proposed Transit Villages Specific Plan Project land uses including, but not limited to: roof-top air conditioning units, parking lot vehicle movements, and truck loading activity.
- Evaluate the potential stationary source noise impacts associated with the operation of the proposed Project and recommend mitigation measures to reduce the potential noise impacts to any nearby noise-sensitive uses.

Construction Analysis:

- Based on input from the project team and the Air Quality study, identify the mix, quantity and duration of planned construction activities.

- Assess potential noise impacts associated with temporary construction activities at the project site using reference noise level measurements of similar activities.
- Provide a noise impact and vibration analysis associated with temporary construction activities at the project sites and estimate the impacts expected at nearby noise-sensitive uses.
- The analysis will assess the construction noise levels at surrounding noise-sensitive receptor location taking into account the distance and existing noise barriers.
- Recommend the appropriate mitigation and abatement measures to ensure that the noise and vibration impacts satisfy the City of Redlands criteria and established CEQA thresholds of significance.

Prepare Study and Respond to Comments:

- Urban Crossroads will summarize the results of the study in a noise impact analysis report addressing the potential impacts associated with the project and provide the appropriate mitigation measures to reduce the impacts to levels of less than significant.
- Revise the noise study report based on one round of comments provided by the City.

3.4 Cultural and Paleontological Analysis

Material Culture Consulting (MCC) will prepare the cultural and paleontological analysis for incorporation into the Draft EIR, and will be available to assist the City and EPD Solutions with Assembly Bill 52 (AB 52) support, as needed.

Review of Existing Cultural Resources Records Search and Development of Specific Plan Historic Context: MCC will review the existing cultural resources records search data data and the City of Redlands Historic Context, and extract and synthesize the data within of the Specific Plan

MCC will also identify any Properties on the City's list of Designated Historic Resources within the Specific Plan area. The Citywide Historic Context Statement will be reviewed and referenced in conjunction with the General Plan, General Plan EIR, and Existing Conditions report of the Specific Plan Area. At the outset of this contract, it is recommended that we engage the Historic and Scenic Preservation Commission, first to glean information about past projects, current themes of research, and to request assistance in reviewing historic documents. But secondly, the Commission would be able to provide valuable insight and participation, to identify the nuanced challenges relating to historic preservation as a result of implementing this Specific Plan, and how success can be best achieved through collaboration with the Specific Plan Developers and City stakeholders - including City staff, council members, commissioners, and residents.

Native American Outreach: Material Culture will contact the Native American Heritage Commission (NAHC) to request review of the Sacred Lands File and for a list of culturally affiliated tribes and interested parties in the general region of the Specific Plan area. Upon receipt of the results of the Sacred Lands File review and the list of names, we will send information-gathering letters to each of the individuals and groups on the list. This is not considered formal consultation. If we do not receive a response from any given party, we will make two follow-up attempts by using the information provided by NAHC. We will record the time and date of the initial outreach letters, and the follow up phone calls/email attempts. The results of our outreach efforts will also be included in the technical report. The City of Redlands has initiated the Senate Bill 18 (SB 18) consultation process, and assumes the City of Redlands will conduct all formal consultation efforts, if needed, as per AB 52. This scope of work assumes 2 hours of coordination/attendance on a conference call if needed, to inform the City of our findings and provide information for consultation efforts.

Paleontological Resources Locality Search and Desktop Review: Paleontological review is a requirement of CEQA and potential impacts to paleontological resources is necessary to prepare a complete CEQA environmental document. MCC will complete the paleontological desktop level review of the Specific Plan area. The Plan area will be mapped onto the highest resolution geologic maps available. Paleontological

research will be conducted to determine if previous fossil localities are known within or near the region. Record searches will be requested from the Los Angeles County Museum of Natural History. In addition, available online databases, published and unpublished literature, and geologic maps will be reviewed to determine the paleontological and geological context of the Specific Plan area.

Coordination with Specific Plan Preparers and City Staff/Commissioners: Per the instructions in the RFP, this is assumed a collaborative effort and that the preparation of the EIR will occur on a parallel path as development of the Specific Plan. This approach allows for dialogue to occur between the consultant and Specific Plan authors in an attempt to consider all potential impacts during the design process - and leading from this - implement mitigation by design during Specific Plan Development process. It is our goal to provide a thorough consideration of all cultural resources within our document, to guide the development of mitigation measures which can be tailored to each specific project that evolves within the Specific Plan area. MCC will consider the well-documented ethnic communities which are part of the historic fabric of Redlands, as well as the presence of several prominent historic buildings and community spaces. The City Architectural Guidelines will also provide a framework for proposing design standards for new structures (and adaptive reuse) to achieve a cohesive look to development throughout the Specific Plan area, which considers and values historic architectural details and elements of design. This type of Specific Plan offers the City an opportunity to showcase the decades of hard work the City has invested in historic preservation, and to key into the themes that the City finds most important to highlight.

3.5 Energy Analysis

- Identify applicable local, state and federal energy regulations and programs applicable to the Project.
- Quantify direct and indirect electricity energy consumption from the specific plan project.
- Quantify natural gas energy consumption from the project.
- Identify transportation fuels supply, demand, consumption, and infrastructure.
- Identify Energy Efficiency features of the project, including but not limited to the use of renewable energy requirements, and reduced energy demand through the reduction of potable water usage.
- The project's impacts based on the State CEQA Guidelines Appendix F and provide mitigation measures (if necessary) to reduce impacts to the maximum extent possible.
- Provide an energy analysis summary and tables for inclusion in an "Energy Resources" chapter in the EIR based on the pending CEQA Guidelines Update.

3.5 Water Supply Assessment (WSA)

Fuscoe Engineering will prepare a Water Supply Assessment (WSA) for the Transit Villages Project in accordance with the City of Redlands Municipal Utilities Department and Engineering Department standards, applicable sections of the Public Resources Code, and the California Water Code as referenced in Senate Bills 610 and 221 of 2001. Water demands for the project will be calculated and compared to local and regional water supply projections. The WSA will highlight the ability of the water provider to supply water to the proposed Project in addition to other current and future water demands of the service area in normal, single dry and multiple dry year scenarios for 20 years. The report will include coordination and review with the City of Redlands (retailer) as well as the San Bernardino Valley Municipal Water District (wholesaler).

TASK 4. INITIAL STUDY/ NOTICE OF PREPARATION/SCOPING MEETING

Initial Study

Within 45 days of authorization to proceed, and assuming the Specific Plan's project description has been defined, EPD will prepare a draft IS/NOP, in compliance with CEQA requirements, for City review and comment. The IS/NOP will include, in addition to the Project Description described earlier, a location map showing the project site, site photos, project plans, zoning and land use maps, and other explanatory exhibits, as well as a discussion of the probable environmental effects that have been identified.

EPD's experience with specific plan projects, the environmental review process in general, and local and regional environmental conditions, will bring efficiency that will ultimately result in a smoother EIR process, starting with the IS/NOP. The IS/NOP will include a completed environmental checklist form, including written explanations to all checklist questions. The checklist used may be provided by City staff, or, alternatively, the standard checklist found in Appendix G of the CEQA Guidelines may be used.

The EPD team will use existing information to the greatest extent possible. EPD proposes to use an expanded IS/NOP to eliminate or "scope out" non-significant environmental issues from further consideration. By fully addressing some environmental effects in the IS, the EIR will focus on those impacts that could be significant and unavoidable, or for which substantial analysis and/or mitigation measures are required. The resulting IS/NOP would be made a part of the EIR by incorporating the document as an appendix. For those environmental impact areas where significant impacts are expected, discussion in the IS/NOP will be limited; detailed environmental analysis will be reserved for the EIR phase.

Notice of Preparation

Following City review of the draft IS/NOP, a final copy of the document will be prepared. Upon City approval of the IS/NOP, copies will be distributed via U.S. mail per CEQA requirements. Included in the mailing will be a Notice of Completion (NOC). It is expected that the City will provide a mailing list of addresses. Required copies to the State Clearinghouse (SCH) are included in the Deliverables listed below. Issuance of the IS/NOP begins a 30-day review period.

Scoping Meeting

During this 30-day period, the City should schedule a Scoping Meeting. Two EPD staff members will attend the Scoping Meeting and take note of comments received. Comments will be summarized in text form and submitted to the City. EPD will also assist the City to prepare the PowerPoint presentation and handout materials for the scoping meeting.

Deliverables:

- Public Review Initial Study/NOP (20 print copies with appendices for circulation; 10 printed copied with the appendices for the City's use; 25 CDs; electronic copies in Word and PDF and Website ready PDF)
- Notice of Completion (1 electronic copy)
- Notice of Availability and Distribution List (1 electronic copy)
- Copies of the certified mail receipts

TASK 5. ADMINISTRATIVE DRAFT EIR

Program EIR

As discussed int eh Project Understanding, we believe that a Program EIR is best suited for the proposed Specific Plan because it allows the City of Redlands as the lead agency, to consider broad policy alternatives and program-wide mitigation measures. It also provides land use flexibility, while still providing effective mitigation for future projects. The Program EIR will outline requirements for subsequent development including appropriate site-specific technical studies and/or investigations. Mitigation will also identify performance standards when detailed project information is unavailable. Appropriate structuring of the Program EIR will limit scope of CEQA documentation and expedite processing for future projects. The Program EIR will outline

requirements for subsequent projects, including site-specific technical reports at the time of individual project applications.

5.1 Administrative Draft EIR

EPD will prepare an Administrative Draft EIR for the City's review. The following paragraphs discuss the sections of a Draft EIR:

Chapter 1. Executive Summary: This section will consist of a concise summary of the information presented in the main body of the EIR:

- a brief project description;
- a tabular summary of findings regarding project and cumulative impacts, mitigation measures, and any unavoidable significant impacts;
- a summary of discretionary approvals required for the project;
- a brief description of the alternatives considered, noting which one was considered the environmentally superior alternative; and
- areas of controversy and issues to be resolved.

Chapter 2. Introduction. This section is intended as a convenience to the reader who is not familiar with CEQA, EIRs, or the environmental review process. The purpose and standards of adequacy for an EIR will be defined, a discussion of the environmental review process for this project will be presented, and characteristics of an EIR and the reasons for preparing an EIR for this project will be described.

Chapter 3. Project Description. The project will be identified, along with the project objectives from the standpoint of the City of Tustin. A statement of project objectives is also included in the Project Description. Project objectives identify the underlying purpose of the proposed project. The statement of project objectives helps a lead agency develop a reasonable range of alternatives to evaluate in an EIR and aids in the preparation of Findings of Fact and a Statement of Overriding Considerations, if necessary. The Project Description should be complete by the end of Task 1; however, minor changes may be made during EIR preparation.

Chapter 4. Environmental Setting, Impacts, and Mitigation Measures. The environmental setting section includes an overview of the general setting of the environment in the vicinity of the project site and identifies the related projects used in the cumulative impacts analysis. The impacts and mitigation measures part of this chapter includes an analysis of the topical environmental issue areas. In each analysis section, EPD will identify applicable Project Design Features; Standard Conditions of Development; and Existing Plans, Programs, and Policies that reduce environmental impacts. For each significant adverse impact that remains, CEQA requires that an EIR discuss feasible mitigation measures to avoid or substantially reduce the project's significant adverse environmental effect. Drafting effective mitigation measures involves clearly explaining the mitigation measure's objectives and implementation – specifically, how the mitigation measure will be put into action, who is responsible for its implementation, where it will occur, and when it will occur.

Each environmental issue will include the following sub-sections:

- Introduction identifying the primary documents used in the preparation of the section and any other pertinent information.
- Existing Conditions section identifying and describing the existing physical environmental conditions that exist at the time the Notice of Preparation is published, and which constitutes the baseline physical conditions that assist in determining the significance of an impact.
- Thresholds of Significance as adopted by the City.
- Project Impacts describes environmental changes to the existing physical conditions that may occur if the proposed project is implemented and evaluates these changes with respect to the thresholds

of significance. In addition, this section would include any Project Design Features proposed to reduce potentially significant impacts.

- Cumulative Impacts describes the potential changes in the environmental conditions that result from the incremental impact of the proposed project added to closely related past, present, and probable future projects.
- Mitigation Measures are those specific measures that may be required of the project by the Lead Agency in order to: 1) avoid an impact; 2) minimize an impact; 3) rectify an impact by restoration; 4) reduce or eliminate an impact over time by preservation and maintenance operations; or 5) compensate for the impact by replacing or providing substitute resources.
- Level of Significance after Mitigation describes the level of impact significance remaining after mitigation measures have been implemented.

Less Than Significant Issues: Based on the Initial Study and the 2035 General Plan EIR, the the following topic areas will likely not be evaluated in the Program EIR: Agriculture and Forest Resources; Biological Resources; Geology and Soils; Hazards; and Mineral Resources.

Potentially Significant Issues: The Administrative Draft EIR will be comprehensive, accurate, objective, and will fully comply with CEQA and all applicable guidance and procedures established by the City of Redlands. The EIR will include an analysis section for each Environmental Checklist impact resource topic that was determined by the Initial Study to be potentially impacted by implementation of the proposed Specific Plan, which includes:

- Aesthetics
- Air Quality
- Cultural Resources
- Greenhouse Gas Emissions
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation and Traffic
- Tribal Cultural Resources
- Utilities and Service Systems
- Energy
- Mandatory CEQA Sections

Of these topic areas, the Initial Study has also narrowed the required EIR analysis by describing how specific topic area criteria listed on the CEQA Appendix G Checklist would not be impacted by implementation of the Specific Plan; thus, eliminating some issues related to the topics above, from discussion in the body of the EIR.

Each topic section that may be potentially impacted by the proposed Specific Plan would be evaluated in the Administrative Draft EIR, which would include a description of the existing conditions, evaluation of potential environmental impacts including temporary (construction-related) and long-term (operational) impacts, and identification of mitigation measures, as necessary.

The scope of analysis for each environmental issue area that would be included in the EIR, as scoped in the Initial Study, is described below:

Aesthetics: There are up to 5 train stops planned within Redlands. Of those, 3 are are included in the Redlands Transit Villages Specific Plan: the new station at University Street, the existing Downtown Redlands station (at the historic Santa Fe Depot), and the new New York Street/Esri station.

Section 3.1, Aesthetics of the 2035 General Plan EIR was considered less than significant. One primary goal of the 2035 General Plan is to encourage future development within the core areas of the city, and preserve the agricultural and open space land around the periphery of the city. The Specific Plan will provide policies, detailed land use and building standards, architectural and landscape guidelines, and a circulation plan for the areas located within approximately one-half mile of the three proposed stations. Each of these Transit Villages will have its own unique character, reflecting the setting, character, history, architecture, and land uses within it. This section of the EIR will look at the aesthetic impacts, and the relationship to the historic features in the urban core.

Air Quality: As described Task 3.2, new air quality analysis will be conducted pursuant requirements of CEQA, and based on the TIA and the intensity of development ultimately identified in the Specific Plan. Air quality was previously-identified as a significant and unavoidable impact in Section 3.3, Air Quality of 2035 General Plan EIR. As stated in the RFP, areas within the future transit villages are proposed within 500 feet of Interstate 10 and the rail line. This section of EIR will stablish performance standards for future residential and mixed-use developments, including thresholds for future analysis and structural mitigations such as setbacks and air filtration systems. These performance standards, project design features and mitigation measures have been proven to adequately mitigate impacts to sensitive uses within close proximity freeways and railway; a health risk assessment will not be required and is not proposed as part of this scope of work. The air quality analysis will be summarized in the EIR.

Cultural Resources: A Cultural and Paleontological analysis will be prepared in support of the EIR (Task 3.4) to identify any existing known and potential unknown resources that are located within the project boundaries. In addition, the evaluation of this EIR section would be based on a review of historical aerials, USGS topographic maps, and General Plan information. The Program EIR section will summarize the significance of resources in the Transit Villages Specific Plan area, as well as the proposed Specific Plan policies that would protect these resources. The EIR will include project-level mitigation measures to enable staff to quickly and consistently evaluate future project proposals, to ensure resources are preserved, where necessary, and to streamline CEQA compliance.

Energy: The pending CEQA Guidelines will include a standalone Energy typical section, that largely mirrors the analysis already required by Appendix F of the CEQA Guidelines. The EIR section will be supported by the energy analysis prepared as part of Task 3.5. The new questions regarding potential energy impacts will be analysis in this section of the EIR. Impacts are expected to be less than significant.

Greenhouse Gas Emissions: As described above, new greenhouse gas analysis will be conducted pursuant to the TIA and will be evaluated against the City's CAP. A summary of the GHG analysis will be included in the EIR to evaluate the potential impacts associated with the project's generation of GHG emissions during construction and operational activities, including: construction, area sources, mobile sources, energy consumption (electricity and natural gas), water consumption, and solid waste generation. Mitigation measures will be identified, if necessary, beyond those in Section 3.5 of the 2035 General Plan EIR, to reduce GHG emissions to a less than significant level.

Hydrology & Water Quality: According to the RFP, although the 2035 General Plan Update EIR found all future overall impacts to be less than significant, all three of the proposed Mixed Use Cores will overlap with the 100-year flood hazard area, the Mill Creek Zanja. Multi-family residential uses could be permitted in these areas per the 2035 General Plan with a special permit for development in areas of special flood hazards (RMC Chapter 15.32). The 2035 General Plan and EIR include policies that further reduce potential impacts. This scope of work assumes upon implementation of regulatory requirements and General Plan goals and policies, and performance standards, buildout of the Specific Plan would not result in significant impacts related to flood hazards. This scope of work includes budget of 20 hours for Fuscue Engineering to

perform a peer review of the Crabtree Group's hydrology and water quality technical report to support the Program EIR. Fuscoe will review the existing and proposed conditions, review the impact assessments, and assist with the appropriate language for any future and long-term flood control commitments. Where necessary, Fuscoe will provide technical input or add detailed comments and redlines to the report to improve the integrity of the document and ensure the project meets CEQA criteria.

Land Use and Planning: The proposed Specific Plan would include goals and development standards for development of the Specific Plan area. Potential impacts related to conflicts with policies that avoid environmental effects will be evaluated in the EIR. A list of relevant policies would be developed along with a corresponding description of the project's consistency or inconsistency with the policy, and if the project would conflict with a plan or policy that was adopted to avoid or reduce an environmental effect.

Noise: Ambient noise in the Specific Plan area vicinity is largely associated with transportation noise generated by roadways, freeways, rails lines and existing land uses. Implementation of the proposed project could result in an increase in noise levels in and surrounding the Specific Plan area during construction as well as during project operations. Additionally, potential vibration impacts on the immediate surrounding land uses may occur during project construction from the operation of heavy-duty construction equipment. As described above, noise analysis, consistent with the TIA will be prepared to ensure complete CEQA compliance. Upon approval by the City, the EIR will summarize the noise analysis to describe existing noise conditions. It will also identify typical noise and vibration levels that would be generated from construction activities based on the types of construction equipment that would be used and its closest distance a structure or sensitive receptor that could be impacted. The level of anticipated vibration would be compared to specific numeric criteria to determine if a potential impact would occur from construction activities. Mitigation measures, if necessary, would be provided to reduce any potential significant impacts.

In regard to operational noise, the analysis will identify the noise from vehicular traffic, onsite activities, equipment, and mitigation and performance standards will be included, as necessary, to reduce potential noise impacts to a less than significant level. The Program EIR will include appropriate performance standards and mitigation measures to streamline future environmental review.

Population and Housing: This section of the EIR will compare the Transit Village Specific Plan to the 2035 General Plan projections and will evaluate whether the project's potential population growth is unplanned. Population and housing growth that is planned, would not be considered significant, based on the pending CEQA Guidelines revisions. Therefore, if the Specific Plan's projections are within those assumed in the General Plan, this topic will be written off the Initial Study and will not be discussed in the Program EIR.

Transportation: This EIR section will summarize the TIA (Task 3.1) and provide a description of existing traffic and circulation conditions within the project area, describe the number of operational vehicular trips that are anticipated to be generated by the proposed Specific Plan. In addition, the EIR will include identification and analysis of transit services and pedestrian and bicycle facilities in the project vicinity. Section 3.15, Transportation, was considered a significant and unavoidable impact in the 2035 General Plan EIR, including sections of freeways and the intersection of Orange St./Lugonia Ave. (under Caltrans jurisdiction) in the downtown village area Appropriate project-level performance standards and mitigation measures will be included. As mentioned in the RFP, a potential monitoring plan may be considered, including a build-out tracking system, and threshold triggers for off-site improvements based on amount of gross square-footage being built (commercial or retail) and number of dwelling units per Village area. This section of the EIR would include the changed questions related to VMT in the pending CEQA Guidelines, but will also address City General Plan policies for level of service and requirements of Measure U.

Tribal Cultural Resources: The City of Redlands, as the Lead Agency, has initiated the SB 18 notification process, and will initiate any subsequent AB 52 consultation process. EPD and MCC will assist the City

by providing exhibits, maps, or graphics where pertinent to assist in the evaluation process and provide the EIR reader a clearer understanding or explanation of the analysis. EPD will help staff with identifying and/or refining any necessary performance standards or mitigation measures that would need to be incorporated into subsequent construction phases of individual projects.

Utilities: The 2035 General Plan EIR concluded that upon implementation of regulatory requirements and General Plan goals and policies, buildout of the General Plan would not result in significant impacts related to public services and facilities. If intensification of development within the Specific Plan area is proposed compared to the 2035 General Plan EIR and addition of residential, commercial or mixed use uses would incrementally increase demand for utilities and service systems, including water supply, wastewater disposal, and solid waste disposal. The EIR would evaluate the capacity of existing utilities serving the Specific Plan area to serve build-out of the proposed Specific Plan growth, with an emphasis upon water and sewer service. This scope assumes the Specific Plan's background report will inform this EIR section. The EIR will describe any needed improvements, capacity restrictions, and the development fee mechanisms that fund improvements or capacity enhancements to accommodate growth. In addition, the analysis would determine if the project would necessitate the need for new or physically altered facilities, the construction of which could cause significant environmental impacts. The EIR section will incorporate the findings of the water supply assessment prepared by Fuscoe Engineering. This scope of work includes 20 hours for Fuscoe Engineering principal staff to perform a peer review of the Crabtree Group's sewer and water technical report to support the project EIR. Review the existing and proposed conditions including demand factors, potential impacts to the existing sewer system, identification of appropriate infrastructure commitments including triggers for when specific studies are required and review the impact assessments to ensure consistency with CEQA compliance. Where necessary, provide technical input or add detailed comments and redlines to the report to improve the integrity of the document.

Chapter 5. Other CEQA Considerations. This chapter summarizes those environmental effects that are found to be less-than-significant and those which are deemed significant and unavoidable. This section also includes other EIR sections mandated by CEQA, including a discussion of irreversible impacts, significant cumulative impacts, and growth inducement resulting from the project.

Chapter 6. Alternatives. The project alternatives section includes a range of alternatives to be analyzed that meet project objectives; are feasible on an economic, legal, and regulatory basis; and would avoid or substantially lessen at least one significant impact of the project. The EPD team has estimated analysis of up to three (3) alternatives in addition to the "No Project" alternative in the Administrative Draft EIR. These alternatives would be developed as part of the preparation of the Administrative Draft EIR. The Administrative Draft EIR will include a discussion of the environmental impacts associated with each alternative and compare the impacts with those identified for the proposed project. In addition, a summary matrix that presents and contrasts the environmental effects of each alternative as compared to the proposed project will be prepared.

Chapter 7. Organizations and Persons Consulted and List of Preparers. This section lists the organizations and persons consulted during the preparation of the EIR, and lists the individuals who contributed to the preparation of the EIR.

Chapter 8. Bibliography. This chapter will include a list of the references cited in the body of the EIR, organized by chapter.

Chapter 9. Acronyms and Abbreviations. This chapter will include a list of the acronyms and abbreviations used throughout the EIR.

Technical Appendix. The technical appendix will include the IS/NOP and the technical studies used in the preparation of the EIR. This may be included as one or more separate volumes.

5.2 Revised Administrative Draft EIR

Subsequent to the City's review of the Administrative Draft EIR, the EPD team will prepare a Revised Administrative Draft EIR for submittal. All changes will be underline/strike-through format to allow for easy tracking of updates. We assume that changes will be minimal due to early consultation with the City, and prior review and approval of technical reports by City staff. Subsequent to review by City staff of the Revised Administrative Draft EIR, the EPD team will prepare a Public Review Draft EIR which incorporates the final comments.

Deliverables:

- Administrative Draft EIR (2 print copies with appendices in electronic format; electronic copies of the EIR in Word and PDF; graphics in industry standard format)
- Revised Administrative Draft EIR (2 print copies; electronic copies in Word and PDF; graphics in industry standard format)

TASK 6. PUBIC REVIEW DRAFT EIR, NOTICE OF AVAILABILITY, AND NOTICE OF COMPLETION

EPD will incorporate modifications to the Revised Administrative Draft EIR based on the specific comments received from the City and prepare a Public Draft EIR for public review. Exhibits and graphics will be used to describe, evaluate, and analyze information within the document.

Prior to release of the Public Draft EIR, EPD will submit to the City a PDF of the Public Draft EIR for final review and comment. Minimal comments are expected at this stage. With release of the Draft EIR, EPD will prepare and submit a Notice of Completion (NOC) and a Notice of Availability (NOA), and send copies of the Draft EIR to the State Clearinghouse (SCH) and all applicable agencies for review and comment.

Deliverables:

- Public Review Draft EIR (20 print copies with appendices in electronic format; 2 printed copied of the appendices; 25 CDs; electronic copies of the EIR in Word and PDF and Website ready PDF)
- Notice of Completion (1 electronic copy)
- Notice of Availability and Distribution List (1 electronic copy)
- Copies of the certified mail receipts

TASK 7. FINAL EIR, RESPONSE TO COMMENTS, MITIGATION MONITORING & REPORTING PROGRAM, STATEMENT OF OVERRIDING CONSIDERATIONS, AND NOTICE OF DETERMINATION

A Final EIR will be prepared in accordance with CEQA and will contain the City's required elements, as follows:

7.1 Response to Comments & Final EIR

Following receipt of all comments on the Draft EIR, written responses will be prepared for each comment. A Response to Comments section will be created for the Final EIR and will contain an introduction describing the public review process concerning the Draft EIR, copies of all comment letters received and minutes from public meetings where oral comments were taken, plus written responses to all comments. Responses will focus on comments that address the adequacy of the Draft EIR. Other comments that do not address EIR adequacy

will be noted as such and no further response will be provided, unless deemed necessary by the City of Tustin. Responses will be prepared by EPD with input by the City and technical subconsultants, as needed.

A not-to-exceed budget based on a maximum of 70 hours for responses to comments has been established to cover efforts by EPD and subconsultants, including review meetings and revisions. If an unexpectedly large volume of comments is received, or if certain comments result in the need for substantial additional responses or new research or analysis, the initial budget may not be sufficient. Should this situation become apparent, we will discuss this concern with the City before the responses budget is consumed and determine an appropriate course of action.

Responses to Comments by responsible agencies will be provided to those agencies, as well as any other commenters identified by the City, and will be prepared for consideration by the Planning Commission, if desired or as requested by the City, but at a minimum of 10 days prior to consideration of the Final EIR by the City Council.

7.2 Mitigation Monitoring & Reporting Program

A Mitigation Monitoring and Reporting Program (MMRP) will be prepared pursuant to Section 21081.6 of the Public Resources Code. It will be presented in standard City format and will identify the significant impacts that would result from the project, proposed mitigation measures for each impact, the time at which each measure will need to be conducted, the entity responsible for implementing the mitigation measure, and the City department or other agency responsible for monitoring the mitigation effort and ensuring its success. A draft MMRP will be prepared for consideration by the Planning Commission so that any comments they may have concerning the MMRP can be incorporated into the Final EIR that is prepared for City Council certification.

7.3 Statement of Overriding Considerations

A Statement of Overriding Considerations will be prepared if the Final EIR identifies significant, unavoidable impacts for the selected project that the City determines would be acceptable in light of the overall benefits of the project. The EPD team will use a Findings and Overrides format approved by the City and will submit the draft prior to the Planning Commission hearing. One round of review for revisions is anticipated.

7.4 Notice of Determination

Following certification of the EIR, EPD will prepare a Notice of Determination for the City to submit to the State Clearinghouse and San Bernardino County Clerk. A check for the filing fees, including the CDFW filing fee of $3,271 (or current fee in effect) for an EIR will be provided by the City of Redlands.

Deliverables:

- Administrative Draft Response to Comments (2 print copies; electronic copies, with appendices, in Word and PDF formats)
- Final Response to Comments and Final EIR (20 print copies; 25 CDs; electronic copy in Word and PDF, with appendices; Website ready PDF)
- Statement of Overriding Considerations (1 print copy; electronic copy in Word and PDF)
- MMRP (3 print copies; electronic copy in Word and PDF)
- Notice of Determination (electronic copy) and copies of the certified mail receipts.

TASK 8. PROJECT MANAGEMENT AND MEETINGS

8.1 Project Management

To effectively manage the costs of the project, EPD will attend bi-weekly conference calls (briefings) to update the City on upcoming deliverables and discuss any potential issues that may impact the scope of work. EPD will draft agendas in advance of these meetings and deliver minutes via email to the entire project

team. The minutes will identify action items and the responsible party to implement said action item. In addition to standing meetings, EPD will be available to City staff to answer questions, address concerns, or to clarify issues as they arise.

This scope of work assumes ongoing project management (an estimated 2 hour/week for the Project Manager and 1 hour for the Project Director for the duration of the project was estimated in this proposal).

8.2 Meetings

In an effort to achieve this level of communication, Konnie Dobreva, the Project Manager and Jeremy Krout, Project Director, will attend up to 10 in-person meetings during the course of the Specific Plan preparation and environmental review process (inclusive the kick-off meeting in Task 2). These meetings are interchangeable at the City's discretion and could be with City staff, or as part of inter-agency consultation meetings (e.g., San Bernardino County Transportation Authority, Caltrans, Water Quality Control Board, etc.). Additional meetings or attendance by other members of the Consultant team will be billed on a time-and-materials basis. Costs for meeting attendance will be billed in accordance with the hourly rates for the personnel involved.

Deliverables:

- Bi-weekly meetings conference calls
- Regular communication via telephone and email
- Advance agendas and timely meeting minutes with identified action items
- Monthly progress reports of the prior month's work
- Attend up to 10 in-person meetings with City staff:
    - 1 kick-off meeting;
    - up to 5 internal meetings with staff prior to public meetings and public hearings; and
    - up to 4 consultation meetings with City staff and other agencies.

TASK 9. HEARINGS

The project team will attend up to 2 Planning Commission hearings and 3 City Council hearings. The project team will assist City staff in developing a PowerPoint presentation with supporting exhibits for use at the public hearings. It is anticipated that the City will lead the hearings, with project team providing support as needed.

Deliverables:

- Up to 2 Planning Commission hearings
- Up to 3 City Council hearings
- *Optional task*: for 2 additional Planning Commission hearings, if necessary

EXHIBIT "B"
PROJECT SCHEDULE

[Attached]

ENVIRONMENT | PLANNING | DEVELOPMENT SOLUTIONS, INC.

Redland Transit Villages Specific Plan EIR Schedule

Thu 11/21/19

ID	Task Name	Duration	Start	Finish
1	**Contracting**	**263 days**	**Thu 12/13/18**	**Tue 12/17/19**
2	Proposal Submitted	0 days	Thu 12/13/18	Thu 12/13/18
3	Contract Awarded	0 days	Wed 2/20/19	Wed 2/20/19
4	Council Approval of Contract	0 days	Tue 12/17/19	Tue 12/17/19
5	**Project Initiation, Background Research, Prepare CEQA Outreach and CEQA Tech Study (Task 1)**	**39 days**	**Wed 7/31/19**	**Mon 9/23/19**
6	Notice to Proceed	0 days	Mon 1/13/20	Mon 1/13/20
7	Project Team Initiation Meeting	0 days	Mon 1/20/20	Mon 1/20/20
8	Admin Draft Specific Plan Provided by City	0 days	Fri 2/28/20	Fri 2/28/20
9	Background Research & Review of Completed Project Docs	15 days	Tue 1/14/20	Mon 2/3/20
10	**Preparation of CEQA Project Description (Task 2)**	**15 days**	**Fri 2/28/20**	**Thu 3/19/20**
11	Prepare Draft Description	10 days	Fri 2/28/20	Thu 3/12/20
12	City Review and Approve Project Description	5 days	Fri 3/13/20	Thu 3/19/20
13	**Technical Studies (Task 3)**	**91 days**	**Fri 3/20/20**	**Fri 7/24/20**
14	Technical Studies Preparation	9 wks	Fri 3/20/20	Thu 5/21/20
15	City Review of Technical Studies	30 edays	Thu 5/21/20	Sat 6/20/20
16	Revisions to Technical Studies	3 wks	Mon 6/22/20	Fri 7/10/20
17	Technical Studies Completed and Approved by City	2 wks	Mon 7/13/20	Fri 7/24/20
18	**Initial Study/Notice of Preparation (Task 4)**	**51 days**	**Fri 3/13/20**	**Sun 5/24/20**
19	Preparation of IS/NOP & Refinement w/City approved Project Description	3 wks	Fri 3/13/20	Thu 4/2/20
20	City Review of IS/NOP	10 days	Fri 4/3/20	Thu 4/16/20
21	Revisions to IS/NOP	5 days	Fri 4/17/20	Thu 4/23/20
22	Release of IS/NOP, Notice of Completion	0 days	Thu 4/23/20	Thu 4/23/20
23	30-day Public Review Period	30 edays	Fri 4/24/20	Sun 5/24/20
24	*Scoping Meeting*	0 days	Tue 5/12/20	Tue 5/12/20
25	**Administrative Draft EIR and MMRP (Task 5.1)**	**50 days**	**Mon 7/27/20**	**Fri 10/2/20**
26	1st ADEIR	3 wks	Mon 7/27/20	Fri 8/14/20
27	City Review of 1st ADEIR	3 wks	Mon 8/17/20	Fri 9/4/20
28	2nd ADEIR	2 wks	Mon 9/7/20	Fri 9/18/20
29	City Review of 2nd ADEIR	2 wks	Mon 9/21/20	Fri 10/2/20
30	**Public Draft EIR, MMRP, NOA, and NOC (Task 5.2)**	**39 days**	**Mon 10/5/20**	**Thu 11/26/20**
31	Preparation of DEIR	5 days	Mon 10/5/20	Fri 10/9/20
32	DEIR, Notice of Availability, and NOC Submittal to SCH	0 days	Fri 10/9/20	Fri 10/9/20
33	*45-day Public Review*	45 edays	Mon 10/12/20	Thu 11/26/20
34	**Response to Comments, Final EIR, Statement of Overriding Considerations, NOD (Task 7)**	**136 days**	**Fri 11/27/20**	**Fri 6/4/21**
35	Preparation of Admin Draft RTCs & DEIR Revisions	15 days	Fri 11/27/20	Thu 12/17/20
36	1st City Review of RTCs & DEIR Revisions	11 days	Fri 12/18/20	Fri 1/1/21
37	Updates to RTCs & DEIR Revisions	2 wks	Mon 1/4/21	Fri 1/15/21
38	2nd City Review of RTCs & DEIR Revisions	1 wk	Mon 1/18/21	Fri 1/22/21
39	Public Review of RTC (10 days prior to CC hearing)	10 edays	Thu 1/28/21	Sun 2/7/21
40	***1st Planning Commission Hearing (2nd and 4th Tue. of the month)***	***0 days***	***Tue 2/23/21***	***Tue 2/23/21***
41	***2nd Planning Commission Hearing (if needed) (2nd and 4th Tue. of the month)***	**0 days**	**Tue 3/9/21**	**Tue 3/9/21**
42	***1st City Council Hearing (1st and 3rd Tue. of the month)***	**0 days**	**Tue 4/6/21**	**Tue 4/6/21**
43	***2nd City Council Hearing (1st and 3rd Tue. of the month)***	**0 days**	**Tue 4/20/21**	**Tue 4/20/21**
44	NOP Filing	0 days	Wed 4/21/21	Wed 4/21/21
45	Statute of Limitations	30 edays	Wed 4/21/21	Fri 5/21/21
46	***3rd City Council Hearing (2nd reading, as needed)***	0 days	Tue 5/4/21	Tue 5/4/21
47	NOP Filing (2nd)	0 days	Wed 5/5/21	Wed 5/5/21
48	Statute of Limitations	30 edays	Wed 5/5/21	Fri 6/4/21

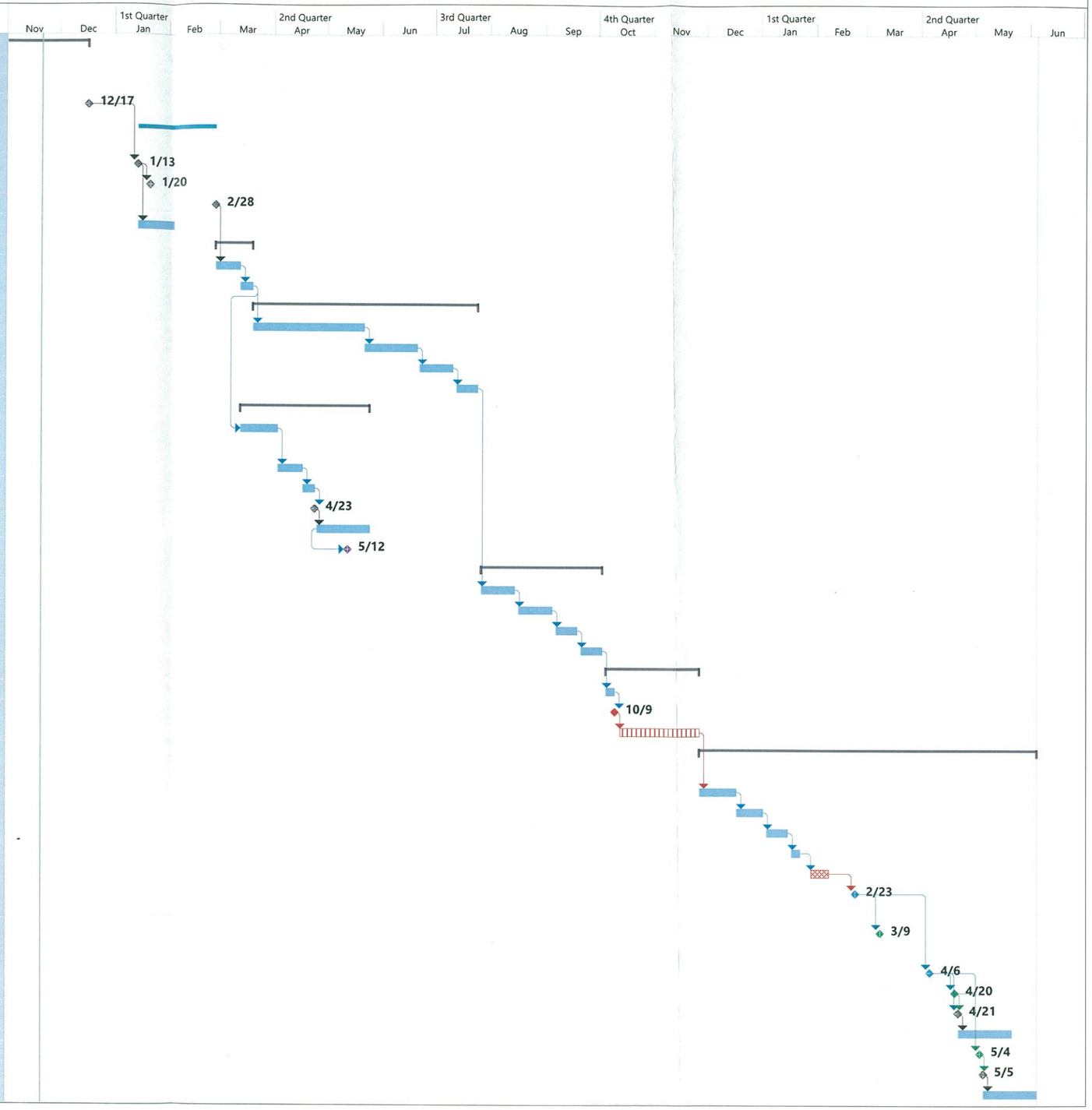


EXHIBIT "C"
COMPENSATION

[Attached]

Redlands Transit Villages SP EIR Fees

EPD Solutions, Inc.

February 21, 2019

Staff Member	Jeremy Krout	Konnie Dobreva	Rafik Albert	Branden Whalen	Renee Escario	Meghan Macias	Steve Baine	Project Planner	Project Coord.	EPD Labor Total		Subconsultants	TOTAL LABOR	Estimated Direct Costs
Hourly Rate	$185	$150	$150	$125	$150	$185	$150	$115	$105					
Proposed Work Scope Tasks	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	$	$	$	$
Task 1: Project Initiation, Review of Existing Studies and Documents	8	15	3	2	3	12		1	2	50	$ 8,005	-	$ 8,005	$ 400
Task 2: Project Description	2	8		8	3	2	-	1	2	30	$ 4,295	-	$ 4,295	$ 400
Task 3: Technical Studies														
3.1 Traffic Impact Assessment	4	10	2	6	10	240	-	5	7	284	$ 50,500	$ 65,230	$ 115,730	$ 12,100
3.2 Air Quality Impact & Greenhouse Gas Analysis	1	3	-	1	4	-	-	-	-	9	$ 1,360	$ 14,784	$ 16,144	
3.3 Noise Impact Analysis	1	4	-	1	4	-		1	1	12	$ 1,730	$ 12,980	$ 14,710	$ 750
3.4 Cultural & Paleontological Analysis	1	2	-	3	1	-	-	1	1	9	$ 1,230	$ 9,200	$ 10,430	$ 2,100
3.5 Energy Analysis	-	1	-		2	-	-	-	-	3	$ 450	$ 5,500	$ 5,950	$ -
3.6 Water Supply Assessment	1	6	-	-	2	-	-	-	-	9	$ 1,385	$ 21,450	$ 22,835	$ -
Task 4: Initial Study, Notice of Preparation and Scoping Meeting	4	16	2	8	32	2	-	2	4	70	$ 10,260	-	$ 10,260	$ 2,000
Task 5: Admin Draft EIR and Mitigation Monitoring & Reporting Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1 Admin. Draft	15	80	35	120	90	25	2	2	2	371	$ 53,890	$ 10,120	$ 64,010	$ -
5.2 Revised Admin. Draft	10	24	10	20	30	5	-	-	-	99	$ 14,875	-	$ 14,875	$ -
Task 6: Public Draft EIR, MMRP, Notice of Availability, and Notice of Completion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1 Public Review Draft, NOA, NOC	3	16	4	8	4	-	-	-	20	55	$ 7,255	-	$ 7,255	$ 5,575
5.2 MMRP	1	2	-		1	-	-	-	14	18	$ 2,105	-	$ 2,105	$ -
Task 7: Response to Comments, Final EIR, Statement of Overriding Considerations, Notice of Determination	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.1 Response to Comments & Final EIR	4	30	5	12	30	6	-	-	-	87	$ 13,100	$ 5,000	$ 18,100	$ 500
7.2 SOC, Resolutions, and Findings of Fact	2	12	-	-	16	-	-	-	-	30	$ 4,570		$ 4,570	$ 50
7.3 Public Hearings and NOD	12	12	-	10	-	8	-	-	-	42	$ 6,750	$ 4,000	$ 10,750	$ 300
Task 8. Meetings and Project Management	-	-	-	-	-	-	-	-	-	0	$ -	$ 1,200	$ 1,200	$ 300
8.1 Project Management	20	70	5	4	8	20	-	-	-	127	$ 20,350		$ 20,350	
8.2 Meetings	20	38	-	-	-	12	-	-	-	70	$ 11,620		$ 11,620	$ 300
Task 9: Hearings	15	25	-	8	-	25	-	-	-	73	$ 12,150		$ 12,150	
SUBTOTAL	124	241	61	203	240	300	2	13	53	1178	$ 225,880	$ 149,464	$ 375,344	$ 24,475

Total EIR w/o Optional Tasks $ 399,819

Notes:

1. This budget is based on an anticipated timeline of up to 16 months. The project scope and budget would be subject to review if the project extends beyond that timeframe.
2. EPD may transfer fees between tasks as the project progresses, provided the overall budget limit is not exceeded.
3. Optional planning commission or community meetings are not included in the budget and would be billed on a time-and-materials basis.
4. Urban Crossroads' budget for the Task 7 includes approximately 20 hours to respond to EIR comments for Air Quality, GHG, Energy, and Noise
5. Direct expenses will be billed pursuant to the Provisions of Agreement.

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

EPD Solutions

Date: 12/13/19

By:_____
Jeremy Krout, President/CEO

"A City That Works"

City Council/Successor Agency Meeting **I. 12.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve a First Amendment to the Non-Professional Services Agreement with General Pump Company, Inc. for the Well and Booster Pump Rehabilitation Project, and authorize an additional appropriation of $174,696.06(Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines the staff recommendation is appropriate, the following motions are provided:

1. I move to approve an additional appropriation of $174,696.06; and

2. I move to approve the First Amendment to the Non-Professional Services Agreement with General Pump Company, Inc.

RECOMMENDATION:

Staff recommends City Council determine the Well and Booster Pump Rehabilitation Project is exempt from environmental review pursuant to Section 15301 of the State's guidelines implementing the California Environmental Quality act, approve an additional appropriation of $174,696.06, and approve the First Amendment to the Non-Professional Services Agreement with General Pump Company, Inc. for the Well and Booster Pump Rehabilitation Project.

DISCUSSION:

In 2017, the California State Water Resources Control Board, Division of Drinking Water (DDW) performed a Sanitary Survey Inspection (SSI) of the City's public water system. The SSI included an assessment of the City's capability to supply safe drinking water. A major finding noted during the SSI was that twenty (20) of the City's potable water wells and two (2) booster pump stations were not receiving routine maintenance every five to seven (5-7) years, which is industry best practice. The City was required to develop a schedule for more frequent maintenance of these facilities. Soon after, staff developed a multi-year Well and Booster Pump Rehabilitation Project (Project) to rehabilitate these facilities within three (3) years.

On June 15, 2021, City Council approved a Non-Professional Services Agreement (Agreement) with General Pump Company, Inc. (GPC) to complete the Project. The initial term of the Agreement is one (1) year, and the approved cost for tasks identified for completion during this term is $1,034,181.10. The Agreement is extendable for two (2) additional one (1) year terms, with approved costs of $780,472.18 and $641,212 respectively.

Rehabilitation of the San Bernardino Avenue Well was initially scheduled for completion in the third year of the Project for an amount not-to-exceed $192,420. However, staff recently discovered a failing discharge pipe and related components, which requires rescheduling this portion of the Project for completion in the first year. Expanding the Scope of Services to include these Project elements will cost an additional $93,104.59, increasing the San Bernardino Avenue Well rehabilitation cost to $314,000, which includes approximately ten percent (10%) for contingencies. San Bernardino Valley Municipal Water District (SBVMWD) will share this cost evenly with the City in accordance with the terms of a Reimbursement Agreement, which obligates SBVMWD to a maximum reimbursement of $157,000. Rehabilitation of the Church Street Well, currently scheduled for completion in Fiscal Year 21/22 at a cost of $139,303.94, will be rescheduled for completion later in this Project. This requires an additional appropriation of $174,696.06, of which a maximum of $157,000 will be reimbursed by SBVMWD.

Also, GPC has nearly completed all tasks scheduled for completion in the initial term of the Agreement. Staff recommends City Council approval of a First Amendment to the GPC Agreement that will extend the initial term by one (1) year, and authorize the completion of tasks scheduled for completion during this first extension period for a total cost of $780,472.18.

ALTERNATIVES:

City Council may deny the staff recommendation.

STRATEGIC PLAN:

Strategic Plan Priority B, Strategic Objective 1: Reduce non-revenue water (water loss) by 25%.

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garica, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
John R. Harris, Municipal Utilities and Engineering Director

Fiscal Impact

Fiscal Year:	FY 21/22
Revenue Generating:	N
Appropriation Required Y/N:	Y
Amount:	$174,696.06
Budgeted Y/N:	N
Account No.:	501910

Discussion:

The cost for the expanded Scope of Services to repair and rehabilitate the San Bernardino Avenue Well requires an additional appropriation of $174,696.06 from the Water Fund, which has a sufficient cash balance to fund this unanticipated expense.

Fiscal Year:	FY 22/23
Revenue Generating:	N
Appropriation Required Y/N:	N

Amount:	$780,472.18
Budgeted Y/N:	Y
Account No.:	5019108402

Discussion:

There is no fiscal impact associated with the Scope of Services proposed for the first extension of the Agreement term, as this portion of the Project is included in the FY 22/23 Budget. This portion of the project will be awarded contingent on approval of the FY 22/23 Budget.

Attachments

General Pump Agreement

General Pump Agreement First Amendment

Additional Appropriation Form

General Pump Proposal

General Pump Extension Letter

AGREEMENT TO PERFORM NON-PROFESSIONAL SERVICES
FOR IMPROVEMENT TO PUBLIC BUILDINGS AND GROUNDS

This agreement for the provision of well and booster pump maintenance ("Agreement") is made and entered in this 15th day of June, 2021 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("City") and General Pump Company, Inc., a California corporation ("Contractor"). City and Contractor are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Contractor agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONTRACTOR

1.1 City hereby engages Contractor to perform well and booster pump maintenance services for City (the "Services").

1.2 The Services shall be performed by Contractor in a professional manner, and Contractor represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional Contractors in the industry providing like and similar types of Services.

ARTICLE 2 – RESPONSIBILITIES OF CONTRACTOR

2.1 The Services that Contractor shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by reference.

2.2 Contractor shall comply with all applicable federal, state and local laws and regulations in the performance of the Services including, but not limited, to all applicable Labor Code and prevailing wage laws and non-discrimination laws, including the Americans with Disabilities Act. Pursuant to Labor Code section 1773.2, copies of the prevailing rates of per diem wages as determined by the Director of the California Department of Industrial Relations for each craft, classification or type of worker needed to undertake the Services are on file at City's Municipal Utilities and Engineering Department, located at the Civic Center, 35 Cajon Street, Suite 15A (Mailing: P.O. Box 3005), Redlands, California 92373.

2.3 Contractor acknowledges that if it violates the Labor Code provisions relating to prevailing wages that City may enforce such provisions by withholding payments to Contractor or its subcontractors pursuant to Labor Code section 1771.6.

2.4 If Contractor executes an agreement with a subcontractor to perform any portion of the Services, Contractor shall comply with Labor Code sections 1775 and 1777.7, and shall provide the subcontractor with copies of the provisions of Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815. Contractor acknowledges that the statutory provisions establishing penalties for failure to comply with state wage and hour laws and to pay prevailing wages may be enforced by City pursuant to Labor Code sections 1775 and 1813.

2.5 Contractor and its subcontractors shall comply with the provisions of Labor Code section 1776 regarding payroll records maintenance, certifications, retention and inspection.

2.6 Contractor acknowledges that eight (8) hours constitutes a legal day's work pursuant to Labor Code section 1810.

2.7 Contractor shall comply with the provisions of Labor Code section 1777.5 as to apprenticeships, and Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815.

2.8 Pursuant to Public Contract Code section 7103.5(b), Contractor offers and agrees to assign to City all rights, title and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S.C. section 15) or under the Cartwright Act (Chapter 2 (commencing with section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, Work or materials pursuant to this Agreement.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City shall make available to Contractor information in its possession that may assist Contractor in performing the Services.

3.2 City designates John R. Harris, Municipal Engineering and Utilities Department Director, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 Contractor shall perform and complete the Services in a prompt and diligent manner in accordance with the schedule set forth in Exhibit "A," which is attached hereto and incorporated herein by reference. The Services shall commence as of the Effective Date of this Agreement.

4.2 The term of this Agreement shall be for a period of one (1) year from July 1, 2021 (the "Initial Term"). The City shall have the option to extend the Initial Term of this Agreement by two (2) additional one-year term (an "Extended Term"), on the same terms and conditions, by providing written notice to Contractor at least thirty (30) days prior to the expiration of the Initial Term and subsequently, at least thirty (30) days before any Extended Term. The Initial Term and the Extended Term are hereby collectively, referred to herein as the "Term" of this Agreement.

4.3 Contractor shall furnish a labor and material bond in the form attached hereto as Exhibit "B," which is attached hereto and incorporated herein by reference, in an amount equal to one hundred percent (100%) of the total compensation to be paid to Contractor pursuant to this Agreement.

ARTICLE 5 – PAYMENTS TO CONTRACTOR

5.1 The compensation for Contractor's performance of the Services shall not exceed the amount of one million thirty four thousand one hundred eighty one dollars and ten cents ($1,034,181.10) for the Services provided during the Initial Term. Should this Agreement be extended, the compensation for Contractor's performance for the Services for each additional one-year term shall not exceed the amount of seven hundred eighty thousand four hundred seventy two dollars and eighteen cents ($780,472.18) for the first Extended Term; and six hundred forty one thousand two hundred twelve dollars ($641,212) for the second Extended Term, bringing the total possible amount of compensation to a not-to-exceed amount of two million four hundred fifty five thousand eight hundred sixty five dollars and twenty eight cents ($2,455,865.28). For the Initial Term and the Extended Term, City shall pay Contractor on a time and materials basis up to the not to not-to-exceed amount in accordance with the unit prices specified in Exhibit "C," titled "Rate Sheet," which is attached hereto and incorporated herein by reference.

5.2 Contractor shall submit monthly invoices to City describing the Services performed during the preceding month. Contractor's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom. City shall pay Contractor no later than thirty (30) days after receipt and approval by City of Contractor's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF),, if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY	CONTRACTOR
City Clerk City of Redlands 35 Cajon Street P.O. Box 3005 (mailing) Redlands, CA 92373 jdonaldson@cityofredlands.org Phone: (909) 798-7531 Fax: (909) 798-7535	Thomas A. Nanchy, Sr. Project Manager/Project Engineer General Pump Company, Inc. 159 N. Arcadia St San Dimas, CA 91773 tnanchy@genpump.com Phone: (909) 599-9606 Fas: (909) 559-6238

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Contractor for the duration of its performance of the Services. Contractor shall not perform any Services unless and until the required insurance listed below is obtained by

Contractor. Contractor shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Contractor is self-insured or exempt from the workers' compensation laws of the State of California. Contractor shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Contractor owned vehicles used in connection with Contractor's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

6.2 Contractor shall defend, indemnify and hold harmless City and its elected officials, employees and agents from and against any and all claims, losses or liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of, Contractor, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Contractor covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Contractor's Services. Contractor further covenants and represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Contractor agrees it is not a designated employee within the meaning of the Political Reform Act because Contractor:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;

(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;
(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Contractor must disclose its financial interests, Contractor shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Contractor shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, results in City's immediate termination of this Agreement.

8.3 Contractor is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor any of its agents shall have control over the conduct of Contractor or Contractor's employees, except as herein set forth. Contractor shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Contractor are for its account only, and in no event shall Contractor or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Contractor shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Contractor have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Contractor of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Contractor's compensation shall be made, but (i) no amount shall be allowed for anticipated profit or unperformed Services, and (ii) any payment due Contractor at the time of termination may be adjusted to the

extent of any additional costs to City occasioned by any default by Contractor. Upon receipt of a termination notice, Contractor shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by Contractor in performing the Services. Contractor shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Contractor shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Contractor pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Contractor.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Contractor.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Contractor have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul T. Barich, Mayor

GENERAL PUMP COMPNAY, INC.

By: _____
Thomas A. Nanchy, Sr. Project Manager/Project Engineer

ATTEST:

_____
Jeanne Donaldson, City Clerk

EXHIBIT "A"

SCOPE OF SERVICES

TASK 1.1 Airport 1 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 342' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" with 40' of 10" suction pipe (PVC).
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 60" x 60" x 18". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping approx. 6" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 16" and 18"" casing x 540'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Rebuild Tube and Shaft Assembly: Rebuild 342' of 3" x 1-15/16" column, tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
10. Furnish and Install New Tubing and Shaft Assembly: Furnish and install entire tube and shaft assembly consisting of 342' of 3" x 1-15/16" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 342' of 10" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass assembly.
13. Rebuild I.R. Pump Head: Sand blast and epoxy coat pump head. Rebuild I.R. head assembly with 416SS head shaft and all necessary hardware to install pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 7 stage FW14RMC Flowise bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1800 GPM @ 510' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    14RJMC-7
16. Furnish and Install New Airline: Furnish and install 342' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.

17. Install Oil lube Turbine Pumping Equipment: Install 342' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to the City. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.2 Church Street Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 359' of Oil-lube turbine pump equipment consisting of 12" x 3-1/2" x 2-3/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 48"x48"x14". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping approx. 12" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 20" casing x 997'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 50 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Rebuild Tube and Shaft Assembly: Rebuild 342' of 3-1/2" x 2-3/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
10. Furnish and Install New Tubing and Shaft Assembly: Furnish and install entire tube and shaft assembly consisting of 342' of 3-1/2" x 2-3/16" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 342' of 12" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
13. Rebuild Floway Pump Head: Sand blast and epoxy coat pump head. Rebuild Floway pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 5 stage 15EMM Flowise bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.

All rebuild materials shall meet NSF/ANSI 61 standards

15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2200 GPM @ 500' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard 14RJHC-6
16. Furnish and Install New Airline: Furnish and install 342' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 359' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.3 East Lugonia 3 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 105' of submersible pumping equipment with 4" column pipe.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 87" x 87" x 16". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 4" discharge piping approx. 8" to meet new pump head height.
7. Wire Brush and Bail: Brush and bail well to bottom of 12" casing x 120'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 10 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Furnish and Install New Submersible Motor: Furnish and install Franklin 25HP 3450RPM 460V 3 phase submersible motor.
10. Furnish and Install Motor Cable: Furnish and install 120' 8/3 3 phase submersible motor cable.
11. Furnish and Install New Column Pipe: Furnish and Install 105' of 4" schedule 40 steel column pipe. Include all necessary couplings.

12. Rebuild Bowl Assembly: Rebuild 6 stage Grundfos Type 8P 9810 Model 3005250-6 bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 300 GPM @ 225' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    10WALC-5
14. Furnish and Install New Airline: Furnish and install 105' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install submersible Pumping Equipment: Install 105' of submersible pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.4 East Lugonia 6 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 160' of Oil-lube turbine pump equipment consisting of 10" x 2-1/5" x 1 1/2" column tube and shaft. Note: Cain link fencing at site will need to be removed for access.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 48" x 48" x 12". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping 12" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 14" casing x 253'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 25 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Rebuild Tube and Shaft Assembly: Rebuild 160' of 2-1/2" x 1-1/2" tube and shaft assembly with all new bearing, couplings and any other needed hardware.

10. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 160' of 2 1/2" x 1-1/2" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 160' of 10" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
13. Rebuild Johnston Pump Head: Sand blast and epoxy coat pump head. Rebuild Johnston pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 6 stage Johnston 12CC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 260 GPM @ 280' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    9WAHC-7
16. Furnish and Install New Airline: Furnish and install 160' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 160' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.5 North Orange 1 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 350' of Oil-lube turbine pump equipment consisting of 12" x 3 x 1-15/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 20" and 16" casing x 1220'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 50 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.

7. Rebuild Tube and Shaft Assembly: Rebuild 330' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 330' of 3" x 1-15/16" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 330' of 10" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass assembly.
11. Rebuild Fabricated Pump Head: Sandblast and epoxy coat pump head. Rebuild Fabricated pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
12. Rebuild Bowl Assembly: Rebuild 5 stage Goulds 14RHLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 3000 GPM @ 350' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    14RHHC-5
14. Furnish and Install New Airline: Furnish and install 330' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 350' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.6 31A Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Pull 505' of pumping equipment consisting of 12" and 14" x 3" x 1 15/16" oil-lube pump. Note: Sound proofing building will need to be removed and reinstalled.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.

5. Wire Brush and Bail: Brush and bail well to bottom of 20" and 18" casing x 743'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 45 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 505' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 505' of 3" x 1-15/16" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 505' of 12" schedule 40 column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass assembly.
11. Rebuild Pro Fab Pump Head: Sand blast and epoxy coat pump head. Rebuild Pro fab head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
12. Rebuild Bowl Assembly: Rebuild 3 stage 16NKL Ingersoll-Rand bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 4200 GPM @ 280' TDH 16RGLC-4
14. Furnish and Install New Airline: Furnish and install 505' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 505' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Furnish and Install New 450 HP Motor: Furnish and install new 480V 3 phase 450 HP US Electric Motor. Frame type 5009P.
17. Perform Start Up, Wire Motor, and Test Rotation: Perform start up, wire motor, test rotation.
18. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
19. Provide as built drawing: Provide as built of pumping equipment.
20. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.7 32 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Pull 317' of pumping equipment consisting of 12" x 3 1/2" x 2 3/16" oil-lube pump.

3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 24" casing x 426'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 317' of 3-1/2" x 2-3/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 317' of 3"-1/2" x 2-3/16" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 317' of 12" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass assembly.
11. Rebuild Layne & Bowler Pump Head: Sand blast and epoxy coat pump head. Rebuild Layne and Bowler head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
12. Rebuild Bowl Assembly: Rebuild 7 stage 16MC Peerless bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 600 GPM @ 370' TDH IICLC-7
14. Furnish and Install New Airline: Furnish and install 317' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 317' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up, Wire Motor, and Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.8 2310 Booster & Replacement and Installation

1. Mobilize: All equipment and crews needed to complete proposed work.

2. Remove Pumping Equipment: Remove and dispose of existing split case booster pump equipment. Return motor to City.
3. Furnish New Split Case Pump Skid Assembly: Furnish new NSF 61 approved ITT Goulds 3410 S size 4x6-9/5V split case pump assembly or City approved equal. Include all necessary installation mounting hardware and equipment including pump baseplate. The operating conditions shall be as follows 450GPM @ 225' TDH
   Goulds 3410
4. Furnish New Electric Motor: Furnish New US Motor 50HP, 3 phase, 480 Volt 60Hz 3600RPM TEFC, premium efficient electric motor with a 326TS frame. Or City approved equal.
   ITT Prem Efficient
5. Fabricate Suction Line to Accommodate Changes: Fabricate 10" suction line to accommodate new pumping equipment requirements, remove existing flow meter and return to the City, install new 150LB flange spool in place of removed flow meter.
6. Fabricate Discharge Line: Fabricate 8" Discharge line to accommodate new pumping equipment requirements. Install new 10" 300lbs flange mag meter. City to provided new McCrometer mag meter.
7. Re-locate Electrical Motor Feed: Re-locate electrical motor feed to new pump location. Note: Concrete cutting and excavation required to move electrical.
8. Install New Pump and Motor Skid: Install pump and motor skid per manufactures specifications.
9. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
10. Pump Performance Testing: Perform pump performance testing and provide detailed report to the City. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Motor temp & vibration, flow & pressure.
11. Provide as built drawing: Provide as built of pumping equipment install.
12. Demobilize: All equipment and crews used to complete proposed work.

TASK 1.9 2311 Booster & Replacement and Installation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove and dispose of existing split case booster pump equipment. Return motor to City.
3. Furnish New Split Case Pump Skid Assembly: Furnish new NSF 61 approved ITT Goulds 3410 M size 4x6-15/5V split case pump assembly or City approved equal. Include all necessary installation mounting hardware and equipment including pump baseplate. The operating conditions shall be as follows 1000 GPM @ 225' TDH
   Goulds 341
4. Furnish New Electric Motor: Furnish New US Motor 100HP, 3 phase, 480 Volt 60Hz 1800RPM TEFC, premium efficient electric motor with a 405T frame. Or City approved equal.
   ITT Perm Efficient

5. Fabricate Suction Line to Accommodate Changes: Fabricate 12" suction line to accommodate new pumping equipment requirements, remove existing flow meter and return to the City, install new 150LB flange spool in place of removed flow meter.
6. Fabricate Discharge Line: Fabricate 10" Discharge line to accommodate new pumping equipment requirements. Install new 10" 300lbs flange mag meter. City provided new mag meter.
7. Re-locate Electrical Motor Feed: Re-locate electrical motor feed to new pump location. Note: Concrete cutting and excavation required to move electrical.
8. Install New Pump and Motor Skid: Install pump and motor skid per manufactures specifications.
9. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
10. Pump Performance Testing: Perform pump performance testing and provide detailed report to the City. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Motor temp & vibration, flow & pressure.
11. Provide as built drawing: Provide as built of pumping equipment install.
12. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.1 Madeira Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 441' of Oil-lube turbine pump equipment consisting of 8" x 2-1/2" x 1-11/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 60" x 60" x 12". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping approx. 12" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 16 and 14" casing x 465'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 30 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Rebuild Tube and Shaft Assembly: Rebuild 422' of 2-1/2" x 1-11/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware.
10. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 422' of 2 1/2" x 1 11/16" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 422' of 8" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass assembly.

13. Rebuild Worthington Pump Head: Sand blast and epoxy coat pump head. Rebuild Worthington pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 7 stage Goulds 12CLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 700 GPM @ 410' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    IICLC-8
16. Furnish and Install New Airline: Furnish and install 422' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 441' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.2 Mentone 2 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 470' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 48" x 48" x 16". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping 8" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 16" casing x 566'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 32 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.

9. Rebuild Tube and Shaft Assembly: Rebuild 382' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
10. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 382' of 3" x 1-15/16" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 382' of 10" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
13. Rebuild Floway Western land Roller Head: Sand blast and epoxy coat pump head. Rebuild Western Land Roller pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 6 stage 15EMM Flowserve bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2000 GPM @ 490' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    16BLC-4
16. Furnish and Install New Airline: Furnish and install 382' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 470' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.3 Well 38 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 280' of Oil-lube turbine pump equipment consisting of 12" x 3" x 1-15/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.

5. Demo and Install New Pump Base: Existing concrete pump base is 58" x 58" x 19". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping 5" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 16" casing x 1120'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 55 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Rebuild Tube and Shaft Assembly: Rebuild 270' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
10. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 270' of 3" x 1-15/16" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 270' of 12" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
13. Rebuild Floway Western land Roller Head: Sand blast and epoxy coat pump head. Rebuild Western Land Roller pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 8 stage Goulds 14RJLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1630 GPM @ 550' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    14RJMC-7
16. Furnish and Install New Airline: Furnish and install 270' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 280' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.4 Well 39 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 329' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 71" x 71" x 16". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping approx. 8" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 16" casing x 1120'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 55 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
9. Rebuild Tube and Shaft Assembly: Rebuild 320' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
10. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 320' of 3" x 1-15/16" steel tubing and shaft.
11. Furnish and Install New Column Pipe: Furnish and install 320' of 12" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
13. Rebuild Floway Western land Roller Head: Sand blast and epoxy coat pump head. Rebuild Western Land Roller pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 7 stage Goulds 14RJLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1220 GPM @ 540' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    13CMC-7
16. Furnish and Install New Airline: Furnish and install 320' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 329' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.

19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.5 New York Street Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 365' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 16" casing x 885'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 350' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 350' of 3" x 1-15/16" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 350' of 10" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
11. Rebuild Layne & Bowler Head: Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
12. Rebuild Bowl Assembly: Rebuild 3 stage American Marsh 14MCR bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2000 GPM @ 231' TDH 14RHLC-3
14. Furnish and Install New Airline: Furnish and install 320' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 365' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.

17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.6 Well 11 & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Pull 220' of pumping equipment consisting of 6" x 1 3/16" water lube pump.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 18" casing x 687'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Furnish and Install New Line Shaft: Furnish and install all 220' X 1 3/16" 316 SS line shaft and 304 SS coupling.
7. Rebuild IR Head: Sand blast and epoxy coat pump head. Rebuild IR pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
8. Rebuild Stretch Brass Assembly: Rebuild stretch brass Assembly.
9. Furnish and Install All Bushings: Furnish and install all bronze drop in retainers with Vesconite bushings.
10. Rebuild Bowl Assembly: Rebuild 7 stage Ingersoll-Dresser 10M50 bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
11. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1260 GPM @ 180' TDH 10DHHC-6
12. Furnish and Install New Column Pipe: Furnish and install 220' of 6" schedule 40 steel column pipe. Include all necessary couplings.
13. Furnish and Install New Airline: Furnish and install 220' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
14. Furnish and Install New Check Foot Valve: Furnish and install new Flomatic style check valve.
15. Install Water Lube Turbine Pumping Equipment: Install 220' of water lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.

16. Perform Start Up, Wire Motor, and Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 2.7 Well 36 & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 328' of Oil-lube turbine pump equipment consisting of 8" x 2" x 1-1/4" column tube and shaft. Note: Pump is located at Hillside Memorial Park, work will have to coordinate with Hillside staff. The pump is also located below grade in a permit required confined space. Contractor is required to comply with all regulatory permit required confined space entry procedures.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 12" casing (total depth unknown). Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 328' of 2" x 1-1/4" tube and shaft assembly with all new bearing, couplings and any other needed hardware.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 328' of 2" x 1-1/4" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 328' of 8" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
11. Rebuild US Pumps Head: Sand blast and epoxy coat pump head. Rebuild US Pumps pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
12. Rebuild Bowl Assembly: Rebuild 12 stage Goulds 9RCLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 450 GPM @ 446' TDH 9RCLC-12

14. Furnish and Install New Airline: Furnish and install 328' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 328' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 3.1 Airport 2 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 446' of Oil-lube turbine pump equipment consisting of 10" x 3"x 1-11/16" with 40' of engineered suction. Leave suction on site.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 20" and 18" casing x 470'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 420' of 3" x 1-11/16" column, tube and shaft assembly with all new bearing, couplings and any other needed hardware.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 420' of 3" x 1 11/16" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 420' of 10" schedule 40 column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass assembly.
11. Rebuild I.R. Pump Head: Sand blast and epoxy coat pump head. Rebuild I.R. head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
12. Rebuild Bowl Assembly: Rebuild 9 stage American Marsh 13MC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1500 GPM @ 600' TDH

Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
Goulds FDLC-12 Stage

14. Furnish and Install New Airline: Furnish and install 420' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 446' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 3.2 Mill Creek 2A Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Pull 240' of pumping equipment consisting of 6" x 1 3/16" water lube pump.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Demo and Install New Pump Base: Existing concrete pump base is 48" x 48" x 22". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
5. Raise Discharge Piping: Raise 12" discharge piping approx. 2" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
6. Wire Brush and Bail: Brush and bail well to bottom of 20" casing x 300'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 24 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
7. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
8. Furnish and Install New Line Shaft: Furnish and install All 240' X 1 3/16" 316 SS line shaft and 304 SS coupling.
9. Rebuild IR Head: Sand blast and epoxy coat pump head. Rebuild IR pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass Assembly.
11. Furnish and Install All Bushings: Furnish and install all bronze drop in retainers with Vesconite bushings.
12. Rebuild Bowl Assembly: Rebuild 7 stage Ingersoll-Dresser 10M50 bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.

13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1260 GPM @ 180' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard 10DHHC-6
14. Furnish and Install New column Pipe: Furnish and install 240' of 6" schedule 40 steel column pipe. Include all necessary couplings.
15. Furnish and Install New Airline: Furnish and install 240' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
16. Install Water Lube Turbine Pumping Equipment: Install 240' of water lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
17. Perform Start Up, Wire Motor, and Test Rotation: Perform start up, wire motor, test rotation.
18. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
19. Provide as built drawing: Provide as built of pumping equipment
20. Demobilize: All equipment and crews used to complete proposed work.

TASK 3.3 Rees Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 410' of Oil-lube turbine pump equipment consisting of 10 "x 3" x 1-15/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 14" casing x 511'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 32 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 390' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 390' of 3" x 1-15/16" steel tubing and shaft.
9. Furnish and install New Column Pipe: Furnish and install 390' of 10" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass.

11. Rebuild Johnson Pump Head: Sand blast and epoxy coat pump head. Johnson pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
12. Rebuild Bowl Assembly: Rebuild 8 stage Goulds 12CHC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1020 GPM @ 597' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    12CHC-8
14. Furnish and Install New Airline: Furnish and install 390' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 410' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 3.4 SB Muni Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 505' of Oil-lube turbine pump equipment consisting of 12" x 4" x 2-7/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Demo and Install New Pump Base: Existing concrete pump base is 78 "x 78" x 6". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.
6. Raise Discharge Piping: Raise 12" discharge piping 10" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.
7. Wire Brush and Bail: Brush and bail well to bottom of 18" casing x 590'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.
8. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.

9. Rebuild Tube and Shaft Assembly: Rebuild 505' of 4" x 2-7/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
10. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 505' of 4" x 2-7/16" steel tubing and shaft.
11. Furnish and install New Column Pipe: Furnish and Install 505" of 12" schedule 40 steel column pipe. Include all necessary couplings.
12. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
13. Rebuild Layne & Bowler Head: Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
    All rebuild materials shall meet NSF/ANSI 61 standards
14. Rebuild Bowl Assembly: Rebuild 6 stage Layne & Bowler 16KHM bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
    All rebuild materials shall meet NSF/ANSI 61 standards
15. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2650 GPM @ 480' TDH
    Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard
    14RHHC-6
16. Furnish and Install New Airline: Furnish and install 505' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
17. Install Oil lube Turbine Pumping Equipment: Install 505' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
18. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
19. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
20. Provide as built drawing: Provide as built of pumping equipment
21. Demobilize: All equipment and crews used to complete proposed work.

TASK 3.5 Mill Creek 4 Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 193' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-11/16" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 20" casing x 275'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials

must be disposed of offsite. Note: Estimate 24 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.

6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 193' of 3" x 1-11/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 193' of 3" x 1-11/16" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 193' of 8" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
11. Rebuild Layne & Bowler Head: Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
12. Rebuild Bowl Assembly: Rebuild 6 stage Flowise 12EMM bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 900 GPM @ 421' TDH 12CMC-6
14. Furnish and Install New Airline: Furnish and install 193' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 193' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

TASK 3.6 Redlands Heights Well & Equipment Rehabilitation

1. Mobilize: All equipment and crews needed to complete proposed work.
2. Remove Pumping Equipment: Remove 321' of Oil-lube turbine pump equipment consisting of 6" x 2-1/2" x 1-1/2" column tube and shaft.
3. Tear Down and Inspect: Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.
4. Video Log Well: Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.
5. Wire Brush and Bail: Brush and bail well to bottom of 20" casing x 523'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials

must be disposed of offsite. Note: Estimate 32 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.

6. Video Log Well: Video log well post brush and bail. Provide 2 DVD copies to the City.
7. Rebuild Tube and Shaft Assembly: Rebuild 303' of 2-1/2" x 1-1/2" tube and shaft assembly with all new bearing, couplings and any other needed hardware.
8. Furnish and Install New Tubing and shaft assembly: Furnish and install entire tube and shaft assembly consisting of 303' of 2-1/2" x 1-1/2" steel tubing and shaft.
9. Furnish and Install New Column Pipe: Furnish and install 303' of 6" schedule 40 steel column pipe. Include all necessary couplings.
10. Rebuild Stretch Brass Assembly: Rebuild stretch brass.
11. Rebuild Layne & Bowler Head: Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.
12. Rebuild Bowl Assembly: Rebuild 6 stage Goulds 12WALC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.
13. Furnish And Install New Bowl Assembly: Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 600 GPM @ 370' TDH 12WALC-6
14. Furnish and Install New Airline: Furnish and install 303' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.
15. Install Oil lube Turbine Pumping Equipment: Install 321' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.
16. Perform Start Up Wire Motor Test Rotation: Perform start up, wire motor, test rotation.
17. Pump Performance Testing: Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.
18. Provide as built drawing: Provide as built of pumping equipment
19. Demobilize: All equipment and crews used to complete proposed work.

Bond No. 107369197
Premium: $12,410.00

EXHIBIT "B"

LABOR AND MATERIAL BOND

Whereas, the City of Redlands, State of California, and General Pump Company, Inc. (hereinafter designated as "Principal") have entered into an agreement (the "Agreement") whereby Principal agrees to provide well and booster pump maintenance services (the "Work"), which said agreement, dated June 15, 2021, and identified as water meter installation services is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, Principal is required before commending the performance of the Work, to file a good and sufficient Labor and Material bond with the City of Redlands to secure the claims to which reference is made in Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code of the State of California.

Now, therefore, said Principal and the undersigned as corporate surety, are held firmly bound unto the City and all contractors, subcontractors, laborers, material men and other persons employed in the performance of the Agreement and referred to in the aforesaid Code of Civil Procedure in the sum of One Million Thirty Four Thousand One Hundred Eighty One Dollars and Ten Cents ($1,034,181.10) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof, this instrument has been duly executed by the Principal and surety above named, on June 7, 2021.

(SEAL)
General Pump Company, Inc.
(Contractor)
(Signature) Michael Bodart, President / Dir. of Engr.

(SEAL)
Travelers Casualty and Surety Company of America
(Surety)
BY: Thuyduong Le
(Signature) Thuyduong Le, Attorney-in-Fact

Address:
21688 Gateway Center Drive
Diamond Bar, CA 91765

Telephone(909) 612-3270

(Seal and Notarial Acknowledgment of Surety)

CALIFORNIA ACKNOWLEDGMENT CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles

On June 8, 2021 (Date) before me, Alexa Juarez, Notary Public (Here Insert Name and Title of the Officer),

personally appeared Michael Bodart (Name(s) of Signer(s)),

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

ALEXA JUAREZ
Notary Public - California
Los Angeles County
Commission # 2266422
My Comm. Expires Nov 10, 2022

Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____	Signer's Name: _____
☐ Corporate Officer – Title(s): _____	☐ Corporate Officer – Title(s): _____
☐ Partner – ☐ Limited ☐ General	☐ Partner – ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer is Representing: _____	Signer is Representing: _____

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ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Alameda)

On June 7, 2021 before me, Brittany Kavan, Notary Public
(insert name and title of the officer)

personally appeared Thuyduong Le,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Brittany Kavan (Seal)

NSP1 BRITTANY KAVAN
COMM. #2338092
NOTARY PUBLIC - CALIFORNIA
CONTRA COSTA COUNTY
My Commission Expires 12/19/2024 NSP1

TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Thuyduong Le** of **SAN FRANCISCO**, **California**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **17th** day of **January**, **2019.**

State of Connecticut

City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the **17th** day of **January**, **2019**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, **2021**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **7th** day of **June**, **2021**.

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which this Power of Attorney is attached.

EXHIBIT "C"

Rate Sheet

Fiscal Year 2021/2022

Task 1.1	$ 124.907.16
Task 1.2	$ 139,303.94
Task 1.3	$ 35,010.00
Task 1.4	$ 67,850.00
Task 1.5	$ 128,460.00
Task 1.6	$ 195,230.00
Task 1.7	$ 119,122.00
Task 1.8	$ 95,475.00
Task 1.9	$ 128,823.00
TOTAL (TASK 1.1 THRU 1.9)	**$ 1,034,181.10**

Fiscal Year 2022/2023

Task 2.1	$ 119,058.00
Task 2.2	$ 138,502.26
Task 2.3	$ 123,230.00
Task 2.4	$ 133,030.00
Task 2.5	$ 111,050.00
Task 2.6	$ 64,180.00
Task 2.7	$ 91,421.92
TOTAL (TASK 2.1 THRU 2.7)	**$ 780,472.18**

Fiscal Year 2023/2024

Task 3.1	$ 133,760.00
Task 3.2	$ 67,200.00
Task 3.3	$ 112,640.00
Task 3.4	$ 192,420.00
Task 3.5	$ 61,570.00
Task 3.6	$ 73,622.00
TOTAL (TASK 3.1 THRU 3.6)	**$ 641,212.00**

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

✓ I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____ I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

GENERAL PUMP ELECTRIC, INC.

By: _____
Thomas A. Nanchy, Sr. Project Manager/Project Engineer

Date: June 07, 2021

FIRST AMENDMENT TO AGREEMENT TO PERFORM NON-PROFESSIONAL SERVICES FOR IMPROVEMENT TO PUBLIC BUILDINGS AND GROUNDS

This first amendment ("First Amendment") to the agreement for well and booster pump maintenance ("Agreement") dated June 15, 2021, by and between the City of Redlands, a municipal corporation ("City"), and General Pump Company, Inc., a California corporation ("Contractor"), is made and entered into this 7th day of June, 2022.

RECITALS

WHEREAS, it is the desire of the City and Contractor to amend their existing Agreement, specifically to revise the Scope of Work to include additional well maintenance;

NOW, THEREFORE, City and Contractor agree as follows:

AGREEMENT

Section 1. The scope of services performed by Contractor pursuant to Exhibit "A" of the Agreement, titled "Scope of Services," is hereby amended to include the work that is identified in Exhibit "1."

Section 2. Section 4.2 of the Agreement, titled "Article 4 – Performance of Services," is hereby amended to read as follows:

"4.2 The term of this Agreement shall be extended for a period of one (1) year from the Effective Date of this Agreement (the "Initial Term"). The City shall have the option to extend the term of this Agreement by one (1) additional one-year term ("Extended Term"), on the same terms and conditions, by providing written notice to Contractor at least thirty (30) days prior to the expiration of the Initial Term and subsequently, at least thirty (30) days before any Extended Term. The Initial Term and the Extended Terms are hereby collectively referred to herein as the "Term" of this Agreement."

Section 3. Section 5.1 of the Agreement, titled "Article 5 – Payments to Contractor," is hereby amended to read as follows:

"5.1 Total compensation for Consultant's performance of Services shall not exceed the amount of One Million Nine Hundred Eighty Nine Thousand Three Hundred Forty Nine Dollars and Thirty Four Cents ($1,989,349.34) for the Services provided during the Initial term and additional one-year term. Should this Agreement be extended, the compensation for Contractor's performance for the Services for the final additional one-year term shall not exceed the amount of Six Hundred Forty One Thousand Two Hundred Twelve Dollars ($641,212) for such Extended Term, bringing the total possible amount of compensation to a not-to-exceed amount of Two Million Six Hundred Thirty Thousand Five Hundred Sixty One Dollars and Thirty Four Cents ($2,630,561.34). For the Initial Term and the Extended Terms, City shall pay Contractor on a time and materials basis up to the not-to-

exceed amount in accordance with the unit prices specified in Exhibit "C," titled Bidder's Rate Sheet," which is attached hereto and incorporated herein by reference."

All other provisions of the Agreement shall remain unchanged by this First Amendment and in effect.

IN WITNESS WHEREOF, the parties have executed this First Amendment, to be effective as of June 7, 2022.

CITY OF REDLANDS

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

GENERAL PUMP COMPANY, INC.

By: _____
Thomas A. Nanchy, Sr. Project Manager/Project Engineer

EXHIBIT “1”

SCOPE OF SERVICES

GENERAL PUMP COMPANY

159 N. ACACIA STREET * SAN DIMAS, CA 91773
PHONE: (909) 599-9606 * FAX: (909) 599-6238

CAMARILLO, CA 93010 * PHONE: (805) 482-1215
www.genpump.com

WELL & PUMP SERVICE SINCE 1952 Lic. #496765
Serving Southern California and Central Coast

May 9, 2022 ***Via Email***

City of Redlands
35 Cajon Street
Redlands, California 92373
Attn: Paul Mariscal

Subject: Muni Well (Expanded Scope)

General Pump Company performed a job walk with City personnel to review the site layout and discuss an expanded scope of work outside of the line items found on task 3.4.

The main items under the expanded scope focused mainly on replacing and resizing the main transition discharge piping from the discharge head flange to the existing 14" butterfly valve. The new piping will be 12" steel, without coatings, 150# SOW flanges, with nut bolt, and gasket kits. Additional materials and labor to incorporate the additional pipe liner that runs to the west of the well that will be raised due to the current height of the well pedestal. The following is a takeoff of materials proposed, along with field labor.

Cost

Materials

- 400 HP USEM VHS Motor
- 12" flanged McCrometer FxF 4-20MA totalizer 100 cf
- Steel weld on flanges (6)
- 12" Stnd Blk A53B Pipe w/BxB end
- 12" 150# RF weld Neuc Flange
- 16" 150# RF s/o flange
- 16"x12" Stnd, CR
- 12" 150# Flanged swing check
- Pipe stands (2)
- Ultra-Sonic Level Transducer
- 2x4-6 THREDOLET (3)
- 1" Corp stop (2)
- 1" THREDOLET (6)
- 1 ½" THREDOLET (2)
- 1x3 3M THREDOLET (5)
- 12" Smith Blair flex coupling
- 12 NB&K (5)
- Spool section for waste line
- Sample station
- 10" NB&6 set

Total Materials, Includes Freight and Sales Tax $76,778.59

Shop Labor

- Load equipment, piping valves
- Cutting supplies, welding materials

Feld Labor

- Mobilize to site, conduct brief tailgate safety meeting
- Rig up crane, remove all shade structures
  And store safely on site
- Remove existing piping, valves, spools that will be replaced
- Unload new materials
- Demobilize

Rotary Crane and 1 Man Crew @ $265/Hr.
Service Truck, Pump Mechanic and Helper @ $303/Hr.

Est. 10 Hrs. @ $573/Hr.	5,730.00	
Est. OT 2 Hr. @ $168/Hr.	336.00	

Cont.

- Mob to site, conduct brief safety meeting
- Fabricate spools with new piping, flanges
- Install all new spools, motor, check valve
- Bolt up & align to new discharge center line
- Fabricate new pipe stands

Service Truck with Welder and 1 Man Crew

Est. 40 Hrs. @ $185/Hr.	7,400.00	
Est. OT 8 Hrs. @ $60/Hr.	480.00	13,946.00

Outside Service

- Program existing VFD panel for 400 HP motor 1,620.00

Additional Labor and Materials Total $93,104.59

If you have any questions or need additional information regarding the above, please do not hesitate to contact us. Thank you.

GENERAL PUMP COMPANY, INC.

Tom Nanchy
Tom Nanchy
Sr. Project Manager/ Project Engineer

CITY OF REDLANDS
REQUEST FOR ADDITIONAL APPROPRIATION

DATE OF REQUEST: 6/7/2022

FINANCE USE ONLY
TRANSACTION NO:
ACCOUNTING PERIOD:

An additional appropriation is hereby requested as follows:

Department: Municipal Utilities & Engineering

EXPENDITURE APPROPRIATION INCREASE (if applicable)

Account Description	Orgkey	Object Code	Job Ledger (If applicable)	Amount
501910		8402		$ 174,696.06
			$	$ 174,696.06

REVENUE APPROPRIATION INCREASE (if applicable)

Account Description	Orgkey	Object Code	Job Ledger (If applicable)	Amount
				$ 0.00
			$	$ 0.00

JUSTIFICATION: General Pump Company, Inc. Well & Booster Pump Rehabilitation Project Expanded Scope of Work

Requested By: John R Harris
Department Head

Recommended By Finance Director:

Yes _____ No _____ Signed _____

Recommended: _____
City Manager

Comments: _____

Approved by City Council:

Date: _____

Signed: _____
City Clerk

REVISED

RFB # **20210304PM** for **Well and Booster Pump Maintenance**

BID #20210325VM Well and Booster Pump Maintenance.

Bid Schedule Summary

Fiscal Year 2021/2022

Task 1.1	$	124,907.16
Task 1.2	$	139,303.94
Task 1.3	$	35,010.00
Task 1.4	$	67,850.00
Task 1.5	$	128,460.00
Task 1.6	$	195,230.00
Task 1.7	$	119,122.00
Task 1.8	$	95,475.00
Task 1.9	$	128,823.00
TOTAL (TASK 1.1 THRU 1.9)	$	1,034,181.10

Fiscal Year 2022/2023

Task 2.1	$	119,058.00
Task 2.2	$	138,502.26
Task 2.3	$	123,230.00
Task 2.4	$	133,030.00
Task 2.5	$	111,050.00
Task 2.6	$	64,180.00
Task 2.7	$	91,421.92
TOTAL (TASK 2.1 THRU 2.7)	$	780,472.18

Fiscal Year 2023/2024

Task 3.1	$	133,760.00
Task 3.2	$	67,200.00
Task 3.3	$	112,640.00
Task 3.4	$	192,420.00
Task 3.5	$	61,570.00
Task 3.6	$	73,622.00
TOTAL (TASK 3.1 THRU 3.6)	$	641,212.00

BID SCHEDULE
Airport 1 Well & Equipment Rehabilitation

TASK 1.1

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 5,800
2	**Remove Pumping Equipment:** Remove 342' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" with 40' of 10" suction pipe (PVC).	Lump Sum			$ 17,200
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 500
4	**Video Log Well:** Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 60" x 60" x 18". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 8,000
6	**Raise Discharge Piping:** Raise 12" discharge piping approx. 6" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,200
***The below proposed work may differ from bid schedule depending on findings in the inspection report. Some items in bid will not be necessary and all items should be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 16" and 18"" casing x 540'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	$ 14,000
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 342' of 3" x 1-15/16" column, tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	342'	$ 11.70	$ 4,001.40
10	***Furnish and Install New Tubing and Shaft Assembly:** Furnish and install entire tube and shaft assembly consisting of 342' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	342'	$ 23.40	$ 8,002.80
11	***Furnish and Install New Column Pipe:** Furnish and install 342' of 10" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	342'	$ 81.88	$ 28,002.96
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass assembly.	Lump Sum			$ 200
13	**Rebuild I.R. Pump Head:** Sand blast and epoxy coat pump head. Rebuild I.R. head assembly with 416SS head shaft and all necessary hardware to install pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 3,000
14	***Rebuild Bowl Assembly:** Rebuild 7 stage FW14RMC Flowise bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 2,000

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1800 GPM @ 510' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **14RJMC-7**	Lump Sum			$ 6,000
16	**Furnish and Install New Airline:** Furnish and install 342' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,500
17	**Install Oil lube Turbine Pumping Equipment:** Install 342' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 21,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to the City. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 124,907.16

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 124,907.16

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred twenty-four thousand nine hundred seven and sixteen cents



BID SCHEDULE
Church Street Well & Equipment Rehabilitation

TASK 1.2

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 5,000
2	**Remove Pumping Equipment:** Remove 359' of Oil-lube turbine pump equipment consisting of 12" x 3-1/2" x 2-3/16" column tube and shaft.	Lump Sum			$ 18,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 500
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 48"x48"x14". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 8,000
6	**Raise Discharge Piping:** Raise 12" discharge piping approx. 12" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,200
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 20" casing x 997'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 50 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	50	$ 350	$ 17,500
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 342' of 3-1/2" x 2-3/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Lump Sum	342'	$ 14.62	$ 5,000.04
10	***Furnish and Install New Tubing and Shaft Assembly:** Furnish and install entire tube and shaft assembly consisting of 342' of 3-1/2" x 2-3/16" steel tubing and shaft.	Linear foot	342'	$ 26.32	$ 9,001.44
11	***Furnish and Install New Column Pipe:** Furnish and install 342' of 12" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	342'	$ 99.13	$ 33,902.46
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 200
13	***Rebuild Floway Pump Head:** Sand blast and epoxy coat pump head. Rebuild Floway pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
14	***Rebuild Bowl Assembly:** Rebuild 5 stage 15EMM Flowise bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 3,000

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2200 GPM @ 500' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **14RJHC-6**	Lump Sum			$ 6,000
16	**Furnish and Install New Airline:** Furnish and install 342' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,500
17	**Install Oil lube Turbine Pumping Eq**uipment: Install 359' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 22,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 139,303.94

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 139,303.94

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred thirty-nine thousand three hundred three and ninty-four cents



BID SCHEDULE
East Lugonia 3 Well & Equipment Rehabilitation

TASK 1.3

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 1,600
2	**Remove Pumping Equipment:** Remove 105' of submersible pumping equipment with 4" column pipe.	Lump Sum			$ 4,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 200
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 87" x 87" x 16". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 8,000
6	**Raise Discharge Piping:** Raise 4" discharge piping approx. 8" to meet new pump head height.	Lump Sum			$ 1,200
***The below proposed work may differ from bid schedule depending on findings in the inspection report. Some items in bid will not be necessary and all items should be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 12" casing x 120'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 10 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	10	$ 350	$ 3,500
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	**Furnish and Install New Submersible Motor:** Furnish and install Franklin 25HP 3450RPM 460V 3 phase submersible motor.	Lump Sum			$ 2,600
10	**Furnish and Install Motor Cable:** Furnish and install 120' 8/3 3 phase submersible motor cable.	Lump Sum			$ 300
11	***Furnish and Install New Column Pipe:** Furnish and Install 105' of 4" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	105'	$ 22	$ 2,310
12	***Rebuild Bowl Assembly:** Rebuild 6 stage Grundfos Type 8P 9810 Model 3005250-6 bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 800
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 300 GPM @ 225' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: 10WALC-5	Lump Sum			$ 1,500
14	**Furnish and Install New Airline:** Furnish and install 105' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,000
15	**Install submersible Pumping Equipment:** Install 105' of submersible pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 4,800

16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 200
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 35,010.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 35,010.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Thirty-five thousand ten





BID SCHEDULE
East Lugonia 6 Well & Equipment Rehabilitation

TASK 1.4

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 2,500
2	**Remove Pumping Equipment:** Remove 160' of Oil-lube turbine pump equipment consisting of 10" x 2-1/5" x 1 1/2" column tube and shaft. Note: Cain link fencing at site will need to be removed for access.	Lump Sum			$ 7,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,200
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 48" x 48" x 12". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 8,000
6	**Raise Discharge Piping:** Raise 12" discharge piping 12" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,200

***The below proposed work may differ from bid specification depending on findings in inspection report. Some items in bid will not be needed and all items should be bid with worst case scenario in mind.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 14" casing x 253'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 25 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	25	$ 350	$ 8,750
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 160' of 2-1/2" x 1-1/2" tube and shaft assembly with all new bearing, couplings and any other needed hardware.	Lump Sum			$ 1,500
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 160' of 2 1/2" x 1-1/2" steel tubing and shaft.	Linear foot	160'	$ 20	$ 3,200
11	***Furnish and Install New Column Pipe:** Furnish and install 160' of 10" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	160'	$ 80	$ 12,800
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 200
13	**Rebuild Johnston Pump Head:** Sand blast and epoxy coat pump head. Rebuild Johnston pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 3,600
14	***Rebuild Bowl Assembly:** Rebuild 6 stage Johnston 12CC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 2,500
15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 260 GPM @ 280' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **9WAHC-7**	Lump Sum			$ 4,000
16	**Furnish and Install New Airline:** Furnish and install 160' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,200
17	**Install Oil lube Turbine Pumping Equipment:** Install 160' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 7,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 200
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200

BID SCHEDULE TOTAL PRICE	$ 67,850.00

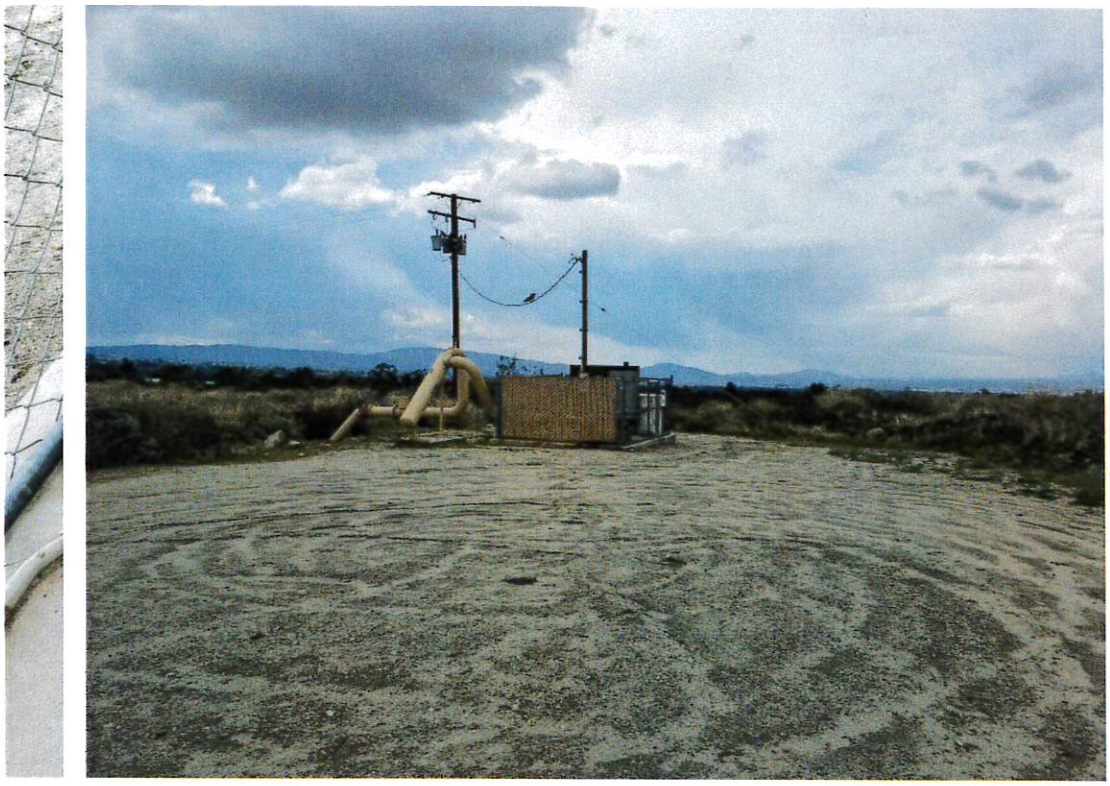
Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 67,850.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Sixty -seven thousand, eight hundred fifty





BID SCHEDULE
North Orange 1 Well & Equipment Rehabilitation

TASK 1.5

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 6,000
2	**Remove Pumping Equipment:** Remove 350' of Oil-lube turbine pump equipment consisting of 12" x 3 x 1-15/16" column tube and shaft.	Lump Sum			$ 18,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,500
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 20" and 16" casing x 1220'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 50 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	50	$ 350	$ 17,500
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 330' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	330'	$ 12.00	$ 3,960
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 330' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	330'	$ 25.00	$ 8,250
9	***Furnish and Install New Column Pipe:** Furnish and install 330' of 10" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	330'	$ 85.00	$ 28,050
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass assembly.	Lump Sum			$ 200
11	**Rebuild Fabricated Pump Head:** Sandblast and epoxy coat pump head. Rebuild Fabricated pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			4,000 $
12	***Rebuild Bowl Assembly:** Rebuild 5 stage Goulds 14RHLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			7,000 $
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 3000 GPM @ 350' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **14RHHC-5**	Lump Sum			11,000 $

14	**Furnish and Install New Airline:** Furnish and install 330' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,500
15	**Install Oil lube Turbine Pumping Equipment:** Install 350' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 17,000
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 128,460.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 128,460.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred twenty-eight thousand, four hundred sixty



BID SCHEDULE
31A Well & Equipment Rehabilitation

TASK 1.6

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 8,500
2	**Remove Pumping Equipment:** Pull 505' of pumping equipment consisting of 12" and 14" x 3" x 1 15/16" oil-lube pump. Note: Sound proofing building will need to be removed and reinstalled.	Lump Sum			$ 19,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 3,000
4	**Video Log Well:** Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 20" and 18" casing x 743'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 45 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	45	$ 350	$ 15,750
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 505' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	505'	$ 14	$ 7,070
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 505' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	505'	$ 22	$ 11,110
9	***Furnish and Install New Column Pipe:** Furnish and install 505' of 12" schedule 40 column pipe. Include all necessary couplings.	Linear foot	505'	$ 100	$ 50,500
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass assembly.	Lump Sum			$ 800
11	**Rebuild Pro Fab Pump Head:** Sand blast and epoxy coat pump head. Rebuild Pro fab head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 4,000
12	***Rebuild Bowl Assembly:** Rebuild 3 stage 16NKL Ingersoll-Rand bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 8,500
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 4200 GPM @ 280' TDH Write in - manufacture name, pump model number and number of stages: **16RGLC-4**	Lump Sum			$ 11,500
14	**Furnish and Install New Airline:** Furnish and install 505' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 2,000
15	**Install Oil lube Turbine Pumping Equipment:** Install 505' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 20,000

16	**Furnish and Install New 450 HP Motor:** Furnish and install new 480V 3 phase 450 HP US Electric Motor. Frame type 5009P.	Lump Sum			$ 29,000
17	**Perform Start Up, Wire Motor, and Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
18	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			500 $
19	**Provide as built drawing:** Provide as built of pumping equipment.	Lump Sum			$ 100
20	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 195,230.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 195,230.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred ninety-five thousand two hundred thirty

BID SCHEDULE
32 Well & Equipment Rehabilitation

TASK 1.7

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 5,000
2	**Remove Pumping Equipment:** Pull 317' of pumping equipment consisting of 12" x 3 1/2" x 2 3/16" oil-lube pump.	Lump Sum			$ 9,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,600
4	**Video Log Well:** Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 24" casing x 426'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	$ 14,000
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 317' of 3-1/2" x 2-3/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	317'	$ 28	$ 8,876
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 317' of 3"-1/2" x 2-3/16" steel tubing and shaft.	Linear foot	317'	$ 38	$ 12,046
9	***Furnish and Install New Column Pipe:** Furnish and install 317' of 12" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	317'	$ 100	$ 31,700
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass assembly.	Lump Sum			$ 800
11	**Rebuild Layne & Bowler Pump Head:** Sand blast and epoxy coat pump head. Rebuild Layne and Bowler head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 4,000
12	***Rebuild Bowl Assembly:** Rebuild 7 stage 16MC Peerless bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 9,500
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 600 GPM @ 370' TDH Write in - manufacture name, pump model number and number of stages: IICLC-7	Lump Sum			6,900 $
14	**Furnish and Install New Airline:** Furnish and install 317' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,400
15	**Install Oil lube Turbine Pumping Equipment:** Install 317' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 9,000

16	**Perform Start Up, Wire Motor, and Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 1,300
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 119,122.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

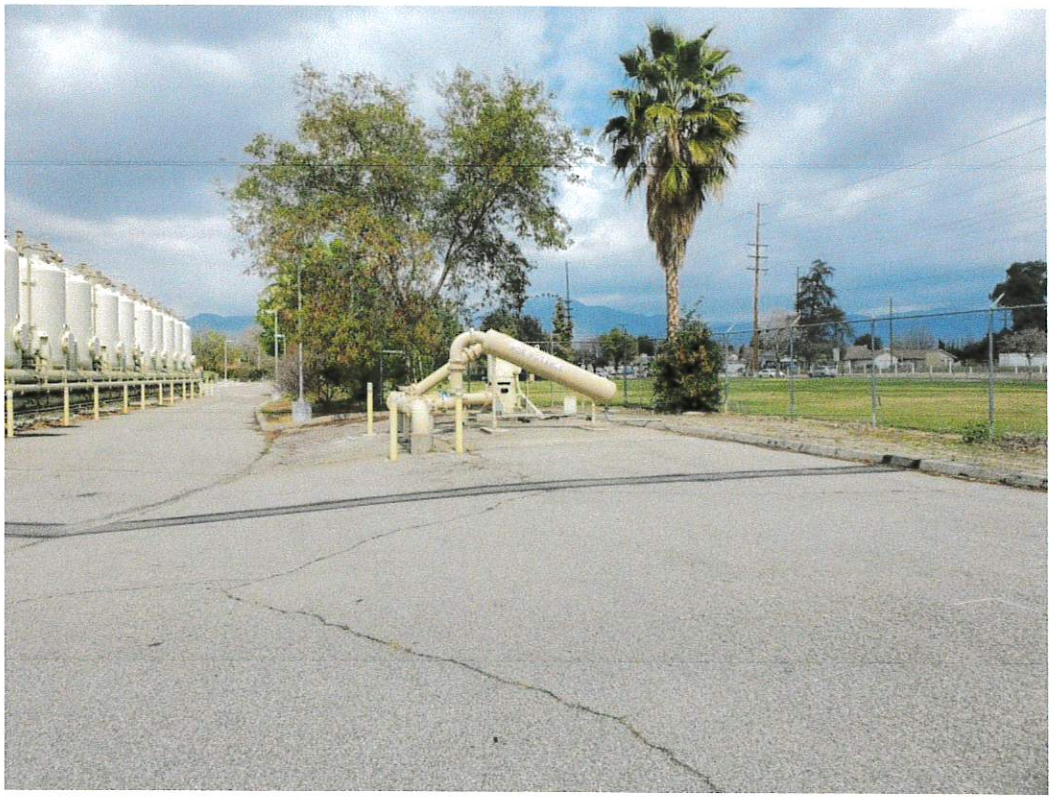
Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 119,122.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred nineteen thousand one hundred twenty-two





BID SCHEDULE
2310 Booster & Replacement and Installation

TASK 1.8

Bid Summary: The City is requesting a bid for the complete replacement and installation of a new split case booster pump skid assembly. The existing spit case pump skid assembly shall be removed and discarded by the contractor. The new split case pump skid assembly shall be a turnkey deliverable. This work will include all pipe line fabrication to accommodate the for the new split case pump skid assembly, relocating the existing flow meter from the suction side of the pump to the discharge side, extending the discharge piping to accommodate flow meter and relocating the electrical to the new pump location. All work shall comply with pump manufactures specifications and industries best practices.

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 4,200
2	**Remove Pumping Equipment:** Remove and dispose of existing split case booster pump equipment. Return motor to City.	Lump Sum			$ 3,350
3	**Furnish New Split Case Pump Skid Assembly:** Furnish new NSF 61 approved ITT Goulds 3410 S size 4x6-9/5V split case pump assembly or City approved equal. Include all necessary installation mounting hardware and equipment including pump baseplate. The operating conditions shall be as follows 450GPM @ 225' TDH Write in - manufacture name, pump model number and number of stages: **Goulds 3410**	Pump	1	42,430 $	42,430 $
4	**Furnish New Electric Motor:** Furnish New US Motor 50HP, 3 phase, 480 Volt 60Hz 3600RPM TEFC, premium efficient electric motor with a 326TS frame. Or City approved equal. Write in - manufacture name and model number: **ITT Prem Effcient**	Motor	1	21,215 $	21,215 $
5	**Fabricate Suction Line to Accommodate Changes:** Fabricate 10" suction line to accommodate new pumping equipment requirements, remove existing flow meter and return to the City, install new 150LB flange spool in place of removed flow meter.	Lump Sum			5,280 $
6	**Fabricate Discharge Line:** Fabricate 8" Discharge line to accommodate new pumping equipment requirements. Install new 10" 300lbs flange mag meter. City to provided new McCrometer mag meter.	Lump Sum			5,500 $
7	**Re-locate Electrical Motor Feed:** Re-locate electrical motor feed to new pump location. Note: Concrete cutting and excavation required to move electrical.	Lump Sum			7,500 $
8	**Install New Pump and Motor Skid:** Install pump and motor skid per manufactures specifications.	Lump Sum			$ 4,000
9	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,200
10	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to the City. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Motor temp & vibration, flow & pressure.	Lump Sum			500 $

11	**Provide as built drawing:** Provide as built of pumping equipment install.	Lump Sum			$ 100
12	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 95,475.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 95,475.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Ninety-five thousand four hundred seventy-five







BID SCHEDULE
2311 Booster & Replacement and Installation

TASK 1.9

Bid Summary: The City is requesting a bid for the complete replacement and installation of a new split case booster pump skid assembly. The existing spit case pump skid assembly shall be removed and discarded by the contractor. The new split case pump skid assembly shall be a turnkey deliverable. This work will include all pipe line fabrication to accommodate the for the new split case pump skid assembly, relocating the existing flow meter from the suction side of the pump to the discharge side, extending the discharge piping to accommodate flow meter and relocating the electrical to the new pump location. All work shall comply with pump manufactures specifications and industries best practices.

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 6,000
2	**Remove Pumping Equipment:** Remove and dispose of existing split case booster pump equipment. Return motor to City.	Lump Sum			$ 3,350
3	**Furnish New Split Case Pump Skid Assembly:** Furnish new NSF 61 approved ITT Goulds 3410 M size 4x6-15/5V split case pump assembly or City approved equal. Include all necessary installation mounting hardware and equipment including pump baseplate. The operating conditions shall be as follows 1000 GPM @ 225' TDH Write in - manufacture name, pump model number and number of stages: **Goulds 3410**	Pump	1	$ 61,782	$ 61,782
4	**Furnish New Electric Motor:** Furnish New US Motor 100HP, 3 phase, 480 Volt 60Hz 1800RPM TEFC, premium efficient electric motor with a 405T frame. Or City approved equal. Write in - manufacture name and model number: **ITT Prem Efficient**	Motor	1	$ 30,891	$ 30,891
5	**Fabricate Suction Line to Accommodate Changes:** Fabricate 12" suction line to accommodate new pumping equipment requirements, remove existing flow meter and return to the City, install new 150LB flange spool in place of removed flow meter.	Lump Sum			$ 6,100
6	**Fabricate Discharge Line:** Fabricate 10" Discharge line to accommodate new pumping equipment requirements. Install new 10" 300lbs flange mag meter. City provided new mag meter.	Lump Sum			$ 7,200
7	**Re-locate Electrical Motor Feed:** Re-locate electrical motor feed to new pump location. Note: Concrete cutting and excavation required to move electrical.	Lump Sum			$ 7,500
8	**Install New Pump and Motor Skid:** Install pump and motor skid per manufactures specifications.	Lump Sum			$ 4,000
9	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,200

10	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to the City. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Motor temp & vibration, flow & pressure.	Lump Sum			$ 500
11	**Provide as built drawing:** Provide as built of pumping equipment install.	Lump Sum			$ 100
12	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 128,823.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 128,823.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred twenty-eight thousand eight hundred twenty-three




2340
2100
2310



BID SCHEDULE
Madeira Well & Equipment Rehabilitation

TASK 2.1

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 5,500
2	**Remove Pumping Equipment:** Remove 441' of Oil-lube turbine pump equipment consisting of 8" x 2-1/2" x 1-11/16" column tube and shaft.	Lump Sum			$ 12,400
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 60" x 60" x 12". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 11,500
6	**Raise Discharge Piping:** Raise 12" discharge piping approx. 12" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 2,500
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 16 and 14" casing x 465'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 30 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	30	$ 350	$ 10,500
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 422' of 2-1/2" x 1-11/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware.	Linear foot	422'	$ 13.00	$ 5,486
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 422' of 2 1/2" x 1 11/16" steel tubing and shaft.	Linear foot	422'	$ 19.00	$ 8,018
11	***Furnish and Install New Column Pipe:** Furnish and install 422' of 8" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	422'	$ 57.00	$ 24,054
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass assembly.	Lump Sum			$ 800
13	**Rebuild Worthington Pump Head:** Sand blast and epoxy coat pump head. Rebuild Worthington pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
14	***Rebuild Bowl Assembly:** Rebuild 7 stage Goulds 12CLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 5,000

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 700 GPM @ 410' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **IICLC-8**	Lump Sum			$ 7,000
16	**Furnish and Install New Airline:** Furnish and install 422' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,600
17	**Install Oil lube Turbine Pumping Equipment:** Install 441' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 13,400
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 1,200
	BID SCHEDULE TOTAL PRICE				$ 119,058.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 119,058.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred nineteen thousand fifty-eight



BID SCHEDULE
Mentone 2 Well & Equipment Rehabilitation

TASK 2.2

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 6,000
2	**Remove Pumping Equipment:** Remove 470' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" column tube and shaft.	Lump Sum			$ 19,500
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,200
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 48" x 48" x 16". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 14,000
6	**Raise Discharge Piping:** Raise 12" discharge piping 8" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,200
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 16" casing x 566'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 32 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	32	$ 350	$ 11,200
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 382' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	382'	$ 12.00	$ 4,584
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 382' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	382'	$ 22.00	$ 8,404
11	***Furnish and Install New Column Pipe:** Furnish and install 382' of 10" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	382'	$ 80.43	$ 30,724.26
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
13	**Rebuild Floway Western land Roller Head:** Sand blast and epoxy coat pump head. Rebuild Western Land Roller pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000

14	***Rebuild Bowl Assembly:** Rebuild 6 stage 15EMM Flowserve bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 5,000
15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2000 GPM @ 490' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: 16BLC-4	Lump Sum			$ 7,000
16	**Furnish and Install New Airline:** Furnish and install 382' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,400
17	**Install Oil lube Turbine Pumping Equipment:** Install 470' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 18,990
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	138,502.26

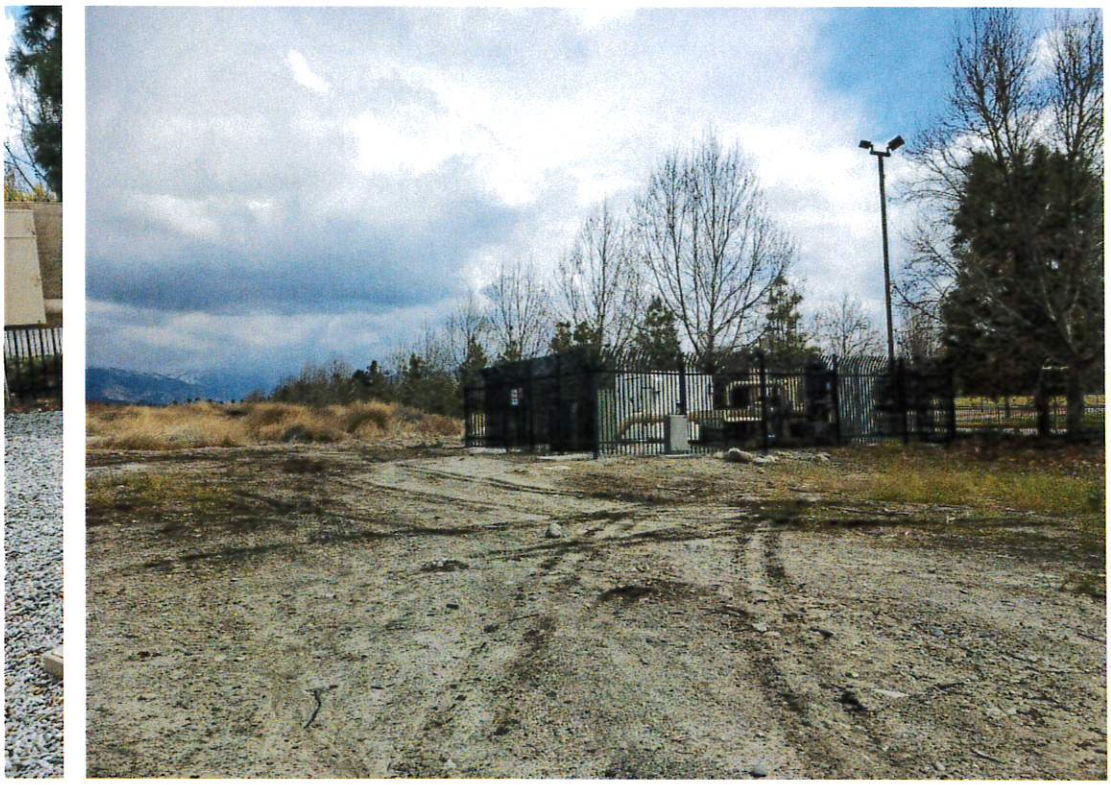
Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 138,502.26

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred thirty-eight thousand five hundred two and twenty-six cents



BID SCHEDULE
Well 38 Well & Equipment Rehabilitation

TASK 2.3

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 6,000
2	**Remove Pumping Equipment:** Remove 280' of Oil-lube turbine pump equipment consisting of 12" x 3" x 1-15/16" column tube and shaft.	Lump Sum			$ 12,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 58" x 58" x 19". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 14,000
6	**Raise Discharge Piping:** Raise 12" discharge piping 5" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,200
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 16" casing x 1120'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 55 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	55	$ 350	$ 19,250
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 270' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	270'	$ 12.00	$ 3,240
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 270' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	270'	$ 22.00	$ 5,940
11	***Furnish and Install New Column Pipe:** Furnish and install 270' of 12" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	270'	$ 100.00	$ 27,000
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 1,800
13	**Rebuild Floway Western land Roller Head:** Sand blast and epoxy coat pump head. Rebuild Western Land Roller pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
14	***Rebuild Bowl Assembly:** Rebuild 8 stage Goulds 14RJLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,300

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1630 GPM @ 550' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **14RJMC-7**	Lump Sum			$ 6,000
16	**Furnish and Install New Airline:** Furnish and install 270' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,200
17	**Install Oil lube Turbine Pumping Equipment:** Install 280' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 12,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 123,230.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 123,230.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred twenty-three thousand two hundred thirty





BID SCHEDULE
Well 39 Well & Equipment Rehabilitation

TASK 2.4

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 6,000
2	**Remove Pumping Equipment:** Remove 329' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" column tube and shaft.	Lump Sum			$ 12,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 71" x 71" x 16". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 15,300
6	**Raise Discharge Piping:** Raise 12" discharge piping approx. 8" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,500
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 16" casing x 1120'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 55 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	55	$ 350	$ 19,250
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 320' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	320'	$ 12.00	$ 3,840
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 320' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	320'	$ 22.00	$ 7,040
11	***Furnish and Install New Column Pipe:** Furnish and install 320' of 12" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	320'	$ 100.00	$ 32,000
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
13	**Rebuild Floway Western land Roller Head:** Sand blast and epoxy coat pump head. Rebuild Western Land Roller pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
14	***Rebuild Bowl Assembly:** Rebuild 7 stage Goulds 14RJLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,300

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1220 GPM @ 540' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **13CMC-7**	Lump Sum			$ 6,000
16	**Furnish and Install New Airline:** Furnish and install 320' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,200
17	**Install Oil lube Turbine Pumping Equipment:** Install 329' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 13,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 2,000
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 1,200
				BID SCHEDULE TOTAL PRICE	$ 133,030.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 133,030.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred thirty-three thousand thirty





BID SCHEDULE
New York Street Well & Equipment Rehabilitation

TASK 2.5

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 5,000
2	**Remove Pumping Equipment:** Remove 365' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-15/16" column tube and shaft.	Lump Sum			$ 13,500
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,400
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 16" casing x 885'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 375	$ 15,000
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 350' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	350'	$ 12.00	$ 4,200
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 350' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	350'	$ 22.00	$ 7,700
9	***Furnish and Install New Column Pipe:** Furnish and install 350' of 10" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	350'	$ 83.00	$ 29,050
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
11	**Rebuild Layne & Bowler Head:** Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 4,000
12	***Rebuild Bowl Assembly:** Rebuild 3 stage American Marsh 14MCR bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 3,000
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2000 GPM @ 231' TDH Write in - manufacture name, pump model number and number of stages: **14RHLC-3**	Lump Sum			$ 4,500
14	**Furnish and Install New Airline:** Furnish and install 320' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,400

15	**Install Oil lube Turbine Pumping Equipment:** Install 365' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 16,000
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 1,200
	BID SCHEDULE TOTAL PRICE				$ 111,050.00

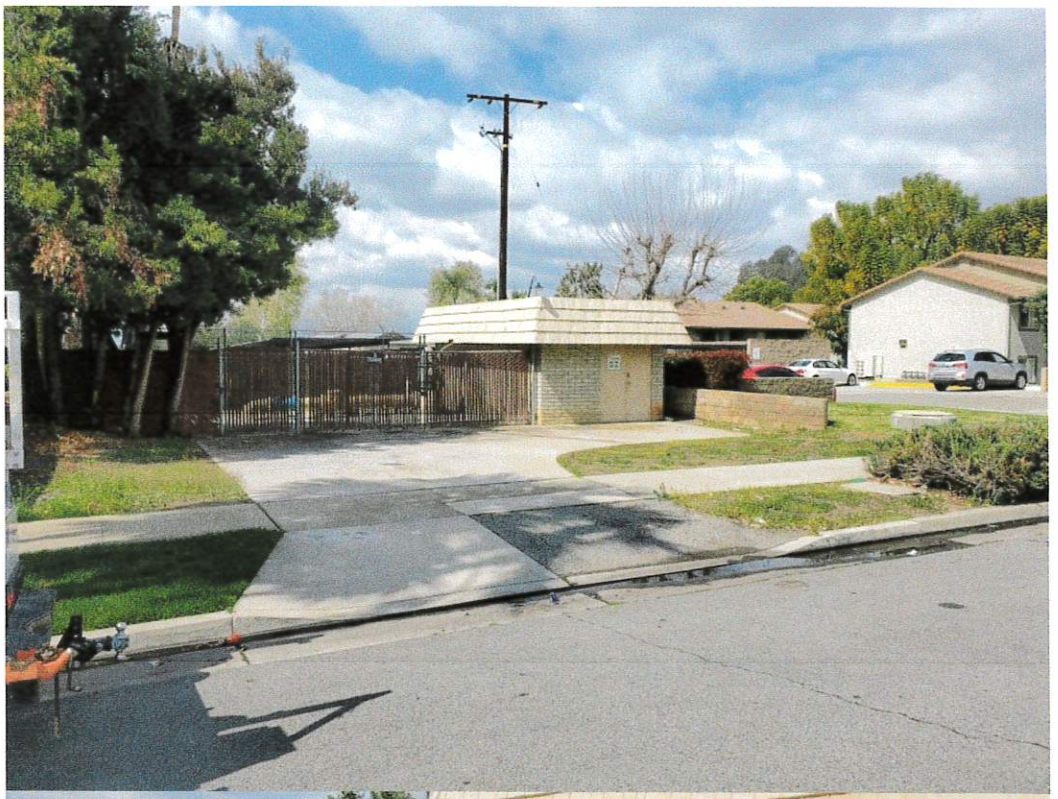
Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 111,050.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred eleven thousand fifty





BID SCHEDULE
Well 11 & Equipment Rehabilitation

TASK 2.6

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 2,700
2	**Remove Pumping Equipment:** Pull 220' of pumping equipment consisting of 6" x 1 3/16" water lube pump.	Lump Sum			$ 5,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 18" casing x 687'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	$ 14,000
6	***Furnish and Install New Line Shaft:** Furnish and install all 220' X 1 3/16" 316 SS line shaft and 304 SS coupling.	Linear foot	220'	$ 20	$ 4,400
7	**Rebuild IR Head:** Sand blast and epoxy coat pump head. Rebuild IR pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 3,500
8	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass Assembly.	Lump Sum		$ 200	$ 200
9	**Furnish and Install All Bushings:** Furnish and install all bronze drop in retainers with Vesconite bushings.	Each	22	$ 170	$ 3,740
10	***Rebuild Bowl Assembly:** Rebuild 7 stage Ingersoll-Dresser 10M50 bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 3,000
11	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1260 GPM @ 180' TDH Write in - manufacture name, pump model number and number of stages: **10DHHC-6**	Lump Sum			5,000 $
12	***Furnish and Install New Column Pipe:** Furnish and install 220' of 6" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	220'	$ 42	$ 9,240
13	**Furnish and Install New Airline:** Furnish and install 220' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,100
14	**Furnish and Install New Check Foot Valve:** Furnish and install new Flomatic style check valve.	Lump Sum			$ 700
15	**Install Water Lube Turbine Pumping Equipment:** Install 220' of water lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 7,400

16	**Perform Start Up, Wire Motor, and Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			500 $
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 64,180.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

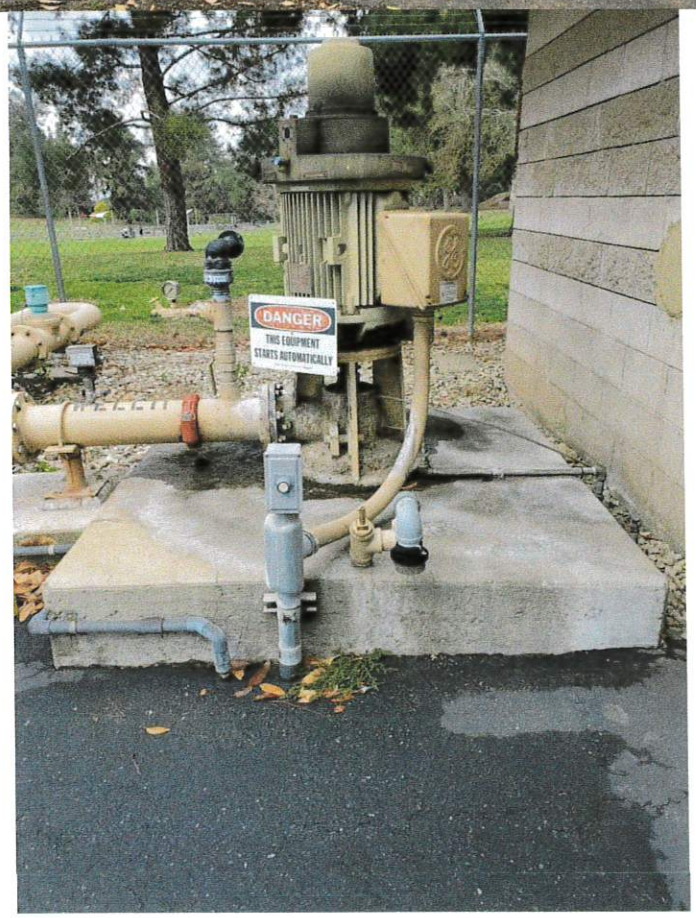
Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 64,180.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Sixty-four thousand one hundred eighty




DANGER
THIS EQUIPMENT
STARTS AUTOMATICALLY

BID SCHEDULE
36 Well & Equipment Rehabilitation

TASK 2.7

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 4,000
2	**Remove Pumping Equipment:** Remove 328' of Oil-lube turbine pump equipment consisting of 8" x 2" x 1-1/4" column tube and shaft. Note: Pump is located at Hillside Memorial Park, work will have to coordinate with Hillside staff. The pump is also located below grade in a permit required confined space. Contractor is required to comply with all regulatory permit required confined space entry procedures.	Lump Sum			13,750 $
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			1,100 $
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 12" casing (total depth unknown). Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	14,000 $
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 328' of 2" x 1-1/4" tube and shaft assembly with all new bearing, couplings and any other needed hardware.	Linear foot	328'	$ 4.58	1,502.24 $
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 328' of 2" x 1-1/4" steel tubing and shaft.	Linear foot	328'	$ 12.81	4,201.68 $
9	***Furnish and Install New Column Pipe:** Furnish and install 328' of 8" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	328'	$ 56	18,368 $
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
11	**Rebuild US Pumps Head:** Sand blast and epoxy coat pump head. Rebuild US Pumps pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			4,000 $
12	***Rebuild Bowl Assembly:** Rebuild 12 stage Goulds 9RCLC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 3,500
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 450 GPM @ 446' TDH Write in - manufacture name, pump model number and number of stages: 9RCLC-12	Lump Sum			7,000 $

14	**Furnish and Install New Airline:** Furnish and install 328' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,400
15	**Install Oil lube Turbine Pumping Equipment:** Install 328' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 13,600
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 91,421.92

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

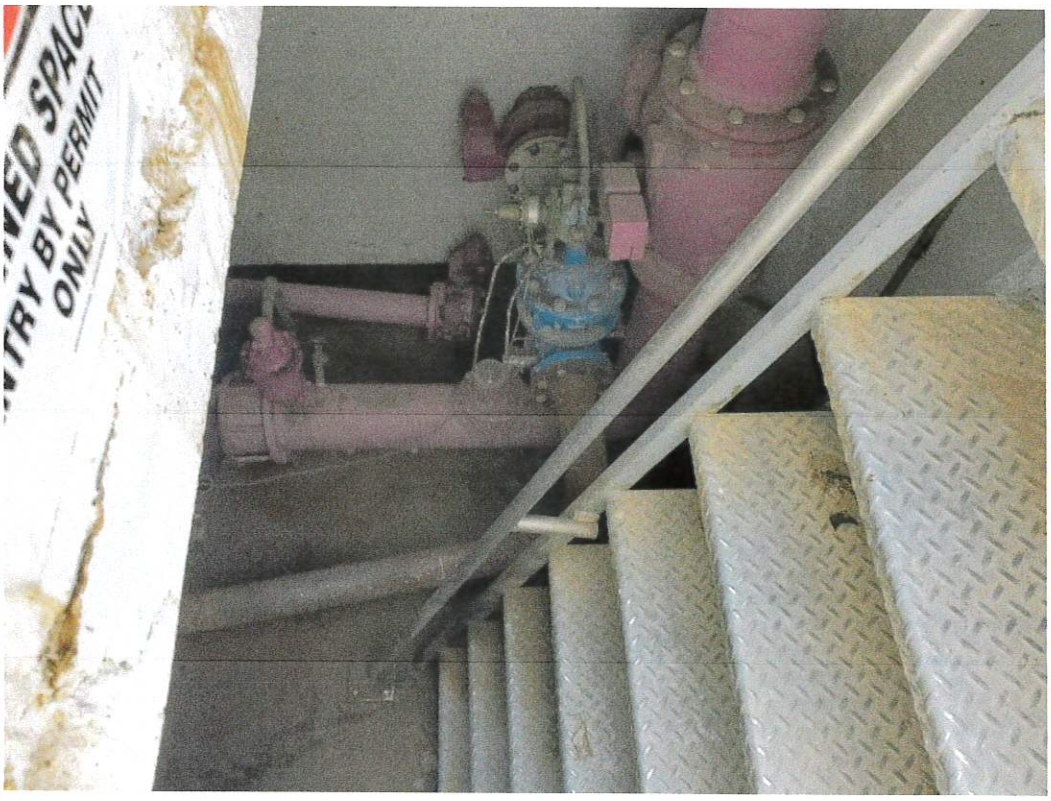
BID SCHEDULE TOTAL PRICE: $ 91,421.92

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Ninety-one thousand four hundred twenty-one and ninety-two cents






ONLY

BID SCHEDULE
Airport 2 Well & Equipment Rehabilitation

TASK 3.1

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 6,800
2	**Remove Pumping Equipment:** Remove 446' of Oil-lube turbine pump equipment consisting of 10" x 3"x 1-11/16" with 40' of engineered suction. Leave suction on site.	Lump Sum			$ 17,300
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,500
4	**Video Log Well:** Video log well after pumping equipment has been pulled. Provide detail report, recommendation for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 20" and 18" casing x 470'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	$ 14,000
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 420' of 3" x 1-11/16" column, tube and shaft assembly with all new bearing, couplings and any other needed hardware.	Linear foot	420'	$ 13	$ 5,960
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 420' of 3" x 1 11/16" steel tubing and shaft.	Linear foot	420'	$ 19	$ 7,980
9	***Furnish and Install New Column Pipe:** Furnish and install 420' of 10" schedule 40 column pipe. Include all necessary couplings.	Linear foot	420'	$ 81	$ 34,020
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass assembly.	Lump Sum			$ 800
11	**Rebuild I.R.** Pump Head: Sand blast and epoxy coat pump head. Rebuild I.R. head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
12	**Rebuild Bowl Assembly:** Rebuild 9 stage American Marsh 13MC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 6,500
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1500 GPM @ 600' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **Goulds FDLC-12 Stage**	Lump Sum			$ 9,800
14	**Furnish and Install New Airline:** Furnish and install 420' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,600

15	**Install Oil lube Turbine Pumping Equipment:** Install 446' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 19,500
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 133,760.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 133,760.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred thirty-three thousand seven hundred sixty





BID SCHEDULE
Mill Creek 2A Well & Equipment Rehabilitation

TASK 3.2

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 2,500
2	**Remove Pumping Equipment:** Pull 240' of pumping equipment consisting of 6" x 1 3/16" water lube pump.	Lump Sum			$ 6,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 500
4	**Demo and Install New Pump Base:** Existing concrete pump base is 48" x 48" x 22". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 10,500
5	**Raise Discharge Piping:** Raise 12" discharge piping approx. 2" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,500
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
6	**Wire Brush and Bail:** Brush and bail well to bottom of 20" casing x 300'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 24 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	24	$ 350	$ 8,400
7	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
8	***Furnish and Install New Line Shaft:** Furnish and install All 240' X 1 3/16" 316 SS line shaft and 304 SS coupling.	Linear foot	240'	$ 13	$ 3,120
9	**Rebuild IR Head:** Sand blast and epoxy coat pump head. Rebuild IR pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 3,000
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass Assembly.	Lump Sum			$ 200
11	**Furnish and Install All Bushings:** Furnish and install all bronze drop in retainers with Vesconite bushings.	Each	24	$ 175	$ 4,200
12	***Rebuild Bowl Assembly:** Rebuild 7 stage Ingersoll-Dresser 10M50 bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 2,500
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1260 GPM @ 180' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **10 DHHC-6**	Lump Sum			$ 4,200
14	***Furnish and Install New column Pipe:** Furnish and install 240' of 6" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	240'	$ 42	$ 10,080

15	**Furnish and Install New Airline:** Furnish and install 240' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,100
16	**Install Water Lube Turbine Pumping Equipment:** Install 240' of water lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 6,000
17	**Perform Start Up, Wire Motor, and Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
18	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
19	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
20	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 67,200.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 67,200.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Sixty-seven thousand two hundred



BID SCHEDULE
Rees Well & Equipment Rehabilitation

TASK 3.3

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 5,000
2	**Remove Pumping Equipment:** Remove 410' of Oil-lube turbine pump equipment consisting of 10 "x 3" x 1-15/16" column tube and shaft.	Lump Sum			$ 14,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,000
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 14" casing x 511'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 32 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	32	$ 350	$ 11,200
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 390' of 3" x 1-15/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	390'	$ 12	$ 4,680
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 390' of 3" x 1-15/16" steel tubing and shaft.	Linear foot	390'	$ 22	$ 8,580
9	***Furnish and install New Column Pipe:** Furnish and install 390' of 10" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	390'	$ 82	$ 31,980
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
11	**Rebuild Johnson Pump Head:** Sand blast and epoxy coat pump head. Johnson pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
12	***Rebuild Bowl Assembly:** Rebuild 8 stage Goulds 12CHC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,700

13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 1020 GPM @ 597' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **12CHC-8**	Lump Sum			$ 6,800
14	**Furnish and Install New Airline:** Furnish and install 390' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,400
15	**Install Oil lube Turbine Pumping Equipment:** Install 410' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 14,000
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
	BID SCHEDULE TOTAL PRICE				$ 112,640.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

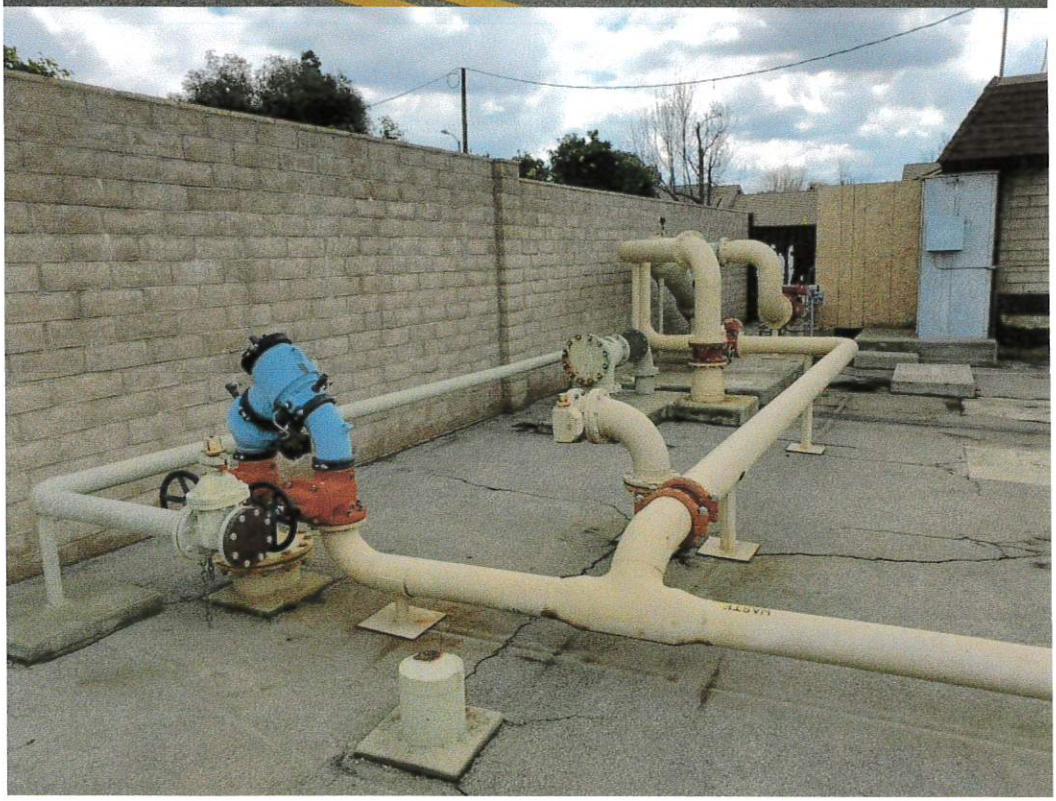
Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 112,640.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred twelve thousand six hundred forty







BID SCHEDULE
SB Muni Well & Equipment Rehabilitation

TASK 3.4

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 9,000
2	**Remove Pumping Equipment:** Remove 505' of Oil-lube turbine pump equipment consisting of 12" x 4" x 2-7/16" column tube and shaft.	Lump Sum			$ 20,800
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,500
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 78 "x 78" x 6". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 14,000
6	**Raise Discharge Piping:** Raise 12" discharge piping 10" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,500
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 18" casing x 590'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	$ 14,000
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 505' of 4" x 2-7/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	505'	$ 26	$ 13,130
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 505' of 4" x 2-7/16" steel tubing and shaft.	Linear foot	505'	$ 38	$ 19,190
11	***Furnish and install New Column Pipe:** Furnish and Install 505" of 12" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	505'	$ 100	$ 50,500
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
13	**Rebuild Layne & Bowler Head:** Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
14	***Rebuild Bowl Assembly:** Rebuild 6 stage Layne & Bowler 16KHM bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 7,000

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2650 GPM @ 480' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **14RHHC-6**	Lump Sum			$ 9,800
16	**Furnish and Install New Airline:** Furnish and install 505' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,700
17	**Install Oil lube Turbine Pumping Equipment:** Install 505' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 21,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 192,420.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 192,420.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred ninety-two thousand four hundred twenty



BID SCHEDULE
Mill Creek 4 Well & Equipment Rehabilitation

TASK 3.5

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 3,000
2	**Remove Pumping Equipment:** Remove 193' of Oil-lube turbine pump equipment consisting of 10" x 3" x 1-11/16" column tube and shaft.	Lump Sum			$ 5,700
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 20" casing x 275'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 24 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	24	$ 350	$ 8,400
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 193' of 3" x 1-11/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	193'	$ 13	$ 2,509
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 193' of 3" x 1-11/16" steel tubing and shaft.	Linear foot	193'	$ 19	$ 3,667
9	***Furnish and Install New Column Pipe:** Furnish and install 193' of 8" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	193'	$ 58	$ 11,194
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
11	**Rebuild Layne & Bowler Head:** Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 4,000
12	***Rebuild Bowl Assembly:** Rebuild 6 stage Flowise 12EMM bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 4,200
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 900 GPM @ 421' TDH Write in - manufacture name, pump model number and number of stages: **12CMC-6**	Lump Sum			$ 6,500
14	**Furnish and Install New Airline:** Furnish and install 193' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 600

15	**Install Oil lube Turbine Pumping Equipment:** Install 193' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 5,700
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 61,570.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N /A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 61,570.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Sixty-one thousand five hundred seventy



BID SCHEDULE
Redlands Heights Well & Equipment Rehabilitation

TASK 3.6

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 3,500
2	**Remove Pumping Equipment:** Remove 321' of Oil-lube turbine pump equipment consisting of 6" x 2-1/2" x 1-1/2" column tube and shaft.	Lump Sum			$ 7,000
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 800
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
5	**Wire Brush and Bail:** Brush and bail well to bottom of 20" casing x 523'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 32 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	32	$ 350	$ 11,200
6	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
7	***Rebuild Tube and Shaft Assembly:** Rebuild 303' of 2-1/2" x 1-1/2" tube and shaft assembly with all new bearing, couplings and any other needed hardware.	Linear foot	303'	$ 15	$ 4,545
8	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 303' of 2-1/2" x 1-1/2" steel tubing and shaft.	Linear foot	303'	$ 22	$ 6,666
9	***Furnish and Install New Column Pipe:** Furnish and install 303' of 6" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	303'	$ 37	$ 11,211
10	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
11	**Rebuild Layne & Bowler Head:** Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor.	Lump Sum			$ 3,200
12	***Rebuild Bowl Assembly:** Rebuild 6 stage Goulds 12WALC bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting.	Lump Sum			$ 3,500
13	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 600 GPM @ 370' TDH Write in - manufacture name, pump model number and number of stages: 12WALC-6	Lump Sum			$ 7,000
14	**Furnish and Install New Airline:** Furnish and install 303' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,200

15	**Install Oil lube Turbine Pumping Equipment:** Install 321' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 8,500
16	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
17	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
18	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
19	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 73,622.00

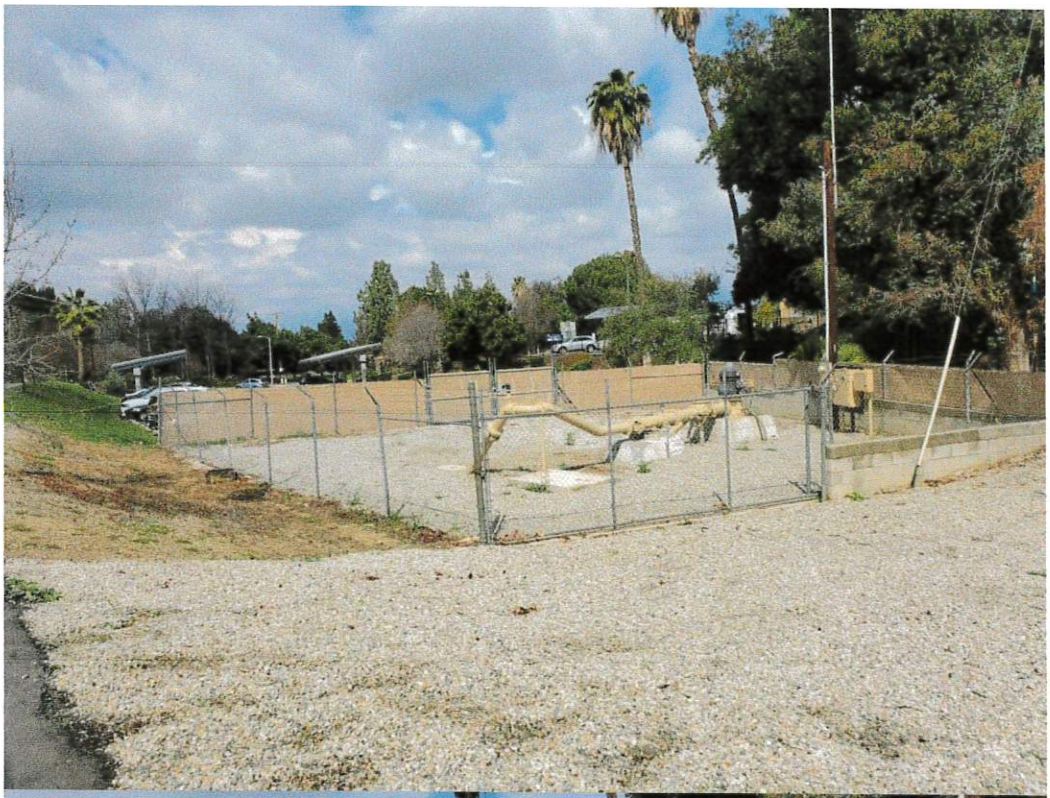
Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 73,622.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

Seventy-three thousand six hundred twenty-two





City of
REDLANDS
Incorporated 1888
Municipal Utilities & Engineering Department
35 Cajon Street, Suite 15A
Redlands, CA 92373
909-798-7698

JOHN R. HARRIS
Director

March 8, 2022

General Pump Company, Inc.
Attn: Tomas A. Nanchy, Sr. Project Manager/Project Engineer
159 N Acacia Street
San Dimas, CA 91773

RE: Notice to Extend Annual Purchase Order Term
Well and Booster Pump Maintenance

To Tomas A. Nanchy, Sr. Project Manager/Project Engineer:

You are hereby notified that the City of Redlands wishes to extend the term of the annual Purchase Order No.22210312, pursuant to the Contract Term on page 1 of the contract agreement effective June 15, 2021. The City wishes to exercise the option to extend for an additional one-year term on the same terms and conditions as per the attached contract agreement Article 4 – Performance of Services 4.2 on page 2.

You are required to return the Notice of Acknowledgement, evidence of current City business license, and W9, within **fourteen (14)** calendar days from the date of this Notice. Submit by USPS or via email to jharris@cityofredlands.org. The due date is therefore March 22, 2022.

Upon your return of the Notice of Acknowledgement, the Municipal Utilities and Engineering Department will present to City Council and once approved, a new purchase order will be issued. The new term would be July 1, 2022 to June 30, 2023. A copy of your submittal is included for review.

If you do not return said Acknowledgement and forms within the **fourteen (14)** calendar days from the date of this Notice, the City will rebid the commodity.

If you have any questions you may contact me (909) 798-7658 x. 7658.

Thank you,
John R. Harris
Director of Municipal Utilities & Engineering

City of
REDLANDS
Incorporated 1888
Municipal Utilities & Engineering Department
35 Cajon Street, Suite 15A
Redlands, CA 92373
909-798-7698

JOHN R. HARRIS
Director

March 8, 2022

General Pumps Company, Inc.
Attn: Tomas A. Nanchy, Sr. Project Manager/Project Engineer
159 N. Acacia Street
San Dimas, CA 91773

NOTICE OF ACKNOWLEDGMENT

RE: Notice to Extend Annual Purchase Order Term
Well and Booster Pump Maintenance

This is extension year 2of 3 per pursuant to the Contract Term on page 1 of the contract agreement effective June 15, 2021. Receipt of the above Notice of Acknowledgement is hereby accepted by Thomas Nanchy
this, 14th day of March, 2022.

By: _____
(Signature)

Thomas Nanchy
(Print Name)

Sr. Project Mgr. / Engr.
(Title)

"A City That Works"

City Council/Successor Agency Meeting **I. 13.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve Resolution No. 8334 for a new connection to the City of Redlands water distribution system at 2371 Naples Avenue, Outside City Case No. 22-01, and determine that the Resolution is exempt from environmental review pursuant to Sections 15303(a) and 15319(b) of the State's guidelines implementing the California Environment Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move to approve Resolution No. 8334.

RECOMMENDATION:

Staff recommends City Council approval of Resolution No. 8334.

DISCUSSION:

Staff recently received a water connection application for the property located at 2371 Naples Avenue (APN 0298-301-33-0000), which is a vacant parcel located approximately 1.8 miles east and 0.15 miles south of the Redlands city limits in the Mentone area. The Redlands Municipal Code (RMC) requires the Municipal Utilities and Engineering Department (MUED) Director and Development Services Department (DSD) Director to present completed applications for utility connections outside the city limits to City Council to determine if approval is in the best interests of the citizens of Redlands, and to provide direction to staff regarding the preparation of pre-annexation agreements.

The following items were reviewed and deemed complete by the MUED and DSD Directors:

1. Application for availability for an OSC water connection;
2. Application for environmental review and a pre-annexation agreement;

OSC 22-01 is a small project including one (1) lot proposed for future construction of a single-family residential development (see Attachment A-1). The applicant proposes to only use water for irrigation purposes until a single family residence is constructed at an undetermined time in the future. Currently, twenty-five (25) residential unit water and sewer connections are available for small projects. In accordance with State law, utility services may be extended beyond the City limits at the discretion of the City. The RMC establishes the following criteria for the City Council to consider when making such determinations:

1. The relationship of the property and its proposed use to the City's General Plan and zoning ordinances;
2. The relationship of the property and its proposed use to the City's Water Master Plan, and the City's
   Water Capital Improvement Programs;
3. The proximity of the property to the City's boundaries and existing utility infrastructure;
4. The proposed potential for new revenue sources for the City to pay for City services provided to the project as a result of annexation and development of the property; and,
5. The standards proposed for development of the property.

Approval of OSC 22-01 allows the applicant to physically connect to the water system.

Consistency with the General Plan:

The subject property is located in the Low Density land use designation of the General Plan, which supports residential uses such as single-family homes. The property is approximately 0.17 acres and currently undeveloped. The eventual use of this parcel is consistent with the City of Redlands General Plan.

Environmental Review:

The approval Resolution No. 8334 is exempt from the California Environmental Quality Act (CEQA) review in accordance with Section 15303(a) (Conversions of Small Structures) and Section 15319(b) (Annexations of Existing Facilities and Lots for Exempt Facilities) of the CEQA Guidelines. Section 15303(a) exempts conversions of small structures, including a single-family residence. Additionally, Section 15319(b) exempts the annexation of lots for exempt facilities such as those included in Section 15303.

ALTERNATIVES:

City Council may deny the staff recommendation if Council determines OSC 22-01 is inconsistent with the General Plan, or if the project does not serve the best interests of the City.

STRATEGIC PLAN:

N/A

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Brian Desatnik, Development Services Director

PREPARED BY:
Donald Young, One Stop Permit Center Manager

Fiscal Impact

Discussion:
The applicant will be required to pay the Water Capital Improvement Charge, Water Source charge and associated encroachment permit fees.

Attachments

Resolution No. 8334
Attachment A1

RESOLUTION NO. 8334

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS DETERMINING THAT OUTSIDE CITY CASE (OSC) 22-01 IS CONSISTENT WITH THE REDLANDS GENERAL PLAN, AND THAT THE PUBLIC HEALTH, SAFETY, WELFARE AND BEST INTERESTS OF THE CITIZENS OF REDLANDS ARE SERVED BY THE CONTINUED PROCESSING OF OSC 22-01

WHEREAS, John Lawson has filed an application for an Outside City Case ("OSC") No. 22-01 with the City of Redlands for a water connection for irrigation purposes on a vacant parcel located at 2371 Naples Avenue and identified as county of San Bernarino Assessor Parcel Number 0298-301-33-0000 in the unincorporated community of Mentone; and

WHEREAS, John Lawson has concurrently applied for a pre-annexation agreement with the City's Development Services Department;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS AS FOLLOWS:

Section 1. The City Council hereby determines that approval of this Resolution is exempt from review under California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines section 15303(a) and 15319(b) as CEQA exempts the conversion of small structures and the annexation of lots for exempt facilities.

Section 2. The City Council hereby determines that OSC 22-01 is consistent with the City of Redlands General Plan and the public health, safety, welfare and best interests of the citizens of Redlands are served by the City's continued processing of the application; and

Section 3. The City Council hereby directs staff to prepare a pre-annexation agreement for 2371 Naples Avenue and identified as county of San Bernarino Assessor Parcel Number 0298-301-33-0000.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

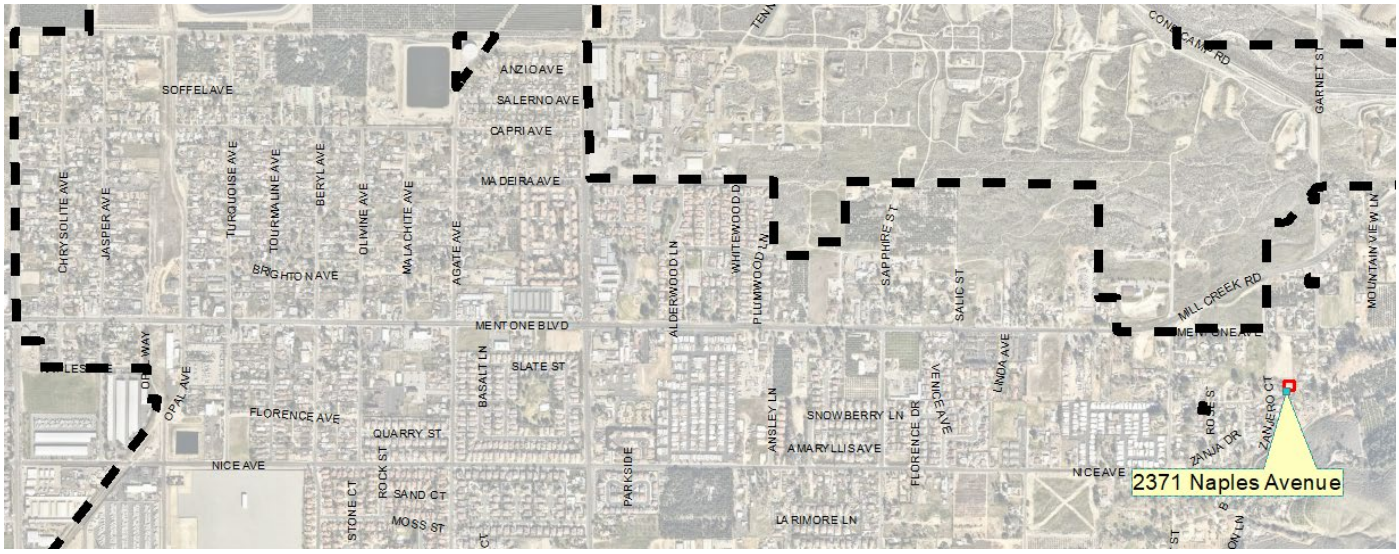
_____
Jeanne Donaldson, City Clerk

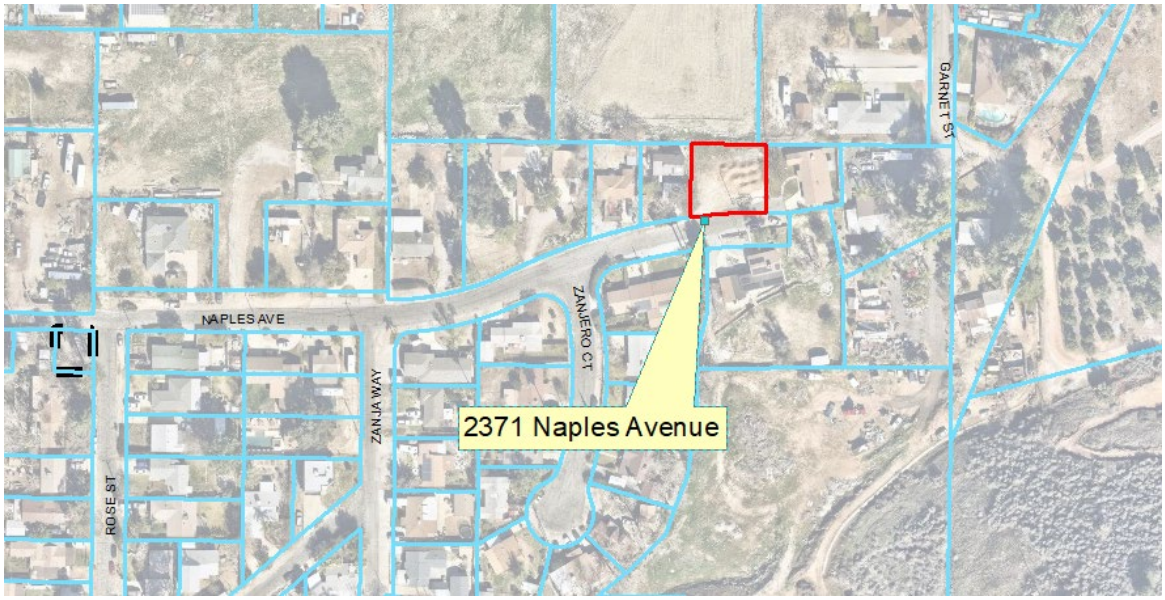
Attachment A-1
Project Summary

SUMMARY TABLE, SUMMARY, AND LOCATION MAP
RESIDENTIAL PROJECT APPLICATIONS
CALENDAR YEAR 2022

OSC CASE #	DEVELOPER	LOCATION	UNITS
22-01	John Lawson	2371 Naples	1

OSC 22-01 is located at 2371 Naples Avenue (APN 0298-301-33-0000). The project is located approximately ~1.8 miles east of the city limits. Staff review indicates the project is consistent with the City's General Plan.





DISCUSSION OF SUBSECTION H. CRITERIA – RMC 13.060.050 H

(H.1.) Relationship of the property and its proposed use to the city's General Plan and zoning ordinances.

The City of Redlands General Plan Land Use Map shows the subject property designated as 'Low Density Residential' (defined as 2.7 – 6.0 dwelling units per gross acre). The subject property was formed under the jurisdiction of San Bernardino County and currently exists as a legal lot of record. The subject property is currently vacant and will be developed with a single-family residence in the future. The property has a lot size approximately 7,511 square feet in size and is physically suitable for the proposed use.

In the event that this property and surrounding properties were to be annexed in the future, the subject property would likely be zoned Single Family Residential (R-1) which is consistent with the City's General Plan designation of Low Density Residential. At that time, all future development or subdivision within the area would then be required to be consistent with the R-1 zoning and Low Density General Plan designation.

(H.2.) Relationship of the property and its proposed use to the City's Water Master Plans, and the City's Water Capital Improvement Programs:

The 1998 Water Master Plan included the area of the property in their service area study, and the incremental demand was included in sizing the existing sewer mains that serve the area. There is a current water CIP (Capital Improvement Program) project to increase the size of the existing water main in Naples Avenue from a 4" main constructed in 1950 to an 8" main.

(H.3.) Proximity of the property to the city's boundaries and existing utility infrastructure:

The project is within the city's Sphere of Influence as defined by LAFCO. The project is located approximately 1.80 miles east and 0.15 miles south of the Redlands city limits.

The project is subject to meeting utilities development requirements. The development requirements for water infrastructure are contained within this staff report.

(H.4.) The Proposed Potential for New Revenue Sources for the city to Pay for City Services Provided to the Project as a Result of Annexation and Development of the Property:

Staff has examined two factors of potential revenue to the city given the provision that the project is annexed into the city and the site is developed.

POTENTIAL REVENUE FROM DEVELOPMENT

If the property were annexed into the city with the proposed development of the site, the following is an estimate of revenues per unit that are in excess of utility impact fee revenue:

- Water Capital Improvement and Water Source, both of which are assessed on a per unit basis at the time of setting the water service meter, will be paid at the current development impact fee schedule.

(H.5.) <u>The Proposed Standards for Development of the Property</u>:

The subject property is currently vacant and will ultimately be developed with a single-family residential dwelling. The current proposal is for only irrigation purposes. The proposed residential development is consistent with the General Plan Land Use Map and the suggested R-1 (Single Family Residential) zoning district.

Should this property be annexed in the future, it is likely that the property would be zoned Single Family Residential Estate (R-1) for consistency with the City's General Plan. The standards for the R-1 District are outlined in the table below. The proposed residential development appears to be consistent with the City development standards.

City of Redlands, Single Family Residential (R-1) District Standards.

	Development Standard	**Proposal**	**Complies?**
Minimum Lot Area	7,200 square feet Minimum	7,511 square feet	Yes
Minimum Lot Width	60 feet minimum;	85 feet	Yes
Minimum Lot Depth	100 feet minimum	~ 75 feet	No
Maximum Lot Coverage	30 percent	TBD	Yes
Front Yard	25 feet minimum;	TBD	Yes
Side Yard	5 feet minimum on one site and 10 feet on the other side.	TBD	Yes
Rear Yard	25 feet minimum	TBD	Yes
Density	One Dwelling Unit per Lot	One Dwelling Unit per Lot	Yes

The proposed development of the project site is currently for irrigation of the lot in preparation of a future development as a single family residence.
The lot size does not meet the minimum lot depth for the zoning classification and would be considered as nonconforming.

DRAFT DEVELOPMENT REQUIREMENTS

The following items are required prior to approval of APPLICATION FOR WATER SERVICE CONNECTION.

1. Pay the Water Capital Improvement Charge and Water Source Acquisition Charge.

"A City That Works"

City Council/Successor Agency Meeting **I. 14.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve a Reimbursement Agreement with San Bernardino Valley Municipal Water District for rehabilitation of the San Bernardino Avenue Well, and determine that this action is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motions are provided:

I move that the City Council determine that approval of the Reimbursement Agreement with San Bernardino Valley Municipal Water District is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality act; and

I move to approve a Reimbursement Agreement with San Bernardino Valley Municipal Water District.

RECOMMENDATION:

Staff recommends that City Council approve the Reimbursement Agreement with San Bernardino Valley Municipal Water District and determine that approval of thr Reimbursement Agreement with San Bernardino Valley Municipal Water District is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act, and approve the Reimbursement Agreement.

DISCUSSION:

In April 2013, the City and San Bernardino Valley Municipal Water District (SBVMWD) executed an Agreement for the Cooperative Use of Unused Well Capacity, the Texas Grove Reservoir and the Central Feeder System. This Agreement was first amended in October 2015, and was amended a second time in February 2021. The goal of the Agreement is to allow cooperative operation of facilities. The City and SBVMWD agreed to amend the Agreement periodically as necessary to reflect the addition of facilities and to take advantage of opportunities to improve water supply reliability.

In June 2021, City Council authorized an Agreement with General Pump Company, Inc. (GPC) to rehabilitate groundwater wells and booster pump stations throughout the Redlands water service area based on a project schedule developed by City staff. The goal of the project is to strengthen the City's ability to extract groundwater during periods of drought when surface water sources are unreliable. The project will rehabilitate approximately two (2) dozen groundwater wells and booster pump stations within three (3) years. Project tasks identified for completion in the first year are nearly complete.

Rehabilitation of the San Bernardino Avenue Well was initially scheduled for completion in the third year of the project. However, staff recently discovered a failing discharge pipe and related components, which requires rescheduling this portion of the project for completion in the first year. SBVMWD agreed to share the cost for this portion of the project evenly with the City through the terms of a Reimbursement Agreement. The Agreement obligates SBVMWD to reimburse the City half of all San Bernardino Avenue Well rehabilitation and repair costs, and limits the SBVMWD total reimbursement to $157,000. If City Council approves this Agreement, staff will submit an invoice to SBVMWD for reimbursement when this portion of the project is successfully completed.

Approval of the Reimbursement Agreement with SBVMWD is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act, as it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment.

ALTERNATIVES:

City Council may deny staff's recommendation.

STRATEGIC PLAN:

N/A

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
John R. Harris, Municipal Utilities and Engineering Director

Fiscal Impact

Fiscal Year:	FY 21/22
Revenue Generating:	Y
Appropriation Required Y/N:	N
Amount:	$157,000
Budgeted Y/N:	N
Account No.:	501900

Discussion:

There is no fiscal impact associated with approval of this Reimbursement Agreement with SBVMWD,

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Attachments

SBVMWD Well Capacity Agreement

Reimbursement Agreement

AGREEMENT FOR THE COOPERATIVE USE OF UNUSED WELL CAPACITY, THE TEXAS GROVE RESERVOIR AND THE CENTRAL FEEDER

This Agreement for the Cooperative Use of Unused Well Capacity, the Texas Grove Reservoir and the Central Feeder ("Agreement") is entered into and effective this 2nd day of April , 2013 ("Effective Date") by and between the City of Redlands ("City") and San Bernardino Valley Municipal Water District ("Valley District"). City and Valley District are sometimes individually referred to herein as a "Party" and, together, as the "Parties."

Recitals

A. City owns the 3.9 million gallon Texas Grove Reservoir, which is shown on the map attached hereto as Exhibit "A" and incorporated herein by reference. The Texas Grove Reservoir is located adjacent to the Valley District Redlands Pump Station.

B. Valley District desires to purchase 2.3 million gallons of capacity in the existing City of Redlands' Texas Grove Reservoir which is already intertied with the Valley District Central Feeder system.

C. City is willing to sell Valley District 2.3 million gallons of capacity in the Texas Grove Reservoir.

D. City owns various water wells that deliver water to the Texas Grove Reservoir.

E. Valley District has constructed the Central Feeder Project Phase 1, which includes the Redlands Pump Station and a 78-inch pipeline (the "**Central Feeder**") that connects to the Metropolitan Water District of Southern California's Inland Feeder Pipeline and the East Branch Extension of the State Water Project. The Central Feeder is shown on the map attached hereto as Exhibit "A." Valley District further intends to construct new wells in the San Bernardino Basin Area (the "**SBBA**"), in, or upstream of, the Area of Historic High Groundwater (the "**AHHG**" or the "**Pressure Zone**") that could deliver water to the Central Feeder.

F. From time to time, Valley District intends to use its proposed wells to dewater the AHHG during periods when the Boards of Directors for Valley District and Western Municipal Water District (**"Western"**) agree additional extractions are needed to mitigate the risks associated with high groundwater which include the flooding of basements and the increased risk of property damage and personal injury from soil liquefaction during an earthquake. These Valley District wells may also be used to extract: (i) State Water Project water that has been "banked" in the SBBA, (ii) Western's portion of Santa Ana River water diverted and stored in the SBBA under State Water Resources Control Board permits 21264 and 21265, or (iii) "new conservation water," as defined in the *Western* Judgment (*Western Municipal Water District et al. v. East San Bernardino County Water District et al.*, Riverside County

Superior Court Case No. 78426, April 17, 1969) and determined by the Western-San Bernardino Watermaster that is banked in the SBBA. Additionally, Valley District intends to consult with other water agencies with interests in the SBBA, by working with the Basin Technical Advisory Committee, in order to ensure Valley District and Western Boards of Directors are provided with the most up-to-date technical information upon which to base decisions.

G. To postpone the need to construct its own wells and related transmission pipelines, Valley District desires to utilize the City's water wells when the City is not using such wells (unused capacity) to pump and deliver water to the Central Feeder via the Texas Grove Reservoir and Redlands Pump Station.

H. City wishes to make its unused water well capacity available to Valley District provided that it does not cause lower water levels and, thereby, increase pumping costs for City's own customers nor cause water quality degradation for Total Dissolved Solids ("**TDS**") in the SBBA that causes Redlands Wastewater Treatment Plant discharges to exceed permitted concentrations.

I. City and Valley District, in addition to other parties, entered into the "Settlement Agreement Relating to the Diversion of Water From the Santa Ana River System (the "**Seven Oaks Accord**")" on July 21, 2004. One of the provisions of the Seven Oaks Accord provides for participation in a "groundwater spreading program" that would, among other things, maintain groundwater levels at relatively constant levels in the SBBA.

J. Valley District and the Santa Ana Regional Water Quality Control Board entered into the "Cooperative Agreement to Protect Water Quality and Encourage the Conjunctive Uses of Imported Water in the Santa Ana River Basin" (the "**RWQCB Agreement**") on January 16, 2008, which requires preparation of a report on water quality conditions in the SBBA every three years.

K. City and Valley District wish to cooperate in the operation of facilities for the mutual benefit of the Parties.

Agreements

1. *Valley District Purchase of Storage Rights in the Texas Grove Reservoir*

   a. *Storage Rights.* City hereby sells, and Valley District hereby purchases, all rights to the use of the upper 2.3 million gallons of usable storage capacity in the existing Texas Grove Reservoir, for the life of the reservoir, which capacity is understood by the Parties to be at, or above, elevation 1338.9 feet MSL NGVD. City shall retain all storage rights to the use of that portion of the Texas Grove Reservoir below elevation 1338.9 feet MSL NGVD. Neither Party shall interfere

with the other Party's use of its share of the storage capacity of the Texas Grove Reservoir, unless such storage capacity is needed to meet fire fighting demands by City. In such instances, City shall have the right to use all water available in the Texas Grove Reservoir. City shall cooperate with Valley District and allow Valley District to construct City-approved facilities necessary to utilize Valley District's full storage rights in the Texas Grove Reservoir.

b. *Payment by Valley District for Storage Rights.* Valley District shall pay City the sum of $2,168,426 for the rights described in paragraph 1a within 30 calendar days after the Effective Date of this Agreement. Valley District will make such payment by electronic funds transfer into a fund approved by City. City shall provide Valley District with a written receipt, acknowledging payment in full, within 7 calendar days of the electronic funds transfer.

c. *Operation and Maintenance.* City shall be responsible for the day to day operation and maintenance of the Texas Grove Reservoir, except for the 42-inch nozzle connecting the Texas Grove Reservoir to Valley District's Redlands Pump Station which shall be the responsibility of Valley District.

(1) *Ordinary Operation and Maintenance.* City shall operate the Texas Grove Reservoir in accordance with the terms of this Agreement and in accordance with good engineering practices, including normal maintenance of the reservoir.

(2) *Substantial Work.* In the event City determines, in its reasonable engineering judgment, that substantial work (i.e., more than $50,000 in a calendar year) is needed to properly maintain the Texas Grove Reservoir, City shall promptly consult with Valley District and, before commencing any work, City shall give written notice to Valley District of: (i) the work to be performed, (ii) the estimated cost of the proposed work, and (iii) the contractor(s) that will perform work. City may only commence such work upon receipt of written approval from Valley District, which approval shall not be unreasonably withheld or delayed.

(3) *Emergency Circumstances.* Nothing in paragraph 1c(2) shall be construed to prevent City from taking any action it reasonably believes necessary in the event of an emergency. City shall notify Valley District of the existence of an emergency as soon as reasonably possible and shall, to the extent feasible under the circumstances, coordinate a response with Valley District.

(4) *Reimbursement by Valley District.* Valley District shall reimburse City for 63% of the costs to operate and maintain the Texas Grove Reservoir, as determined based on the calculations attached hereto as Exhibit "B" and

entitled "City of Redlands Reservoir #1 (Texas Grove Reservoir)." Reimbursable costs shall include, but not be limited to, actual and reasonable costs of City staff, consultants and contractors for operating and maintaining the Texas Grove Reservoir.

(5) *Invoices to Valley District.* City shall invoice Valley District for such operation and maintenance costs quarterly in arrears and Valley District shall pay such invoices within 30 calendar days of the date of the invoice. Invoices shall indicate, in reasonable detail, the cost of each action undertaken by City to operate and maintain the Texas Grove Reservoir, including the date of the service, the individuals performing the service, the hourly rate of such individuals, and the costs of any materials. In the event Valley District objects to any costs identified on an invoice, Valley District shall pay the undisputed costs and shall invoke the dispute resolution process described in paragraph 10c below for the objectionable costs.

2. *Term of Agreement.* This Agreement shall have an initial term of five years from its Effective Date and shall automatically renew for subsequent five-year terms thereafter unless terminated as provided for in paragraph 8 below.

3. *Cooperative Operation of City Wells and the Central Feeder*

a. *Delivery of Water by City to Valley District.*

(1) *Estimate of unused capacity by City.* No later than each November 1, City shall provide Valley District with a written estimate of the availability of water during the following calendar year, up to a maximum of 20,000 acre-feet. City shall make this estimate in its sole and reasonable discretion. City may base its estimate on hydrologic conditions, groundwater levels, facility limitations, demand for water within City, or any other reasonable factor.

(2) *Valley District Water Order.* No later than each December 1 of each year, Valley District shall provide City with a written order for water for the following calendar year, up to a maximum amount equal to City's estimate of unused capacity.

(3) *Water delivery to Texas Grove Reservoir.* City shall operate its water production and distribution systems to provide Valley District with the amount of water ordered by Valley District at the Texas Grove Reservoir. Valley District shall install or cause to be installed a meter to measure deliveries by City to Valley District. City shall have the right to read the

meter on a monthly basis and inspect the meter at least annually in order to ensure the accurate calculation of water delivered to Valley District.

(4) *Modification of City's Estimate.* The Parties understand and acknowledge that a number of factors, including but not limited to greater/lesser precipitation or changes in customer demand for water, may modify City's ability to supply Valley District with ordered water. It is the intent of the Parties that this Agreement not interfere with City's obligation to serve its customers.

(a) City may increase or decrease its estimate of water available to Valley District at any time during a calendar year as may be reasonable to provide water service to City's customers. City will use reasonable, good faith efforts to meet Valley District's water demands.

(b) In the event of an emergency, as defined in California Public Contract Code Section 1102, City may take any actions it deems reasonably necessary to respond to the emergency and provide water service to its customers. City shall promptly consult with Valley District and jointly develop a plan that will provide Valley District water as soon as practicable after the conclusion of the emergency.

b. *Payment by Valley District for Water.* Valley District shall pay City the actual production cost, as determined pursuant to paragraph 3b(1) below, and the Operations, Maintenance and Repair ("**OMR**") cost, as determined pursuant to paragraph 3b(2) below, for water delivered to Valley District at the Texas Grove Reservoir.

(1) *Payment for Production Cost.* Valley District shall pay City for City's actual cost of producing water pursuant to this Agreement. Such actual costs may be determined by using either: (i) energy and treatment costs for the water production facilities that City specifically operates to meet Valley District's water order or (ii) a weighted average cost of energy and treatment for all City facilities producing water during a period in which City delivers water to Valley District. City shall determine, and notify Valley District in writing, which method will be used to determine the actual cost of producing water for Valley District prior to delivery of water to Valley District. Absent notification, the Parties shall use method (ii) above until notice is given.

(2) *Payment for OMR Cost.* Valley District shall pay City's actual costs to operate, maintain and repair its water production and distribution facilities

(including, without limitation, production wells, booster pumps, treatment facilities, etc.) for the benefit of Valley District. Specifically, Valley District shall pay all costs, including staff time, associated with City's operation of its water production and distribution facilities to deliver water to Valley District. In addition, Valley District shall pay its fair share of City's costs to maintain and repair its water production and distribution facilities. This cost shall be equal to the City's actual per acre-foot cost for maintenance and repair of its water production and distribution facilities over the preceding three calendar years, multiplied by the number of acre-feet ordered by Valley District.

(3) *Invoices to Valley District.*

(a) *Production Cost Invoices.* City shall invoice Valley District for production costs at least quarterly in arrears and Valley District shall pay such invoices within 30 calendar days of the date of the invoice. Invoices shall indicate, method used to determine production costs as described in paragraph 3b(1), facilities used to provide Valley District water, and cost for chemicals and power used. In the event Valley District objects to any costs identified on an invoice, Valley District shall pay the undisputed costs and shall invoke the dispute resolution process described in paragraph 10c below for the objectionable costs.

(b) *OMR Cost Invoices.* City shall invoice Valley District for OMR costs at least quarterly in arrears and Valley District shall pay such invoices within 30 calendar days of the date of the invoice. Invoices shall indicate, in reasonable detail, the information necessary to calculate costs as described in paragraph 3b(2). For expenses and work outside of what should normally be expected, City shall identify expenses and/or work performed and include date expense was made or work was performed, facilities involved, the individuals or company performing the service, hourly rate of such individuals or company, and costs of any materials or service using the methodology provided on Exhibit "C." In the event Valley District objects to any costs identified on an invoice, Valley District shall pay the undisputed costs and shall invoke the dispute resolution process described in paragraph 10c below for the objectionable costs.

c. *Water Quality Reporting.* The City shall provide Valley District with copies of all reports submitted to the Santa Ana Regional Quality Control Board.

d. *Future Actions.* The Parties understand and acknowledge that this Agreement is intended not only to serve as the basis for cooperative operations beginning in 2013, but is also intended to serve as the basis for long-term cooperation. The Parties agree they will consider amending this Agreement at appropriate times to reflect additional facilities and new opportunities to improve the conjunctive management of the SBBA and/or water supply reliability for the San Bernardino Valley.

4. *Water Level and Water Quality Monitoring.* The Parties shall cooperate in monitoring water levels and water quality to ensure that the terms of this Agreement do not have an adverse impact on water levels or water quality in the SBBA.

a. The Parties shall monitor water levels using the Basin Technical Advisory Committee annual Regional Water Management Plan and/or, independently, to ensure compliance with the water level requirements of the Seven Oaks Accord.

b. The Parties agree to monitor any water quality impacts to Total Dissolved Solids ("**TDS**") using data provided in the triennial report prepared for the Santa Ana Regional Water Quality Control Board pursuant to the Santa Ana Regional Water Quality Control Board Agreement.

5. *Impacts to Water Levels.* If it is determined by the Parties that the water level requirements in the Seven Oaks Accord are not being met, Valley District will take one of the following actions:

a. *Stop taking deliveries.* Valley District will cease to water through City facilities until water levels are in compliance with the requirements of the Seven Oaks Accord.

b. *Deliver Exchange Water to City.* To offset the pumping costs associated with lower water levels, Valley District will provide water to City, on a 1:1 basis ("**Exchange Water**"), for deliveries made to Valley District after water levels are determined to be out of compliance with the Seven Oaks Accord and up until the point water levels are determined to be in compliance with the Seven Oaks Accord.

(1) *Sources of Exchange Water.* Valley District may obtain such Exchange Water from the State Water Project, from the Santa Ana River, from Mill Creek, from sources outside the SBBA or from "new conservation" as that term is defined in the *Western* Judgment (*Western Municipal Water District et al. v. East San Bernardino County Water District et al.* (Riverside County Superior Court No. 78426, April 17, 1969). The selection of sources of Exchange Water shall be within the sole discretion of Valley District but water diverted from the Santa Ana River shall not

comprise more than 50% of the Exchange Water delivered to City during any three-year reporting period, as defined in paragraph 4a below.

(2) *Delivery of Exchange Water.* Valley District shall deliver Exchange Water to City as soon as feasible but no later than three calendar years after the calendar year in which City delivered water to Valley District. Valley District shall deliver Exchange Water to one or more of the following agreed upon locations:

(a) San Bernardino Valley Water Conservation District Mill Creek Spreading Grounds;

(b) San Bernardino Valley Water Conservation District Santa Ana River Spreading Grounds;

(c) Bear Valley Mutual Water Company Airport Spreading Grounds;

(d) City's San Bernardino Avenue Spreading Grounds (formerly Bear Valley Mutual Water Company Judson Ponds);

(e) Such other spreading grounds that directly benefit City's wells and other wells in the surrounding area, as the Parties may determine through mutual consent in the future.

Valley District shall calculate and document deliveries of Exchange Water to City at the above locations in a manner that both Parties agree to be reasonable, recognizing that several of the above locations are owned by non-parties to this Agreement.

In the event Valley District is unable to deliver Exchange Water to City within a three consecutive calendar year time period, Valley District shall increase the amount of Exchange Water delivered to City by 5% of the overdue balance for every calendar year beyond the three calendar years allowed until the Exchange Water is delivered. The Parties shall use a "first-in, first-out" accounting to track Exchange Water for multiple years.

(3) *In-Lieu Recharge.*

(a) In the event spreading of Exchange Water is not prudent: (i) due to high groundwater conditions in the pressure zone, (ii) because such spreading would have adverse impacts on groundwater contaminants, or (iii) because City determines it would be beneficial for City to take deliveries of Exchange Water at a water treatment plant in lieu of the spreading grounds identified in

paragraph 5b(2), City may take deliveries of up to 50% of Exchange Water at its Horace Hinckley Surface Water Treatment Plant or Henry Tate Surface Water Treatment Plant, at its sole discretion. Valley District shall deliver the remaining Exchange Water to such locations that Valley District, in its sole discretion, determines appropriate for sound management of the SBBA.

(b) If City chooses to take delivery of Exchange Water at the Henry Tate Surface Water Treatment Plant, City may receive up to 10% of the total Exchange Water delivered in a calendar year at Henry Tate Surface Water Treatment Plant at no cost to the City.

6. *Impacts to Water Quality.* If it is determined by the Parties that pumping by City for delivery to Valley District, under the terms of this Agreement, is the sole cause for the City violating one or more of its permits from the Santa Ana Regional Water Quality Control Board, Valley District will take one of the following actions:

a. *Stop taking deliveries.* Valley District will cease to water through City facilities until water levels are in compliance with the Seven Oaks Accord.

b. *Recharge high quality water.* Valley District will recharge lower TDS water in a mutually agreeable locations until TDS has returned to acceptable levels.

c. *Any combination.* Valley District may use one, or both, of the above, at its discretion, to reduce the TDS level until the TDS has returned to mutually agreed upon acceptable levels.

d. *Violation of Santa Ana Regional Water Quality Control Board TDS discharge limit on Redlands wastewater plant.* In the event the Santa Ana Regional Water Quality Control Board orders City to remedy an increase in the TDS limit for City's wastewater treatment plant that the Parties agree has been caused by conditions derived by the activities associated with this Agreement, Valley District shall take any or all of the actions identified in subparagraphs a-c above until water quality has returned to acceptable levels. Additionally, Valley District and City will work together to resolve the condition with the Santa Ana Regional Water Quality Control Board identify a solution to the condition, and fund an appropriate solution.

7. *Natural Disaster or Civil Unrest.* In the event that the Texas Grove Reservoir suffers from substantial damage due to natural disaster (e.g., earthquake, flooding or otherwise) or due to civil unrest (e.g., rioting, terrorist attack, or otherwise), neither Party shall be obliged to rebuild/reconstruct the Texas Grove Reservoir in its current configuration or to its current capacity. Instead, the Parties shall promptly meet and confer, determine a rebuilding plan/configuration that is reasonable and financially feasible under the

circumstances at the time, and then rebuild/reconstruct the Texas Grove Reservoir as quickly as practicable.

8. *Termination of Agreement.* Either Party may terminate this Agreement, with or without cause, by providing written notice of termination to the other Party at least one year prior to the conclusion of the then-current term of this Agreement. Valley District's purchase of storage rights at, or above, elevation 1338.9 feet MSL NGVD shall survive termination of this Agreement and, after termination, Valley District may use its storage rights by supplying water available to Valley District from any source. In the event that Valley District has not completed its delivery of Exchange Water to City as required by paragraph 5b above, that obligation shall survive any termination of this Agreement.

9. *Indemnification.* Each Party shall defend and indemnify the other Party and the other Party's elected officials, officers, employees, agents and authorized volunteers from and against all claims, demands, or liability for damages arising out of the Party's performance of the terms of this Agreement where such liability is caused or claimed or alleged to be caused by the willful misconduct, sole negligence or active negligence of the Party or any person or organization for whom or which the Party is legally liable.

   In particular, Valley District shall defend and indemnify City's elected officials, officers, employees, agents and authorized volunteers for any and all claims, demands or liability arising from: (i) Valley District or its contractors' construction of the Central Feeder; (ii) the movement of groundwater contaminants due to the spreading of Exchange Water by Valley District and increased pumping; or (iii) a reduction in static groundwater levels due to extraction of water by City for delivery to Valley District.

   The provisions of this Section 9 shall survive any termination of this Agreement.

10. *Administration of Agreement*

   a. *Workers' Compensation.* Each Party certifies that it is aware of the provisions of section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code and each Party shall comply with such provisions before commencing the performance of any work under this Agreement. Each Party and any contractors or subcontractors shall keep workers' compensation insurance for their employees in effect during all work covered by this Agreement. Upon request, each Party shall provide the other with the certificate required by Labor Code section 3700.

   b. *Books and Records.* Each Party shall have access to and the right to examine the other Party's pertinent books, documents, papers or other records (including, without limitation, records contained on electronic media) relating to the performance of that Party's obligations pursuant to this Agreement. The Parties

shall each retain all such books, documents, papers or other records to facilitate such review. Access to each Party's books and records shall be during normal business hours only. Nothing in this paragraph shall be construed to operate as a waiver of any applicable privileges.

c. *Disputes*. The Parties recognize there may be disputes regarding the obligations of the Parties or the interpretation of this Agreement. The Parties agree they may attempt to resolve disputes as follows:

(1) *Statement Describing Alleged Violation of Agreement.* A Party alleging a violation of this Agreement (the "**Initiating Party**") shall provide a written statement describing all facts it believes constitute a violation of this Agreement to the Party alleged to have violated the terms of this Agreement (the "**Responding Party**").

(2) *Response to Statement of Alleged Violation.* The Responding Party shall have sixty calendar days from the date of the written statement to prepare a written response to the allegation of a violation of this Agreement and serve that response on the Initiating Party or to cure the alleged violation to the reasonable satisfaction of the Initiating Party. The Initiating Party and the Responding Party shall then meet within thirty calendar days of the date of the response to attempt to resolve the dispute amicably.

(3) *Mediation of Dispute.* If the Initiating Party and the Responding Party cannot resolve the dispute within ninety calendar days of the date of the written response, they shall engage a mediator, experienced in water-related disputes, to attempt to resolve the dispute. Each Party shall ensure that it is represented at the mediation by an employee of such Party. These representatives of the Initiating Party and the Responding Party may consult with staff and/or technical consultants during the mediation and such staff and/or technical consultants may be present during the mediation. The costs of the mediator shall be borne by the unsuccessful Party.

(4) *Reservation of Rights.* Nothing in this paragraph 10c shall require a Party to comply with the dispute resolution process contained herein, and each Party retains and may exercise at any time all legal and equitable rights and remedies it may have to enforce the terms of this Agreement.

11. *CEQA Compliance.*

The Parties have determined that, because the activities contemplated under the terms of this Agreement involve the cooperative use of existing facilities within the capacity of those

facilities and within the limits established by existing regulations, the implementation of this Agreement is exempt from environmental review pursuant to Title 14, section 15301 of the Code of California Regulations. Within five business days of the Effective Date of this Agreement, the Parties will file a Notice of Exemption with the County Clerk for the County of San Bernardino, which Notice is attached hereto as Exhibit "D" and incorporated herein by reference.

12. *General Provisions.*

a. *Authority*. Each signatory of this Agreement represents that he is authorized to execute this Agreement on behalf of the Party for which he signs. Each Party represents that it has legal authority to enter into this Agreement and to perform all obligations under this Agreement.

b. *Amendment*. This Agreement may be amended or modified only by a written instrument executed by each of the Parties to this Agreement.

c. *Jurisdiction and Venue*. This Agreement shall be governed by and construed in accordance with the laws of the state of California, except for its conflicts of law rules. Any suit, action, or proceeding brought under the scope of this Agreement shall be brought and maintained to the extent allowed by law in the County of San Bernardino, California.

d. *Headings*. The paragraph headings used in this Agreement are intended for convenience only and shall not be used in interpreting this Agreement or in determining any of the rights or obligations of the Parties to this Agreement.

e. *Construction and Interpretation*. This Agreement has been arrived at through negotiations and each Party has had a full and fair opportunity to revise the terms of this Agreement. As a result, the normal rule of construction that any ambiguities are to be resolved against the drafting Party shall not apply in the construction or interpretation of this Agreement.

f. *Entire Agreement*. This Agreement constitutes the entire agreement of the Parties with respect to the subject matter of this Agreement and supersedes any prior oral or written agreement, understanding, or representation relating to the subject matter of this Agreement.

g. *Partial Invalidity*. If, after the Effective Date of this Agreement, any provision of this Agreement is held to be illegal, invalid, or unenforceable under present or future laws effective during the term of this Agreement, such provision shall be fully severable. However, in lieu thereof, there shall be added a provision as similar in terms to such illegal, invalid or unenforceable provision as may be possible and be legal, valid and enforceable.

h. *Successors and Assigns*. This Agreement shall be binding on and inure to the benefit of the successors and assigns of the respective Parties to this Agreement. No Party may assign its interests in or obligations under this Agreement without the written consent of the other Party, which consent shall not be unreasonably withheld or delayed.

i. *Waivers*. Waiver of any breach or default hereunder shall not constitute a continuing waiver or a waiver of any subsequent breach either of the same or of another provision of this Agreement and forbearance to enforce one or more of the remedies provided in this Agreement shall not be deemed to be a waiver of that remedy.

j. *Attorneys' Fees and Costs*. The prevailing Party in any litigation or other action to enforce or interpret this Agreement shall be entitled to reasonable attorneys' fees (including fees for use of in-house counsel by a Party), expert witnesses' fees, costs of suit, and other necessary disbursements in addition to any other relief deemed appropriate by a court of competent jurisdiction.

k. *Necessary Actions*. Each Party agrees to execute and deliver additional documents and instruments and to take any additional actions as may be reasonably required to carry out the purposes of this Agreement.

l. *Representations and Warranties.* Each representation and warranty contained herein or made pursuant hereto shall be deemed to be material and to have been relied upon and shall survive the execution, delivery and termination of this Agreement.

m. *Compliance with Law*. In performing their respective obligations under this Agreement, the Parties shall comply with and conform to all applicable laws, rules, regulations and ordinances.

n. *Third Party Beneficiaries*. This Agreement shall not create any right or interest in any non-Party or in any member of the public as a third party beneficiary.

o. *Counterparts*. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute but one and the same instrument.

p. *Notices*. All notices, requests, demands or other communications required or permitted under this Agreement shall be in writing unless provided otherwise in this Agreement and shall be deemed to have been duly given and received on: (i) the date of service if served personally or served by facsimile transmission on the Party to whom notice is to be given at the address(es) provided below, (ii) on the first day after mailing, if mailed by Federal Express, U.S. Express Mail, or other

similar overnight courier service, postage prepaid, and addressed as provided below, or (iii) on the third day after mailing if mailed to the Party to whom notice is to be given by first class mail, registered or certified, postage prepaid, addressed as follows:

CITY OF REDLANDS:

City of Redlands
35 Cajon Street
Redlands, CA 92373
(909) 798-7533
(909) 798-7535 (FAX)
Attn: Municipal Utilities and Engineering Director

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT:

San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, CA 92408
(909) 387-9211
(909) 387-9247 (FAX)
Attn: General Manager

A Party may change its address for the receipt of notices by providing the other Party with notice of the same pursuant to this paragraph 12p.

CITY OF REDLANDS

By: _____
Pete Aguilar, Mayor

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

By: _____
C. Patrick Milligan,
President, Board of Directors

ATTEST:

_____
Sam Irwin, City Clerk

Exhibit "A"
Facility Map

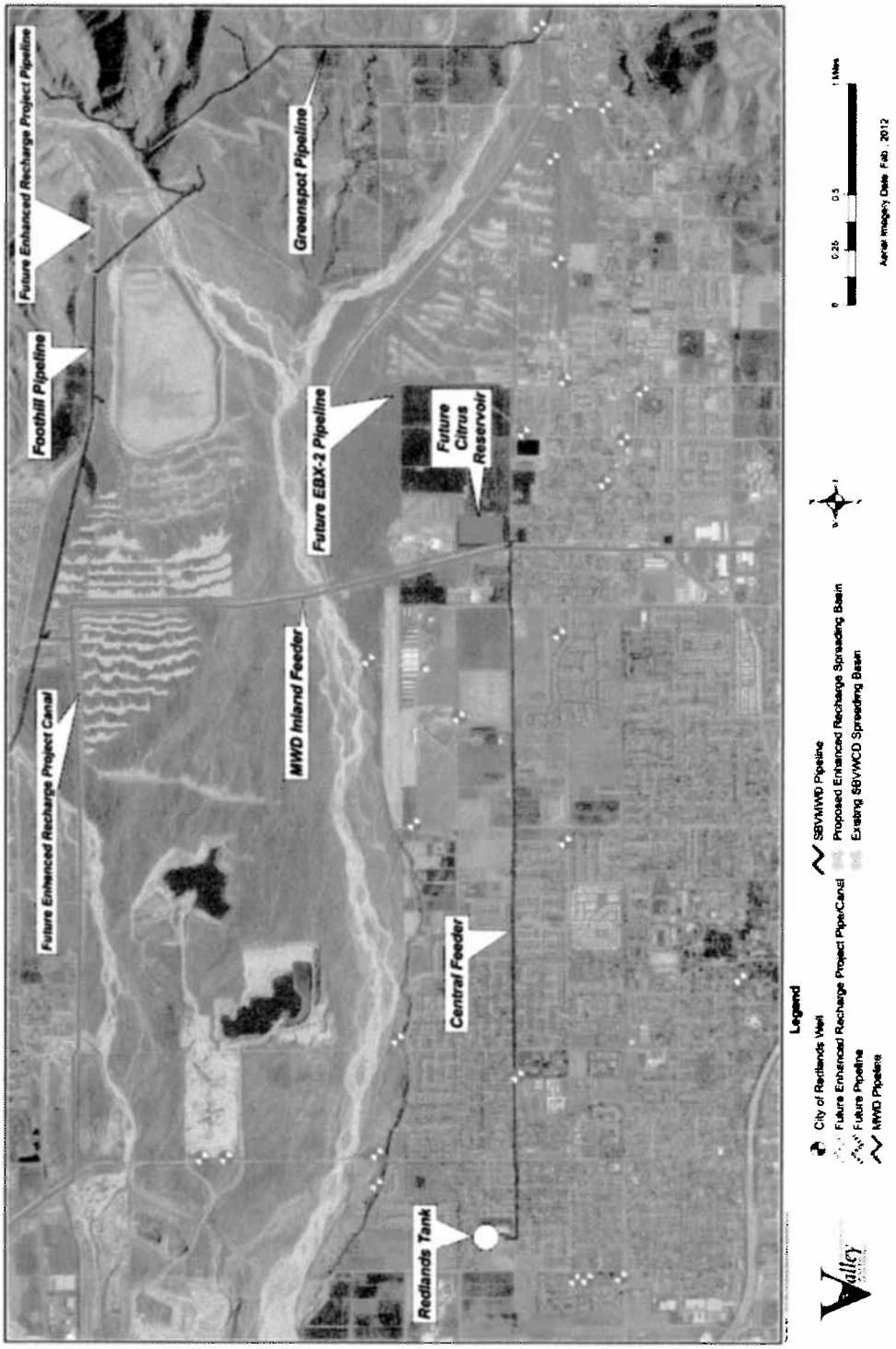


Exhibit "B"
Reimbursement Cost Calculations

CITY OF REDLANDS RESERVOIR #1 (TEXAS ST. RESERVOIR) CAPACITIES

AREA OF TANK

RADIUS	90.0 FT.	
PI	3.1416	
TOTAL AREA (AT) RAD*PI	25446.9 SQFT.	

HEIGHT OF WATER STORED IN TANK.

HIGH WATER SURFACE (H.W.S.)	1351.0 FT.	
BOTTOM OF TANK ELEVATION (TB)	1330.7 FT.	ELEVATION OF RING FOOTING
WATER HEIGHT (WC)	20.3 FT.	
VOLUME OF CONE (VC) VC=(PI*R^2*H)/3 R=90', H=1.0	8482.3 CUFT.	ACCOUNTS FOR VOLUME LOST DUE TO SLOPING TANK BOTTOM
MAX. WATER STORAGE CAPACITY ((AT*WC)-VC)	508853.2 CUFT.	
MAX. WATER STORAGE IN GALLONS	3806730.7 GAL.	7.481 GAL./CUFT.
MAX. USABLE STORAGE ((WC-1.0')*AT)	491888.6 CUFT	BOTTOM FOOT OF MAX. STORAGE IS NOT USABLE
MAX. USABLE STORAGE IN GALLONS (WSU)	3679818.5 GAL.	7.481 GAL./CUFT.

USABLE STORAGE FOR SBVMWD

H.W.S.	1351.0 FT.	
INVERT AT OUTLET OF STANDPIPE	1338.9 FT.	
MAXIMUM USABLE HEIGHT OF WATER (WU)	12.1 FT.	
SBVMWD USABLE STORAGE (AT*WU)	307907.5 CUFT.	
SBVMWD USABLE STORAGE IN GALLONS (WSV)	2303456.0 GAL.	7.481 GAL./CUFT.

COR USABLE STORAGE BELOW SBVWMD STORAGE

INVERT AT OUTLET OF STANDPIPE	1338.9 FT.	
HIGH POINT IN TANK = TB+1.0'	1331.7 FT.	
MAXIMUM USABLE HEIGHT OF WATER (WR)	7.2 FT.	
COR USABLE STORAGE (AT*WR)	183981.1 CUFT.	
COR USABLE STORAGE IN GALLONS (WSR)	1376362.5 GAL.	7.481 GAL./CUFT.

PERCENTAGE OF USABLE WATER STORAGE CALCULATED BY AGENCY

CITY OF REDLANDS	((WSR/WSU)*100%)	37.4%
SBVMWD	((WSV/WSU)*100%)	62.6%

Exhibit "C"

Operation Maintenance and Repair (OMR) shall be calculated as follows: total actual expenditures listed below (Expenditures), multiplied by the percent shown, divided by AF produced in City system multiplied by percent delivered to Valley District.

$$\frac{\text{Total Actual City Expenditures (\$)}}{\text{Total Production (acre-ft)}} \times (\text{\% Sold to Valley District}) = \$\_\_/AF$$

where,

Total Actual City Expenditures = 50% (4000* Salaries) + (4010 Overtime Salaries) + (4012 Stand By) + (5317 Service for Function Facility) + (5590 Street Repair) + 50% (5710_Special Contractual Services)

*Codes are from the City of Redlands Water Fund 501403

Exhibit "D"
Draft Notice of Exemption

Notice of Exemption

To: County Clerk
County of San Bernardino
222 W. Hospitality Lane
San Bernardino, CA 92415-0022

From:
San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, CA 92408

City of Redlands
35 Cajon Street
Redlands, CA 92373

Project Title: Agreement for Use of Water Facilities

Project Location - Specific: City of Redlands – Texas Grove Reservoir

Project Location - City: Redlands **Project Location - County:** San Bernardino

Description of Nature, Purpose and Beneficiaries of Project: The Project is an agreement between the San Bernardino Valley Municipal Water District ("Valley District") and the City of Redlands ("City") (collectively, the "Parties") providing for the cooperative use of existing water storage facilities and well capacity. Under the agreement, Valley District will purchase 2.3 million gallons of capacity in the City's existing Texas Grove Reservoir which is connected to Valley District's Redlands Pump Station that delivers water to Valley Districts Central Feeder Pipeline. Valley District will have an annual option of purchasing up to 20,000 acre-feet of existing well capacity to the extent such capacity is not needed by the City in any given year. The purpose of the Project is to postpone the need for Valley District to construct new water facilities in the area. The project involves the operation of existing facilities within existing limits established by applicable laws, regulations, agreements, and permits.

Name of Public Agency Approving Project: San Bernardino Valley Municipal Water District and City of Redlands

Name of Person or Agency Carrying Out Project: San Bernardino Valley Municipal Water District, City of Redlands

Exempt Status: *(check one)*

- ☐ Ministerial (Sec. 21080(b)(1); 15268);
- ☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
- ☐ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- ☒ Categorical Exemption. State type and section number: Sec. 15301, 15303
- ☐ Statutory Exemptions. State code number:

Reasons why project is exempt: The Project is categorically exempt under section 15301 of the CEQA Guidelines because it involves the operation of existing facilities within existing limits established by applicable laws, regulations, agreements, and permits. Valley District will make use of existing storage and well capacity not needed by the City, thus there will be no expansion of those facilities. The connection between the Reservoir and existing pipelines is categorically exempt under section 15301 as an addition to existing structures, and alternatively is categorically exempt under section 15303 as an extension of an existing pipeline of the length necessary to serve the Reservoir.

Lead Agency
Contact Person: Doug Headrick, General Manager **Area Code/Telephone/Extension:** (909) 387-9226

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: Date: Title: General Manager

☒ Signed by Lead Agency Date received for filing at OPR:

☐ Signed by Applicant

1298299.1

THIRD AMENDMENT TO THE
AGREEMENT FOR THE COOPERATIVE USE OF UNUSED WELL CAPACITY,
THE TEXAS GROVE RESERVOIR AND THE CENTRAL FEEDER

THIS THIRD AMENDMENT TO THE AGREEMENT FOR THE COOPERATIVE USE OF UNUSED WELL CAPACITY, THE TEXAS GROVE RESERVOIR AND THE CENTAL FEEDER ("***Third Amendment***") is entered into and effective as of June 7, 2022 ("***Third Amendment Effective Date***"), by and between the City of Redlands ("***City***") and San Bernardino Valley Municipal Water District ("***Valley District***"). City and Valley District are sometimes referred to herein individually as "***Party***" and collectively as "***Parties***".

RECITALS

A. Valley District owns a well located generally on the north side of San Bernardino Avenue, between Wabash Avenue and Dearborn Avenue, in the City of Redlands, and more particularly on Assessor's Parcel No. 0168-091-08-0000, commonly known as the San Bernardino Avenue Well ("***Well***").

B. City and Valley District are parties to that certain Agreement for the Cooperative Use of Unused Well Capacity, the Texas Grove Reservoir and the Central Feeder, dated April 2, 2013 ("***Original Agreement***"), as amended by that certain Amendment No. 1 to the Agreement for the Cooperative Use of Unused Well Capacity, the Texas Grove Reservoir and the Central Feeder, dated October 6, 2015 ("***First Amendment***"), and by that certain Second Amendment to the Agreement for the Cooperative Use of Unused Well Capacity, the Texas Grove Reservoir and the Central Feeder ("***Second Amendment***" and, together with the Original Agreement and the First Amendment, "***Agreement***"), which provides, *inter alia*, for City's use of the Well under certain terms and conditions.

C. Section 2.C. of the Second Amendment provides that City may make modifications to the Well only upon the written consent of Valley District.

D. The Parties now desire to provide for the City's modification and rehabilitation of the Well to improve its production rate, evaluate and optimize production, rebuild and improve the well pedestal, and reconfigure and replace the wellhead piping, all upon the terms and conditions set forth in this Third Amendment.

OPERATIVE PROVISIONS

1. *Modification and Rehabilitation of Well*.

   a. Valley District hereby consents to City's modification and rehabilitation of the Well materially as set forth in the proposal attached as ***Exhibit "A"*** hereto and incorporated herein by this reference ("***Project***").

   b. City shall commence work on the Project within six (6) months after the Third Amendment Effective Date and shall thereafter diligently prosecute the Project to completion.

c. Valley District hereby consents to City and City's contractor's access to the Well site for construction of the Project via existing ingress and egress, as provided in the Agreement; provided, however, City shall ensure that Valley District's reasonable access to the Well remains available at all times.

d. City shall be solely responsible for all design, environmental compliance, right-of-way acquisitions, permits, and construction of the Project.

e. City shall ensure that all work on the Project is performed by a qualified, properly licensed contractor in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations.

f. City shall not issue any change orders or other modifications of the Project without the prior written consent of Valley District, which consent shall not be unreasonably delayed, conditioned, or withheld.

g. Upon completion of the Project, City shall restore the Well property to substantially the condition existing immediately prior to commencement of work on the Project.

h. Prior to commencement of work on the Project, City shall furnish, or shall ensure its contractor furnishes, payment and performance bonds, each in a penal sum at least equal to the contract price for the Project, as security for the faithful performance and payment of all obligations in connection with the Project. Each bond shall name Valley District as an additional obligee and shall be executed by an admitted surety insurer, as defined in Code of Civil Procedure section 995.120.

i. Prior to commencement of work on the Project, at all times during the performance of work on the Project, and for a period of one (1) year thereafter, City's contractor shall, at its own expense, maintain the following minimum levels of insurance coverage: (a) workers' compensation as required by law; (b) employers' liability insurance with a limit of liability not less than $1,000,000 per occurrence; (c) commercial general liability insurance with a combined single limit of liability not less than $1,000,000 per occurrence; (d) automobile liability insurance for owned, non-owned, leased, and hired vehicles, with a combined single limit of liability not less than $1,000,000 per accident; and (e) all-risk installation floater insurance, including builder's risk/course of construction coverage, for the full value of the Project. All insurance policies required pursuant to this Third Amendment shall: (1) for commercial general liability policies, include an additional insured endorsement at least as broad as ISO CG 20 10 10 01 naming as additional insureds "San Bernardino Valley Municipal Water District and its directors, officers, employees, representatives, agents, affiliates, subsidiaries, predecessors, successors, and assigns"; (2) be on an "occurrence" basis, not a claims-made basis; (3) contain an aggregate limit not less than the occurrence limit; (4) be primary and non-contributory with any insurance carried by or available to Valley District; (5) waive all rights of subrogation and contribution against Valley District and its insurers; (6) provide that coverage shall not be revised, cancelled, or reduced without at least thirty (30) days prior written notice to Valley District; and (7) be

issued by insurance companies which are qualified to do business in the State of California and which have a current rating of A-VII or better in Best's Insurance Report. City's contractor shall provide to Valley District endorsements and certificates reasonably acceptable to Valley District evidencing the specified insurance coverage promptly upon request.

j. Except as may be provided by separate agreement of the Parties, Valley District shall be the sole owner of the Well and all modifications constructed pursuant to this Third Amendment. City shall acquire no ownership right, title, security interest, or other interest in the Project facilities as a result of this Third Amendment.

2. *Cost Sharing*.

a. The total estimated contract price for the Project ("***Project Cost***") shall be as set forth in Exhibit "A" plus a contingency of ten percent (10%) due to current material and supply shortages and unknown downhole conditions of the Well; provided, however, that the Project Cost shall not exceed Three Hundred Fourteen Thousand Dollars ($314,000) unless approved in advance in writing by both Parties.

b. All costs and expenses reasonably incurred by City in the construction of the Project shall be shared equally by City and Valley District, as follows:

(1) City shall pay when due the Project cost arising out of or related to the Project, subject to retention provisions as permitted by law.

(2) City shall invoice Valley District each month for Valley District's *50%* portion of Project Cost paid during the preceding month. Valley District shall pay all undisputed invoices within thirty (30) days after receipt, subject to retentions equal to the amounts provided under City's agreement with City's contractor.

c. City shall keep and maintain accurate accounting records of all costs incurred in connection with the Project. Accounting records for the Project shall utilize generally accepted accounting practices and be consistent with the terms of this Third Amendment. City's Project accounting records shall clearly distinguish and separate all Project costs from City's other operation, maintenance, repair, replacement, or other costs in connection with the Well.

3. *Indemnification*. To the maximum extent permitted by law, City shall indemnify, defend, and hold harmless Valley District and its directors, officers, employees, agents, and representatives from and against any and all claims, losses, damages, liabilities, fines, penalties, costs and expenses (including all legal costs such as reasonable attorneys' fees, expert costs, court costs, and settlement expenses) (collectively, "***Claims***") arising out of or related to the Project; provided, however, that City's indemnification obligations under this Section 3 shall not apply to the extent any Claims are caused by the negligence or willful misconduct of Valley District. City shall include language materially similar to this

Section 3 in favor of Valley District in any agreement with its contractor. The obligations of this Section 3 shall survive any termination of the Agreement.

4. *CEQA Compliance*. City shall be responsible for obtaining or conducting any and all California Environmental Quality Act (Pub. Resources Code § 21000 *et seq*.) analysis, board actions, regulatory approvals, and filings associated with its activities carried out under the terms of this Third Amendment.

5. *General Provisions*.

   a. *Incorporation of Recitals*. Each and every one of the Recitals set forth above is a material part of this Third Amendment and is hereby incorporated by reference into and made part of this Third Amendment by this reference.

   b. *Authority*. Each signatory of this Third Amendment represents that he or she is authorized to execute this Third Amendment on behalf of the Party for which he or she signs. Each Party represents that it has legal authority to enter into this Third Amendment and to perform all obligations under this Third Amendment.

   c. *Further Amendment*. This Third Amendment may be amended or modified only by a written instrument executed by each of the Parties to this Third Amendment.

   d. *Jurisdiction and Venue*. This Third Amendment shall be governed by and construed in accordance with the laws of the state of California, except for its conflicts of law rules. Any suit, action, or proceeding brought under the scope of this Third Amendment shall be brought and maintained to the extent allowed by law in the County of San Bernardino, California.

   e. *Headings*. The paragraph headings used in this Third Amendment are intended for convenience only and shall not be used in interpreting this Third Amendment or in determining any of the rights or obligations of the Parties to this Third Amendment.

   f. *Construction and Interpretation*. This Third Amendment has been arrived at through negotiations and each Party has had a full and fair opportunity to revise the terms of this Third Amendment. As a result, the normal rule of construction that any ambiguities are to be resolved against the drafting Party shall not apply in the construction or interpretation of this Third Amendment.

   g. *Entire Agreement*. This Third Amendment constitutes the entire agreement of the Parties with respect to the subject matter of this Third Amendment and supersedes any prior oral or written agreement, understanding, or representation relating to the subject matter of this Third Amendment.

   h. *Partial Invalidity*. If, after the Effective Date of this Third Amendment, any provision of this Third Amendment is held to be illegal, invalid, or unenforceable under present or future laws effective during the term of this Third Amendment, such provision shall be fully severable. However, in lieu thereof, there shall be

added a provision as similar in terms to such illegal, invalid or unenforceable provision as may be possible and be legal, valid and enforceable.

i. *Successors and Assigns*. This Third Amendment shall be binding on and inure to the benefit of the successors and assigns of the respective Parties to this Third Amendment. No Party may assign its interests in or obligations under this Third Amendment without the written consent of the other Party, which consent shall not be unreasonably withheld or delayed.

j. *Waivers*. Waiver of any breach or default hereunder shall not constitute a continuing waiver or a waiver of any subsequent breach either of the same or of another provision of this Third Amendment and forbearance to enforce one or more of the remedies provided in this Third Amendment shall not be deemed to be a waiver of that remedy.

k. *Attorneys' Fees and Costs*. The prevailing Party in any litigation or other action to enforce or interpret this Third Amendment shall be entitled to reasonable attorneys' fees (including fees for use of in-house counsel by a Party), expert witnesses' fees, costs of suit, and other necessary disbursements in addition to any other relief deemed appropriate by a court of competent jurisdiction.

l. *Necessary Actions*. Each Party agrees to execute and deliver additional documents and instruments and to take any additional actions as may be reasonably required to carry out the purposes of this Third Amendment.

m. *Representations and Warranties*. Each representation and warranty contained herein or made pursuant hereto shall be deemed to be material and to have been relied upon and shall survive the execution, delivery and termination of this Third Amendment.

n. *Compliance with Law*. In performing their respective obligations under this Third Amendment, the Parties shall comply with and conform to all applicable laws, rules, regulations, and ordinances.

o. *Third Party Beneficiaries*. This Third Amendment shall not create any right or interest in any non-Party or in any member of the public as a third party beneficiary.

p. *Counterparts*. This Third Amendment may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute but one and the same instrument.

[*Signature Page Follows*]

IN WITNESS WHEREOF, the Parties have duly executed this Third Amendment as of the Third Amendment Effective Date.

CITY OF REDLANDS,
a California municipality

By: _____
Paul T. Barich,
Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT,
a California municipal water district

By: _____
Heather P. Dyer
CEO/General Manager

EXHIBIT “A”

SAN BERNARDINO AVENUE WELL MODIFICATIONS PROPOSAL

BID SCHEDULE
SB Muni Well & Equipment Rehabilitation

TASK 3.4

Item No.	Item Description	Unit	Total Units	Cost Per Unit	Total Cost
1	**Mobilize:** All equipment and crews needed to complete proposed work. (Maximum 5% of total bid).	Lump Sum			$ 9,000
2	**Remove Pumping Equipment:** Remove 505' of Oil-lube turbine pump equipment consisting of 12" x 4" x 2-7/16" column tube and shaft.	Lump Sum			$ 20,800
3	**Tear Down and Inspect:** Tear down and inspect pumping equipment for damages. Provide a detailed report of damages and recommendations for repair.	Lump Sum			$ 1,500
4	**Video Log Well:** Video log well after pumping equipment has been removed. Provide detailed report, recommendations for rehabilitation and 2 DVD copies to the City.	Lump Sum			$ 1,100
5	**Demo and Install New Pump Base:** Existing concrete pump base is 78 "x 78" x 6". New pump base shall utilize AWWA Standard A100-06 and extend no less than 24" above final ground level elevation.	Lump Sum			$ 14,000
6	**Raise Discharge Piping:** Raise 12" discharge piping 10" to meet new pump head height. Provide a Victaulic fitting for flex at pump discharge.	Lump Sum			$ 1,500
***The below proposed work may differ from the bid schedule depending on findings in the inspection report. Some items in the bid schedule will not be necessary and all items shall be bid as a worst case scenario.**					
7	**Wire Brush and Bail:** Brush and bail well to bottom of 18" casing x 590'. Brush type will be decided based on well conditions and recommendations. All removed bailing materials must be disposed of offsite. Note: Estimate 40 hours of down hole work. City will consult with the contractor to determine and finalize hours based on well condition.	Hours	40	$ 350	$ 14,000
8	**Video Log Well:** Video log well post brush and bail. Provide 2 DVD copies to the City.	Lump Sum			$ 1,100
9	***Rebuild Tube and Shaft Assembly:** Rebuild 505' of 4" x 2-7/16" tube and shaft assembly with all new bearing, couplings and any other needed hardware. Rebuilt tube end sections shall consist of machining faces of all tube ends parallel and concentric.	Linear foot	505'	$ 26	$ 13,130
10	***Furnish and Install New Tubing and shaft assembly:** Furnish and install entire tube and shaft assembly consisting of 505' of 4" x 2-7/16" steel tubing and shaft.	Linear foot	505'	$ 38	$ 19,190
11	***Furnish and install New Column Pipe:** Furnish and Install 505" of 12" schedule 40 steel column pipe. Include all necessary couplings.	Linear foot	505'	$ 100	$ 50,500
12	**Rebuild Stretch Brass Assembly:** Rebuild stretch brass.	Lump Sum			$ 800
13	**Rebuild Layne & Bowler Head:** Sand blast and epoxy coat pump head. Rebuild Layne & Bowler pump head assembly with 416SS head shaft and all necessary hardware for installation of pumping equipment and motor. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 4,000
14	***Rebuild Bowl Assembly:** Rebuild 6 stage Layne & Bowler 16KHM bowl assembly. Replace all necessary materials including brass bushings, wear rings and 416SS shafting. All rebuild materials shall meet NSF/ANSI 61 standards	Lump Sum			$ 7,000

15	***Furnish And Install New Bowl Assembly:** Supply new Goulds pump bowl assembly or City approved equal capable of meeting pumping conditions of 2650 GPM @ 480' TDH Pump bowl assembly shall meet NSF/ANSI 61 drinking water standard Write in - manufacture name, pump model number and number of stages: **14RHHC-6**	Lump Sum			$ 9,800
16	**Furnish and Install New Airline:** Furnish and install 505' of continuous 1/4" stainless steel airline with direct read gauge airline to be banded every 20' with stainless steel bands.	Lump Sum			$ 1,700
17	**Install Oil lube Turbine Pumping Equipment:** Install 505' of oil lube turbine pumping equipment. Restore well site to pre-rehabilitation condition. Provide all necessary gaskets and needed hardware.	Lump Sum			$ 21,000
18	**Perform Start Up Wire Motor Test Rotation:** Perform start up, wire motor, test rotation.	Lump Sum			$ 1,500
19	**Pump Performance Testing:** Perform pump performance testing and provide detailed report to city. Provide all associated install information, pump curve, NSF certification, installation sheet, drawings, work logs and test reports. Test reports to include AMP/voltage, Rossum sand test, Motor temp & vibration, flow & pressure, static, pumping and drawdown water levels.	Lump Sum			$ 500
20	**Provide as built drawing:** Provide as built of pumping equipment	Lump Sum			$ 100
21	**Demobilize:** All equipment and crews used to complete proposed work.	Lump Sum			$ 200
				BID SCHEDULE TOTAL PRICE	$ 192,420.00

Last Minute Additions/Deductions* N/A Bid Item No. N/A

Last Minute Additions/Deductions* N/A Bid Item No. N/A

BID SCHEDULE TOTAL PRICE: $ 192,420.00

BID SCHEDULE TOTAL PRICE WRITTEN IN WORDS:

One hundred ninety-two thousand four hundred twenty

GENERAL PUMP COMPANY

159 N. ACACIA STREET * SAN DIMAS, CA 91773
PHONE: (909) 599-9606 * FAX: (909) 599-6238

CAMARILLO, CA 93010 * PHONE: (805) 482-1215
www.genpump.com

WELL & PUMP SERVICE SINCE 1952 Lic. #496765
Serving Southern California and Central Coast

May 9, 2022 ***Via Email***

City of Redlands
35 Cajon Street
Redlands, California 92373
Attn: Paul Mariscal

Subject: Muni Well (Expanded Scope)

General Pump Company performed a job walk with City personnel to review the site layout and discuss an expanded scope of work outside of the line items found on task 3.4.

The main items under the expanded scope focused mainly on replacing and resizing the main transition discharge piping from the discharge head flange to the existing 14" butterfly valve. The new piping will be 12" steel, without coatings, 150# SOW flanges, with nut bolt, and gasket kits. Additional materials and labor to incorporate the additional pipe liner that runs to the west of the well that will be raised due to the current height of the well pedestal. The following is a takeoff of materials proposed, along with field labor.

Cost

Materials

- 400 HP USEM VHS Motor
- 12" flanged McCrometer FxF 4-20MA totalizer 100 cf
- Steel weld on flanges (6)
- 12" Stnd Blk A53B Pipe w/BxB end
- 12" 150# RF weld Neuc Flange
- 16" 150# RF s/o flange
- 16"x12" Stnd, CR
- 12" 150# Flanged swing check
- Pipe stands (2)
- Ultra-Sonic Level Transducer
- 2x4-6 THREDOLET (3)
- 1" Corp stop (2)
- 1" THREDOLET (6)
- 1 ½" THREDOLET (2)
- 1x3 3M THREDOLET (5)
- 12" Smith Blair flex coupling
- 12 NB&K (5)
- Spool section for waste line
- Sample station
- 10" NB&6 set

Total Materials, Includes Freight and Sales Tax $76,778.59

Shop Labor

- Load equipment, piping valves
- Cutting supplies, welding materials

Feld Labor

- Mobilize to site, conduct brief tailgate safety meeting
- Rig up crane, remove all shade structures
  And store safely on site
- Remove existing piping, valves, spools that will be replaced
- Unload new materials
- Demobilize

Rotary Crane and 1 Man Crew @ $265/Hr.
Service Truck, Pump Mechanic and Helper @ $303/Hr.

Est. 10 Hrs. @ $573/Hr.	5,730.00	
Est. OT 2 Hr. @ $168/Hr.	336.00	

Cont.

- Mob to site, conduct brief safety meeting
- Fabricate spools with new piping, flanges
- Install all new spools, motor, check valve
- Bolt up & align to new discharge center line
- Fabricate new pipe stands

Service Truck with Welder and 1 Man Crew

Est. 40 Hrs. @ $185/Hr.	7,400.00	
Est. OT 8 Hrs. @ $60/Hr.	480.00	13,946.00

Outside Service

- Program existing VFD panel for 400 HP motor 1,620.00

Additional Labor and Materials Total $93,104.59

If you have any questions or need additional information regarding the above, please do not hesitate to contact us. Thank you.

GENERAL PUMP COMPANY, INC.

Tom Nanchy
Tom Nanchy
Sr. Project Manager/ Project Engineer

"A City That Works"

City Council/Successor Agency Meeting **I. 15.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Adopt Resolution No. 8344 to rescind Resolution No. 8223 and adopt the amended FY 21/22 - FY 25/26 Five Year Measure I Capital Improvement Program and determine the project is exempt under Sections 15273(a)(4) and 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If City Council determines the staff recommendation is appropriate, the following motion is provided:

I move to adopt Resolution No. 8344.

RECOMMENDATION:

Staff recommends that the City Council determine that adoption of Resolution No. 8344 is exempt under Sections 15273(a)(4) and 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act, and adopt Resolution No. 8344.

DISCUSSION:

In November 1989, San Bernardino County voters approved passage of Measure I, which imposes a one-half of one percent retail transactions and use tax. At the time of approval, Measure I tax was scheduled to be in place through 2010. San Bernardino County voters approved renewal of the Measure I tax in November 2004 for a period of thirty (30) additional years through 2040.

Each jurisdiction receiving Measure I revenues must adopt an annual Five-Year Capital Improvement Plan (CIP) listing the projects that will be funded or partially funded through Measure I. Streets identified for improvement in the Five-Year CIP are determined through the City's Pavement Management Program (PMP), which was adopted by City Council in April 2020.

On July 6, 2021 City Council adopted the FY 21/22 - FY 25/26 Five Year CIP with Resolution No. 8223. The City has since received a revised five-year Measure I estimate which increases the FY 21/22 revenue from $1,429,595 to $1,801,168. This revenue, along with $462,132 from the City's Measure I carryover fund, will be used to supplement the PMP 2021 Street Resurfacing Project. Resolution No. 8344 adopts the amended FY 21/22 - FY 25/26 Five Year CIP to accurately reflect the use of $2,263,300 from Measure I funds.

Adoption of Resolution No. 8344 is exempt from environmental review in accordance with Sections (i) 15273(a)(4), as CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, and other charges by public agencies which the public agency finds are for the purpose of obtaining funds for capital projects, necessary to maintain service within existing service areas; and (ii) 15061(b)(3), as it can be seen with certainty by this City Council that the approval of this Resolution establishing a Five-Year Capital Improvement Plan will have no physical effect on the environment.

ALTERNATIVES:

City Council may choose not to approve Resolution No. 8344. This is not recommended as the City will not be able to use its share of Measure I funding.

STRATEGIC PLAN:

Priority D - Strategic Objective 3. Infrastructure: Engineer and construct transportation facilities to accommodate all potential users – motorists, cyclists and pedestrians

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan, Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Goutam K. Dobey, Engineering Manager

PREPARED BY:
Gerard Nepomuceno, Civil Engineer

Fiscal Impact

Discussion:

The estimated Measure I revenue throughout the Five-Year CIP horizon is $9,154,363. Measure I revenues average approximately $1.8 million each year.

Attachments

A. Resolution No. 8344

B. Resolution No. 8223

RESOLUTION NO. 8344

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS ADOPTING THE MEASURE I FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR FISCAL YEAR 2021/2022 THROUGH 2025/2026 AND RESCINDING RESOLUTION NO. 8223

WHEREAS, San Bernardino County voters approved passage of Measure I in November 2004, authorizing the San Bernardino County Transportation Authority ("SBCTA") to impose a one-half of one percent retail transactions and use tax applicable in the incorporated and unincorporated territory of the county of San Bernardino; and

WHEREAS, revenue from the tax can only be used for transportation improvement and traffic management programs authorized in the Expenditure Plans set forth in Ordinance No. 04-1 of the SBCTA; and

WHEREAS, the Strategic Plan requires each local jurisdiction applying for revenue from the Local Street Program of the SBCTA to annually adopt and update a Five-Year Capital Improvement Plan; and

WHEREAS, California Public Utilities Code 190300 and SBCTA's Ordinance No. 04-1 require each local jurisdiction to maintain General Fund expenditures for transportation-related construction and maintenance activities at the required Maintenance of Effort base year level in each fiscal year of the adopted Five-Year Capital Improvement Plan, which for the City of Redlands is eight hundred forty five thousand eight hundred sixty six dollars ($845,866);

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Redlands as follows:

Section 1. This City Council determines that approval of this Resolution is exempt from review under California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines sections, (i) 15273(a)(4), as CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, and other charges by public agencies which the public agency finds are for the purpose of obtaining funds for capital projects, necessary to maintain service within existing service areas; and (ii) 15061(b)(3), as it can be seen with certainty by this City Council that the approval of this Resolution establishing a Five-Year Capital Improvement Plan will have no physical effect on the environment.

Section 2. That the Measure I Five-Year Capital Improvement Plan, attached to this Resolution as Exhibit "A," is hereby adopted.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Jeanne Donaldson, City Clerk

EXHIBIT “A”

MEASURE I FIVE-YEAR CAPITAL IMPROVEMENT PLAN

CITY OF REDLANDS

MEASURE I CAPITAL IMPROVEMENT PLAN

EXPENDITURE STRATEGY
Fiscal Year 2021/2022 to 2025/2026

The City of Redlands intends to use Measure I dollars to partially fund the City's City Council-approved Pavement Management Program (PMP). The City's Pavement Management Program, which provides a decision making matrix in identifying streets that are priority paving projects, will be used to determine future Measure I Capital Improvement Plans.

Measure I Local Pass-through Program
REVISED REVENUE ESTIMATES FOR FY2021/2022 thru FY2026/2027
Valley Subarea

VALLEY SUBAREA	Population Distribution Percentage	Estimated Annual Local Pass-Through Amount						Total FY22/23 through FY26/27
		REV FY21/22	FY22/23	F23/24	FY24/25	FY25/26	FY26/27	
Chino	5.59%	$ 2,232,260	$ 2,262,498	$ 2,277,114	$ 2,277,174	$ 2,296,322	$ 2,317,473	$ 11,430,580
Chino Hills	5.24%	$ 2,092,453	$ 2,120,797	$ 2,134,497	$ 2,134,554	$ 2,152,502	$ 2,172,329	$ 10,714,678
Colton	3.44%	$ 1,371,950	$ 1,390,534	$ 1,399,517	$ 1,399,554	$ 1,411,322	$ 1,424,322	$ 7,025,249
Fontana	13.57%	$ 5,415,706	$ 5,489,066	$ 5,524,526	$ 5,524,673	$ 5,571,127	$ 5,622,442	$ 27,731,835
Grand Terrace	0.79%	$ 313,864	$ 318,116	$ 320,171	$ 320,179	$ 322,871	$ 325,845	$ 1,607,182
Highland	3.49%	$ 1,393,770	$ 1,412,650	$ 1,421,776	$ 1,421,814	$ 1,433,769	$ 1,446,975	$ 7,136,984
Loma Linda	1.58%	$ 630,184	$ 638,720	$ 642,846	$ 642,863	$ 648,269	$ 654,240	$ 3,226,938
Montclair	2.51%	$ 1,002,370	$ 1,015,948	$ 1,022,511	$ 1,022,539	$ 1,031,137	$ 1,040,634	$ 5,132,769
Ontario	11.54%	$ 4,607,188	$ 4,669,596	$ 4,699,762	$ 4,699,887	$ 4,739,406	$ 4,783,060	$ 23,591,710
Rancho Cucamonga	11.10%	$ 4,433,207	$ 4,493,258	$ 4,522,285	$ 4,522,405	$ 4,560,432	$ 4,602,438	$ 22,700,818
Redlands	4.51%	$ 1,801,168	$ 1,825,567	$ 1,837,360	$ 1,837,409	$ 1,852,859	$ 1,869,925	$ 9,223,119
Rialto	6.50%	$ 2,596,346	$ 2,631,516	$ 2,648,516	$ 2,648,586	$ 2,670,857	$ 2,695,458	$ 13,294,933
San Bernardino	13.71%	$ 5,475,117	$ 5,549,282	$ 5,585,131	$ 5,585,280	$ 5,632,243	$ 5,684,121	$ 28,036,057
Upland	4.98%	$ 1,987,452	$ 2,014,373	$ 2,027,386	$ 2,027,440	$ 2,044,488	$ 2,063,319	$ 10,177,007
Yucaipa	3.53%	$ 1,408,300	$ 1,427,377	$ 1,436,598	$ 1,436,636	$ 1,448,716	$ 1,462,060	$ 7,211,387
County/Valley	7.92%	$ 3,161,474	$ 3,204,298	$ 3,224,999	$ 3,225,084	$ 3,252,202	$ 3,282,158	$ 16,188,742
Total Valley Region	**100.00%**	**$ 39,922,810**	**$ 40,463,595**	**$ 40,724,997**	**$ 40,726,078**	**$ 41,068,521**	**$ 41,446,799**	**$ 204,429,989**

Resolution Number: 8344
Resolution Approval Date: 6/7/2022
Contact Person/Title: Gerard Nepomuceno
Phone: 9097987584 x4
Email: gnepomuceno@cityofredlands.org

Measure I Local Pass-through Program

FIVE YEAR CAPITAL IMPROVEMENT PLAN

Fiscal Years 2021/2022 thru 2025/2026

Jurisdiction:

Redlands

6/30/21 Carryover Balance: **$462,132.00**

Projects:	Is Project in City's Non-motorized Transportation Plan? (Yes/No)	Does Project have an ATP Component? (Yes/No)	Is the Project on the City's Nexus Study List? (Public/DIF Share %)		Estimated Total Project Cost	FY2021/22 Est. Revenue	FY2022/23 Est. Revenue	FY2023/24 Est. Revenue	FY2024/25 Est. Revenue	FY2025/26 Est. Revenue	Total Est. Rev.
						$1,801,168	**$1,825,567**	**$1,837,360**	**$1,837,409**	**$1,852,859**	**$9,154,363**
						Current Estimate	Current Estimate	Current Estimate	Current Estimate	Current Estimate	**Total**
PMP Street Resurfacing Project	No	No	0.0%	100.0%	$9,616,495	$2,263,300	$1,825,567	$1,837,360	$1,837,409	$1,852,859	**$9,616,495**
				Projects Total:		$2,263,300	$1,825,567	$1,837,360	$1,837,409	$1,852,859	**$9,616,495**

(Must not exceed 150% of Carryover Balance + Total Estimated Revenue)

Total Programming is currently **100%**

Total Estimated Programming: **$9,616,495**

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2021-2022		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2021 Street Resurfacing Project	$ 2,263,300.00			$ 462,132.00	$ 1,801,168.00	$2,263,300.00
						$0.00
						$0.00
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						$0.00
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Named Projects Total:	**$ 2,263,300.00**			$ 462,132.00	$ 1,801,168.00	$2,263,300.00
Total Carryover + Estimate:	$ 2,263,300.00				$2,263,300.00	$2,263,300.00
(%) Named Projects:					80%	

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2022-2023		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2022 Street Resurfacing Project	$ 1,825,567.00				$ 1,825,567.00	$1,825,567.00
						$0.00
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Named Projects Total:	**$ 1,825,567.00**			$ -	$ 1,825,567.00	$1,825,567.00
Total Carryover + Estimate:	$ 1,825,567.00				$1,825,567.00	$1,825,567.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2023-2024		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2023 Street Resurfacing Project	$ 1,837,360.00				$ 1,837,360.00	$1,837,360.00
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Named Projects Total:	**$ 1,837,360.00**			$ -	$ 1,837,360.00	$1,837,360.00
Total Carryover + Estimate:	$ 1,837,360.00				$1,837,360.00	$1,837,360.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2024-2025		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2024 Street Resurfacing Project	$ 1,837,409.00				$ 1,837,409.00	$1,837,409.00
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Named Projects Total:	**$ 1,837,409.00**			$ -	$ 1,837,409.00	$1,837,409.00
Total Carryover + Estimate:	$ 1,837,409.00				$1,837,409.00	$1,837,409.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2025-2026		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2025 Street Resurfacing Project	$ 1,852,859.00				$ 1,852,859.00	$1,852,859.00
						$0.00
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Named Projects Total:	**$ 1,852,859.00**			$ -	$ 1,852,859.00	$1,852,859.00
Total Carryover + Estimate:	$ 1,852,859.00				$1,852,859.00	$1,852,859.00
(%) Named Projects:				100%		

RESOLUTION NO. 8223

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS ADOPTING THE MEASURE I FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR FISCAL YEAR 2021/2022 THROUGH 2025/2026 AND RESCINDING RESOLUTION 8126

WHEREAS, San Bernardino County voters approved passage of Measure I in November 2004, authorizing the San Bernardino County Transportation Authority ("SBCTA") to impose a one-half of one percent retail transactions and use tax applicable in the incorporated and unincorporated territory of the county of San Bernardino; and

WHEREAS, revenue from the tax can only be used for transportation improvement and traffic management programs authorized in the Expenditure Plans set forth in Ordinance No. 04-1 of the SBCTA; and

WHEREAS, the Strategic Plan requires each local jurisdiction applying for revenue from the Local Street Program of the SBCTA to annually adopt and update a Five-Year Capital Improvement Plan; and

WHEREAS, California Public Utilities Code 190300 and SBCTA's Ordinance No. 04-1 require each local jurisdiction to maintain General Fund expenditures for transportation-related construction and maintenance activities at the required Maintenance of Effort base year level in each fiscal year of the adopted Five-Year Capital Improvement Plan, which for the City of Redlands is eight hundred forty five thousand eight hundred sixty six dollars ($845,866);

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Redlands as follows:

Section 1. This City Council determines that approval of this Resolution is exempt from review under California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines sections, (i) 15273(a)(4), as CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, and other charges by public agencies which the public agency finds are for the purpose of obtaining funds for capital projects, necessary to maintain service within existing service areas; and (ii) 15061(b)(3), as it can be seen with certainty by this City Council that the approval of this Resolution establishing a Five-Year Capital Improvement Plan will have no physical effect on the environment.

Section 2. That the Measure I Five-Year Capital Improvement Plan, attached to this Resolution as Exhibit "A," is hereby adopted.

ADOPTED, SIGNED AND APPROVED this 6th day of July, 2021.

Paul T. Barich, Mayor

ATTEST:

Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 6th day of July, 2021

AYES: Councilmembers Foster, Tejeda, Davis, Guzman-Lowry; Mayor Barich
NOES: None
ABSENT: None
ABSTAINED: None

Jeanne Donaldson, City Clerk

CITY OF REDLANDS

MEASURE I CAPITAL IMPROVEMENT PLAN

EXPENDITURE STRATEGY
Fiscal Year 2021/2022 to 2025/2026

The City of Redlands intends to use Measure I dollars to partially fund the City's City Council-approved Pavement Management Program (PMP). The City's Pavement Management Program, which provides a decision making matrix in identifying streets that are priority paving projects, will be used to determine future Measure I Capital Improvement Plans.

ATTACHMENT C

Measure I Local Pass-through Program
REVISED REVENUE ESTIMATES FOR FY2020/2021 thru FY2025/2026
Valley Subarea

VALLEY SUBAREA	Population Distribution Percentage	Estimated Annual Local Pass-Through Amount						Total FY21/22 thru FY25/26
		REV FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	
Chino	5.62%	$ 1,737,494	$ 1,787,596	$ 1,857,877	$ 1,911,554	$ 1,966,764	$ 2,023,550	$ 9,547,342
Chino Hills	5.28%	$ 1,631,789	$ 1,678,843	$ 1,744,848	$ 1,795,260	$ 1,847,111	$ 1,900,442	$ 8,966,503
Colton	3.40%	$ 1,052,044	$ 1,082,380	$ 1,124,935	$ 1,157,436	$ 1,190,866	$ 1,225,249	$ 5,780,867
Fontana	13.28%	$ 4,102,063	$ 4,220,350	$ 4,386,277	$ 4,513,004	$ 4,643,350	$ 4,777,416	$ 22,540,396
Grand Terrace	0.79%	$ 244,757	$ 251,814	$ 261,715	$ 269,276	$ 277,053	$ 285,053	$ 1,344,912
Highland	3.49%	$ 1,078,871	$ 1,109,982	$ 1,153,622	$ 1,186,952	$ 1,221,233	$ 1,256,494	$ 5,928,282
Loma Linda	1.52%	$ 470,693	$ 484,266	$ 503,306	$ 517,847	$ 532,804	$ 548,187	$ 2,586,409
Montclair	2.48%	$ 765,237	$ 787,303	$ 818,257	$ 841,898	$ 866,214	$ 891,224	$ 4,204,895
Ontario	11.16%	$ 3,448,102	$ 3,547,532	$ 3,687,006	$ 3,793,530	$ 3,903,095	$ 4,015,788	$ 18,946,950
Rancho Cucamonga	11.23%	$ 3,470,230	$ 3,570,297	$ 3,710,666	$ 3,817,874	$ 3,928,143	$ 4,041,559	$ 19,068,539
Redlands	4.50%	$ 1,389,527	$ 1,429,595	$ 1,485,801	$ 1,528,728	$ 1,572,882	$ 1,618,295	$ 7,635,302
Rialto	6.71%	$ 2,074,861	$ 2,134,692	$ 2,218,619	$ 2,282,719	$ 2,348,649	$ 2,416,461	$ 11,401,139
San Bernardino	13.72%	$ 4,240,457	$ 4,362,735	$ 4,534,259	$ 4,665,262	$ 4,800,005	$ 4,938,594	$ 23,300,855
Upland	4.91%	$ 1,517,998	$ 1,561,771	$ 1,623,173	$ 1,670,070	$ 1,718,305	$ 1,767,917	$ 8,341,237
Yucaipa	3.43%	$ 1,060,806	$ 1,091,395	$ 1,134,304	$ 1,167,076	$ 1,200,784	$ 1,235,454	$ 5,829,013
County/Valley	8.46%	$ 2,614,780	$ 2,690,180	$ 2,795,947	$ 2,876,727	$ 2,959,813	$ 3,045,271	$ 14,367,937
Total Valley Region	**100.00%**	$ 30,899,708	$ 31,790,733	$ 33,040,611	$ 33,995,211	$ 34,977,070	$ 35,986,954	**$ 169,790,578**

Measure I Local Pass-through Program
REVISED REVENUE ESTIMATES FOR FY2020/21 thru FY2025/2026
Mountain/Desert Subareas

MOUNTAIN/DESERT SUBAREA	Distribution Percentage (50% Population & 50% Revenue Generation)		Estimated Annual Local Pass-Through Amount*						Total FY21/22 through FY25/26
	Population	Revenue Generation	REV FY20/21	FY21/22	FY22/23	F23/24	FY24/25	FY25/26	
Needles	70.07%	73.45%	$ 135,646.35	$ 139,801.94	$ 145,552.75	$ 150,019.78	$ 154,622.44	$ 159,365.03	$ 749,361.95
County/Colorado River	29.93%	26.55%	$ 53,382.65	$ 55,018.06	$ 57,281.25	$ 59,039.22	$ 60,850.56	$ 62,716.97	$ 294,906.05
Colorado River Subarea	**100.00%**	**100.00%**	**$ 189,029.00**	**$ 194,820.00**	**$ 202,834.00**	**$ 209,059.00**	**$ 215,473.00**	**$ 222,082.00**	**$ 1,044,268.00**
Twentynine Palms	38.31%	22.77%	$ 542,848.72	$ 555,958.71	$ 575,184.72	$ 589,107.31	$ 603,361.23	$ 617,954.42	$ 2,941,566.39
Yucca Valley	29.17%	64.67%	$ 834,102.79	$ 854,246.67	$ 883,787.99	$ 905,180.45	$ 927,082.01	$ 949,504.87	$ 4,519,802.00
County/Morongo Basin	32.52%	12.56%	$ 400,703.49	$ 410,380.62	$ 424,572.29	$ 434,849.24	$ 445,370.76	$ 456,142.71	$ 2,171,315.62
Morongo Basin Subarea	**100.00%**	**100.00%**	**$ 1,777,655.00**	**$ 1,820,586.00**	**$ 1,883,545.00**	**$ 1,929,137.00**	**$ 1,975,814.00**	**$ 2,023,602.00**	**$ 9,632,684.00**
Barstow	42.42%	75.24%	$ 1,859,220.40	$ 1,922,296.80	$ 2,007,757.24	$ 2,075,984.75	$ 2,146,511.31	$ 2,219,412.83	$ 10,371,962.93
County/North Desert	57.58%	24.76%	$ 1,301,133.60	$ 1,345,276.20	$ 1,405,083.76	$ 1,452,831.25	$ 1,502,187.69	$ 1,553,206.17	$ 7,258,585.07
North Desert Subarea	**100.00%**	**100.00%**	**$ 3,160,354.00**	**$ 3,267,573.00**	**$ 3,412,841.00**	**$ 3,528,816.00**	**$ 3,648,699.00**	**$ 3,772,619.00**	**$ 17,630,548.00**
Big Bear Lake	10.44%	49.84%	$ 456,273.10	$ 469,696.24	$ 488,439.63	$ 502,836.83	$ 517,653.25	$ 532,901.54	$ 2,511,527.49
County/Mountains	89.56%	50.16%	$ 1,057,675.90	$ 1,088,791.76	$ 1,132,240.37	$ 1,165,614.17	$ 1,199,959.75	$ 1,235,306.46	$ 5,821,912.51
Mountains Subarea	**100.00%**	**100.00%**	**$ 1,513,949.00**	**$ 1,558,488.00**	**$ 1,620,680.00**	**$ 1,668,451.00**	**$ 1,717,613.00**	**$ 1,768,208.00**	**$ 8,333,440.00**
Adelanto	8.73%	4.03%	$ 825,301.84	$ 857,085.24	$ 899,159.09	$ 933,837.34	$ 969,844.15	$ 999,713.31	$ 4,659,639.12
Apple Valley	18.25%	14.90%	$ 2,144,716.36	$ 2,227,312.05	$ 2,336,649.58	$ 2,426,768.16	$ 2,520,339.23	$ 2,597,960.39	$ 12,109,029.41
Hesperia	23.94%	23.58%	$ 3,074,412.18	$ 3,192,811.60	$ 3,349,544.99	$ 3,478,728.34	$ 3,612,860.79	$ 3,724,129.30	$ 17,358,075.02
Victorville	31.43%	51.86%	$ 5,389,724.71	$ 5,597,289.70	$ 5,872,057.61	$ 6,098,527.79	$ 6,333,674.19	$ 6,528,738.05	$ 30,430,287.33
County/Victor Valley	17.65%	5.63%	$ 1,506,814.14	$ 1,564,843.42	$ 1,641,660.73	$ 1,704,975.37	$ 1,770,715.64	$ 1,825,249.96	$ 8,507,445.12
Victor Valley Subarea	**100.00%**	**100.00%**	**$ 12,940,969.23**	**$ 13,439,342.00**	**$ 14,099,072.00**	**$ 14,642,837.00**	**$ 15,207,434.00**	**$ 15,675,791.00**	**$ 73,064,476.00**
Total Mt Desert Region			**$ 19,581,956.23**	**$ 20,280,809.00**	**$ 21,218,972.00**	**$ 21,978,300.00**	**$ 22,765,033.00**	**$ 23,462,302.00**	**$ 109,705,416.00**

Resolution Number: 8223
Resolution Approval Date: 6/6/2020
Contact Person/Title: Gerard Nepomuceno
Phone: 9097987584 x4
Email: gnepomuceno@cityofredlands.org

Measure I Local Pass-through Program

FIVE YEAR CAPITAL IMPROVEMENT PLAN

Fiscal Years 2021/2022 thru 2025/2026

Redlands

6/30/21 Carryover Balance: **$0.00**

Named Projects:	Is Project in City's Non-motorized Transportation Plan? (Yes/No)	Does Project have an ATP Component? (Yes/No)	Is the Project on the City's Nexus Study List? (Public/DIF Share %)		Estimated Total Project Cost	FY2021/22 Est. Revenue		FY2022/23 Est. Revenue		FY2023/24 Est. Revenue		FY2024/25 Est. Revenue		FY2025/26 Est. Revenue		**Total Est. Rev.**
						$1,429,595.00		$1,485,801.00		$1,528,728.00		$1,572,882.00		$1,618,295.00		**$7,635,301.00**
						Carryover Funds	Current Estimate	Carryover Funds	Current Estimate	Carryover Funds	Current Estimate	Carryover Funds	Current Estimate	Carryover Funds	Current Estimate	**Total**
PMP Street Resurfacing Project	No	No	0%	100%	$7,635,301.00	0.00	1,429,595.00	0.00	1,485,801.00	0.00	1,528,728.00	0.00	1,572,882.00	0.00	1,618,295.00	**$7,635,301.00**
				Named Projects Total:		$0.00	$1,429,595.00	$0.00	$1,485,801.00	$0.00	$1,528,728.00	$0.00	$1,572,882.00	$0.00	$1,618,295.00	**$7,635,301.00**
				Total Carryover + Estimate:		$1,429,595.00		$1,485,801.00		$1,528,728.00		$1,572,882.00		$1,618,295.00		
				(%) Named Projects to FY Est. Revenue:		100.00%		100.00%		100.00%		100.00%		100.00%		
Categorical Projects:																
				Categorical Projects Total:												**$0.00**
				(%) Categorical Projects to FY Est. Revenue:												

Total Carryover Programming:	**$0.00**
Total Estimated Programming:	**$7,635,301.00**
Total Programming:	**$7,635,301.00**

Total Programming is currently 100.00% *(must not exceed 150%)* of Carryover Balance + Total Est. Revenue.

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2021-2022		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2021 Street Resurfacing Project	$ 1,429,595.00				$ 1,429,595.00	$1,429,595.00
						$0.00
						$0.00
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						$0.00
Named Projects Total:	**$ 1,429,595.00**			$ -	$ 1,429,595.00	$1,429,595.00
Total Carryover + Estimate:	$ 1,429,595.00				$1,429,595.00	$1,429,595.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2022-2023		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2022 Street Resurfacing Project	$ 1,485,801.00				$ 1,485,801.00	$1,485,801.00
						$0.00
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Named Projects Total:	**$ 1,485,801.00**			$ -	$ 1,485,801.00	$1,485,801.00
Total Carryover + Estimate:	$ 1,485,801.00				$1,485,801.00	$1,485,801.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2023-2024		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2023 Street Resurfacing Project	$ 1,528,728.00				$ 1,528,728.00	$1,528,728.00
						$0.00
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Named Projects Total:	**$ 1,528,728.00**			$ -	$ 1,528,728.00	$1,528,728.00
Total Carryover + Estimate:	$ 1,528,728.00				$1,528,728.00	$1,528,728.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2024-2025		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2024 Street Resurfacing Project	$ 1,572,882.00				$ 1,572,882.00	$1,572,882.00
						$0.00
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Named Projects Total:	**$ 1,572,882.00**			$ -	$ 1,572,882.00	$1,572,882.00
Total Carryover + Estimate:	$ 1,572,882.00				$1,572,882.00	$1,572,882.00
(%) Named Projects:				100%		

Named Projects:	Estimated Total Project Cost	Nexus Project?		FY2025-2026		Total Local Street Measure I Programmed
		Public Share (%)	DIF Share (%)	Carryover Funds	Current Estimate	
City of Redlands						
PMP 2025 Street Resurfacing Project	$ 1,618,295.00				$ 1,618,295.00	$1,618,295.00
						$0.00
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Named Projects Total:	**$ 1,618,295.00**			$ -	$ 1,618,295.00	$1,618,295.00
Total Carryover + Estimate:	$ 1,618,295.00				$1,618,295.00	$1,618,295.00
(%) Named Projects:				100%		

"A City That Works"

City Council/Successor Agency Meeting **I. 16.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve Resolution No. 8346 adopting Senate Bill No. 1 Road Repair and Accountability Act (SB1) Project List, approving funding be directed to the City's Pavement Management Program, and determining that this action is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If City Council determines the staff recommendation is appropriate, the following motions are provided:

1. I move to approve Resolution No. 8346.

RECOMMENDATION:

Staff recommends City Council determine that adoption of Resolution of No. 8346 is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act, and adopt Resolution No. 8346.

DISCUSSION:

In April 2017, the California Legislature passed Senate Bill No. 1 Road Repair and Accountability Act (SB1). In order to address basic road maintenance, rehabilitation, and critical safety needs on both the California state highway and local streets and road systems, SB1 dedicated approximately $1.5 billion each year statewide through the following:

- Increased per gallon fuel taxes;
- Increased per gallon diesel fuel excise taxes;
- Increased vehicle registration fees; and

- Provided for inflationary adjustments to tax rates in future years.

In order to be eligible to expend SB1 funding, each year cities must submit to the California Transportation Commission (CTC) a proposed project list adopted by Resolution. Once reviewed and adopted by the CTC, the list of cities eligible to receive funding is sent to the State Controller to begin the apportionment process. The proposed project list may be adjusted as funding is received, and constructed projects must have a minimum twenty (20) year estimated service life. For fiscal year 22/23, staff proposes to adopt the attached project list and to utilize the estimated $1,621,931 SB1 funding allocation to supplement the Pavement Management Program (PMP) 2022 Street Resurfacing Project.

Adoption of Resolution No. 8346 is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act, as adoption of Resolution No. 8346 will not have a significant impact on the environment.

ALTERNATIVES:

City Council may deny adoption of Resolution No. 8346, although this will delay reimbursement of SB1 program funding to the City.

STRATEGIC PLAN:

Priority D - Strategic Objective 3. Infrastructure: Engineer and construct transportation facilities to accommodate all potential users – motorists, cyclists and pedestrians

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Goutam K. Dobey, Engineering Manager

PREPARED BY:
Gerard Nepomuceno, Civil Engineer

Fiscal Impact

Fiscal Year:	FY 22/23
Revenue Generating:	Yes
Appropriation Required Y/N:	No
Budgeted Y/N:	Yes
Account No.:	211910

Discussion:

There is no fiscal impact associated with this action. The fiscal year 22/23 budget includes both the revenue and expenditure related to SB1 funding.

Attachments

Resolution No. 8346

RESOLUTION NO. 8346

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS ADOPTING A ROAD REPAIR AND ACCOUNTABILITY ACT PROJECT LIST FOR THE 2022-2023 FISCAL YEAR

WHEREAS, Senate Bill No. 1 ("SB1"), the Road Repair and Accountability Act of 2017 (Chapter 5, Statutes of 2017), was passed by the Legislature and signed into law by the Governor in April 2017 to address the significant multi-modal transportation funding shortfalls statewide; and

WHEREAS, SB1 includes accountability and transparency provisions that will ensure the residents of City of Redlands ("City") are aware of the projects proposed for funding in our community, and which projects have been completed each fiscal year; and

WHEREAS, the City must include a list of all projects proposed to receive funding from the Road Maintenance and Rehabilitation Account ("RMRA"), created by SB1, by resolution, which must include a description and the location of each proposed project, a proposed schedule for the project's completion, and the estimated useful life of the improvement; and

WHEREAS, the City will receive an estimated one million six hundred twenty one thousand nine hundred thirty one dollars ($1,621,931) in RMRA funding in Fiscal Year 2022-23 from SB1; and

WHEREAS, this is the sixth year in which the City is receiving SB1 funding and will enable the City to continue essential road maintenance and rehabilitation projects, safety improvements, repairing and replacing aging bridges, and increasing access and mobility options for the traveling public that would not have otherwise been possible without SB1; and

WHEREAS, the City used the Pavement Management Program ("PMP") to determine the SB 1 project list and ensure revenues are being used on the most high-priority and cost-effective projects that also meet the communities priorities for transportation investment; and

WHEREAS, the funding from SB1 will supplement other funding to rehabilitate approximately thirty (30) lane miles throughout the City in the PMP 2022 Street Resurfacing Project; and

WHEREAS, the SB1 project list and overall investment in our local streets and roads infrastructure with a focus on basic maintenance and safety, investing in complete streets infrastructure, and using cutting-edge technology, materials and practices, will assist the City in continuing to fund the City's PMP program;

NOW, THEREFORE, be it resolved by the City Council of the City of Redlands, as follows:

Section 1. Adoption of this Resolution has no environmental impact and therefore such

action is exempt from review under the California Environmental Quality Act ("CEQA") in accordance with State CEQA guidelines section 15061 (b)(3).

Section 2. The foregoing recitals are true and correct.

Section 3. The proposed project list is attached hereto as Exhibit "A" may utilize fiscal year 2022-23 Road Maintenance and Rehabilitation Account revenues in their delivery. With the listing of these projects in the adopted fiscal year resolution, the City is affirming to the public and the State its intent to fund these projects with Road Maintenance and Rehabilitation Account Revenues:

> PMP 2022 Street Resurfacing Project will maintain and rehabilitate approximately 30 lane miles of various streets in the City of Redlands. The maintenance efforts includes slurry sealing, crack sealing, and thin grinding with asphalt concrete overly. The rehabilitation efforts includes removing and replacing existing asphalt, grinding and overlay with hot mix asphalt, and full depth reclamation. It also includes restriping, replacing traffic loops, and manhole rim adjustment. The project is anticipated to begin construction in fall 2022, with an estimated construction timeline of 6 months, and an estimated project life of at least 20 years where rehabilitation methods are implemented.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022

_____
Paul T. Barich, Mayor

ATTEST :

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certify that the foregoing Resolution was duly adopted by the City Council at a regular meeting thereof, held on the 7th day of June, 2022, by the following vote.:

A YES :
NOES:
ABSTAIN :
ABSENT :

_____
Jeanne Donaldson, City Clerk

EXHIBIT “A”

PMP 2022 RESURFACING PROJECT

[ATTACHED]

EXHIBIT "A"

PMP 2022 RESURFACING PROJECT

STREET SEGMENTS

No.	*Street Name*	*From Street*	*To Street*
1	4TH ST	HOME PL	CITRUS AVE
2	5TH AVE	FORD ST	DEARBORN ST
3	ALTA ST	LUGONIA AVE	SUN AVE
4	ASH ST	BROOKSIDE AVE	DEAD END
5	BROCKTON AVE	GLENN CT	TEXAS ST
6	BROCKTON AVE	DEARBORN ST	KENSINGTON DR
7	CALHOUN ST	SUN AVE	UNION AVE
8	CAPRI AVE	GRANITE ST	WABASH AVE
9	CENTRAL AVE	COOK ST	GROVE ST
10	CHURCH ST	CITRUS AVE	CENTRAL AVE
11	CHURCH ST	HIGH AVE	COLTON AVE
12	CITRUS AVE	UNIVERSITY ST	UNIVERSITY PL
13	CLAY ST	UNION AVE	BROCKTON AVE
14	COLTON AVE	CHURCH ST	UNIVERSITY ST
15	COOK ST	CITRUS AVE	CERO CT
16	COOK ST	CENTRAL AVE	PARK AVE
17	CORNELL AVE	UNIVERSITY ST	GROVE ST
18	COURIER AVE	TRIBUNE ST	OXFORD DR
19	CYPRESS AVE	ROOSEVELT RD	LEMONLIME ST
20	DEARBORN ST	CITRUS AVE	COLTON AVE
21	DOYLE AVE	DEAD END	TORINO ST
22	EDGEMONT DR	LANTERN CREST ESTATES	FAIRMONT DR
23	EDWARDS ST	CORNELL AVE	DEAD END
24	EUREKA ST	VINE ST	BROOKSIDE AVE
25	FAIRWAY DR	FAIRWAY DR	WABASH AVE
26	FARVIEW LN	PLEASANT VIEW DR	DEAD END
27	FERN AVE	NANETTE ST	ASH ST
28	FERN AVE	SAN MATEO ST	SAN JACINTO ST
29	FERN AVE	LA PALOMA ST	REDLANDS BLVD
30	FERN AVE	BOND ST	NORWOOD ST
31	FERN AVE	NORDINA ST	MYRTLE ST
32	FERN AVE	4TH ST	CAJON ST
33	FORD ST	CITRUS AVE	FARVIEW LN
34	FORD ST	CRESTVIEW RD	RESERVOIR RD
35	GROVE ST	CORNELL AVE	LUGONIA AVE
36	HERALD ST	BROCKTON AVE	LUGONIA AVE
37	JUDSON ST	SUSAN AVE	SAN BERNARDINO AVE
38	LAWTON ST	COLTON AVE	SUN AVE
39	LINCOLN ST	HIGHLAND AVE	KENWOOD DR
40	LINCOLN ST	PAIUTE AVE	LUGONIA AVE
41	LUGONIA AVE	LINCOLN ST	DEARBORN ST
42	LUGONIA AVE	RESEARCH DR	END
43	MCAULIFFE CT	PALM AVE	END
44	NAPA AVE	GROVE ST	MORISSON DR
45	NORDINA AVE	CLARK ST	OLIVE AVE
46	OCCIDENTAL DR	COLTON AVE	BROCKTON AVE
47	OHIO ST	SUN AVE	BROCKTON AVE
48	OLIVE AVE	CAJON ST	6TH ST

49	OLIVE AVE	SUN AVE	ALVARADO ST
50	ORANGE ST	UNION AVE	WESTERN AVE
51	ORANGE ST	PIONEER AVE	ROAD NARROW (150' N/ HUBBARD CT)
52	ORANGE ST	DELAWARE AVE	PENNSYLVANIA AVE
53	ORANGE ST	STATE ST	REDLANDS BLVD
54	OXFORD DR	BROCKTON AVE	COURIER AVE
55	PALM AVE	EASTWOOD ST	FORD ST
56	PARK AVE	UNIVERSITY ST	END
57	PENNSYLVANIA AVE	LASSEN ST	DeANZA ST
58	PENNSYLVANIA AVE	VILLAGE ST	GROVE ST
59	REDLANDS BLVD	CYPRESS AVE	AC 150' NW/ FORD ST
60	REDLANDS BLVD	TEXAS ST	10TH ST (BEGIN PCC)
61	RESEARCH DR	ALMOND AVE	LUGONIA AVE
62	RUBY AVE	COLUMBIA ST	OHIO ST
63	SAN BERNARDINO AVE	DEARBORN ST	CITY LIMITS (230' E/ CHRYSOLITE)
64	SAN BERNARDINO AVE	OCCIDENTAL DR	HARRISON LN
65	SAN MATEO ST	OLIVE AVE	MAGNOLIA AVE
66	SONATA DR	TORINO ST	TIVOLI DR
67	SONORA ST	CLARK ST	OLIVE AVE
68	TORINO ST	SAN BERNARDINO AVE	SONATA DR
69	TRIBUNE ST	LUGONIA AVE	BROCKTON AVE
70	TRIBUNE ST	UNION AVE	COLTON AVE
71	WEBSTER ST	UNION AVE	BROCKTON AVE
72	WEBSTER ST	COLTON AVE	SUN AVE
73	WESTERN AVE	COLUMBIA ST	WEBSTER ST

"A City That Works"

City Council/Successor Agency Meeting **I. 17.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve an agreement with Scenic Earth Inland Empire for turf mowing contractual services within city parks and medians in the amount not-to-exceed $31,598.31 for a period of one year, with one additional one-year renewal option for a total amount not-to-exceed $63,196.62 (Assistant City Manager Boatman)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

1. I move that the City Council determine approval of an agreement for turf mowing contractual services within city parks and medians is exempt from environmental review pursuant to Section 15301(h) of the State's Guidelines implementing the California Environmental Quality Act; and

2. I move to approve an agreement with Scenic Earth Inland Empire in the amount of $63,196.62 for turf mowing contractual services within city parks and medians.

RECOMMENDATION:

Staff recommends that City Council approve an agreement with Scenic Earth Inland Empire to provide turf mowing contractual services within city parks and medians in the amount not-to-exceed $31,598.31 for a period of one year, with one additional one-year renewal option for a possible agreement total amount not-to-exceed $63,196.62. Staff further recommends that the City Council determine approval of an agreement to provide turf mowing contractual services within city parks and medians is exempt from environmental review pursuant to Section 15301(h) of the State's guidelines implementing the California Environmental Quality Act.

DISCUSSION:

The Facilities and Community Services Department oversees the daily maintenance of city parks and medians which includes mowing, edging, and various other maintenance services. Parks division staff perform routine maintenance and oversight of these areas in addition to utilizing outside contractual services on an as-needed basis. These additional outside services help ensure consistent maintenance and allow staff to focus on more specialized tasks within the City's park and medians.

The City advertised a Request for Bid (RFB) for contractual mowing on March 15, 2022. On March 31, 2022, the City Clerk received and opened seven bids. Staff evaluated the bids for conformance with the purchasing ordinance and verified the total price as shown in the table below. At the time this RFB was posted, the service area for Heritage Park was .42 acres. On May 7, 2022, additional turf was installed bringing the total acreage to 1.5, thus adding to the original bid opening amount from $31,151.26 to $31,598.31. Last year's contracted amount for this service was $28,906.30. Scenic Earth Inland Empire met all the bidding requirements and is still deemed the apparent lowest responsible bidder.

Bidder	Bid Amount
Scenic Earth Inland Empire	$31,151.26
Leafwise Landscape, LLC	$49,223.68
RP Landscape & Irrigation	$56,542.00
Integrity Arborist & Ecoscape, Inc	$58,368.00
TLC Landscape Services, Inc.	$70,050.00
Priority Landscape Services, LLC	$141,550.00
Greenfield Landscaping & Maintenance	$198,724.80

Staff recommends City Council award an agreement to Scenic Earth Inland Empire in the amount of $31,598.31 for a period of one year, with one additional one-year renewal option for a total agreement amount not-to-exceed $63,196.622 to perform turf mowing contractual services within the City Parks and medians. Furthermore, approval of this agreement is categorically exempt from environmental review in accordance with Section 15301(h) as the landscape maintenance will be performed to existing public facilities.

ALTERNATIVES:

City Council may reject all bids and direct staff accordingly.

STRATEGIC PLAN:

Not Applicable

SUBMITTED BY:
Chris Boatman, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Erik Reeves, Field Services Superintendent

Fiscal Impact

Fiscal Year:	FY 2022-23
Amount:	$63,562
Budgeted Y/N:	Yes
Account No.:	101303

Discussion:

Funding for this Agreement is included in the Parks Division Operating Budget request for FY 2022-23.

Attachments

A. City Clerk Bid Opening Report

B. Agreement with Scenic Earth Inland Empire

CITY OF REDLANDS
OFFICE OF THE CITY CLERK
BID OPENING REPORT

The following bids were opened on the **31st day of March 2022 at 3:30 p.m.** on behalf of the Facilities and Community Services Department for **Contractual Park Mowing Service – FCS02022022JS**. The bid amounts have not been checked and are subject to correction after the bids have been completely reviewed.

No.	Plan Holder's Name	Bid Signed	Addenda Acknowledged (1)	Total Bid Amount
1	Scenic Earth Inland Empire, Moreno Valley CA	Yes	No	$ 31,151.26
2	Leafwise Landscape, Moreno Valley CA	Yes	1 Acknowledged	$ 49,223.68
3	RP Landscape & Irrigation, San Bernardino CA	Yes	1 Acknowledged	$ 56,542.00
4	Integrity Arborist and Ecoscape, Inc., Riverside CA	Yes	1 Acknowledged	$ 58,368.00
5	TLC Landscape Services Inc., Redlands CA	Yes	1 Acknowledged	$ 70,050.00
6	Priority Landscape Services, LLC Anaheim CA	Yes	1 Acknowledged	$141,550.00
7	Greenfield Landscaping & Maintenance, Hacienda Heights CA	Yes	No	$198,724.80

Jeanne Donaldson, City Clerk
City of Redlands, California

Emailed: Councilmembers,
City Manager, City Treasurer, PIO, Press
Department Head: Chris Boatman
Staff: Jocelyn Santa Cruz

AGREEMENT TO PERFORM NON-PROFESSIONAL SERVICES
FOR IMPROVEMENT TO PUBLIC BUILDINGS AND GROUNDS

This agreement for the provision of landscape maintenance services at City parks and medians ("Agreement") is made and entered in this 7th day of June, 2022 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("City") and Scenic Earth Inland Empire ("Contractor"). City and Contractor are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Contractor agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONTRACTOR

1.1 City hereby engages Contractor to perform landscape maintenance services at certain City designated parks and medians (the "Services"). The Services that Contractor shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by this reference.

1.2 The Services shall be performed by Contractor in a professional manner, and Contractor represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional Contractors in the industry providing like and similar types of Services.

ARTICLE 2 – RESPONSIBILITIES OF CONTRACTOR

2.1 Contractor shall comply with all applicable federal, state and local laws and regulations in the performance of the Services including, but not limited, to all applicable Labor Code and prevailing wage laws and non-discrimination laws, including the Americans with Disabilities Act. Pursuant to Labor Code section 1773.2, copies of the prevailing rates of per diem wages as determined by the Director of the California Department of Industrial Relations for each craft, classification or type of worker needed to undertake the Services are on file at City's Municipal Utilities and Engineering Department, located at the Civic Center, 35 Cajon Street, Suite 15A (Mailing: P.O. Box 3005), Redlands, California 92373.

2.2 Contractor acknowledges that if it violates the Labor Code provisions relating to prevailing wages that City may enforce such provisions by withholding payments to Contractor or its subcontractors pursuant to Labor Code section 1771.6.

2.3 If Contractor executes an agreement with a subcontractor to perform any portion of the Services, Contractor shall comply with Labor Code sections 1775 and 1777.7, and shall provide the subcontractor with copies of the provisions of Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815. Contractor acknowledges that the statutory provisions establishing penalties for failure to comply with state wage and hour laws and to pay prevailing wages may be enforced by City pursuant to Labor Code sections 1775 and 1813.

2.4 Contractor and its subcontractors shall comply with the provisions of Labor Code section 1776 regarding payroll records maintenance, certifications, retention and inspection.

2.5 Contractor acknowledges that eight (8) hours constitutes a legal day's work pursuant to

Labor Code section 1810.

2.6 Contractor shall comply with the provisions of Labor Code section 1777.5 as to apprenticeships, and Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815.

2.7 Pursuant to Public Contract Code section 7103.5(b), Contractor offers and agrees to assign to City all rights, title and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S.C. section 15) or under the Cartwright Act (Chapter 2 (commencing with section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, goods or materials pursuant to this Agreement.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City shall make available to Contractor information in its possession that may reasonably assist Contractor in performing the Services.

3.2 City designates Chris Boatman, Assistant City Manager, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 Contractor shall perform and complete the Services in a prompt and diligent manner in accordance with the schedule set forth in Exhibit "A." The Services shall commence as of the Effective Date of this Agreement.

4.2 The term of this Agreement shall be for a period of one (1) year commencing on July 1, 2023 (the "Initial Term"). The City shall have the option to extend the Initial Term of this Agreement by one (1) additional one-year term (an "Extended Term"), on the same terms and conditions, by providing written notice to Contractor at least thirty (30) days prior to the expiration of the Initial Term. The Initial Term and the Extended Term are together, referred to herein as the "Term" of this Agreement.

4.3 Contractor shall furnish a labor and material bond in the form attached hereto as Exhibit "B," which is attached hereto and incorporated herein by this reference, in an amount equal to one hundred percent (100%) of the total compensation to be paid to Contractor pursuant to this Agreement.

ARTICLE 5 – PAYMENTS TO CONTRACTOR

5.1 The compensation for Contractor's performance of the Services shall not exceed the amount of thirty one thousand one hundred fifty one dollars and twenty six cents ($31,151.26) for the Services provided during the Initial Term. Should this Agreement be extended, the compensation for Contractor's performance for the Services shall not exceed the amount of thirty-one thousand one hundred fifty-one dollars and twenty-six cents ($31,151.26) for the Extended Term, bringing the total possible amount of compensation to a not-to-exceed amount of sixty-two thousand three hundred two dollars and fifty-two

cents ($62,302.52). For the Initial Term and each Extended Term, City shall pay Contractor on a time and materials basis up to the not to not-to-exceed amount in accordance with the rates specified in Exhibit "C," titled "Price and Fee Bid," which is attached hereto and incorporated herein by reference.

5.2 Contractor shall submit monthly invoices to City describing the Services performed during the preceding month. Contractor's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom. City shall pay Contractor no later than thirty (30) days after receipt and approval by City of Contractor's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF), if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY	CONTRACTOR
City Clerk City of Redlands 35 Cajon Street P.O. Box 3005 (mailing) Redlands, CA 92373 jdonaldson@cityofredlands.org (909) 798-7531	Jorge Montano Scenic Earth Inland Empire 15401 Avenida Anillo Moreno Valley, CA 92555 jmontano@sceniceartinlandempire.com 951-567-9072

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Contractor for the duration of its performance of the Services. Contractor shall not perform any Services unless and until the required insurance listed below is obtained by Contractor. Contractor shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Contractor is self-insured or exempt from the workers' compensation laws of the State of California. Contractor shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Contractor owned vehicles used in connection with Contractor's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

6.2 Contractor shall defend, indemnify, and hold harmless City and its elected and appointed officials, employees and agents from and against any and all claims, losses and liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of, Contractor, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Contractor covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Contractor's Services. Contractor further covenants and represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Contractor agrees it is not a designated employee within the meaning of the Political Reform Act because Contractor:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;
(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;
(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a

position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Contractor must disclose its financial interests, Contractor shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Contractor shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, results in City's immediate termination of this Agreement.

8.3 Contractor is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor any of its agents shall have control over the conduct of Contractor or Contractor's employees, except as herein set forth. Contractor shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Contractor are for its account only, and in no event shall Contractor or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Contractor shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Contractor have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Contractor of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Contractor's compensation shall be made, but (i) no amount shall be allowed for anticipated profit or unperformed Services, and (ii) any payment due Contractor at the time of termination may be adjusted to the extent of any additional costs to City occasioned by any default by Contractor. Upon receipt of a termination notice, Contractor shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by Contractor in performing the Services. Contractor shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Contractor shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Contractor

pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Contractor.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Contractor.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California, without regard to its conflicts of laws provisions. The Parties agree that all actions or proceedings arising in connection with this Agreement shall be tried and litigated only in the state courts located in San Bernardino County, California, and the federal courts located in Riverside County, California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Contractor have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul T. Barich, Mayor

SCENIC EARTH INLAND EMPIRE

By: _____
Jorge Montano, Owner

ATTEST:

_____
Jeanne Donaldson, City Clerk

EXHIBIT "A"

SCOPE OF SERVICES

TURF GRASS MOWING

Mowing height for all turf grass areas shall be no less than 1.5” and shall not exceed 2.5” during the months of November to April. Through the months of May to October turf grass shall be mowed at a height of 3.5” to 4.5”. The turf shall be cut at a uniform height leaving no scalping or uneven cuts. Trash and debris shall be cleaned up prior to each mowing.

Grass shall be mowed at height corresponding with specifications determined by the mowing schedule. This shall be performed in all locations where mowing is performed immediately adjacent to park sidewalk and/or pathways. Frequency of mowing schedules shall ultimately be determined by city staff per the specific conditions present during various months/seasons of the year (e.g. prolonged winter or summer conditions, drought mandated water schedules, etc.) but shall not exceed 40 in total quantity per fiscal year.

IRRIGATION MAINTENANCE AND REPAIR

Repair and/or replacement of any damaged/missing irrigation components that is a direct result of the contractual mowing, shall be the onus of the contractor. Any repair/replacement work exceeding a cost of $500.00 shall be submitted to the City of Redlands Facilities & Community Services for approval prior to said work being performed or parts being purchased. Any replacement parts pertaining to the irrigation system shall be the same make to match with existing components specific to the location: i.e.: Hunter, Rain Bird, Superior, Sch 40 PVC fittings and pipe, etc.

EXHIBIT "B"

LABOR AND MATERIAL BOND

Whereas, the City of Redlands, State of California, and _____ _____(hereinafter designated as "Principal") have entered into an agreement (the "Agreement") whereby Principal agrees to Description of Improvement Services to Public Buildings and/or grounds (the "Work"), which said agreement, dated _____, 20XX, and titled as "Agreement to Perform Non-Professional Services for Improvement to Public Builds and Grounds" is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, Principal is required before commencing the performance of the Work, to file a good and sufficient Labor and Material bond with the City of Redlands to secure the claims to which reference is made in Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code of the State of California.

Now, therefore, said Principal and the undersigned as corporate surety, are held firmly bound unto the City and all contractors, subcontractors, laborers, material men and other persons employed in the performance of the Agreement and referred to in the aforesaid Code of Civil Procedure in the sum of Written dollar amount Dollars ($_____) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof, this instrument has been duly executed by the Principal and surety above named, on _____, 20__.

(SEAL)	(SEAL)
_____	_____
(Contractor)	(Surety) BY:
_____	_____
(Signature)	(Signature)
	Address: _____ _____
(Seal and Notarial Acknowledgment of Surety)	Telephone( ) _____

EXHIBIT "C"

PRICE AND FEE BID

A. Description		**B.** Park Acreage	**C.** Annual Total	**D.** Unit Price	**E.** Total Price **(C x D = E)**
Brookside Park	1630 Brookside Ave.	8.13	38	$86.18	$3274.84
Community Park & Baseball Fields	1535 N. Church St.	13.41	38	$142.15	$5401.70
Crafton Park	601 N. Wabash Ave.	4.24	38	$46.00	$1748.00
Ford Park	955 Parkford Dr.	10.43	38	$110.56	$4201.28
Israel Beal Park	255 Riverview Dr.	5.06	38	$53.64	$2038.32
Jennie Davis Park	923 W. Redlands Blvd.	4.63	38	$49.10	$1865.80
Smiley Park (See Map)	168 S. Eureka St.	4.63	38	$49.10	$1865.80
Sylvan Park	730 Chapel St.	14.4	38	$152.65	$5800.70
Texonia Park	1321 Texas St.	6.38	38	$67.63	$2569.94
Prospect Park	1352 Prospect Dr.	0.66	38	$7.00	$266.00
Redlands Sports Park (Perimeter only)	1790 Dearborn St.	1.92	38	$21.70	$824.60
Heritage Park	11126 Iowa St.	0.42	38	$4.45	$169.10
Simonds Parkway	1728 Garden St.	0.68	38	$7.21	$273.98
Corporate Yard	1270 W. Park Ave.	0.49	38	$5.20	$197.60
Barton Road Medians	From Center St. to Terracina Blvd.	1.29	38	$13.70	$520.60
Water Plant Mow area	500 N. Dearborn St.	0.33	38	$3.50	$133.00
				TOTAL:	**$31,151.26**

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

SCENIC EARTH INLAND EMPIRE

By:_____ Date: _____

Jorge Montano, Owner

"A City That Works"

City Council/Successor Agency Meeting **I. 18.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve a license agreement with Avis Budget Car Rental, LLC. for the use of 30 parking spaces on City-owned property located at 1625 W. Redlands Blvd, and determine that the project is exempt from environmental review pursuant to Section 15301 of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motions are provided:

1. I move to determine that approval of the agreement with Avis Budget Car Rental, LLC is exempt from environmental review pursuant to Section 15301 of the State's guidelines implementing the California Environmental Quality Act; and

2. I move to approve a license agreement with Avis Budget Car Rental, LLC.

RECOMMENDATION:

Staff recommends that the City Council approve the License Agreement with Avis Budget Car Rental, LLC. for the use of 30 parking spaces on City-owned property located at 1625 W. Redlands Blvd., and determine that the approval of the agreement is categorically exempt from further environmental review pursuant to Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act.

DISCUSSION:

On December 21, 2021, the City Council approved a Purchase and Sale Agreement with 1625 W Redlands LLC, for the acquisition of the property located at 1625 W. Redlands Blvd. As a result, on March 3, 2022, the City acquired the subject property. Prior to the sale of the property, Avis Budget Car Rental, LLC (Avis) had a license agreement for the use of parking spaces from the previous owner. Avis has requested the use of a portion of the City-owned property for the continued use of approximately 30 parking spaces.

As the City will not immediately occupy the facilities at the property location, the approval of the License Agreement will not impact any design, construction, or other City operations at this time. Furthermore, it has been determined that approval of the agreement is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) guidelines pursuant to Section 15301 as the leasing of the existing parking lot will not increase the existing operational capacity or expand the use of the parking facilities, enabling a categorical exemption from CEQA under section 15301 for Existing Facilities.

ALTERNATIVES:

City Council may elect not to approve the license agreement with Avis Budget Car Rental, LLC. and provide alternative direction to staff.

STRATEGIC PLAN:

Not Applicable

SUBMITTED BY:

Chris Boatman, Assistant City Manager

RECOMMENDED BY:

Charles M. Duggan Jr., City Manager

REVIEWED BY:

Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:

Larry Alms, Administrative Assistant II

Fiscal Impact

Fiscal Year: FY 2022-23
Revenue Generating: Y
Amount: $18,000
Discussion:
Revenue will be $18,000 annually during the term of the License Agreement.

Attachments

A. License Agreement Avis Budget Car Rental

LICENSE AGREEMENT

This License Agreement ("Agreement") is made and entered into this 7th day of June, 2022 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("Licensor") and Avis Budget Car Rental, LLC., a Delaware limited liability company ("Licensee"). Licensor and Licensee are sometimes individually referred to herein as a "Party" and, together, as the "Parties."

RECITALS

WHEREAS, Licensor is the owns those certain improved real property located in the City of Redlands commonly identified as county of San Bernardino Assessor's Parcel No. 0292-157-16-0000 (the "Property"). There are 30 parking places associated with the Property as depicted on Exhibit "A" which is attached hereto, and which is by this reference incorporated herein ("Parking Places"); and

WHEREAS, Licensee has requested to temporarily use the Parking Places for purposes of parking vehicles associated with its business; and

WHEREAS, Licensor desires to grant Licensee a license to enter upon and use the Parking Places on the terms and conditions hereinafter set forth.

NOW, THEREFORE, in consideration of the mutual promises contained herein, the Licensor and Licensee agree as follows:

Section 1. Recitals. The foregoing Recitals are true and correct and incorporated herein by this reference.

Section 2. Grant of License. Licensor hereby grants to Licensee, and its employees and agents, a non-exclusive, revocable license to enter upon and use, as the case may be, subject to all of the terms and conditions hereof, the Property to enter upon and use the Parking Places for the sole purpose of parking vehicles associated with conducting its business. All activities of Licensee undertaken in connection with Licensee's use of the Parking Places for the purpose of parking vehicles associated with conducting its business shall be performed in accordance with all applicable federal, state, and local laws. The use of the Property and the Parking Places shall neither create or vest in Licensee any ownership or leasehold interest in the Property.

Section 3. Term. The term of this Agreement shall commence on its Effective Date and end on June 30, 2023, unless earlier terminated as may be provided for herein.

Section 4. License Fee. Licensee shall pay a fee of One Thousand Five Hundred Dollars ($1,500.00) (the "License Fee") per month payable in advance each month.

Section 5. Security Deposit. Upon execution of this License, in addition to the License Fee provided above, Licensee shall pay to and deposit with Licensor the sum of Five Thousand Dollars ($5,000.00) (the "Security Deposit"), as security for the full and faithful performance of every provision of this License to be performed by Licensee. In the event of a default under the

License Agreement, Licensor may use, apply or retain all or any part of the Security Deposit for the payment of any sums due under the License, or for the payment of any other amount which Licensor may spend or become obligated to spend by reason of Licensee's default, or to compensate Licensor for any other loss or damage which Licensor may suffer by reason of Licensee's default. If Licensee fully and faithfully performs every provision of this License to be performed by it and surrenders the Parking Places to Landlord as required by this License, Licensor shall return the Security Deposit or any balance thereof to Licensee at the expiration of the License Term. Nothing contained in this provision shall in any way diminish or be construed as waiving any of Licensor's other remedies otherwise set forth in this License, or by law or equity.

Section 6. Condition of Parking Places. Licensor shall deliver and Licensee accepts the Parking Places in its "AS-IS" condition. Licensee shall return the Parking Places to the Licensor in their original condition as of the Commencement Date, reasonable wear and tear excepted and in clean condition with no trash or other debris of any kind or nature. Licensee agrees to be liable for and to reimburse Licensor for any cleaning or repair costs associated with Licensee's failure to return the Parking Places in the condition stated herein.

Section 7. Inspection. Licensor and Licensor's agents and representatives shall have the right to inspect the Parking Places at any reasonable time (unless in the reasonable opinion of Licensor an emergency exists, in which event Licensor shall have immediate access), for the purpose of inspecting same or for the purpose of making any repairs Licensor considers necessary or desirable.

Section 8. Termination. This Agreement may be terminated by Licensor, for any reason and in its sole discretion, upon thirty (30) days prior written notice to Licensee; provided, however, in the event Licensor determines that the public health, safety, or welfare is jeopardized, or that Licensee is in material breach of this Agreement, Licensor in its sole discretion may provide written notice to Licensee to immediately suspend Licensee's performance of its obligations under this Agreement, or terminate this Agreement.

Section 9. Notice. Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF), if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY

City Clerk
City of Redlands
35 Cajon Street
PO Box 3005 (mailing)
Redlands, CA 92373
jdonaldson@cityofredlands.org
909-798-7631

LICENSEE

Donald Pierce, Area Development Director
Avis Budget Car Rental, LLC.
1611 W. Vista Way
Vista, CA 92083
don.pierce@avisbudget.com
650-270-4069

Section. 10. Property Loss and Damage.

A. Neither Licensor nor its agents, employees, successors or assigns shall be liable to Licensee or any other person or entity for any injury or damage to persons or property resulting from any reason whatsoever during Licensee's occupation or use of the Parking Places including, without limitation, fire, explosion, leakage, breakage, noise, dampness, gas, electricity, water, rain or snow into or from any part of the Property including but not limited to, drains, pipes, duct work, street, concourse, subsurface, or from any other place or by any other similar or dissimilar cause of whatsoever nature, unless caused by or due to the negligence or willful misconduct of Licensor, its agents or employees.

B. Neither Licensor nor its agents, employees, successors or assignees shall be liable to Licensee for any damage or injury to any person or property resulting from any reason whatsoever during Licensee's occupation or use of the Parking Places including, but not limited to, misuse or abuse of all or any portion of the Parking Places or from any other cause whatsoever on the Parking Places unless such damage, injury, use, misuse, or abuse is caused by the negligence or willful misconduct Licensor, its agents or employees.

C. Licensee shall indemnify, defend and hold Licensor, its agents, employees, successors and assigns harmless, including reasonable attorneys' fees and costs, from and against any and all claims, actions, damages, liability and expense resulting from any reason whatsoever during Licensee's occupation or use of the Parking Places including, but not limited to, loss of life, personal injury, bodily injury and/or damage to property arising from or out the occupancy or use by Licensee of the Parking Places or any part thereof, or occasioned wholly or in part by any act or omission of Licensee, its agents, contractors, employees, invitees, licensees, or concessionaires, which includes but is not limited to, any liability, cost or expense from any breach, violation or nonperformance by Licensee, its agents, contractors, employees, invitees, lessees or concessionaires of any covenant or provisions of this License. In the event that Licensor, its agents, employees, successors or assigns shall be made a party to any litigation commenced by or against Licensee or otherwise, then Licensee shall indemnify, protect, hold harmless and, at Licensor's option, defend Licensor, and shall pay all actual and reasonable costs, expenses and reasonable attorney' s fees incurred or paid by Licensor, its agents, employees, successors or assigns in connection with attorney's fees incurred or paid by Licensor in connection with such litigation. Licensee shall also pay all actual and reasonable costs, expenses, and reasonable attorney's fees that may be incurred or paid by Licensor in enforcing the covenants and agreements in this License.

Section 11. Insurance. Insurance required by this Agreement shall be maintained by Licensee throughout the term of this License. Licensee shall not perform any work on the Property unless and until the required insurance listed below is obtained by Licensee. Licensee shall provide City with certificates of insurance and endorsements evidencing such insurance prior to Licensee's entry onto the Properties. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Licensee is self-insured or exempt from the workers' compensation laws of the State of California. Licensee shall provide City with Exhibit "B," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference.

B. Licensee shall secure and maintain comprehensive general liability insurance with carriers acceptable to City. Minimum coverage of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Licensee shall secure and maintain business auto liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Licensee owned vehicles used in connection with Licensee's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

Section 12. Requirements of Law: Fire Insurance.

A. Licensee, at its sole expense, shall comply with all laws, orders and regulations or other requirements of federal, state, county and municipal authorities, and with any direction of any public officer or officers with respect to the Licensee's use or occupation of the Parking Places.

B. Licensee shall not do or permit to be done any act or thing upon the Parking Places, which will invalidate or be in conflict with fire insurance policies covering the Property and shall not do or permit to be done any act or thing upon the Parking Places which shall or might subject Licensor to any liability or responsibility for injury to any person or persons or to the Property by reason of any business or operation carried on upon the Parking Places or for any other reason; and Licensee, at its expense, shall comply with all rules, orders, regulations or requirements of the applicable governmental authority directly related to Licensee's use or occupation of the Parking Places. Licensee shall not bring or permit to be brought or kept in or on the Parking Places, any flammable, combustible or explosive fluid, material, chemical or substance.

C. Notwithstanding any other provisions of this License to the contrary, no Hazardous Substances shall be brought onto or stored on the Parking Places without Licensor's prior written consent which may be withheld in the Licensor's discretion. "Hazardous Substances" shall mean any material or substance that, by its nature or use is now or hereafter defined or classified as hazardous, toxic, a pollutant or contaminant under any applicable federal, state or local law or regulation.

Section 13. Liens. If, because of any act or omission of Licensee, any lien, charge or order for the payment of money shall be filed against any portion of the Property, Licensee, at its own cost and expense shall cause the same to be discharged of record or bonded against within ten (10) days of the filing thereof unless Licensee shall contest the validity of such lien by appropriate legal proceedings diligently conducted in good faith and without expense to Licensor; and

Licensee shall indemnify and save harmless Licensor against and from all costs, liabilities, suits, penalties, claims and demands, including attorneys' fees, on account thereof. If Licensee shall fail to cause such liens to be discharged of record or bonded against within the aforesaid ten (10) day period or shall fail to satisfy such liens within ten (10) days after any judgment in favor of such lien-holders from which no further appeal might be taken, then Licensor shall have the right to cause the same to be discharged, and Licensee shall be liable for the entire cost of obtaining such discharge, plus attorneys' fees and costs and plus interest on such amounts at the rate of eighteen percent (18%) per annum.

Section 14. Indemnification of Licensor. Licensee, and any subcontractors or agents of Licensee performing sports court resurfacing and mural application work on the Properties for Licensee in connection with this Agreement, shall defend, indemnify and hold Licensor free and harmless from and against all liability, loss, damage, costs or expenses (including attorneys' fees and court costs) arising from, or as the result of, the death of any person or any personal injury, accident, claim, loss or damage whatsoever caused to any person or to the property of any person, or any responsibility or liability resulting from or in any way connected with Licensee's entry onto the Properties, and/or resurfacing of and mural application to the Courts. Licensee shall be responsible for ensuring its subcontractors' and agents', if any, compliance with the requirements of Section 11. Section 11, and the obligations described herein, shall survive the expiration and/or any earlier termination of the Agreement.

Section 15. Assignment. The license granted by this Agreement is personal to Licensee. Licensee shall not assign, sublet or transfer its rights under this Agreement except upon the prior written consent of Licensor, which may be granted or withheld in Licensor's sole discretion. Any assignment, sublet or transfer or attempted assignment, sublet or transfer of the license granted by this Agreement without the prior written consent of Licensor may, in the sole discretion of Licensor, result in the immediate termination of this Agreement.

Section 16. Entire Agreement/Amendment. The making, execution and delivery of this Agreement by Licensee has not been induced by any representations, statements, warranties or agreements other than those herein expressed. This Agreement embodies the entire agreement and understanding of the Parties, and there are no other agreements or understandings, written or oral, in effect between the Parties relating to the grant of this license. This Agreement may be amended or modified only by a written instrument signed by the Parties.

Section 17. Partial Invalidity. If any section of this License or any part of any section herein shall be held unlawful, invalid or unenforceable, that part shall be deemed deleted and without prejudice to the lawfulness, validity and enforceability of the remaining sections and parts thereof.

Section 18. Choice of Law. This License shall be governed by and construed in accordance with laws of the State of California.

A. Authority. The parties hereto represent and warrant that they have the authority and all requisite approvals to enter into this License. This License shall be binding upon and inure to the benefit of the pa1ties hereto and their legal representatives, successors and assigns.

B. No Recording. Licensee agrees not to record this License or any memorandum or short form thereof. Any such recording shall constitute a default by Licensee under this License, whereupon Licensor shall be entitled to retain all portions of the License Fee which have been paid and terminate this License.

Section 16. Attorneys' Fees. In the event any action is commenced to enforce or interpret the terms or provisions of this Agreement, the prevailing Party in any such action, in addition to any costs and other relief granted, shall be entitled to recover its reasonable attorneys' fees, including fees for use of in-house counsel by a Party.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first written above.

CITY OF REDLANDS

_____

By: Paul T. Barich, Mayor

AVIS BUDGET CAR RENTAL, LLC

_____

By: Donald Pierce,
Area Development Director

ATTEST:

_____

Jeanne Donaldson, City Clerk

EXHIBIT “A”

Depiction of the Parking Places



EXHIBIT "B"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

AVIS BUDGET RENTAL CAR, LLC

By: _____ Date: _____

Donald Pierce,
Area Development Director

"A City That Works"

City Council/Successor Agency Meeting **I. 19.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Approve a request for the serving and consumption of alcoholic beverages at Sylvan Park for the White/Gonzales wedding to be held on October 15, 2022, and determine that approval of the request is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motions are provided:

1. I move that the City Council determine that approval of the request for the consumption of alcoholic beverages within a city park during the White/Gonzales wedding is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act; and

2. I move to approve the request for the consumption of alcoholic beverages at the White/Gonzales wedding to be held on October 15, 2022.

RECOMMENDATION:

Staff recommends City Council determine that approval of the request for the serving and consumption of alcoholic beverages at Sylvan Park is exempt from further environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act and approve the consumption of alcoholic beverages at Sylvan Park for the White/Gonzales wedding to be held on October 15, 2022.

DISCUSSION:

Alyssa White (Applicant) is hosting a party to celebrate her wedding ceremony on October 15, 2022. The Applicant has reserved Sylvan Park and is requesting permission to serve beer, wine, and champagne as a courtesy to her party guests. Serving alcohol at the event is scheduled to end no later than 9:00 p.m. The Redlands Municipal Code includes provisions that allow for the reservation of public areas by private parties. Staff's approval authority for the consumption of alcoholic beverages is limited to only enclosed public spaces in public parks as defined by Resolution No. 7559. Therefore, City Council approval is required for the request for the sale and consumption of alcohol.

The Applicant has provided the City with certificates of insurance for public liability insurance to protect against loss from liability for damages on account of bodily injury and property damage arising from the applicant's activity. Such insurance shall include not less than One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) in the aggregate of comprehensive general liability insurance, including bodily injury and property damage coverage, together with such other additional coverage as the City's Risk Manager may determine to be prudent. Insurance coverage shall be obtained prior to the event and maintained for the duration of the applicant's activity.

The proposed project is exempt from the requirements of the California Environmental Quality Act's guidelines pursuant to Section 15061(b)(3). Section 15061(b)(3), referred to as the "common sense," applies to those activities where it is seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment. Approval of the project authorizes the consumption of alcoholic beverages within an existing park upon City property and will not result in any physical change to the environment.

ALTERNATIVES:

The City Council may deny the request.

STRATEGIC PLAN:

Not applicable.

SUBMITTED BY:
Chris Boatman, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Daniel J. McHugh, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Christopher R. Catren, Police Chief

PREPARED BY:
Larry Alms, Administrative Assistant II

Fiscal Impact

Fiscal Year: FY 2022-23

Discussion:

There is no fiscal impact related to the approval of the request to serve alcohol. The park reservation fee revenue of $251.00 will be applied to the Parks Division Fund (101303).

Attachments

A. Authorization to Serve Alcohol

CITY OF REDLANDS
APPLICATION REQUESTING AUTHORIZATION TO SERVE ALCOHOL

TYPE OF EVENT Wedding reception

PROPOSED LOCATION Sylvan park group Area "A" and gazebo

APPLICANT'S INFORMATION

ORGANIZATION'S NAME: White/Gonzales Wedding

CONTACT PERSON: Alyssa White PHONE: 760-220-2489

ADDRESS 11 Tennessee St Apt 125, Redlands CA 92373

EVENT INFORMATION

DATE OF EVENT October 15, 2022 HOURS 5

NAME OF EVENT

ARE FEES BEING CHARGED FOR EVENT? ☐ YES ☒ NO PRICE

ARE FEES BEING CHARGED FOR ALCOHOL? ☐ YES ☒ NO PRICE Champagne

TYPE OF ALCOHOL BEING SERVED? (Beer) (Wine) & Distilled Spirits

RELEASE, HOLD HARMLESS AND AGREEMENT NOT TO SUE

I, the undersigned, representing the White/Gonzalez Wedding and in consideration of being permitted to conduct the Event, agree that the members/participants of Wedding shall defend, indemnify and hold harmless the City of Redlands, its elected officials, officers, boards, commissions, agents and employees from and against any and all claims, demands, actions, suits, damages, liabilities and judgments of every kind and nature and regardless of the merit of the same, arising out of the use of City of Redlands' park facilities.

The members/participants of White/Gonzalez Wedding hereby release, discharge and agree not to sue the City of Redlands for any injury, death or damage to or loss of property arising out of or in connection with this event from whatever cause.

I HAVE CAREFULLY READ THIS RELEASE, HOLD HARMLESS AND AGREEMENT NOT TO SUE AND FULLY UNDERSTAND ITS CONTENTS. I REPRESENT I HAVE THE FULL AUTHORITY TO EXECUTE THIS FULL RELEASE OF LIABILITY ON BEHALF OF THE MEMBERS/PARTICIPANTS OF White/Gonzales Wedding AND THAT I HAVE SIGNED THIS AGREEMENT ON

Date 4/11/22 Signature Alyssa White

AUTHORIZATION

Pursuant to the use of alcohol within the City property noted above, the City of Redlands grants you permission to do so with the following conditions set forth by the City Council:

ALCOHOL RELATED TO PARKS:

Redlands Municipal Code, Section 12.44.270 does allow, "through the permitting process, the consumption of alcoholic beverages or liquors in enclosed public areas in public parks. The enclosed area is comprised of these areas which have been approved for use and secured by a barrier, portable fence, screen or materials approved by the Quality of Life Director.

Tape or ribbon of some kind may also be used for setting off the area for which the alcoholic beverage is served and consumed. Alcohol sales and distribution shall stop one hour prior to end of event unless otherwise directed by PD or ABC office.

ALCOHOL RELATED TO AIRPORT:

12.56.090: USE OF INTOXICATING LIQUOR OR DRUGS: No person shall operate or assist in the operation of any aircraft while under the influence of, or using, any intoxicating liquor or habit forming or hallucinatory or narcotic drug. No alcoholic beverage may be consumed or sold on the airport unless the city council shall have approved and designated the place for the sale and consumption thereof. (Ord. 1431 § C(4), 1971)

"A City That Works"

City Council/Successor Agency Meeting **J. 1.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Discussion and possible action relating to a new City logo (Mayor Barich)

DISCUSSION:

At the request of Mayor Barich, this item has been added to the agenda to allow City Council discussion and possible action relating to a new City logo.

Attachments

New City Logo


CITY OF REDLANDS
REDLANDS
R
ESTABLISHED 1888

"A City That Works"

City Council/Successor Agency Meeting **J. 2.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Discussion and possible action relating to the formation of, and appointments to, a City Council Ad Hoc subcommittee to provide input on the re-opening of Market Night (Mayor Pro Tem Tejeda)

MOTION:

1. I move to approve the formation of an Ad Hoc Market Night Subcommittee which will automatically dissolve without further action by this City Council upon the Council's approval of the re-opening of Market Night; and

2. I move to appoint _____ and _____ to serve on the Market Night Subcommittee.

RECOMMENDATION:

It is recommended by Mayor Pro Tem Tejeda that the City Council consider the formation of, and appointments to, an Ad Hoc Market Night Subcommittee.

DISCUSSION:

At their April meeting, the Parks and Recreation Commission formed a subcommittee to discuss the re-opening of Market Night.

On May 12, the subcommittee recommended that Market Night be reintroduced with some modifications. Those modifications include initially holding Market Night bi-weekly rather than weekly, and changing the size/street span to extend from Orange Street to 7th Street instead of to 9th Street. These modifications are to address limited staffing levels within the Police Department as well as provide a transition back to full operations.

The Parks Commission approved the recommendation to the City Council that it be opened with these modifications.

The Market Night Subcommittee is an Ad Hoc committee that would be exempt from the Ralph M. Brown Act due to the limited scope of its tasks and duration in providing input on the re-opening of Market Night, and would automatically dissolve upon completion of those tasks.

SUBMITTED BY:

Jennifer Macias, Management Analyst

REVIEWED BY:

Charles M. Duggan Jr., City Manager
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Chris Boatman, Assistant City Manager
Christopher R. Catren, Police Chief

"A City That Works"

City Council/Successor Agency Meeting **J. 3.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Discussion and possible action to approve the use of City facilities to hold monthly meetings regarding sustainability policies (Council Member Davis)

DISCUSSION:

At the request of Council Member Davis, this item has been added to the agenda to allow City Council discussion and possible action to approve the use of City facilities to hold monthly meetings regarding sustainability policies .

"A City That Works"

City Council/Successor Agency Meeting **J. 4.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Presentation by Accelerate Neighborhood Climate Action on the work the organization is doing within the City of Redlands in relation to the effects of climate change (Mayor Pro Tem Tejeda)

DISCUSSION:

For this evening's City Council meeting Erin Sanborn, Director of Sustainable Education and Associate Director of Community Service Learning at the University of Redlands, will be presenting on behalf of Accelerate Neighborhood Climate Action about the work the organization is doing within the City of Redlands in relation to the effects of climate change.

Attachments

ANCA Presentation

ANCA Climate Series Review
Redlands City Council Meeting

June 7, 2022

Erin Sanborn, Director of Sustainable Education &
Associate Director of Community Service Learning

University of Redlands

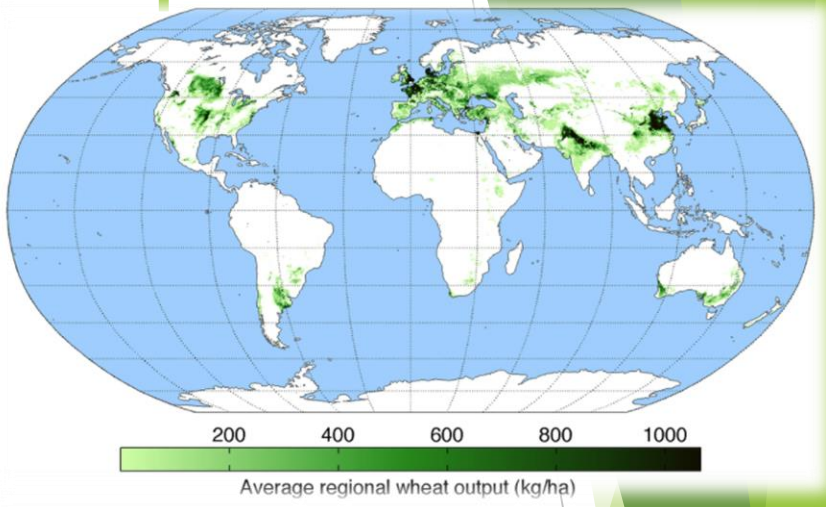




Climate Action Series #5

Food and Climate Disruption

- With the acceleration of climate change, important bread baskets around the world are threatened by droughts, heat, flooding, sea rise, and soil depletion, including our own San Joaquin Valley
- At the same time arable land is being greatly reduced, the world population is rapidly growing.





Local Food System in the Redlands Community

- The vulnerability of the global food system makes it critical to have a strong local food system.
- A local food system includes the growers, the processors, the transporters, the sellers, the consumers and the managers of food waste.
- In Redlands, we have some components, but not all, and all components need to be strengthened



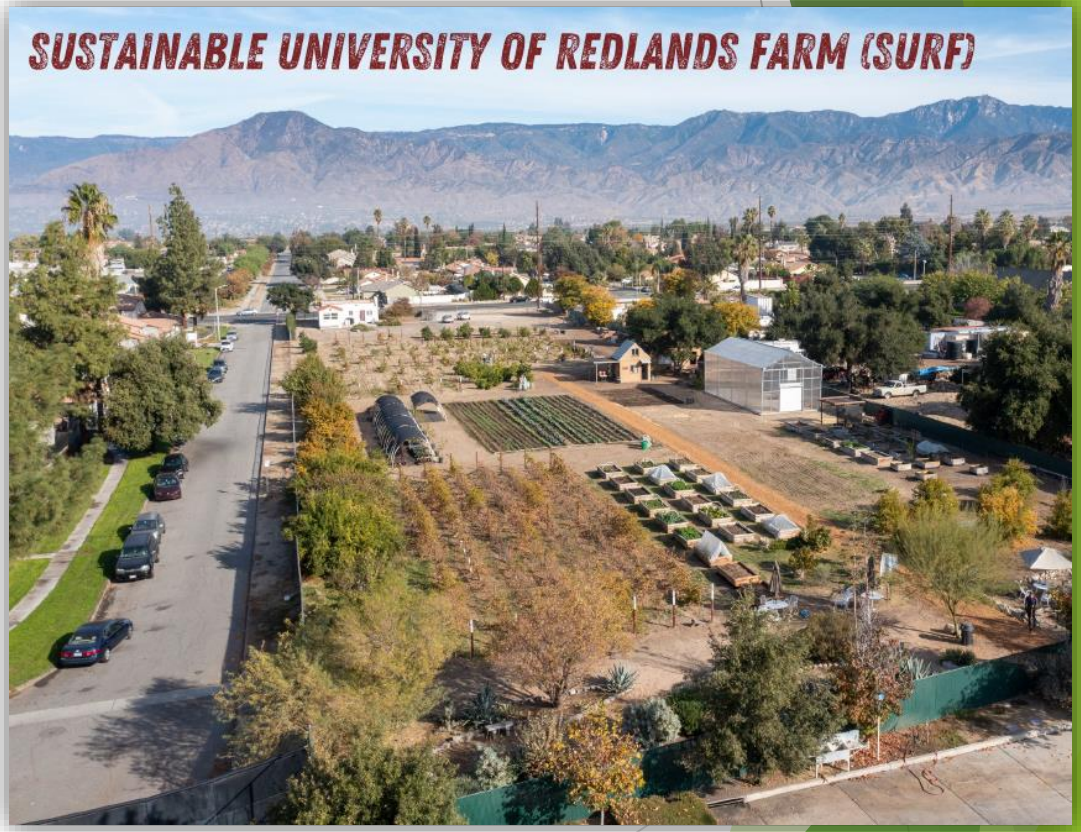
How we can strengthen our local food system

- Practical actions include, creating more neighborhood community gardens, encouraging backyard gardening (instead of in WWII where everyone had a Victory Garden, we could have Resilience Gardens!).
- Increasing support for local growers by supporting CSAs (neighbors could share), buying at Farmers Markets, etc.
- Encouraging composting at the neighborhood level.



Why CSL is invested in ANCA

- Great example of community engagement
- Aligns with the mission of Treestock and SURF
- We can provide resources such as faculty, facilities, programs and student support



"A City That Works"

City Council/Successor Agency Meeting **K. 1.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of a determination of exemption pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality Act Guidelines; and consideration of Urgency Ordinance No. 2928 establishing a temporary 45-day moratorium on certain new development projects for properties located within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan that are identified on the list of housing sites contained in the City's 2021-2029 Housing Element (6th Cycle Housing Element) (Development Services Director Desatnik)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

Mayor requests the City Clerk to read the title of Urgency Ordinance No. 2928:

> "I move to waive further reading of Urgency Ordinance No. 2928 and to adopt Urgency Ordinance No. 2928 and further find that the Urgency Ordinance is exempt pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality Act Guidelines."

RECOMMENDATION:

Staff recommends that City Council adopt Urgency Ordinance No. 2928 and find that the Urgency Ordinance is exempt pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality Act Guidelines.

DISCUSSION:

A) BACKGROUND

The City of Redlands has prepared and adopted the 2021-2029 Housing Element, which is part of the City's General Plan. The Housing Element is a required element of the General Plan that provides policies, programs, and actions to achieve the City's housing goals. The City's Housing Element must clearly demonstrate that the City of Redlands has sufficient land zoned to accommodate the required number of housing units for each income category identified in the Regional Housing Needs Assessment (RHNA). The City's Housing Element will cover an eight-year planning period from 2021 to 2029, and will perform the following functions:

- Analyze the City's demographics, economics, and housing supply;
- Analyze housing constraints and resources;
- Evaluate sites appropriate for potential housing; and
- Develop housing goals, objectives, polices, and programs.

Based on the number of future housing units allocated to the City under RHNA, the City must then plan accordingly to provide a sufficient amount of land zoned to accommodate the jurisdiction's allotment for the next eight-year period. The City's Housing Element Update project team has developed the list of RHNA inventory sites and created a Housing Sites Inventory Map (link here) that shows how the City can allocate the required number of RHNA units for each income category. The Housing Element requires certification by the California Department of Housing & Community Development (HCD).

For the planning period of 2021-2029 (current RHNA cycle), the Southern California Association of Governments (SCAG) has provided a total of 3,516 housing units as the City's RHNA allocation. In reviewing local Housing Elements for consideration and certification, HCD emphasized the realistic development potential of each RHNA site such as the zoning designation and surrounding uses.

Based on input received from the community outreach efforts during preparation of the Housing Element Update, the East Valley Corridor Specific Plan (EVCSP) area was identified as one of the most suitable areas for future housing development in the City, given the past developments of other housing projects in the same area within Redlands as well as in neighboring Loma Linda. The area of the EVCSP consists of 15 parcels (see Attachment A) and are located within the "Commercial Industrial (EV/IC) District" of the EVCSP. These properties are generally located south of Citrus Avenue (between New Jersey Street and Alabama Street) on the northerly side of Orange Avenue as shown in

The uses immediately surrounding these parcels include vacant lots and a storm water channel to the north (and commercial and industrial uses more than 200 feet to the north on the opposite side of the storm water channel), vacant lots and single-family residential neighborhoods to the west (within the City of Loma Linda), multifamily development (condominiums and apartments) to the southeast, light industrial uses to the east, and multifamily residential developments and a neighborhood shopping center with Stater Bros. to the south.

Most of the parcels identified on the Housing Sites Map (link here) are currently vacant, and six (6) are developed with citrus trees or a single-family residence. Some of the parcels that have a single-family residence also have a commercial component in the rear yards. All of the identified parcels are near schools, parks, grocery stores, health care services, and other neighborhood services.

A critical housing shortage has become a statewide and regional concern. California is currently experiencing a housing supply crisis, with housing demand exceeding supply. This lack of housing supply in California has resulted in dramatically increasing housing costs across the State and an increased risk that households will be unable to find available and affordable housing. As such, the City's ability to identify potential housing sites within the Industrial land use and/or zoning district(s) to be rezoned to residential development as a permitted land use and at a density sufficient to comply with State requirements and consistent with the City's adopted Housing Element is a matter of critical and immediate local concern. The City's ability to identify sufficient land area with appropriate zoning to accommodate new housing for all persons at all income levels and to help reduce the risk of housing displacement is a matter of public health, safety, and general welfare.

The sites that are subject to the proposed moratorium will assist the City in providing sufficient land to meet the City's required number and density of housing units as required by the State and to facilitate the development of sufficient local housing to alleviate the regional and statewide housing crisis. The sites identified will need to be rezoned for residential development as the primary use, and at a density sufficient to comply with State requirements for different household income categories. Furthermore, the Department of Housing & Community Development (HCD) can impose severe penalties on a local jurisdiction that fails to provide the appropriate zoning for the RHNA sites that would be used for housing development.

Therefore, staff is proposing a temporary moratorium on the limited number of industrial properties within the EV/IC District that are identified in the City's RHNA housing inventory, as shown on the list in the proposed Urgency Ordinance (see Attachment B). The exceptions are multi-family housing development in the Low and Very-Low Income density category (minimum 30

du/acre) and Moderate-Income density category (12 du/acre to 30 du/acre) at locations consistent with the 2021-2029 Housing Element.

Per Government Code Section 65858, the City Council may adopt as an Urgency Ordinance placing a moratorium on any uses that may be in conflict with a contemplated general plan, specific plan, or zoning proposal that the legislative body, planning commission, or the planning department is considering or studying or intends to study within a reasonable time.

B) ANALYSIS

Some of the potential housing sites are currently located within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan (see Attachment A), which is intended for a wide range of industrial and services related uses and prohibits the development of residential development. Some or all of the identified potential housing sites may need to undergo a zone change (and possibly Specific Plan Amendment in the case of the EVCSP) to permit future housing. Staff needs additional time to implement the Zone Change and possibly General Plan Amendment for the sites that have been identified as future housing sites.

To protect the City's ability to comply with State law and complete its new 2021-2029 Housing Element in accordance with HCD's requirements, and to facilitate the development of sufficient local housing to alleviate the regional and statewide housing crisis, City staff is proposing a temporary moratorium on certain developments in order to ensure that the sites identified are not developed with uses that would be incompatible with housing (such as industrial warehouses). To address these concerns, staff is proposing a moratorium on certain new development projects for properties located within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan that are identified on the list of housing sites pursuant to Government Code Section 65858. The moratorium may be extended up to an additional ten months and fifteen days (for a total period of up to two years) in accordance with Government Code Section 65858. The temporary moratorium will allow staff time to thoroughly study these sites.

<u>Proposed Moratorium</u>

The proposed moratorium will allow staff additional time for the following:

- Allow staff with additional time to re-zone properties from an Industrial zoning to a different (Residential) zoning designation to accommodate future housing.
- Examine if certain properties will need to change its land use designation under the General Plan to permit residential land uses (i.e., from Industrial to Residential for consistency with zoning as required by existing State law).

- Study the surrounding land uses and other characteristics of properties identified on the list of potential future housing sites.
- Study the process by which future housing projects (including lower-income housing, affordable housing, projects with a State density bonus, and/or market rate housing projects) may be subject to what level of discretionary review.

The moratorium, if adopted, will place an interim prohibition of land use approvals and/or buildings permit issuance for the properties identified in Exhibit A. Therefore, this moratorium is necessary to discourage commercial and/or industrial types of development in this area and to protect the sites identified as future housing sites.

Urgency Ordinance

Pursuant to California Government Code Section 65858, the Urgency Ordinance shall require a four-fifths (4/5) vote of the City Council for adoption, and would be valid for 45 days from the date of adoption (until July 22, 2022). Prior to the expiration date, the City Council may extend the Urgency Ordinance and will require a public notice and public hearing with a 4/5 vote for an additional extension of ten months and fourteen days (or a maximum period of two years, if necessary).

Environmental Review

Adoption of this Urgency Ordinance is exempt from environmental review in accordance with the California Environmental Quality Act (CEQA) pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) in that the proposal will not in a direct or reasonably foreseeable indirect physical change in the environment nor have a significant impact on the environment.

ALTERNATIVES:

The City Council can continue the proposal and direct staff to address any further issues.

STRATEGIC PLAN:

Priority A: Quality of Life. Ensure Redlands continues to be a vibrant community that honors its heritage and provides a broad range of opportunities to live, work and play. Strategic Objective 2, Economic Vitality: Implement policies and programs to expand the City’s affordable housing opportunities.

SUBMITTED BY:
Brian Desatnik, Development Services Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

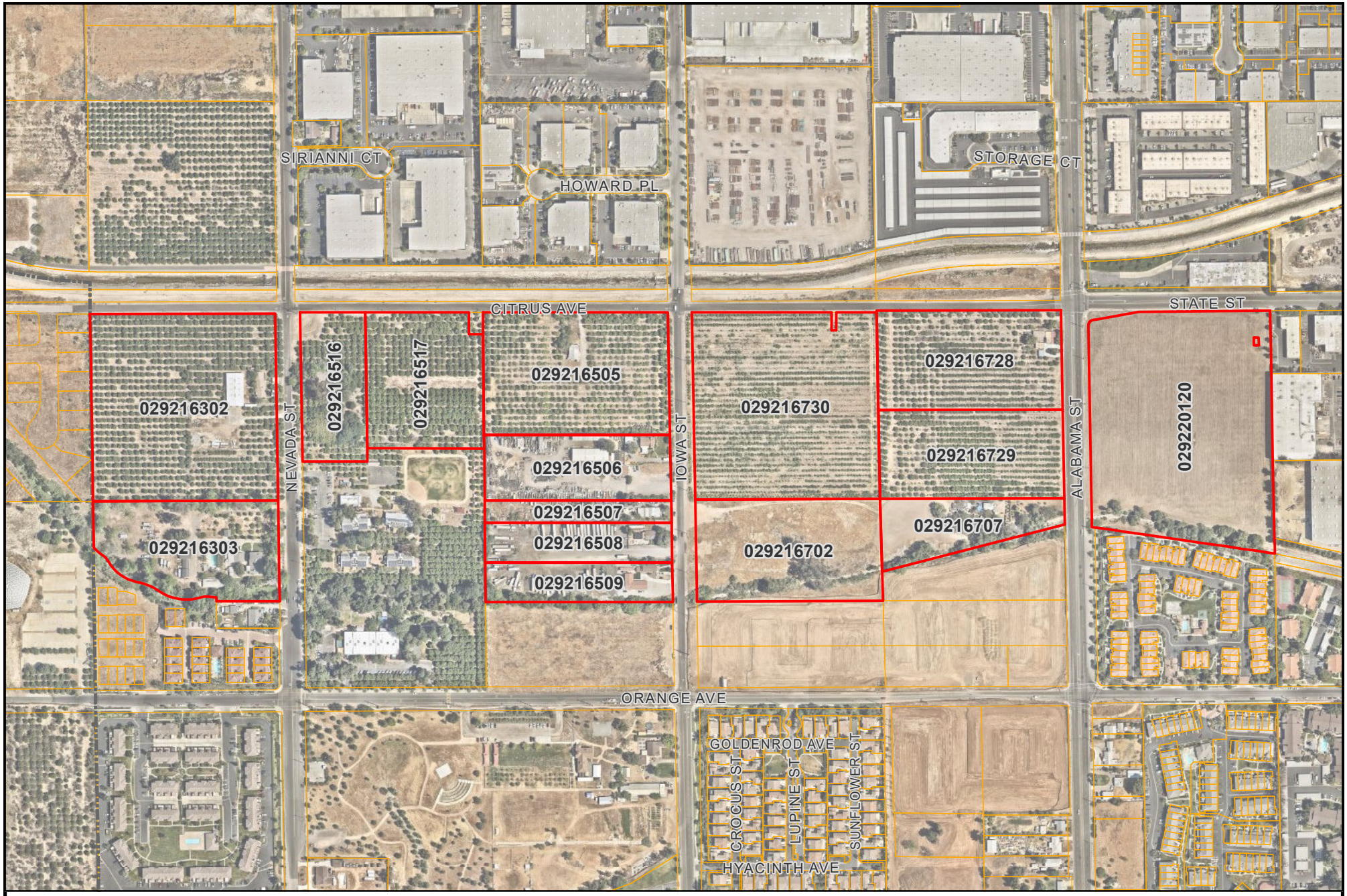
PREPARED BY:
Brian Foote, City Planner/Planning Manager

Fiscal Impact

Fiscal Year: 21-22
Appropriation Required Y/N: No
Discussion:
There is no fiscal impact related to this item.

Attachments

Attachment A: Location Map & Aerial Photo
Attachment B: Zone Map
Attachment C: Urgency Ordinance No. 2928



Rezone Parcels

Parcels

wo1747EVCSpecificPlan August 05, 2021

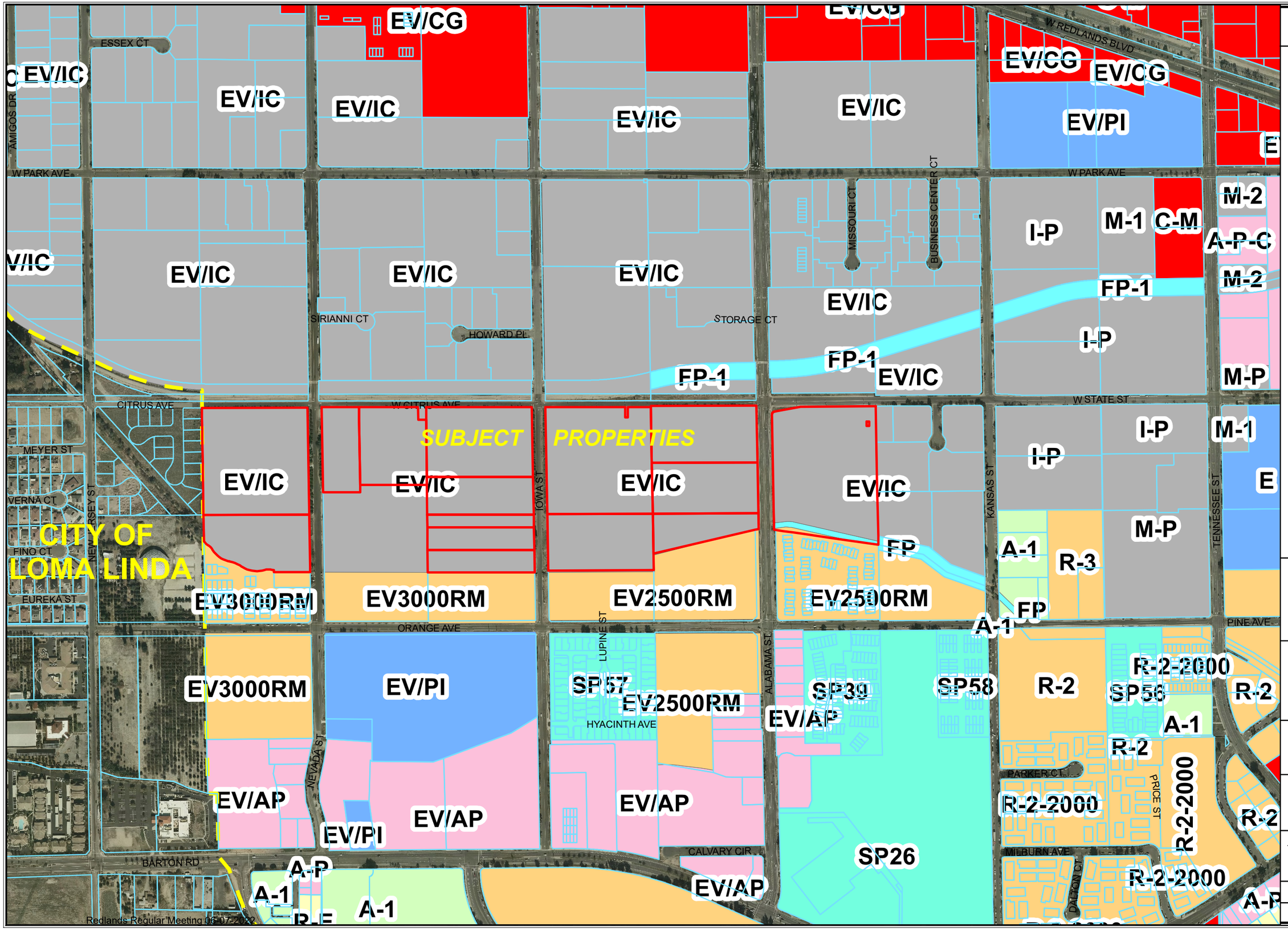
Exhibit A:

Parcels Subject to Interim Prohibition/Moratorium proposed with Ordinance No. 2928

City of REDLANDS

0 250 500 Feet

N



Zone Map

This map was produced by the City of Redlands, Geographic Information System.
The City of Redlands assumes no warranty or legal responsibility for the information contained on this map.
The data used to generate this map is dynamic in nature, therefore the information shown may or may not be the most current.

N
W E
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Scale
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Feet

City of Redlands
Department of Innovation & Technology
Geographic Information Systems

REDLANDS "A City That Works"

May 25, 2022

OneStop.mxd

URGENCY ORDINANCE NO. 2928

AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF REDLANDS PURSUANT TO GOVERNMENT CODE SECTION 65858 ADOPTING A TEMPORARY 45-DAY MORATORIUM ON CERTAIN NEW DEVELOPMENT PROJECTS FOR PROPERTIES LOCATED WITHIN THE COMMERCIAL INDUSTRIAL (EV/IC) DISTRICT OF THE EAST VALLEY CORRIDOR SPECIFIC PLAN THAT ARE IDENTIFIED ON THE LIST OF POTENTIAL HOUSING SITES PREPARED IN CONJUNCTION WITH THE CITY'S 2021-2029 HOUSING ELEMENT (6TH CYCLE HOUSING ELEMENT UPDATE).

THE CITY COUNCIL OF THE CITY OF REDLANDS DOES ORDAIN AS FOLLOWS:

Section 1. Purpose and Urgency Findings.

A. The City of Redlands has prepared and adopted an update to its Housing Element (a part of the City's General Plan) known as the 6th Cycle Housing Element Update. This is the statewide effort by many cities and counties as mandated by the California Department of Housing & Community Development (HCD). Through this statewide process, HCD, through regional agencies such as the Southern California Association of Governments, allocates a specified number of new housing units to each jurisdiction, and the jurisdiction must then plan accordingly and provide a sufficient amount of land zone properly to accommodate the jurisdiction's allotment. This process occurs during a Housing Element Update cycle every eight years. Furthermore, HCD specifies time limits within which a Housing Element Update cycle must be completed, and provides penalties for jurisdictions that do not complete their Housing Element Update within the State's deadlines.

B. The City of Redlands has prepared and adopted its Housing Element(6th Cycle Housing Element Update) and, in so doing, has prepared a housing inventory and map for future potential housing sites throughout the City with sufficient acreage to accommodate the City's required number and density of housing units (known as the Regional Housing Needs Assessment or "RHNA" number). Some of the identified potential housing sites are within an Industrial land use and/or zoning district(s) and will require rezoning to authorize residential development as a permitted land use and at a density sufficient to comply with State requirements.

C. A critical housing shortage is a statewide and regional concern. California is currently experiencing a housing supply crisis, with housing demand exceeding supply. This lack of housing supply in California has resulted in dramatically increasing housing costs across the State and an increased risk that households will be unable to find available and affordable housing. As such, the City's ability to identify potential local housing sites within the Industrial land use and/or zoning district(s) in the City to be rezoned to residential development as a permitted land use and at a density sufficient to comply with State requirements and consistent with the City's adopted Housing Element is a matter of critical and immediate local concern. The

City's ability to identify sufficient land area with appropriate zoning to accommodate new housing for all persons at all income levels is a matter of public health, safety, and general welfare.

D. To protect the City's ability to comply with State law and implement its 2021-2029 Housing Element in accordance with HCD content requirements as well as time limits, and in order to facilitate the development of sufficient local housing to alleviate the regional and statewide housing crisis, City staff needs time to re-zone certain properties from an Industrial zoning to a different (Residential) zoning designation to accommodate future housing, to study if certain properties will need to change its land use designation under the General Plan to permit residential land uses (i.e., from Industrial to Residential for consistency with zoning as required by existing State law), to study the surrounding land uses and other characteristics of properties identified on the list of future housing sites, and study the process by which future housing projects (including lower-income housing, affordable housing, projects with a State density bonus, and/or market rate housing projects) may be subject to discretionary review and at what level.

E. The City has the police power, pursuant to Article XI, section 7 of the California Constitution, to make and enforce ordinances to regulate the use of land within its jurisdictional boundaries, to the extent such regulations are not in conflict with the general laws of the State of California.

F. Government Code Section 65858 expressly authorizes the City Council, in order to protect public health, safety, and welfare, to adopt an interim urgency ordinance prohibiting a use that is in conflict with a contemplated general plan, specific plan, or zoning proposal that the legislative body, planning commission, or the planning department is considering or studying or intends to study within a reasonable time, provided that the urgency ordinance shall require a four-fifths (4/5) vote of the legislative body for adoption, and shall be of no further force and effect 45 days from its date of adoption, unless duly extended.

Section 2. Interim Prohibition.

A. In accordance with the authority granted to the City under Government Code Section 65858 and pursuant to the findings stated herein, for a period of forty-five (45) days from the date of adoption of this urgency ordinance, no land use approvals and building permits for new construction may be approved or issued on properties located within the Commercial Industrial (EV/IC) district of the East Valley Corridor Specific Plan identified in Exhibit A, except for multi-family housing developments in the Low and Very-Low Income density category (minimum density 30 du/ac) and Moderate-Income density category (density between 12 du/ac to 30 du/ac) at locations consistent with the City of Redlands 2021-2029 Housing Element.

B. Any projects which have received full entitlements, including all necessary CEQA approvals, for new construction on properties located within the Commercial Industrial (EV/IC) district of the East Valley Corridor Specific Plan identified in Exhibit A, except for multi-family housing developments in the Low and Very-Low Income density category (minimum density 30 du/ac) and Moderate-Income density category (density between 12 du/ac

to 30 du/ac), at locations consistent with the City of Redlands 2021-2029 Housing Element prior to the effective date of this urgency ordinance, and that have commenced substantial construction or incurred expenses in connection with such construction, and for which all applicable appeal periods have run, shall be considered exempt from application of this urgency ordinance.

C. Based on the findings set forth herein, no land use approval or building permit may be issued or approved for any new development including warehouse/distribution facilities or other commercial/industrial land uses on properties within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan that have been identified as housing sites to meet the requirements of the Regional Housing Needs Assessment (2021-2029 Housing Element) for the effective period of this urgency ordinance.

Section 3. Urgency Findings.

A. Based on the findings herein, this urgency ordinance is adopted pursuant to California Government Code section 65858 to address a current and ongoing threat to the public health, safety, and welfare. There is a critical housing shortage regionally and statewide with the demand for housing exceeding supply. This lack of housing supply in California has resulted in dramatically increasing housing costs across the State and makes difficult the ability of households to find available and affordable housing. As such, it is of critical importance that the City take the necessary actions to rezone Industrial land use and/or zoning district(s) in the City for residential development as a permitted land use and at a density sufficient to facilitate the development of local housing to alleviate the regional and statewide housing crisis and comply with State requirements and the City's adopted Housing Element.

B. For these reasons, the City Council has determined that granting land use approvals or building permits for new commercial or industrial developments including warehouse/distribution facilities on properties within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan in the City of Redlands that have been identified on the list of housing sites to meet the requirements of the Regional Housing Needs Assessment (in conjunction with the 6th Cycle Housing Element to update the City's mandatory Housing Element of the General Plan) would result in a threat to the public health, safety, and welfare.

Section 4. Written Report. Pursuant to Government Code Section 65858, staff must prepare for consideration and issuance by the City Council a written report describing measures taken to address the condition which led to the adoption of this urgency ordinance. The report will be provided to the City Council so that it may be considered and issued no later than ten (10) days prior to the expiration of this urgency ordinance.

Section 5. Effective Period. In accordance with California Government Code section 65858, this ordinance shall be in full force and effect for a period of forty-five (45) days from the date of its adoption. This period may be extended by the City Council in accordance with the provisions of California Government Code section 65858.

Section 6. Conflicting Laws.For the term of this urgency ordinance, as set forth in Section 5 above, the provisions of this urgency ordinance shall govern over any conflicting provisions of any other City code, ordinance, resolution, or policy.

Section 7. California Environmental Quality Act. The City Council has reviewed the matter, and based upon facts and information contained in the staff report, administrative record, written and oral testimony, hereby finds as follows:

A. Pursuant to Section 15378(b)(5) of the California Environmental Quality Act (CEQA), this urgency ordinance is an organizational or administrative activity of the City that will not result in direct or indirect physical changes in the environment, and therefore not a project. Additionally, pursuant to CEQA Guidelines Section 15061(b)(3), this urgency ordinance is exempt from CEQA review because there is no possibility that the moratorium may have a significant effect on the environment, insofar as it prohibits granting land use approvals or building permits for new commercial or industrial developments including warehouse/distribution facilities on properties within the Commercial Industrial (EV/IC) District of the East Valley Corridor Specific Plan. Furthermore, even if the urgency ordinance is considered a project, the proposed moratorium is categorically exempt under CEQA Guidelines Section 15308, because it is clear that the moratorium will not create an environmental impact.

B. Further, as the urgency ordinance is an administrative procedure related to uses, facilities, and regulations, and given that the proposed urgency ordinance is not related to a specific project, the urgency ordinance (i) by virtue of the location of affected improvements, will not impact a sensitive environmental resource of hazardous or critical concern; (ii) will not have a cumulative impact on the environment through successive projects of the same type, in the same place, over time; (iii) does not have any unusual circumstances that will have a significant effect on the environment; (iv) does not impact a scenic highway; (v) is not located on a hazardous waste site; and (vi) will not adversely impact a historical resource. Accordingly, none of the exceptions to categorical exemptions set forth in the CEQA Guidelines, Section 15300.2, apply to this urgency ordinance.

Section 10. Enforcement. The City may enforce any provision of this urgency ordinance by mandamus, injunction, or any other appropriate civil remedy in any court of competent jurisdiction.

Section 9. Urgency Ordinance. This ordinance is an urgency ordinance pursuant to the Government Code Section 65858, and shall take effect and be enforced immediately upon adoption by four-fifths (4/5) vote of the City Council.

Section 8. Severability. If any provision of this urgency ordinance or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of the urgency ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this urgency ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof. By enacting this urgency ordinance, the City ordains that nothing herein shall be deemed to conflict with or duplicate federal or state law, or otherwise or to license any activity that is prohibited thereunder except as mandated by such laws.

Section __11. Publication and Posting. The Mayor shall sign this urgency ordinance and the City Clerk shall certify to the adoption of this urgency ordinance and shall cause it, or a summary of it, to be published once in the Redlands Daily Facts, a newspaper of general circulation within the City, and thereafter, this ordinance shall take effect in accordance with law.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certify that the foregoing urgency ordinance was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022.

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

EXHIBIT “A”

List and Map of Subject Properties

[Attached]

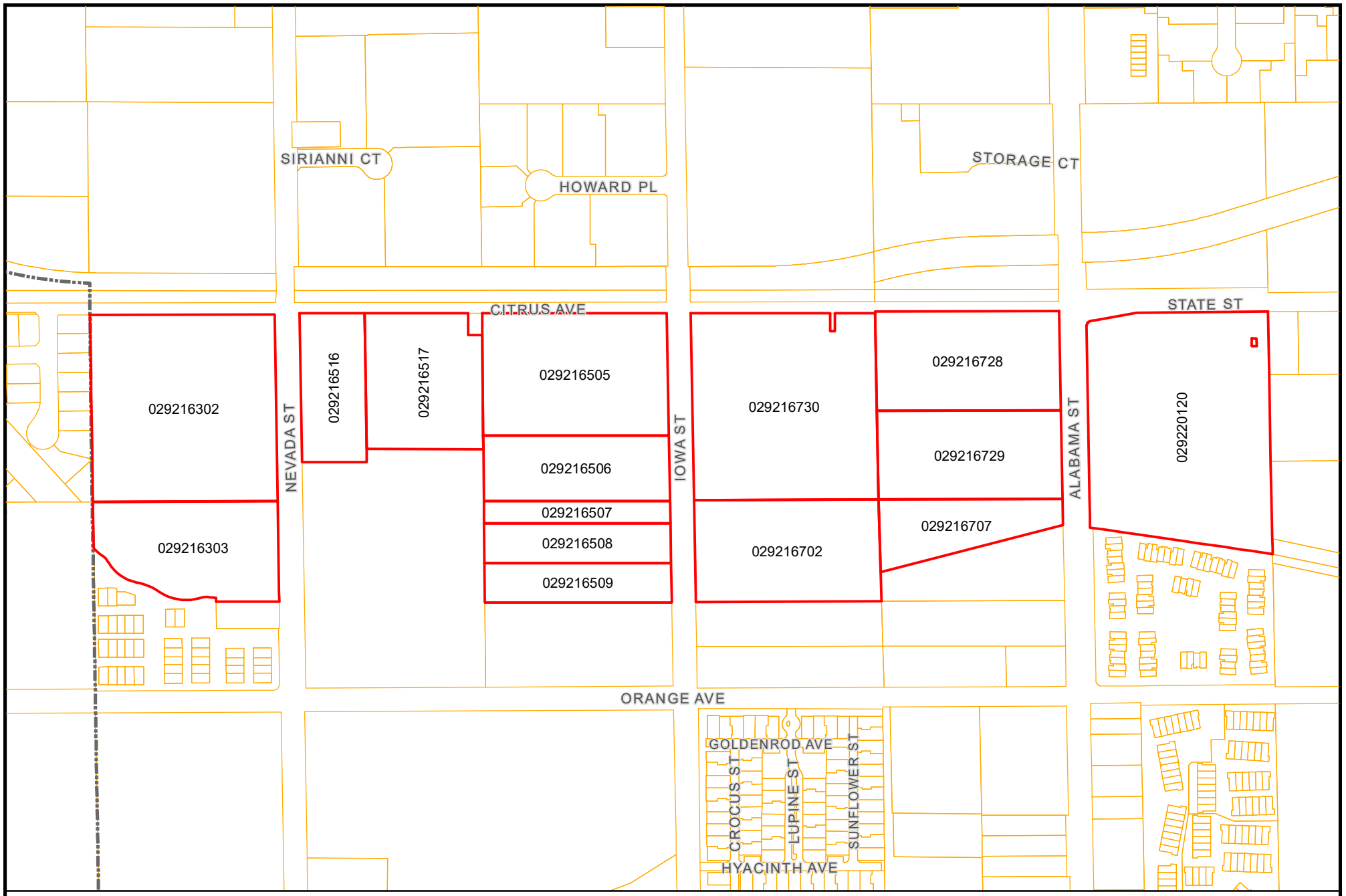


Exhibit A:

Parcels Subject to Interim Prohibition/Moratorium pursuant to City Council Ordinance No. 2928

"A City That Works"

City Council/Successor Agency Meeting **K. 2.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of a determination of exemption pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality Act Guidelines; and consideration of Urgency Ordinance No. 2934 establishing a temporary 45-day moratorium on new warehouses and distribution facility development projects within the City of Redlands (Development Services Director Desatnik)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

> Mayor requests the City Clerk to read the title of Urgency Ordinance No. 2934.
>
> "I move to waive further reading of Urgency Ordinance No. 2934 and to adopt Ugency Ordinance No. 2934 and further find that the Urgency Ordinance is exempt pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality."

RECOMMENDATION:

Staff recommends that City Council adopt Urgency Ordinance No. 2934 and find that the Urgency Ordinance is exempt pursuant to Sections 15378(b)(5), 15308 and 15061(b)(3) of the California Environmental Quality.

BACKGROUND:

On February 22, 2022, the Planning Commission discussed the status of recent new development projects for warehouses and distribution facilities, and also reviewed the housing sites inventory list contained in the new 2021-2029 Housing Element. Commissioners cited concerns about the volume of large

trucks and traffic impacts, greenhouse gas emissions and air quality impacts, on-street parking by trucks, and potential impacts to sensitive uses such as nearby residential areas. The Commission voted unanimously to recommend that the City Council consider adopting a temporary moratorium on new warehouses and distribution facilities so that staff could study the land use and environmental impact issues in greater depth and develop potential long-term policies and solutions.

DISCUSSION:

The rapid expansion of e-commerce and consumer spending in recent years has driven demand for more warehouses, logistics facilities, and distribution facilities (referred to collectively as “warehouses”) in the Inland Empire region, including Redlands and surrounding communities. Such facilities typically include uses and activities such as freight receiving, sorting, handling, storing, warehousing, keeping inventory, freight forwarding, distribution to wholesalers and retailers, and “last mile” delivery services direct to consumers. The types of merchandise are varied and often include finished products ready for retail delivery (e.g., consumer products, goods, wares, consumables, etc.), materials or textiles, components or parts used for manufacturing or assembly of finished products, and similar items at various stages of the production process. Other merchandise or materials are simply transiting through the region, from receiving and off-loading at the ports, to their ultimate destinations to the rest of the nation. Some of the largest local warehouses, many exceeding one million square-feet in size, are operated or otherwise associated with online retailers (e.g., Amazon, Walmart, and others) and also generate hundreds or thousands of daily vehicle trips by independent contractors using their personal or company vehicles for “last mile” direct delivery to consumers. Large warehouses often operate 24 hours daily, generate large amounts of truck trips at all hours (for maximum efficiency), and increasingly are also generating large amounts of other vehicle trips (such as personal vehicles or company vans for delivering direct to consumers).

Over the past five years, several new development projects for large warehouses and distribution facilities have been approved and constructed within the East Valley Corridor Specific Plan area (see Attachment A-1), as well as several warehouse/distribution facilities in the County unincorporated area known as the “donut hole” generally located north of Interstate 10 to the Santa Ana River and west of Interstate 210 to the City’s boundary along Mountain View Avenue (see Attachment A-2). As individual development projects, each proposal previously underwent environmental review in compliance with the California Environmental Quality Act.

Large warehouse and distribution facilities (over 25,000 square feet in gross floor area) can generate unique environmental impacts on surrounding properties and the larger community including hundreds or thousands of trips by large trucks

(including tractor-trailers) at all hours throughout the day and night, greenhouse gas emissions and air quality impacts associated with vehicle trips, noise impacts from on-site operations and off-site truck trips on City streets, and other potential impacts upon sensitive receptors such as residences, schools, daycare centers, and such other locations.

Large trucks travel on most major corridors in the City of Redlands, some of which are designated Truck Routes while others are not designated truck routes, to reach their destinations within and around Redlands. The many warehouse facilities in the unincorporated “donut hole” area is a good example of this traffic pattern; those trucks have no other routes to access the “donut hole” area other than to utilize the freeway ramps within the City of Redlands and then use some segment of Redlands’ roadways before entering the unincorporated area. The locations of five (5) freeway on/off ramps in Redlands (a total of 10 signalized intersections) that provide access to the “donut hole” area necessitate the trucks transiting on Redlands’ streets even though they may not have their ultimate destinations in Redlands. These large trucks create unique and challenging traffic issues because of their size, sheer volume of trips (which continues to increase), and increasing frequency of transiting through Redlands at all hours of the day and night. Related impacts include:

- Traffic congestion and reduced level of service on City streets and at intersections;
- Partial or complete obstructions to intersection operations, traffic flow, and access by emergency vehicles responding to emergency calls;
- Increased safety risk for smaller vehicles, bicyclists, and pedestrians; and,
- Weight of trucks and damage to City streets and facilities (traffic signal equipment, street lights, traffic control signs, curbs, medians, trees, etc.).

Several chapters of Title 18 (Zoning Regulations) of the Redlands Municipal Code contain the regulations and development standards for commercial and industrial districts, most of which have not been updated in many years, and some do not appear to have been updated since original adoption in 1955. Therefore, the continued and unabated construction of new warehouse/distribution facilities may pose an immediate threat to the public health, safety, and welfare. This Urgency Ordinance is proposed so that the City Council has time to study whether the City’s zoning code’s provisions give the City sufficient tools and standards to address the land use conflicts and related issues that could be created by further approvals of large warehouse/distribution facilities in 2022 and moving forward, or whether changes to the zoning regulations are required in order to address the above-identified public health, safety, and welfare impacts.

Purpose of Moratorium

To avoid or reduce the aforementioned adverse impacts and threats to the public health, safety, and welfare, the City Council may consider adopting, by Urgency Ordinance, a temporary moratorium on land use approvals and building permits for new warehouses and distribution facilities. This will allow the City sufficient time to study the land use and environmental impacts of such development projects, as well as allow for a deliberate approach to study and develop appropriate policies, development standards, and effective conditions of approval to mitigate the public health, safety, and welfare effects of large warehouses and distribution facilities.

The list below identifies examples of the tasks that City staff will undertake during the moratorium:

A. Evaluate the operating characteristics of different types and sizes of warehouses and distribution facilities to better understand land use impacts, and develop appropriate policies, development standards, and/or operating conditions that can alleviate land use conflicts or impacts.
B. Evaluate the City's existing zoning districts that permit warehouse and distribution facilities, identify the proximity to existing sensitive receptors and residential zones, and identify appropriate development standards and/or operating conditions for warehouse/distribution facilities to buffer nearby different land uses (such as screening or landscaping, hours of operation, air quality mitigations or design features, intensity of use, number of large truck trips per day, designated routes for large trucks, etc.).
C. Evaluate the City's designated Truck Routes, and examine whether existing truck routes must be modified or improved to accommodate the volume and frequency of large truck trips (including roadway segments, intersections, traffic signals and signage, etc.), and ensure the best protection of the abutting or nearby residential neighborhoods and educational land uses.
D. Evaluate the locations of existing points of origin and destination for large trucks, develop land use recommendations and preferences for locating large warehouses and distribution facilities, and examine the need for any changes to land use designations or zoning designations.

Effects of Moratorium

The zoning districts and other Specific Plan areas that would be subject to this moratorium include the following (click here for interactive Zone Map online):

- Commercial Industrial (C-M) District;
- Industrial (I-P) District;
- Light Industrial (M-1) District;

- General Industrial (M-2) District;
- East Valley Corridor Specific Plan (all districts);
- Downtown Specific Plan (all districts);
- Specific Plan No. 25 (all districts);
- Concept Plan No. 1; and,
- Concept Plan No. 2.

There are currently three (3) Development Applications that have been submitted to the City for new large warehouse and distribution facilities that might possibly be affected if the proposed moratorium is adopted, as listed below.

1. Planned Development No. 5 (submitted 7/27/2021): a proposal to construct a 353,224 square-foot high-cube logistics building on 16 acres located at 1101 California Street (abutting the Interstate 10 freeway) in the East Valley Corridor Specific Plan.
2. Commission Review & Approval no. 938 (submitted 10/26/2021): a proposal to construct a 185,100 square-foot warehouse/distribution facility on 9.4 acres located at 350 Iowa Street in the Commercial Industrial (EV/IC) district of the East Valley Corridor Specific Plan.
3. Commission Review & Approval no. 974 (submitted 5/20/2021): a proposal to construct a 346,069 square-foot warehouse/distribution facility on 16 acres on the 1600 block of Sessums Drive (south of Redlands Municipal Airport) in the Industrial (I-P) district.

Pursuant to the Urgency Ordinance, only projects which have received full entitlements, including all necessary CEQA approvals, for warehouse or distribution facility projects and have commenced substantial construction or incurred expenses in connection with such construction prior to the effective date of this Urgency Ordinance, and for which all applicable appeal periods have run, shall be considered exempt from application of this Urgency Ordinance.

Environmental Review

The adoption of this Urgency Ordinance is exempt from environmental review under the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15378(b)(5), 15308, and/or 15061(b)(3), in that the proposal will not in a direct or reasonably foreseeable indirect physical change in the environment nor have a significant impact on the environment.

ALTERNATIVES:

The City Council can continue the proposal and direct staff to address any further issues.

STRATEGIC PLAN:

Priority B: Public Health and Safety. Enhance services and programs so that all community members are safe, sheltered, and have access to Redlands' core services.

SUBMITTED BY:
Brian Desatnik, Development Services Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

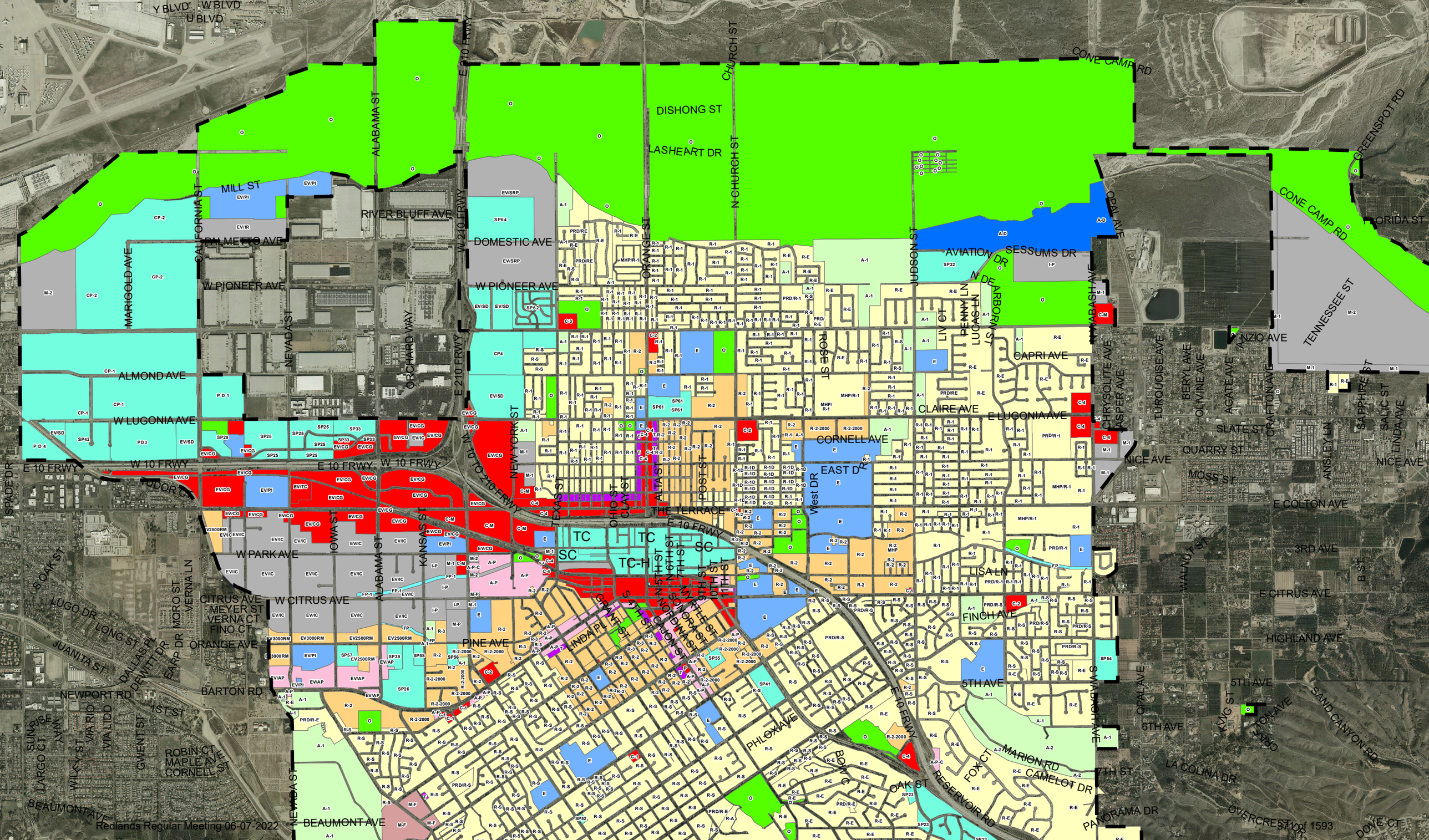
PREPARED BY:
Brian Foote, City Planner/Planning Manager

Fiscal Impact

Fiscal Year: 21-22
Appropriation Required Y/N: No
Discussion:
There is no fiscal impact associated with this item.

Attachments

Attachment A-1: Zone Map
Attachment A-2: Zone Map (donut hole area)
Attachment B: Urgency Ordinance No. 2934


Y BLVD
W BLVD
U BLVD
E 210 FRWY
ALABAMA ST
CHURCH ST
CONE CAMP RD
DISHONG ST
LASHEART DR
N CHURCH ST
GREENSPOT RD
FLORIDA ST
MILL ST
CALIFORNIA ST
RIVER BLUFF AVE
PALMETTO AVE
DOMESTIC AVE
W PIONEER AVE
MARIGOLD AVE
NEVADA ST
ORCHARD WAY
ORANGE ST
JUDSON ST
AVIATION DR
SESSUMS DR
OPAL AVE
N DEARBORN ST
WABASH AVE
PENNY LN
LUCAS LN
LIV CT
ROSE ST
CAPRI AVE
CLAIRE AVE
E LUGONIA AVE
CORNELL AVE
ALMOND AVE
W LUGONIA AVE
NEW YORK ST
W 10 TO 210 FRWY
W 10 FRWY
E 10 FRWY
TEXAS ST
OHIO ST
CA ST
ALTA ST
POST ST
West DR
EAST DR
THE TERRACE
TUDOR CT
SPADE DR
IOWA ST
KANSAS ST
ALABAMA ST
W PARK AVE
VERNA LN
S OAK ST
LUGO DR
LONG ST
DALLAS PL
DEWITT DR
EARP DR
MORO ST
CITRUS AVE
MEYER ST
VERNA CT
FINO CT
W CITRUS AVE
ORANGE AVE
JUANITA ST
NEWPORT RD
BARTON RD
1ST ST
SUNRISE
WAY
LARGO CT
WILEY ST
VIARIO
VIA LIDO
GWEN ST
ROBIN CT
MAPLE AVE
CORNELL ST
BEAUMONT AVE
N 5TH ST
N 6TH ST
7TH ST
8TH ST
10TH ST
11TH ST
GRANT ST
LINDA PL
S 4TH ST
S 5TH ST
S 6TH ST
S 7TH ST
S 8TH ST
S 9TH ST
S 10TH ST
S 11TH ST
PINE AVE
PHLOX AVE
BOWEN ST
OAK ST
RESERVOIR RD
FOX CT
MARION RD
CAMELOT DR
PANORAMA DR
LA COLINA DR
SWARTHMORE AVE
SAND CANYON RD
5TH AVE
6TH AVE
FINCH AVE
HIGHLAND AVE
E CITRUS AVE
E COLTON AVE
3RD AVE
B ST
WALNUT ST
LISA LN
NICE AVE
QUARRY ST
MOSS ST
SLATE ST
CHRYSOLITE AVE
JASPER AVE
TURQUOISE AVE
BERYL AVE
OLIVINE AVE
AGATE AVE
CRATON AVE
ANZIO AVE
TENNESSEE ST
SAPPHIRE ST
SALIC ST
LINDA AVE
ANSLEY LN
TC
TC-H
SC
SC
TC
CONE CAMP RD

URGENCY ORDINANCE NO. 2934

AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF REDLANDS PURSUANT TO GOVERNMENT CODE SECTION 65858 ADOPTING A TEMPORARY 45-DAY MORATORIUM ON NEW WAREHOUSE AND DISTRIBUTION FACILITY DEVELOPMENT PROJECTS FOR PROPERTIES LOCATED WITHIN THE COMMERCIAL AND INDUSTRIAL ZONING DISTRICTS (TITLE 18 OF THE REDLANDS MUNICIPAL CODE) AND THE COMMERCIAL AND INDUSTRIAL DISTRICTS OF SPECIFIC PLAN AREAS IN THE CITY OF REDLANDS.

THE CITY COUNCIL OF THE CITY OF REDLANDS DOES ORDAIN AS FOLLOWS:

Section 1. Purpose and Urgency Findings. In accordance with California Government Code section 65858, and in order to protect the public health, safety, and welfare, the City Council of the City of Redlands finds as follows:

A. The City of Redlands ("City") is currently experiencing rapid and unabated construction of industrial development projects, specifically large warehouse and distribution facilities, some of which are proposed to be located near residential neighborhoods, as well as near numerous other properties that are now included in the City's 2021-2029 Housing Element that have been identified to accommodate the City's share of the Regional Housing Needs Assessment ("RHNA"). Large warehouse and distribution facilities can generate unique environmental impacts on surrounding properties and the larger community, including hundreds or thousands of trips by large trucks (including tractor-trailers) at all hours throughout the day and night, greenhouse gas emissions and air quality impacts associated with vehicle trips, noise impacts from on-site operations and off-site tractor-trailer trips on City streets, and other potential effects upon sensitive receptors such as residences, schools, daycare centers, and such other locations.

B. The City has the police power, pursuant to Article XI, section 7 of the California Constitution, to make and enforce ordinances to regulate the use of land within its jurisdictional boundaries, to the extent such regulations are not in conflict with the general laws of the State of California.

C. Government Code Section 65858 expressly authorizes the City Council, in order to protect public health, safety, and welfare, to adopt an interim urgency ordinance prohibiting a use that is in conflict with a contemplated general plan, specific plan, or zoning proposal that the legislative body, planning commission, or the planning department is considering or studying or intends to study within a reasonable time, provided that the urgency ordinance shall require a four-fifths (4/5) vote of the legislative body for adoption, and shall be of no further force and effect 45 days from its date of adoption, unless duly extended.

D. In light of the recent and rapid expansion of e-commerce and associated industrial

development projects, including large warehouse and distribution facilities, the City Council finds that the following adverse public safety, health, and welfare impacts are of real concern:

i. Increased safety risk for smaller vehicles, pedestrians, and bicyclists;
ii. Damage to City streets and property/facilities from collisions (reported and unreported), such as street lights, traffic signal equipment, signs, trees, curbs, medians, etc.;
iii. Traffic congestion and reduced levels of service on streets and at intersections;
iv. Increased impacts from improperly over-loaded trucks;
v. Deterioration in air quality, health, noise, vibration and increase in other disruptions to the peace and quiet necessary to the enjoyment of residential neighborhoods and efficacy of educational uses; and

E. Because of the actual and potential detrimental impacts of warehouse and distribution uses upon the City, which impacts may not be presently adequately addressed by the City's current ordinances and zoning regulations, there is a need to impose a temporary moratorium on warehouse and distribution uses in order to study and develop policy guidance and potentially implement changes to the City's zoning regulations.

F. Adoption of this urgency ordinance establishing an interim prohibition/ moratorium on land use approvals and building permits for new construction of warehouses and distribution facilities will allow the City sufficient time to study the land use and environmental impacts of such development projects, as well as allow for a deliberate approach to study and develop appropriate policies, development standards, and effective conditions of approval to mitigate the impacts of large warehouses and distribution facilities. The list below identifies some of the tasks that City staff will undertake during the moratorium:

i. Evaluate the operating characteristics of different types and sizes of warehouses and distribution facilities to better understand land use impacts, and develop appropriate policies, development standards, and/or operating conditions that can alleviate land use conflicts or impacts.
ii. Evaluate the City's existing zoning districts that permit warehouse and distribution facilities, identify the proximity to existing sensitive receptors and residential zones, and identify appropriate development standards and/or operating conditions for warehouse/distribution facilities to buffer adjacent land uses (such as screening or landscaping, hours of operation, air quality mitigations or design features, intensity of use, number of large truck trips per day, designated routes for large trucks, etc.).
iii. Evaluate the City's designated Truck Routes, and examine whether existing truck routes must be modified or improved to accommodate the volume and frequency of large truck trips (including roadway segments, intersections, traffic signals and signage, etc.), and ensure the best protection of the abutting or nearby residential neighborhoods and educational land uses.
iv. Evaluate the locations of existing points of origin and destination for large trucks, develop land use recommendations and preferences for locating large warehouses and distribution facilities, and examine the need for any changes to land use

designations or zoning designations.

G. Accordingly, the City desires to establish, on an urgency basis, a temporary moratorium on certain types of new warehouse and distribution facility development projects within certain areas of the City through the adoption of this urgency ordinance, to further the purposes stated herein.

Section 2. Moratorium.

A. Based on the findings set forth herein for the immediate preservation of the public health, safety, and welfare, no land use approval or building permit may be issued for any new development projects for warehouse/distribution facilities that exceed 25,000 square feet of gross floor area and are situated on properties within the zoning districts and specific plan areas listed below for the effective period of this urgency ordinance; excepting therefrom any permits for additions, tenant improvements, repairs, maintenance, signs, and the like on existing permitted uses. Title 18 zoning districts and other Specific Plan areas subject to this moratorium shall include: Commercial Industrial (C-M) District; Industrial (I-P) District; Light Industrial (M-1) District; General Industrial (M-2) District; East Valley Corridor Specific Plan (all districts); Downtown Specific Plan (all districts); Specific Plan No. 25 (all districts); Concept Plan No. 1; Concept Plan No. 2; and excluding the fifteen properties identified as Assessor's Parcel Numbers 0292-163-02-0000, 0292-163-03-0000, 0292-165-05-0000, 0292-165-06-0000, 0292-165-07-0000, 0292-165-08-0000, 0292-165-09-0000, 0292-165-16-0000, 0292-165-17-0000, 0292-167-02-0000, 0292-167-07-0000, 0292-167-28-0000, 0292-167-29-0000, 0292-167-30-0000, and 0292-201-20-0000 as listed in Exhibit "A" attached hereto.

B. Any projects which have received full entitlements, including all necessary CEQA approvals, for warehouse or distribution facility projects and have commenced substantial construction or incurred expenses in connection with such construction prior to the effective date of this urgency ordinance, and for which all applicable appeal periods have run, shall be considered exempt from application of this urgency ordinance.

Section 3. Immediate threat to health, safety, and welfare. Based on the findings herein, this urgency ordinance is adopted pursuant to California Government Code section 65858 to address a current and ongoing threat to the public health, safety, and welfare. The City Council has determined that granting land use approvals or building permits for new development projects for warehouse or distribution facilities on properties that exceed the above-described square footage and are located within the above-described zoning districts and specific plan areas could result in an immediate threat to the public health, safety, and welfare.

Section 4. Written Report. Pursuant to Government Code Section 65858, staff must prepare for consideration and issuance by the City Council a written report describing measures taken to address the condition which led to the adoption of this urgency ordinance. The report will be provided to the City Council so that it may be considered and issued no later than ten (10) days prior to the expiration of this urgency ordinance.

Section 5. Effective Period. In accordance with California Government Code section 65858, this urgency ordinance shall be in full force and effect for a period of forty-five (45) days from the date of its adoption. This period may be extended by the City Council in accordance with the provisions of California Government Code section 65858.

Section 6. Conflicting Laws. For the term of this urgency ordinance, as set forth in Section 5 above, the provisions of this urgency ordinance shall govern over any conflicting provisions of any other City code, ordinance, resolution, or policy.

Section 7. Exempt from Environmental Review. The City Council has reviewed the matter and, based upon the facts and information contained in the staff report, administrative record, and written and oral testimony, hereby finds as follows:

A. Pursuant to Section 15378(b)(5) of the California Environmental Quality Act ("CEQA"), this urgency ordinance is an organizational or administrative activity of the City that will not result in direct or indirect physical changes in the environment, and therefore not a project. Additionally, pursuant to CEQA Guidelines Section 15061(b)(3), this urgency ordinance is exempt from CEQA review because there is no possibility that the moratorium may have a significant effect on the environment, insofar as it prohibits the construction of certain warehouse and distribution facilities within the City. Furthermore, even if the urgency ordinance is considered a project, the proposed moratorium is categorically exempt under CEQA Guidelines Section 15308, because it is clear that the moratorium will not create an environmental impact and the action will assure the maintenance, enhancement, or protection of the environment through the eventual adoption of regulations and development standards on such warehouse and distribution facilities. Accordingly, no further environmental review is necessary.

B. Further, as the urgency ordinance is an administrative procedure related to uses, facilities, and regulations, and given that the proposed urgency ordinance is not related to a specific project, the urgency ordinance (i) by virtue of the location of affected improvements, will not impact a sensitive environmental resource of hazardous or critical concern; (ii) will not have a cumulative impact on the environment through successive projects of the same type, in the same place, over time; (iii) does not have any unusual circumstances that will have a significant effect on the environment; (iv) does not impact a scenic highway; (v) is not located on a hazardous waste site; and (vi) will not adversely impact a historical resource. Accordingly, none of the exceptions to categorical exemptions set forth in the CEQA Guidelines, Section 15300.2, apply to this urgency ordinance.

Section 8. Enforcement. The City may enforce any provision of this urgency ordinance by mandamus, injunction, or any other appropriate civil remedy in any court of competent jurisdiction.

Section 9. Urgency Ordinance. This ordinance is an urgency ordinance and shall take effect and be enforced immediately upon adoption by a four-fifths (4/5) vote of the City Council.

Section 10. Severability. If any provision of this urgency ordinance or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect other

provisions or applications of the urgency ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this urgency ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof. By enacting this urgency ordinance, the City ordains that nothing herein shall be deemed to conflict with or duplicate federal or state law, or otherwise or to license any activity that is prohibited thereunder except as mandated by such laws.

Section 11. Publication and Posting. The Mayor shall sign this urgency ordinance and the City Clerk shall certify to the adoption of this urgency ordinance and shall cause it, or a summary of it, to be published once in the Redlands Daily Facts, a newspaper of general circulation within the City, and thereafter, this ordinance shall take effect in accordance with law.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certify that the foregoing urgency ordinance was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022.

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

EXHIBIT “A”

List and Map of Properties Excluded from this Urgency Ordinance

Assessor’s Parcel Numbers:

0292-163-02-0000

0292-163-03-0000

0292-165-05-0000

0292-165-06-0000

0292-165-07-0000

0292-165-08-0000

0292-165-09-0000

0292-165-16-0000

0292-165-17-0000

0292-167-02-0000

0292-167-07-0000

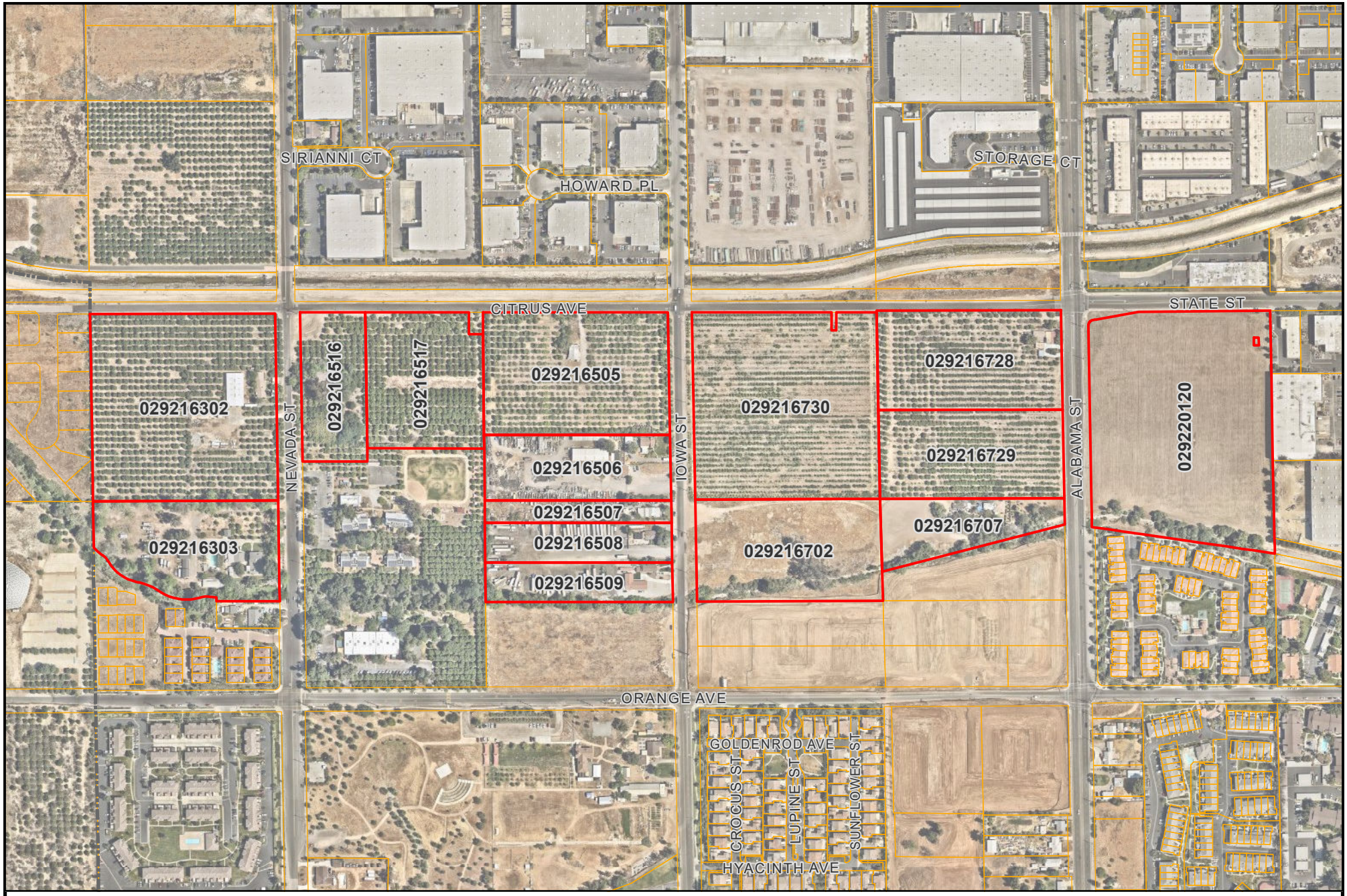
0292-167-28-0000

0292-167-29-0000

0292-167-30-0000

0292-201-20-0000

[Map Attached]



Rezone Parcels

Parcels

May 25, 2022

Exhibit B:

Parcels Exempt From Interim Prohibition/Moratorium on New Warehouses and Distribution Facilities

City of REDLANDS

0 250 500 Feet

"A City That Works"

City Council/Successor Agency Meeting **K. 3.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of the City Manager's Proposed Two-Year Budget for Fiscal Years 2022-2023 and 2023-2024 (City Manager Duggan and Management Services / Finance Director Garcia)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion(s) is (are) provided:

I move to adopt the City Manager's Proposed Two-Year Budget for Fiscal Years 2022-2023 and 2023-2024.

-OR-

I move to continue the consideration of the City Manager's Proposed Two-Year Budget for Fiscal Years 2022-2023 and 2023-2024 to the next regular meeting of the City Council on June 21, 2022.

RECOMMENDATION:

Staff recommends the City Council direct staff accordingly.

DISCUSSION:

On Wednesday, May 25, 2022, a Budget Workshop was held to present the City Manager's Proposed Two-Year Budget for Fiscal Years 2022-2023 and 2023-2024 (hereafter referred to as FY 2023 and FY 2024 respectively). Following a brief overview by the City Manager and the Management Services / Finance Director, department heads discussed their Fiscal Year 2023 and 2024 funding requests in detail and responded to questions from Council Members. The Council took no action on the proposed budget, as the objective of this workshop was to familiarize the Council and public with the contents of the budget before it was to be formally presented tonight during a regular Council

meeting. Following this meeting, the Measure T Committee convened on May 26, 2022 and a public meeting was held to provide an overview of the proposed Measure T spending in FY 2023 and FY 2024.

As we move forward from the economic disruptions caused by the COVID-19 pandemic, the City's revenue streams have recovered and are trending upward. Most of this growth has occurred in the current fiscal year and it is anticipated that the rate of revenue growth will taper off beginning in FY 2023.

FY 2022 marks the first full year of collection of the Measure T add-on sales tax. It is expected to add roughly $18.2 million in FY 2023 and $18.7 million in FY 2024 to the City's General Fund. This funding has enabled ongoing and one-time service level upgrades to areas critical to City operations and community safety: the addition of public safety personnel to both the police and fire departments, Project Homekey to address housing for persons experiencing homelessness or at risk of homelessness, sweeping upgrades and enhancements to City parks, sidewalk and ADA ramp replacement, various improvements for other public safety facilities, additional staffing and capital improvements for the A. K. Smiley Library, vehicle replacements for public safety and public works, and investments in the Animal Shelter facility and parking lot.

In addition to these projects and service improvements, the City is also setting aside funds to finance the construction of two new fire stations and the relocation of a third. These new stations will serve areas that are currently outside of the 4-minute drive time window. As well, the costs to convert the former Kmart site to the future home of the Redlands Police Department are included in this borrowing effort. The new Safety Hall facility will vastly improve the efficiency and effectiveness of the department by consolidating several remote offices into one central location and enhancing public accessibility and service levels.

The City Manager's Proposed Two-Year Budget for Fiscal Years 2023 and 2024 presents balanced budgets across both years. As we end FY 2022, the City expects to end the year with revenues and expenditures balanced, including the bolstering of reserves, paying down debt, investing in public safety and public infrastructure enhancements, and an unreserved fund balance of $21.4 million.

The City Manager's Proposed Two-Year Budget is governed by the overarching trends in the national, regional and local economy. In terms of major revenue sources in the General Fund, property tax and sales tax represent approximately 77% of all revenue anticipated during the fiscal year. Property tax is expected to continue to perform well in Fiscal Year 2023, despite the Proposition 13 Inflation Factor being half of what it normally is due to the remaining impacts of the pandemic experienced in the first half of 2021, as there is a significant lag between the time the tax is assessed and the time it is collected. A 4.1% growth rate is projected for FY 2023 and this increases to

6.8% in FY 2024 as we anticipate the inflation we are now experiencing will ripple through the tax assessments. The other components to the growth in property taxes include the obvious growth in home sale prices and volume, and the addition of significant new construction to the tax rolls in prior years. Basic sales tax is expected to grow at a slightly slower pace than it has in recent years following the pandemic. Some of this is due to an anticipated drop off in consumer demand, rising interest costs, and an increase in economic uncertainty. Another factor that will influence sales tax revenues is modernization of the sales tax system itself. Various stakeholder groups statewide are convening to discuss more equitable distribution of sales tax from online sales and this could have negative implications for the City's General Fund as it currently benefits from the location of major online retailers within its jurisdiction.

Another unknown worth mentioning includes the negotiation of the City's nine bargaining unit agreements with its labor partners. Staff anticipates the cost of new agreements will impact the General Fund in a significant way, possibly adding millions of dollars per year to the City's bottom line operating budget. Lastly, as stated previously, significant economic uncertainty lingers. The triple threat of high inflation, higher interest rates and stock market volatility could all impact the economy. FY 2024 includes an added inflation adjustment reflecting that City services are likely to cost more than currently estimated. There is no corresponding adjustment to reflect added costs from negotiation with the City's labor unions, however.

The City Council has a history of taking intentional, proactive, and strategic steps to ensure the fiscal sustainability of the City over time, including adopting a structurally balanced budget each year, funding long-term needs where possible, and maintaining adequate reserve levels. Because of the City's strong reserve levels, it was able to maintain essential services during the pandemic with confidence. In addition, the City maintained and even added to its reserves, which was crucial in case a new emergency or economic crisis materialized. Given the uncertain future, it remains essential for the City to focus mainly on one-time expenditures to the extent possible to maintain fiscal stability. Maintaining a balanced budget over the long term will help minimize disruption to critical service and maintenance efforts when revenues decline.

For a full discussion on fiscal years 2023 and 2024, please see the City Manager's Budget Message.

ALTERNATIVES:

The Council may elect to modify, reject or continue adoption of the City Manager's Proposed Two-Year Budget for Fiscal Years 2023 and 2024.

STRATEGIC PLAN:

A discussion of this topic is reviewed in the City Manager's Budget Message (see page i and x).

SUBMITTED BY:
Danielle Garcia, Management Services/Finance Director

RECOMMENDED BY:
Charles M. Duggan, Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager

Fiscal Impact

Fiscal Year: 2023, 2024

Discussion:

The City Manager's Proposed Two-Year Budget for Fiscal Years 2023 and 2024 identifies the fiscal impact for the General Fund and all other City funds.

Attachments

Fiscal Year 2022-23 and 2023-24 Proposed Budget
Attachment B - Reserves all funds FY 2023 & 2024
Attachment C - Loans Outstanding - all funds FY 2023, 2024
Attachment D - Sources & Requirements FY 2023 & 2024

City of Redlands

Fiscal Year
2022-2023 and 2023-2024
Proposed Budget

June 7, 2022

CHARLES M. DUGGAN, JR.
City Manager

City of
REDLANDS
Incorporated 1888

35 Cajon Street,
Redlands, CA 92373
909-798-7510
cduggan@cityofredlands.org

CITY MANAGER'S BUDGET MESSAGE
FY 2022-23 & 2023-24

I am pleased to present the City's first biennial (two-year) budget covering Fiscal Years 2022-23 and 2023-24 (referred to as FY 2023 and FY 2024 from this point forward). As such, the City Manager's FY 2023 & 2024 Proposed Biennial Budget builds on the City's continuing recovery from the pandemic and the significant addition of Measure T sales tax revenue, while investing in enhancements to services, infrastructure and programs that will promote our community's quality of life for decades to come.

As we turn the page on the budget cuts of Fiscal Year 2020-21 (FY 2021), necessitated by the pandemic and its resulting toll on our economy & community, we can take stock of the rebuilding that was possible before the year ended: partially restoring critical funding for public safety staffing and equipment; and restoring funding for essential general maintenance services. With the addition of Measure T sales tax revenues, service level enhancements were also possible.

During Fiscal Year 2021-22 (FY 2022), the City achieved its goal of developing a strategic vision for Redlands by following the steps in this plan: conducting a citizen satisfaction survey, creating a Six-Year Strategic Plan, and establishing Council & management priorities. The culmination of these efforts is embodied in the FY 2023 & 2024 Biennial Budget, which presents not just a simple balancing of revenues and expenditures, but a two-year financial and operating plan that allocates resources on the basis of identified goals. Thus, this budget incorporates a longer-term perspective, strategic intent and service demand planning than previous city budgets.

BACKGROUND

During the development of the FY 2023 & 2024 Proposed Budget, departments were asked to submit their requests in two phases – a minimal operating budget and a list of supplemental requests. The first involved preparing a budget for the next two fiscal years that included only the minimum amount of resources needed to maintain existing service levels and essential staff, with no additional funding to address new programs, new equipment additional employees or deferred maintenance. The second was to create a listing of critical operating, capital, and additional staffing needs that would address deferred maintenance, retire aged and inadequate equipment and facilities, and enhance service levels according to the priorities identified in both the Six-Year Strategic Plan and goals of Measure T.

After assessing the minimal operating needs of each department, each list of supplemental requests was evaluated for its relevance to critical capital needs, the Strategic Plan, and the intended uses for Measure T funds to determine if such requests could be included for funding in either fiscal year. The Management Team and I made decisions based on the priorities mentioned above, and weighed these against revenue forecasts, and now submit this budget document on that basis.

Framing the development of funding requests, on March 15, 2022 the City Council adopted the 2023 – 2028 Strategic Plan. The City's multi-year strategic priorities include:

- Quality of Life: ensure that Redlands continues to be a vibrant community that honors its heritage and provides a broad range of opportunities to live, work and play
- Public Health & Safety: enhance services and programs so that all community members are safe, sheltered and have access to Redlands' core services
- Equity & Inclusion: cultivate wide-ranging community engagement and a work force that strives to ensure everyone in the community has access to City services and facilities
- Sustainability: preserve and protect what makes Redlands special by maintaining core services, infrastructure and community values

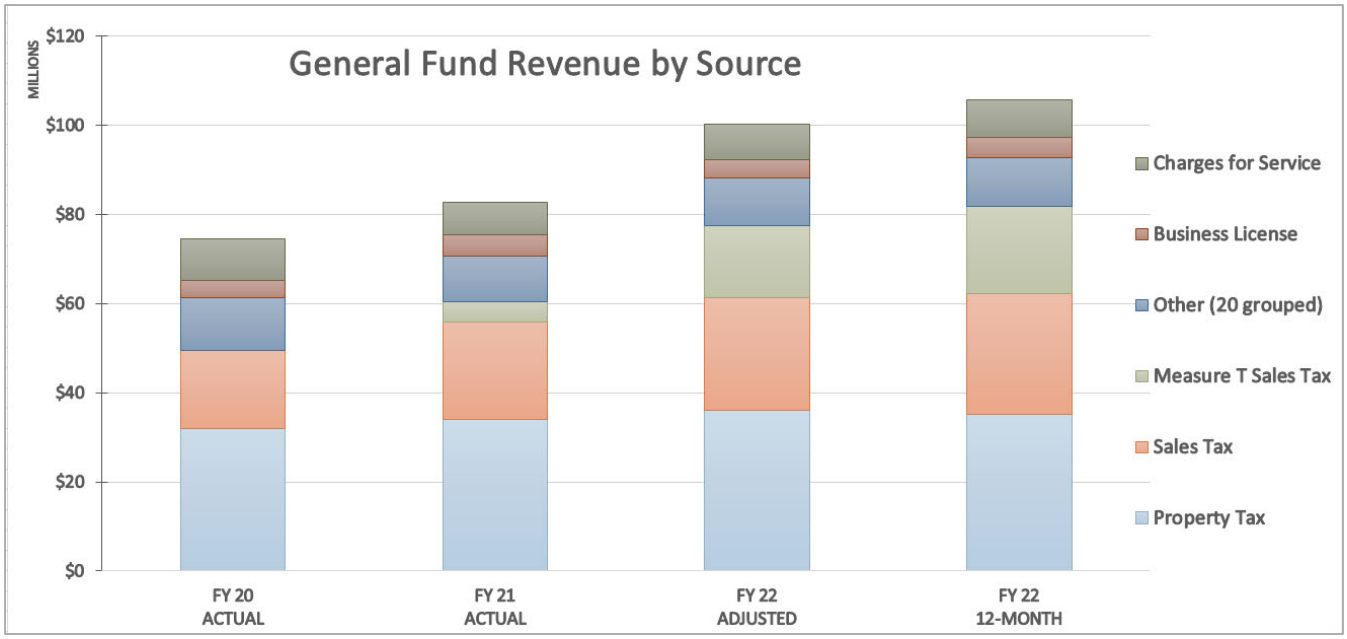
As noted throughout, the investments included in this biennial budget include resources to address the strategic priority areas and also position the City to meet any economic challenges that may lie ahead.

The following sections summarize and provide further detail on the City Manager's General Fund budgets for FY 2022, 2023, & 2024. Included in these sections is an overview of Measure T spending. These sections are followed by a short discussion of other major funds.

FISCAL YEAR 2022 OVERVIEW

During this fiscal year, the economy as a whole saw a significant turn towards pre-pandemic normalcy and has generally been characterized as being on a general path of recovery. Schools resumed in-person instruction, restaurants opened to diners, gyms resumed operations, and travel increased. Employment and job growth saw significant gains almost reaching pre-pandemic levels. Despite the sharp price increases, the number of home sales and new starts grew robustly. Consumer spending continues to rebound and, as a result of inflation, is growing at a faster rate than other post-recession periods.

All of these indicators contributed positively to the City's two main sources of General Fund revenue: sales & property tax. The passage of Measure T and the favorable reallocation of point-of-sale Amazon warehouse sales tax have each bolstered the sales tax revenue stream even further. It is estimated that Measure T will generate $19.4 million and that the added sales tax from Amazon will generate an additional $1.6 million in sales tax for the City. As a result, staff anticipates sales tax to exceed mid-year revised estimates by roughly $5.2 million, this along with some other, less significant fluctuations is contributing to roughly $5.6 million in higher revenues over adjusted mid-year estimates.



In addition to revenues, FY 2022 saw an extraordinary land sale that was recorded in the Solid Waste and Wastewater funds, the excess proceeds of which were transferred into the General Fund in the amount of $43.4 million. These proceeds were partially used on the acquisition of other capital assets and partially set aside in a future facilities reserve for the building projects described below.

Turning the focus to appropriations, many large transactions took place during the fiscal year. In September 2021, the Council voted to purchase 300 East State Street, a six-story building in downtown Redlands, to house the City's future municipal offices. The $16 million dollar purchase was funded by both the General Fund and enterprise funds, with the General Fund contributing $14 million of this purchase. In March 2022, purchase of 1625 West Redlands Boulevard (the former site of the Kmart building) was finalized. This property will serve as the future home to the Redlands Police Department, fulfilling a long-standing need for the department to have a centralized facility to house its operational and tactical divisions.

In addition to the purchase of these two major properties, the City incorporated the ongoing property management of 300 East State Street and its existing tenants into its General Fund as a new division within the Facilities and Community Services Department. The City also initiated a comprehensive LED Streetlight Replacement Program for $1.3 million dollars. The project is anticipated to reduce City expenditures by $4.5 million over a 20-year period as a result of energy savings and reduced maintenance costs.

As we bring FY 2022 to a close, there are several significant developments that will have an impact on the City's landscape and local economy. The development of the former Redlands Mall site has been set in motion with a unanimous vote by the Council and Planning Commission supporting the State Street Village project. The primary features of the proposed project consist of five new buildings, four of which will have retail and restaurant uses on the ground floor with multifamily residential units on upper floors. The project will also feature a civic plaza, outdoor seating and dining areas, a water feature and pedestrian

improvements. The State Street Village development will revitalize the downtown core with attractive new buildings and new businesses and, as a result, provide additional revenue from sales tax, increased property tax assessment, business license tax, and other revenue sources which could contribute to the stability of the General Fund and economic landscape.

Another key development was the City's hiring of a homeless solutions coordinator. In its inaugural community satisfaction survey, the City asked to what degree, if at all, homelessness is a problem in Redlands, and almost 9 in 10 residents indicated that it was a major or moderate problem. The homeless solutions coordinator will focus on collaborating with existing non-profits and county agencies to connect both transitory and chronically homeless individuals with resources and services, including housing, education, job assistance, medical services and substance abuse counseling. In addition to coordinating delivery of services to unhoused individuals, this position will work closely with the Redlands Police Department and the Code Enforcement Division to monitor and address blight in the City.

Along with this new position, the City was awarded a grant of $30 million from State of California's Project Homekey to fund the conversion of an existing motel into supportive housing to provide shelter and services for the City's homeless population, one of only 13 new Homekey projects statewide.

FISCAL YEAR 2023 OVERVIEW

The proposed FY 2023 General Fund budget is balanced and includes many enhancements to service levels; replacement of aging infrastructure and equipment; and the addition of essential staff required to deliver services to the community. All of this progress has been made possible by the prudent fiscal control exercised by Council and the city's management team, and by the voters of Redlands, who have been a wonderful partner in our mission to achieve long-term financial sustainability for the City. Measure T and the additional sales tax that it is generating have enabled investment in some of the City's longest standing needs, including the need for a Police Department facility and the addition of new fire stations and personnel to meet service demands of an expanding community.

In FY 2023 we look forward to the following Measure T spending plan:

Fiscal Year 2023

Projected Measure T Sales Tax *Revenue*	$18,207,000

Proposed *Spending* for Fiscal Year 2023

Ongoing Costs of Additional Staffing funded previously by Measure T -
11 full time & 8 part time Police Dept. positons, including 5 police officers
2 full time & 2 part time positions in the Library, fully restoring prior hours of service
2 full time positions in the Fire Dept.

$ 1,970,230

Ongoing Costs from Service Level Enhancements funded previously by Measure T –	
Police Department: Equipment Leases, IT Equipment & Contract Services	
Capital leases & contractual services (Parks, Streets, Trees, etc.)	
	$ 1,889,211
Ongoing Costs from Additional New Staffing for FY 2023 –	
Police Department (2 dispatchers, 2 police officers, etc.)	
Fire Department (Battalion Chief, 3 Fire Engineers, etc.)	
Facilities & Community Services Department (maintenance, recreation, etc.)	
Library (library specialist, maintenance workers, etc.)	
	$ 2,734,846
One-Time Service Level Enhancements -	
Replace & upgrade various park facilities (Master Plan, lighting, playgrounds)	863,000
Upgrade & enhance Community & Senior Center Facilities	636,500
Address Building & Facilities deferred maintenance	334,000
Replace aged and outdated maintenance equipment	85,000
Downtown & Gateway Improvements	340,000
Police Department specialized IT software & hardware	123,915
Specialized Law Enforcement equipment	313,914
Emergency Operations Center Remodel	190,000
Traffic & Parking Improvements	100,000
	$ 2,986,329
Ongoing Service Level Enhancements -	
Annual City contribution for Project Homekey Homelessness Solutions grant	700,000
Additional programs for Community & Senior Center Facilities	136,600
Vehicle replacement leases for Recreation	31,000
Various specialized Police software tools and hardware	114,095
Citywide Sidewalk/ADA Replacement	500,000
Alley Improvement Project	800,000
Cash match for CA State Infrastructure Grant (Library)	200,613
Homeless Solutions Coordinator	108,401
	$ 2,592,409
Capital Improvement / Additions to Reserves -	
Addition to Future Facilities Reserve (for future debt service)	2,700,000
Tree trimming for 25% of City Trees	1,000,000
Remodel of Fire Station 262	1,500,000
Fire Department light vehicle replacement	160,000
Vactor Truck purchase for Streets & Inspections	650,000
Traffic Signal Cabinets & Components	75,000
	$ 6,085,025
Projected Total Measure T *Spending*	$ 18,258,025

Projections from the City's sales tax consultant forecast that Measure T sales tax revenue will generate roughly $18.2 million for Fiscal Year 2023. With these funds, plans include $2.7 million for the debt financing of three fire stations, the renovation and commissioning of a new Safety Hall Police facility, and

the purchase of additional fire engines. The Fire Department will be able to improve service levels with the addition of two new fire stations and the relocation of a third. This will increase the four-minute service area by 60%, providing a dramatic improvement in the ability of first responders to reach areas within the community that are currently outside of a four-minute response time window. Currently, only 34% of the city is within an Effective Response Force (ERF) during congested periods.

Since 2008, the Redlands Police Department has operated out of an 80-year old building and multiple satellite locations that house its various operating & tactical divisions. This has proven problematic for many reasons. The main hub for patrol staff also doubles as the City's Emergency Operations Center, limiting space for locker rooms and equipment storage. Investigations and Special Enforcement Teams operate in a different location from patrol, reducing the opportunity for communications and information sharing that would naturally occur if the staff operated out of a single facility. Lastly, there is no public or civic space currently available within the existing police facilities. With the purchase of the former Kmart building and property, the City has taken the first step towards providing a true Safety Hall to centralize police personnel and facilities. This will enable multiple operational efficiencies and expand on its ability to better serve the community.

In addition to these major investments, public safety staffing will also be bolstered. The positions included in the Police Department's budget request will add two dispatchers, two community service officers, a crime analyst, a property & evidence technician, two customer service representatives, and two police officers. The dispatchers, customer service representatives, community service officers, and the property and evidence technician are all front-line service providers to those seeking assistance from the department. The police officers will be assigned to the Multiple Enforcement Team and the Street Enforcement Team to address violent street crime and related investigations as part of the department's crime suppression efforts. The additional support staff requested in the budget will work behind the scenes to improve service levels for both internal and external customers.

For the Fire Department, the budget request includes funding for the addition of an administrative battalion chief, 3 fire engineers, a plans examiner and an emergency operations specialist. Each of these positions positively impacts the department's front line services, enabling streamlined plan check, permitting and customer service within the Community Risk Reduction Division while also providing oversight and program management in administration. Lastly, the new staffing will increase the number of emergency responders on duty on a daily basis.

Aside from improvements for public safety staffing and facilities, there are other noteworthy investments in public infrastructure included in FY 2023 Proposed Budget. More than $636,000 in improvements are slated for the Community Center and two senior centers, including renovation of the multi-purpose room; remodel of the gym lobby; game room and classroom renovations; refinishing of the gym and racquetball floors; and general lighting, flooring and repainting projects for the senior centers.

For parks, a Parks Master Plan will be commissioned with the intent of guiding future maintenance, development and operation of the City's parks and recreation system for at least the next 10 years. This plan is a valuable tool to assess current and future recreational needs, evaluate feasible options, develop a strategic action plan, and budget for long-term or phased-in development and improvements. Along with this plan, there are also renovations planned for parking lots, lighting, and playground safety for various City parks. Lastly, as the community moves out of the pandemic-related social distancing

restrictions and begins to transition to a new normal, plans for the return of market night include the acquisition of crowd-protecting barriers for the downtown area for events like market night. The barriers will be designed to promote the City's vibrant public spaces and support a variety of pedestrian experiences while seamlessly integrating security into existing and future events.

Another long-standing need involves the exploration of potential housing options for the homeless population in Redlands. Homelessness has been acknowledged by many within the community as a growing crisis requiring resources, collaboration and partnerships led by local government. On September 9, 2021, the Department of Housing and Community Development (HCD) released a Notice of Funding Availability (NOFA) for Homekey Round 2. Project Homekey is part of a statewide effort to sustain and rapidly expand housing for persons experiencing homelessness or at risk of homelessness. It provides funding directly to local public entities to develop a broad range of housing types, including but not limited to hotels, motels, hostels, single-family homes and multifamily apartments, adult residential facilities, and manufactured housing, and to convert commercial properties and other existing buildings.

The City has applied for and been awarded a grant for up to $30 million for a project designed to convert an existing hotel into permanent supportive housing for families and individuals experiencing homelessness. The project involves the development and management of a 98-unit homeless housing project. The approach incorporates an all-inclusive model framework of wrap-around support. Shangri-La Industries, LLC and Step Up on Second, Inc. will form a single asset entity partnership to own the existing Good Nite Inn located in Redlands. The City will act as a financial partner, with a contribution of $3.5 million in funding for the project and additional supportive services over a period of at least seven (7) years and will act as lead applicant for available grant funding and housing rental subsidies.

Integral to these efforts and also complimenting the City's overall efforts to provide and connect unhoused individuals to resources & services, the City recently hired a homeless solutions coordinator. The position will oversee projects designed to provide services and reduce homelessness in the City, including the conversion of the Good Nite Inn. In addition, the position will focus on collaborating with existing non-profits and county agencies to connect both transitory and chronically homeless individuals with resources and services, including housing, education, job assistance, medical services and substance abuse counseling. The position marks significant effort and dedication of resources to address individual and community issues surrounding homelessness.

At the conclusion of FY 2023, the City's memoranda of understanding with each of its labor partners, consisting of 9 bargaining units, will expire. The Council has taken action to initiate negotiations well ahead of time. Over the course of the next 12 months, the City's negotiating team will work collaboratively with each bargaining unit to develop new agreements. Staff are currently working to estimate these impacts on the City's General Fund and other funds, but much remains unknown as the details await a fuller discussion over the next year. As such, any financial impacts resulting from these negotiations have been omitted from the line item detail within each department's budget. The management team expects to adjust and revise the budget accordingly upon the mid-biennium review, scheduled for spring of 2023.

FISCAL YEAR 2024 OVERVIEW

The proposed FY 2024 General Fund budget continues with the investments planned in FY 2023. Notably, the addition of three new fire crews (each crew consisting of a fire captain, engineer and firefighter/paramedic) will greatly enhance service levels and response time for the Fire Department. This staffing is needed as the City adds two additional fire stations beginning in FY 2023. Other capital investments in the City's parks, community and senior centers, and public infrastructure continue. Over $1.2 million in park improvements are planned, addressing long-deferred facility improvements. As well, over $636,000 are planned for the City's various community centers. Investment will continue for the City's sidewalk and ADA ramp replacements and alley improvement projects, as well as funding for the transitional housing facility under Project Homekey.

In FY 2024 we look forward to the following Measure T spending plan:

Fiscal Year 2024

Projected Measure T Sales Tax *Revenue*	$18,696,000
Proposed *Spending* for Fiscal Year 2023-24	
Ongoing Costs of Additional Staffing funded previously by Measure T -	
11 full time & 8 part time Police Dept. positons, including 5 police officers	
2 full time & 2 part time positions in the Library, fully restoring prior hours of service	
2 full time positions in the Fire Dept.	
	$ 2,029,338
Ongoing Costs from Service Level Enhancements funded previously by Measure T –	
Police Department: Equipment Leases, IT Equipment & Contract Services	
Increase in Paramedics Fund transfer	
Capital leases & contractual services (Parks, Streets, Trees, etc.)	
	$ 2,861,188
Ongoing Costs from Additional New Staffing for FY 2023 & 2024 –	
Police Department (2 dispatchers, 2 police officers, etc.)	
Fire Department (Battalion Chief, 3 Fire Engineers, 3 new crews, etc.)	
Facilities & Community Services Department (maintenance, recreation, etc.)	
Library (library specialist, maintenance workers, etc.)	
	$ 4,478,070
One-Time Service Level Enhancements -	
Replace & upgrade furnishing & equipment at Emergency Operations Center	698,000
Replace & upgrade various park facilities (restrooms, lighting, playgrounds)	1,237,697
Upgrade & enhance Community & Senior Center Facilities	636,000
Police Department specialized IT software & hardware	20,000
Traffic & Parking Improvements	105,000
	$ 2,696,697

Ongoing Service Level Enhancements -	
Annual City contribution for Project Homekey Homelessness Solutions grant	700,000
Additional Programs for Community & Senior Center Facilities	228,600
Vehicle replacement leases for Recreation	31,000
Various specialized Police software tools and hardware	114,095
Citywide Sidewalk/ADA Replacement	500,000
Alley Improvement Project	800,000
Vactor Truck Maintenance	80,000
Cash match for CA State Infrastructure Grant (Library)	200,613
Homeless Solutions Coordinator	108,401
	$ 2,762,709
Capital Improvement / Additions to Reserves -	
Addition to Future Facilities Reserve (for future debt service)	2,700,000
Tree trimming for 25% of City Trees	1,000,000
Fire Department light vehicle replacement	180,000
300 East State Street Facility Improvements	56,723
	$ 3,936,723
Projected Total Measure T *Spending*	$ 18,764,725

Projections from the City's sales tax consultant forecast Measure T sales tax revenue will generate roughly $18.7 million for Fiscal Year 2024. This is based on continued stability in present economic conditions. In addition to the new fire stations planned and firefighting personnel, the City will complete the remodel and commissioning of a dedicated emergency operations center (EOC). Since the mid-2000's the City has operated its EOC in a shared space with the Police Department's dispatch and patrol center. This has led to significant space issues and a lack of efficiency in properly planning and equipping the City's EOC. With the improvements to the EOC and commissioning of a new Safety Hall facility to house all Police operations slated in FY 2023, FY 2024 will invest in the furnishing, equipment and space planning necessary to operate its EOC effectively.

Significant investments of over $1.2 million are planned in FY 2024 for park facilities. Texonia Park will receive much needed capital renovations, including replacement of its irrigation system, restroom facilities, lighting, and playground equipment. The addition of walking paths, exercise equipment and field regrading are also included. The City's Community Senior Center will receive a state of the art exercise room, security gates & cameras, and landscaping beautification. The Joslyn Senior Center will receive new flooring – the existing flooring is over 50 years old. For the Community Center, major renovations are planned for its gym that include new lighting, new ceiling tiles, replacement of existing bleachers and repainting.

Ongoing service level enhancements will continue as well as additional staffing levels necessary to deliver them, as noted above.

OTHER FUNDS

While emphasis in this message is placed on the capital improvement projects and service level enhancements funded by the City's General Fund, the services delivered to the community and its residents through the City's Enterprise Funds are of significance as well and warrant discussion here.

In addition to a General Fund Budget of $109.4 and $111.2 million in fiscal years 2023 & 2024 respectively, the City's budget includes Enterprise Funds totaling approximately $85 and $94 million for fiscal years 2023 & 2024. In the Water Fund, appropriations for FY 2023 and 2024 total roughly $43 and $52.5 million, with about $9.7 million dedicated to capital improvement projects (CIP) in FY 2023 and $20.3 million dedicated in FY 2024. These projects include plans for roughly 9 miles of pipeline replacement, complete replacement of the City's 55-year-old Sunset Reservoir, replacement of transmission lines and clarifiers at the Tate Water Treatment Plant and seismic assessment improvements for the Texas Grove Reservoir.

In the Wastewater Fund, appropriations total approximately $18.3 and $18 million for FY 2023 & 2024, with $3 million in pipeline replacement budgeted each fiscal year to replace roughly 5 to 6 miles of sewer pipeline per year. It is worth noting that the Wastewater Fund's largest project, the Wastewater Treatment Plant Capital Modifications (~$45 million) is not included in the FY 2023 & 2024 Propose Budget request at this time. This is due to the timing of the State Revolving Fund loan program, to which the City applied in order to finance the construction of the project. Once the loan is made and the funding is available, staff will seek an additional appropriation for both the loan revenue as well as expenditures for the full cost of the project.

Lastly, in the Solid Waste Fund, annual appropriations total roughly $23.7 and $23.5 million for FY 2023 & 2024. Included in these appropriations is approximately $2.3 million and $894,000 in capital projects in each respective year, including improvements to the existing landfill gas flare and extraction system and the purchase of replacement solid waste collection vehicles. Attention to the details of these enterprise funds is a crucial component of our financial stewardship.

FUTURE PLANS, OPPORTUNITIES AND CHALLENGES

The City's financial health is projected to remain very strong in fiscal year 2023 and 2024. As the City looks toward future budgets, the process will require balancing financial and staffing resources to meet critical service demands of our community while maintaining our existing assets. Work has begun on a comprehensive six-year Financial Strategic Plan. This plan will help the City remain positioned to meet changing economic conditions, rising service costs and other circumstances that may result in unanticipated fiscal challenges. Once completed and approved by Council, staff and the management team will rely on this document to guide the City's finances into the future.

In addition to these efforts to develop a Financial Strategic Plan for future years, the City Council recently adopted a Six-Year Strategic Plan. The plan will serve as a framework for achieving a vision for the community as "a connected, conscientious, safe community with a small town feel in which all people and businesses can thrive." It includes the following strategic priorities:

- Quality of Life
- Public Health & Safety
- Equity & Inclusion
- Sustainability

The investments included in this biennial budget seek to not only meet the existing service level demands of our city, but also to address the strategic priority areas framed by the Plan. We are so fortunate to be emerging from this pandemic in a strong state, poised not only to rebuild, but to address long-standing capital needs like a new City Hall facility, a new Police Department building, and the addition and relocation of three fire stations. As a city, we are committed to acting with fiscal prudence, operating lean and utilizing resources responsibly as entrusted to us.

While uncertainty remains with regard to future economic conditions involving inflation, consumer spending and housing costs, more concrete challenges continue to be present in the City's fiscal picture:

- The specific financial impact of future labor negotiations with the City's nine (9) bargaining units remains unknown at this time. Staff have analyzed possible costs associated with possible bargaining scenarios and expect the impacts to be in the millions in terms of added costs for the General Fund. These costs will influence forecasts for FY 2024.
- The additional phased in lowering of the CalPERS discount rate to 6.8% and modifications to the mortality and investment risk assumptions only exacerbate the already steep growth in retirement benefit rates for cities; further changes based on recent performance of the CalPERS investment fund are anticipated in the coming fiscal years.
- The state sales tax system has had major implications for cities, both positive and negative. Redlands has been on the beneficial end of these impacts, but there are conversations statewide to more equitably distribute the revenue as a result of increased e-commerce and online shopping. In the future, this has the potential to shift sales tax revenues away from the City to the County's sales tax pools or possibly to other cities directly. As sales tax is the second largest revenue category in the General Fund, even small changes can have long-term consequences.
- While the City, region and state continue to experience economic recovery and steady growth, the risks of tighter monetary policy, several planned interest rate hikes, and persistently high inflation may induce an economic slowdown, thus negatively impacting revenue forecasts.

CONCLUSION

The City's first biennial budget covering fiscal years 2023 and 2024 as presented include a balanced General Fund, spending on enhanced service levels in parks, streets, police and fire, as well as major capital investments in new municipal and public safety facilities. City departments and staff continue to be strategic in their requests, which are intended to advance the priorities of Council and the community. We look forward to a future full of potential as we work to rebuild service levels and address long-deferred capital investments.

I want to express my personal thanks to the management and budget team for their diligent efforts and working together to develop budgets that reflect the needs of their individual departments and their direct service delivery to the City's residents and businesses. A special note of thanks and appreciation should go to the members of the Finance Division staff for their excellent performance in gathering, analyzing and presenting information clearly and accurately during this first ever biennial budget. With the City Council's leadership and the help of our community, we can continue to maintain strong fiscal stewardship while ensuring our budget and financial policies reflect spending consistent with the community's values and priorities.

Respectfully submitted,



Charles M. Duggan, Jr., City Manager
City of Redlands

General Fund Budget Summary

	2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
AVAILABLE FINANCIAL SOURCES:					
BEGINNING FUND BALANCE-UNRESERVED	$ 16,485,774	$ 22,793,838	$ 22,793,838	$ 21,382,809	$ 21,659,006
Revenues					
Taxes:					
Property	33,894,044	36,101,445	35,068,946	36,426,030	37,376,555
Sales	21,924,279	25,129,740	27,231,541	27,892,791	28,051,502
Measure T Sales Tax	4,617,190	16,194,863	19,393,000	18,207,000	18,696,000
Franchise	2,379,571	2,358,585	2,630,212	2,595,483	2,567,833
Other-(TOT, Property Transfer, Mining)	2,692,949	2,685,000	2,815,000	2,439,200	2,540,000
Total Taxes	65,508,033	82,469,633	87,138,699	87,560,504	89,231,890
General Government:					
Business Licenses	4,615,449	4,175,574	4,750,000	4,892,000	4,900,000
Motor Vehicle Fees	52,039	40,000	82,201	64,000	65,000
Interfund Charges	4,444,239	4,647,672	4,647,672	4,167,736	4,379,383
Investment Income	46,269	250,000	175,000	200,000	200,000
Other	705,817	734,100	582,219	581,500	584,600
Total General Government	9,863,813	9,847,346	10,237,092	9,905,236	10,128,983
Charges For Services:					
Development Services	3,105,275	2,892,914	3,119,491	3,275,466	3,439,239
Library	418,298	120,000	114,293	71,550	27,890
Police and Animal Control	764,501	746,933	722,994	522,982	522,982
Animal Services	-	-	-	212,595	214,595
Community Services	187,924	385,728	367,162	584,572	636,015
Fire	513,136	687,500	618,000	779,000	793,400
Facilities	1,278,099	2,483,303	2,339,622	3,001,626	2,659,623
Engineering	1,143,160	618,800	1,002,248	1,037,000	1,090,000
Total Charges For Services	7,410,393	7,935,178	8,283,810	9,484,791	9,383,744
Total Revenues	82,782,239	100,252,157	105,659,601	106,950,531	108,744,617
Interfund Transfers from Other Funds:					
Governmental Grants (200)	451,673	-	-		
Gas Tax (207)	1,557,505	1,713,511	1,863,334	2,076,075	1,884,307
Traffic Safety (223)	131,763	202,000	82,000	202,000	202,000
Public Facilities (251)	74,308	-	-	-	
Water (501)	253,406	274,364	274,066	278,189	282,516
Solid Waste (511)	52,791	53,327	21,750,507	55,880	57,186
Sewer (521)	22,624	22,855	21,719,406	23,949	24,508
Citrus (538)	136,800	-		-	
Special Deposits (801)	3,660,668	-			
Successor Agency (820)	37,500	-	-	-	-
Total Interfund Transfers From Other Funds	6,379,038	2,266,057	45,689,313	2,636,093	2,450,517
Other Financing Sources					
Extraordinary Land Sale	-	43,402,230	-	-	-
Total Other Financing Sources	-	43,402,230		-	-
Decreases/Use of to Reserves:					
Reserve for Advances Receivable	155,086	-	-	-	-
Reserve for Prepaids	183,522	-	-	-	-
Reserve for Donations	33,826	-	-	-	-
Reserve for PEG Fees	901	30,000	30,000	-	-
Reserve for Maintenance: Park Facilities		-	40,000		
Reserve for Maintenance: Bldgs. & Improv.		-		120,000	-
Reserve for Capital: >$50,000	84,392	-	184,963	-	-
Reserve for Sidewalk Improvements	-	-	849,538	-	-
Reserve for Encumbrances	2,514,952	7,083,392	7,083,392	-	-
Total Cancellations or Decreases to Reserves	2,972,679	7,113,392	8,187,893	120,000	-
TOTAL AVAILABLE FINANCIAL SOURCES	$ 108,619,730	$ 175,827,674	$ 182,330,645	$ 131,089,432	$ 132,854,140

General Fund Budget Summary (cont.)

	2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
FINANCIAL REQUIREMENTS:					
Appropriations/Expenditures					
City Council	$ 314,561	$ 482,922	$ 368,262	$ 556,249	$ 422,788
City Manager (incl. HR)	5,090,345	6,348,627	6,085,104	7,312,037	7,667,449
City Clerk	313,762	406,611	224,901	596,698	453,870
City Attorney	688,876	678,340	1,139,658	775,451	809,835
Management Services	2,004,220	2,495,997	2,453,026	2,752,726	2,845,655
Development Services	2,965,856	3,536,906	3,536,882	5,110,814	4,501,626
Facilities	7,919,549	31,200,078	30,896,521	12,796,500	12,452,245
Community Services	945,226	1,837,648	1,684,926	2,443,656	2,848,118
Engineering	1,249,786	4,767,023	5,017,008	7,887,089	7,227,031
Library	2,426,448	3,012,395	3,042,615	3,114,321	3,200,206
Police	28,497,658	34,666,137	33,359,600	35,335,442	35,551,297
Fire	15,000,257	20,247,841	20,200,793	19,768,684	20,999,079
Total Appropriations	67,416,595	109,680,525	108,009,297	98,449,668	98,979,199
Interfund Transfers to Other Funds:					
Governmental Grants (200)	9,707	-	-	-	-
Paramedic Fund (205)	4,220,472	4,499,810	4,125,500	4,747,477	5,326,446
Downtown Redlands Business Assoc. (236)	114,904	106,557	106,557	-	-
Parking Authority (237)	7,739	10,800	10,801	11,642	12,799
Landscape Maintenance District (263)	35,764	31,798	31,260	21,639	21,839
Safety Hall (406)	-	16,100,000	16,100,000	-	-
Liability Self-Insurance (602)	2,656,396	2,500,000	3,150,000	3,500,000	4,150,000
Special Deposits (801)	83,027	-	-	-	-
Total Interfund Transfers To Other Funds	7,128,009	23,248,965	23,524,118	8,280,758	9,511,084
New or Increases to Reserves					
Reserve for Prepaids	196,623	-	-	-	-
Restate Special Deposits Reserve	3,577,642	-	-	-	-
Reserve for PEG Fees	52,844	-	-	-	-
Reserve for Operational Contingency	-	946,209	946,209	-	-
Reserve for Maintenance: Bldgs. & Improv.	-	946,209	946,209	-	-
Reserve for Unfunded Mandates	-	946,209	946,209	-	-
Reserve for Capital: >$50,000	-	946,209	946,209	-	-
Reserve for Fire Equipment	358,142	-	-	-	-
Reserve for Encumbrances	7,083,392	-	-	-	-
Reserve for Animal Shelter Improv.	12,646	-	-	-	-
Reserve for Future Facilities	-	22,102,230	22,102,230	2,700,000	2,700,000
Reserve for Sidewalk Improvements	-	1,000,000	1,000,000	-	-
Reserve for Public Safety / Homelessness	-	2,527,356	2,527,356	-	-
Total New or Increases to Reserves	11,281,289	29,414,422	29,414,422	2,700,000	2,700,000
TOTAL FINANCIAL REQUIREMENTS	$ 85,825,893	$ 162,343,912	$ 160,947,837	$ 109,430,426	$ 111,190,283
SOURCES OVER/(UNDER) REQUIREMENTS	6,308,063	(9,310,076)	(1,411,029)	276,198	4,851
ENDING FUND BALANCE-UNRESERVED	$ 22,793,838	$ 13,483,762	$ 21,382,809	$ 21,659,006	$ 21,663,857

REVENUES

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		PROPERTY TAXES					
101501	4101	Current Secured Taxes	31,887,241	34,435,345	33,123,546	34,327,769	35,423,113
101501	4102	Current Unsecured Taxes	727,986	640,700	720,000	900,000	717,881
101501	4103	Supplemental Secured Taxes	369,778	250,000	350,000	336,362	352,047
101501	4104	Supplemental Unsecured Taxes	28,787	23,900	23,900	24,776	25,821
101501	4105	Secured PY Taxes	424,473	370,000	370,000	378,852	391,108
101501	4106	Unsecured PY Taxes	16,384	11,500	11,500	11,421	13,102
101501	4107	Supplemental PY Taxes	174,251	145,000	170,000	173,377	174,543
101501	4108	Possessory Interest Taxes	265,144	225,000	300,000	273,473	278,940
		TOTAL PROPERTY TAXES	33,894,044	36,101,445	35,068,946	36,426,030	37,376,555
		OTHER TAXES					
101501	4001	Sales Tax - Donut Hole	-	4,300,000	6,264,200	6,389,500	6,010,507
101501	4003	Sales and Use Tax	20,878,533	19,521,411	19,659,012	20,055,611	20,593,315
101501	4005	Public Sfy Sales Tax-Prop 172	1,045,746	1,308,329	1,308,329	1,447,680	1,447,680
101501	4006	Measure T Sales Tax	4,617,190	16,194,863	19,393,000	18,207,000	18,696,000
101501	4207	Property Transfer Tax	496,074	650,000	668,000	547,200	571,000
101502	4208	Transient Occupancy Tax	1,834,855	1,690,000	1,787,000	1,530,000	1,609,000
101502	4209	Franchise Fees	2,379,571	2,358,585	2,630,212	2,595,483	2,567,833
101502	4210	Mining Tax	362,020	345,000	360,000	362,000	360,000
		TOTAL OTHER TAXES	31,613,989	46,368,188	52,069,753	51,134,474	51,855,335
		TOTAL TAXES	65,508,033	82,469,633	87,138,699	87,560,504	89,231,890
		OTHER REVENUES					
101502	4301	Business License	4,615,449	4,175,574	4,750,000	4,892,000	4,900,000
101502	4302	Dog License	56,405	60,000	53,000	55,500	54,600
101501	4330	Street Rep Fee-TruckHaul Prmt	-	-	4	-	-
101502	4305	Building Permits	1,104	1,500	1,500	1,000	1,000
101120	4329	Miscellaneous Permit	3,568	2,700	2,700	1,000	1,000
101501	4403	Motor Vehicle Fees	52,039	40,000	82,201	64,000	65,000
101501	4405	Mandated Costs Reimb	58,385	60,000	40,000	40,000	40,000
101100	4415	Cost Recovery/Reimbursed Exp	499	900	500	500	500
101501	4415	Cost Recovery/Reimbursed Exp	1,392	-	-	-	-
101150	4415	Cost Recovery/Reimbursed Exp	27,735	30,000	-	-	-
101150	4521	City Atty Services Reimbursed	88,400	90,000	90,000	90,000	90,000
101501	4604	City Ordinance Violation	6,290	8,000	5,000	6,000	7,000
101502	4701	Application/Filing Fee	150,593	170,000	170,000	170,000	170,000
101121	4711	PEG Fees	52,844	-	50,000	50,000	50,000
101502	4711	PEG Fees	-	50,000	-	-	-
101501	4805	General Gov't Overhead	4,444,239	4,647,672	4,647,672	4,167,736	4,379,383
101501	4808	Investment Income	241	-	-	-	-
101502	4808	Investment Income	46,028	250,000	175,000	200,000	200,000
101502	4810	Returned Check Fee	430	1,000	250	500	500
101501	4812	Sale of Surplus Property	5	-	8,000	2,000	5,000
101501	4814	Miscellaneous Receipts	248,742	250,000	160,000	160,000	160,000
101502	4814	Miscellaneous Receipts	10	-	5	-	-
101110	4817	Misc. Taxable Sales	-	-	60	-	-
101501	4820	Bad Debt Recoveries	9,415	10,000	1,200	5,000	5,000
		TOTAL OTHER REVENUE	9,863,813	9,847,346	10,237,092	9,905,236	10,128,983
		TOTAL GENERAL GOVERNMENT	75,371,846	92,316,979	97,375,791	97,465,740	99,360,873

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		DEVELOPMENT SERVICES					
101162	4305	Building Permits	1,109,857	1,250,000	1,320,882	1,386,926	1,456,272
101164	4305	Building Permits	54,203	85,000	72,948	76,595	80,425
101162	4306	Electrical Permits	134,281	135,000	144,107	151,312	158,878
101162	4307	Plumbing Permits	65,596	80,000	71,096	74,651	78,384
101162	4309	HVAC Permits	103,274	120,000	106,656	111,988	117,588
101162	4310	Cert of Occupancy	21,529	17,500	29,151	30,609	32,139
101162	4311	Pool and Spa Permits	70,555	60,000	49,474	51,948	54,545
101164	4312	Sign Permits	15,717	22,000	14,702	15,437	16,209
101164	4313	Demolition Permits	3,790	7,500	7,941	8,338	8,754
101162	4314	Roofing Permits	131,290	125,000	127,382	133,751	140,438
101164	4315	Historic Cert of Approp	11,878	6,000	8,489	8,914	9,359
101164	4320	East Valley Corridor	-	10,000	17,837	18,729	19,665
101164	4321	Specific Plan	8,854	6,000	7,589	7,969	8,367
101164	4322	Conditional Use Permit	39,540	25,000	62,719	65,855	69,148
101164	4323	Variances	6,952	7,500	17,782	18,671	19,605
101164	4324	Home Occupation Permit	7,091	5,000	3,254	3,416	3,587
101164	4415	Cost Recovery/Reimbursed Exp	337,435	-	155,160	162,918	171,064
101162	4501	General Plan Review Fee	83,937	80,000	175,430	184,201	193,411
101162	4503	Plan Check	507,410	500,000	367,046	385,398	404,668
101164	4503	Plan Check	67,371	75,000	50,211	52,722	55,358
101164	4504	Preliminary Review	6,820	6,000	8,678	9,112	9,567
101164	4505	CRA Review	68,684	60,000	100,675	105,709	110,994
101164	4506	Map Review	86,855	60,000	84,984	89,233	93,695
101164	4507	Street Vacation	1,561	7,500	8,921	9,367	9,836
101164	4508	Environmental Impact	-	-	840	882	926
101164	4510	Planning Appeal Processing	795	-	-	-	-
101164	4511	Ordinance Amendment	12,824	3,806	6,509	6,835	7,176
101164	4512	Development Agreements	14,716	6,108	-	-	-
101164	4513	Annexation Agreements	5,130	-	4,397	4,617	4,848
101164	4515	Socio-Economic Studies	31,408	35,000	44,777	47,016	49,367
101162	4528	Research & Microfilming	6,176	8,000	4,608	4,838	5,080
101164	4717	Contract Administration Fee	35,730	70,000	17,225	18,086	18,991
101162	4810	Returned Check Fee	43	-	74	77	81
101164	4810	Returned Check Fee	43	-	-	-	-
101161	4814	Miscellaneous Receipts	32,060	-	-	-	-
101164	4814	Miscellaneous Receipts	21,870	20,000	27,948	29,345	30,813
		TOTAL DEVELOPMENT SERVICES	3,105,275	2,892,914	3,119,491	3,275,466	3,439,239
		LIBRARY					
101190	4532	Non-Resident Fees	5,286	6,000	6,000	6,300	6,615
101190	4733	Library Fines	5,001	25,000	19,250	20,250	21,275
101191	4801	Lincoln Shrine Support	408,011	89,000	89,000	45,000	-
101190	4810	Returned Check Fee	-	-	43	-	-
		TOTAL LIBRARY	418,298	120,000	114,293	71,550	27,890

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		POLICE DEPARTMENT					
101202	4325	Adult Oriented Bus Permit	4,213	2,500	800	2,500	2,500
101202	4329	Miscellaneous Permit	-	-	50	-	-
101202	4408	Federal Reimbursement	-	4,200	-	-	-
101202	4412	POST Training Reimbursement	25,661	15,000	20,000	20,000	20,000
101202	4414	IRNET Reimbursement	17,211	6,500	9,000	7,500	7,500
101200	4415	Cost Recovery/Reimbursed Exp	55,116	30,000	5,844	30,000	30,000
101202	4415	Cost Recovery/Reimbursed Exp	3,219	-	18,000	-	-
101204	4415	Cost Recovery/Reimbursed Exp	291,987	360,000	360,000	360,000	360,000
101202	4525	Depositions	3,698	4,250	5,250	5,250	5,250
101202	4526	Fingerprinting/Bkgrd Check	2,314	1,500	1,500	-	-
101202	4529	Police Reports	2,849	3,000	3,000	3,000	3,000
101202	4579	Vehicle Impound Fees	49,805	40,500	45,000	45,000	45,000
101202	4580	Tow Fees	41,920	35,000	30,000	35,000	35,000
101200	4584	Contract Services			960	-	-
101202	4584	Contract Services	2,232	2,232	2,232	2,232	2,232
101200	4606	False Alarm Fees	19,716	19,500	8,000	5,000	5,000
101202	4607	Booking Restitution	1,064	-	-	-	-
101202	4810	Returned Check Fee	43	-	-	-	-
101200	4812	Sale of Surplus Property	15,089	-	-	-	-
101202	4812	Sale of Surplus Property	238	-	1,138	-	-
101202	4814	Miscellaneous Receipts	11,437	7,500	7,500	7,500	7,500
101202	4819	Donations	26,000	32,297	2,800	-	-
		TOTAL POLICE DEPARTMENT	573,812	563,979	521,074	522,982	522,982
		POLICE - ANIMAL CONTROL					
101203	4415	Cost Recovery/Reimbursed Exp	88,875	96,954	96,954		
101203	4534	Animal Adoptions	25,001	35,000	38,000		
101203	4535	Boarding Fees	3,290	4,500	2,750		
101203	4536	Owner Release for Adoption	6,930	4,500	4,500		
101203	4537	Shelter Apprehension Fees	4,373	6,500	2,200		
101203	4538	Shelter Deposit Fees	9,615	17,500	10,500		
101203	4583	Trap Rentals	-	-	95		
101203	4585	Animal Pick-Up Reimb (NPDES)	19,635	15,000	20,000		
101203	4602	Code Enforcement Abatement	1,815	3,000	2,000		
101203	4819	Donations	31,155	-	24,921		
		TOTAL POLICE - ANIMAL CONTROL	190,689	182,954	201,920		
		FIRE DEPARTMENT					
101251	4310	Cert of Occupancy	4,530	10,000	5,000	7,000	8,000
101251	4327	Special Fire Permits	46,942	50,000	50,000	55,000	60,000
101251	4328	Fire Permits	3,159	10,000	5,000	7,000	8,000
101250	4409	Mutual Aid Reimbursement	344,739	500,000	450,000	600,000	600,000
101250	4415	Cost Recovery/Reimbursed Exp	52,605	25,000	54,000	55,000	55,000
101251	4415	Cost Recovery/Reimbursed Exp	1,013	-	1,000	1,000	1,000
101251	4503	Plan Check	27,782	50,000	25,000	25,000	27,000
101251	4517	Inspections	12,750	20,000	15,000	15,000	17,000
101251	4519	Weed Abatement	-	10,000	-	-	-
101251	4520	State Mandated Inspect.	569	1,000	1,000	1,000	1,200
101250	4531	City Classes/Programs	17,213	5,000	10,000	12,000	15,000
101251	4602	Code Enforcement Abatement	1,000	500	500	500	700
101250	4603	Fire Alarms	-	1,000	500	500	500
101250	4812	Sale of Surplus Property	834	-	-	-	-
101250	4819	Donations	-	5,000	1,000	-	-
		TOTAL FIRE DEPARTMENT	513,136	687,500	618,000	779,000	793,400

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		FCS - ANIMAL SERVICES					
101311	4415	Cost Recovery/Reimbursed Exp				135,000	135,000
101311	4534	Animal Adoptions				38,000	40,000
101311	4535	Boarding Fees				4,000	4,000
101311	4536	Owner Release for Adoption				4,500	4,500
101311	4537	Shelter Apprehension Fees				3,000	3,000
101311	4538	Shelter Deposit Fees				10,000	10,000
101311	4583	Trap Rentals				95	95
101311	4585	Animal Pick-Up Reimb (NPDES)				15,000	15,000
101311	4602	Code Enforcement Abatement				3,000	3,000
		TOTAL FCS - ANIMAL SERVICES				212,595	214,595
		RECREATION & SENIOR SERVICES					
101309	4415	Cost Recovery/Reimbursed Exp	33	-	-	-	-
101309	4530	Contract Classes	104,796	190,000	190,000	355,714	355,714
101309	4531	City Classes/Programs	-	20,000	-	-	-
101309	4533	Lighting Fees	20,825	18,000	19,658	20,641	21,673
101309	4545	Program Income	8,760	12,000	7,389	7,758	8,146
101309	4802	Concessions (Payphone)	-	-	282	-	-
101309	4812	Sale of Surplus Property	1,841	-	-	-	-
101309	4813	Rental Income	46,216	100,000	105,000	200,000	250,000
101309	4814	Miscellaneous Receipts	70	-	3	-	-
101309	4815	Game Income	190	2,000	437	459	482
101309	4819	Donations	5,193	43,728	44,393	-	-
		TOTAL RECREATION & SENIOR SERVICES	187,924	385,728	367,162	584,572	636,015
		FACILITIES AND COMMUNITY SERVICES DEPARTMENT					
101303	4312	Sign Permits	875	-	1,500	1,500	1,500
101300	4415	Cost Recovery/Reimbursed Exp	83,802	40,000	152,000	85,000	92,000
101301	4415	Cost Recovery/Reimbursed Exp	1,071	-	-	-	-
101302	4415	Cost Recovery/Reimbursed Exp	332	332	592	-	-
101303	4415	Cost Recovery/Reimbursed Exp	25,176	-	8,365	352,000	322,000
101304	4415	Cost Recovery/Reimbursed Exp	6,023	-	-	-	-
101305	4415	Cost Recovery/Reimbursed Exp	(6,279)	-	-	-	-
101306	4415	Cost Recovery/Reimbursed Exp	-	-	150	-	-
101310	4415	Cost Recovery/Reimbursed Exp	-	-	32	-	-
101300	4523	Abandoned Prop Inspections	678	-	340	-	-
101306	4524	Rental Property Inspections	229,348	150,000	150,000	130,000	140,000
101303	4533	Lighting Fees	-	-	345	-	-
101300	4584	Contract Services	(6,388)	-	-	-	-
101303	4584	Contract Services	2,955	-	2,955	2,955	2,955
101300	4602	Code Enforcement Abatement	136,228	200,000	100,000	120,000	130,000
101300	4702	Litter Control Fees	6,708	1,000	3,878	4,072	4,275
101304	4703	Street Cleaning Fees	341,876	340,000	296,431	311,252	326,815
101300	4725	Landfill Mitigation Fees	271,978	250,000	149,954	157,451	165,324
101303	4809	Finance Charges	70	-	350	-	-
101306	4810	Returned Check Fee	129	-	-	-	-
101303	4811	Land Sale Proceeds	4,264	-	-	-	-
101302	4812	Sale of Surplus Property	10,440	-	-	-	-
101300	4813	Rental Income	1,000	-	-	-	-
101303	4813	Rental Income	89,129	-	90,540	95,067	99,820
101310	4813	Rental Income	-	1,501,971	1,382,190	1,742,329	1,374,934
101300	4814	Miscellaneous Receipts	67	-	-	-	-
101303	4814	Miscellaneous Receipts	77,617	-	-	-	-
101303	4819	Donations	1,000	-	-	-	-
		TOTAL FACILITIES & COMM SERVICES DEPARTMENT	1,278,099	2,483,303	2,339,622	3,001,626	2,659,623

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		ENGINEERING					
101400	4305	Building Permits	8,007	8,000	15,300	16,000	17,000
101400	4308	Grading/Paving Permits	45,420	20,000	51,700	54,000	57,000
101400	4316	Street Permits	476,951	225,000	400,000	420,000	441,000
101400	4319	NPDES Permits	173,046	140,000	120,000	126,000	132,000
101400	4322	Conditional Use Permit	10,660	8,000	11,900	12,000	13,000
101400	4415	Cost Recovery/Reimbursed Exp	77,177	33,800	37,000	24,000	25,000
101400	4503	Plan Check	206,719	100,000	170,500	179,000	188,000
101400	4505	CRA Review	9,594	6,000	15,300	16,000	17,000
101400	4506	Map Review	48,771	25,000	90,000	95,000	100,000
101400	4507	Street Vacation	2,248	-	2,248	2,000	2,000
101400	4512	Development Agreements	6,244	3,000	10,000	11,000	12,000
101400	4522	WQMP Review Admin	50,627	30,000	54,300	57,000	60,000
101400	4578	Street Trench Cut Fee	26,950	20,000	24,000	25,000	26,000
101400	4812	Sale of Surplus Property	746	-	-	-	-
		TOTAL ENGINEERING DEPARTMENT	1,143,160	618,800	1,002,248	1,037,000	1,090,000
		TOTAL GENERAL FUND (101)	82,782,239	100,252,157	105,659,601	106,950,531	108,744,617
		GENERAL GOVT GRANTS (200)					
200120	4401	State Grants	221,852	-	-	-	-
200164	4401	State Grants	-	610,000	610,000	-	-
200202	4401	State Grants	35,070	62,520	56,939	-	-
200250	4401	State Grants	26,171	244,500	244,500	-	-
200300	4401	State Grants	4,890	510	510	-	-
200400	4401	State Grants	43,109	3,601,169	3,851,169	-	-
200120	4407	Federal Grants	252,059	-	11,256,047	-	-
200164	4407	Federal Grants	737,937	1,229,877	1,232,905	-	-
200202	4407	Federal Grants	55,597	378,647	353,166	-	-
200250	4407	Federal Grants	1,769,748	168,723	168,723	-	-
200300	4407	Federal Grants	1,762	5,390	5,390	-	-
200400	4407	Federal Grants	288,930	1,699,158	1,699,158	-	-
200202	4408	Federal Reimbursement	4,570	-		-	-
200202	4410	Other Grants	-	28,000	28,000	-	-
200250	4410	Other Grants	20,220	52,242	52,242	-	-
200303	4410	Other Grants	68,016	-		-	-
200309	4410	Other Grants	100,239	150,709	150,709	-	-
200120	4808	Investment Income	63	-	-	-	-
		TOTAL GENERAL GOVT GRANTS	3,630,233	8,231,445	19,709,459	-	-
		EMERGENCY SERVICES (205)					
205250	4101	Current Secured Taxes	1,124,853	1,000,000	1,100,000	1,100,000	1,100,000
205250	4415	Cost Recovery/Reimbursed Exp	3,245	2,500	2,000	2,500	2,500
205250	4532	Non-Resident Fees	-	4,000	31,000	30,000	30,000
205250	4819	Donations	5,300	2,800	2,700	2,500	3,000
		TOTAL EMERGENCY SERVICES	1,133,398	1,009,300	1,135,700	1,135,000	1,135,500
		HOUSEHOLD HAZARDOUS WASTE (206)					
206250	4402	State Reimbursement	-	10,000	-	-	-
206250	4545	Program Income	155,402	50,000	105,000	100,000	100,000
		TOTAL HOUSEHOLD HAZARDOUS WASTE	155,402	60,000	105,000	100,000	100,000
		GAS TAX (207)					
207300	4201	Road Maint. Rehab (Sec 2030)	1,315,347	1,363,009	1,473,777	1,621,931	1,486,239
207300	4202	Gas Tax (Prop 111) 2105	361,476	401,653	420,849	459,075	427,192
207300	4203	Gas Tax 2107	489,138	510,827	573,526	627,170	570,508
207300	4204	Gas Tax Engineering Rcpts.	7,500	7,500	7,500	7,500	7,500
207300	4205	Gas Tax 2106	226,018	246,771	258,068	281,535	262,125
207300	4206	Gas Tax 2103 & Tax 7360	473,373	546,761	603,391	700,795	616,982
		TOTAL GAS TAX	2,872,852	3,076,521	3,337,111	3,698,006	3,370,546

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		LOCAL TRANSPORTATION (209)					
209400	4330	Street Rep Fee-Truck Haul Prmt	8,149	-	-	-	-
209400	4415	Cost Recovery/Reimbursed Exp	60,342	44,000	44,000	-	-
209400	4808	Investment Income	(817)	-	594	-	-
		TOTAL LOCAL TRANSPORTATION	67,674	44,000	44,594	-	-
		MEASURE "I" 2010 (210)					
210400	4004	Measure I Sales Tax	1,612,052	1,429,595	1,801,168	1,825,567	1,837,360
210400	4808	Investment Income	729	9,147			
		TOTAL MEASURE "I" 2010	1,612,781	1,438,742	1,801,168	1,825,567	1,837,360
		PARIS STREET RECONSTRUCTION (211)					
211910	4415	Cost Recovery/Reimbursed Exp	36,186	-	-	-	-
211400	4808	Investment Income	(10,597)	56,095			
		TOTAL PARIS STREET RECONSTRUCTION	25,589	56,095	-	-	-
		AIR QUALITY IMPROVEMENT (221)					
221400	4411	AB2766 Subvention AQMD	115,131	89,000	89,000	89,000	89,000
221400	4808	Investment Income	1,518	1,000			
		TOTAL AIR QUALITY IMPROVEMENT	116,649	90,000	89,000	89,000	89,000
		TRAFFIC SAFETY (223)					
223200	4608	Traffic Fines	34,704	25,000	20,000	25,000	25,000
223200	4609	Red Light Traffic Fines	1,861	2,000	2,000	2,000	2,000
223200	4610	Parking Fines	89,973	175,000	60,000	175,000	175,000
		TOTAL TRAFFIC SAFETY	126,538	202,000	82,000	202,000	202,000
		OPEN SPACE (227)					
227501	4720	Open Spc Acq Fee	120,778	125,000	345,560	500,000	500,000
227501	4808	Investment Income	5,883	-	-	-	-
		TOTAL OPEN SPACE	126,661	125,000	345,560	500,000	500,000
		DOWNTOWN BUSINESS AREA (236)					
236300	4545	Program Income	2,135	3,000	3,000	151,000	154,000
236300	4808	Investment Income	(270)	100	-	-	-
236300	4814	Miscellaneous Receipts	24,762	15,000	30,000	-	-
		TOTAL DOWNTOWN BUSINESS AREA	26,627	18,100	33,000	151,000	154,000
		PARKING AUTHORITY (237)					
237502	4813	Rental Income	9,523	11,000	11,000	11,500	11,500
		TOTAL PARKING AUTHORITY	9,523	11,000	11,000	11,500	11,500
		PUBLIC ART FUND (238)					
238100	4808	Investment Income	20	-	-	-	-
		TOTAL PUBLIC ART FUND	20	-	-	-	-
		TRANSPORTATION DEVELOPMENT ACT (241)					
241400	4401	State Grants	160,967	1,180,448	1,180,448	-	-
		TOTAL TRANSPORTATION DEVELOPMENT ACT	160,967	1,180,448	1,180,448	-	-
		ASSET FORFEITURE (246)					
246200	4611	Drug Confiscation - State	732	5,000	2,175	3,000	3,000
246200	4612	Drug Confiscation - Federal	73,896	132,803	20,324	30,000	30,000
246200	4613	Drug Confiscation-Fed Treas	-	20,000	70,737	80,000	80,000
246200	4614	15% Drug/Gang Prevention-CA	129	476	384	600	600
246200	4808	Investment Income	2,043	-	5,054	6,000	6,000
246200	4812	Sale of Surplus Property	5,450	-	-	-	-
		TOTAL ASSET FORFEITURE	82,250	158,279	98,674	119,600	119,600

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		SUPPLEMENTAL LAW ENFORCEMENT (249)					
249200	4401	State Grants	242,922	299,259	175,059	175,059	225,000
249200	4808	Investment Income	1,157	3,000	1,500	1,500	1,500
		TOTAL SUPPLEMENTAL LAW ENFORCEMENT	244,079	302,259	176,559	176,559	226,500
		PARK & OPEN SPACE DEV (250)					
250300	4719	Park & Open Space Facilities	379,519	750,000	1,500,000	1,500,000	1,500,000
250400	4808	Investment Income	3,404	4,158	-	-	-
		TOTAL PARK & OPEN SPACE DEV	382,923	754,158	1,500,000	1,500,000	1,500,000
		PUBLIC FACILITIES DEV (251)					
251300	4712	Police Facilities	6,939	9,000	28,600	23,000	26,000
251300	4713	Fire Facilities	140,752	170,000	549,000	443,000	509,000
251300	4714	Library Facilities	33,427	50,000	149,000	132,000	152,000
251300	4715	General Government Facilities	159,044	200,000	650,000	522,000	600,000
		TOTAL PUBLIC FACILITIES DEV	340,162	429,000	1,376,600	1,120,000	1,287,000
		ARTERIAL STREET CONSTRUCTION (252)					
252400	4722	Regional Arterial Fee	276,084	240,000	603,000	500,000	575,000
252400	4723	Railroad Crossings Fee	4,631	4,000	10,600	10,000	12,000
252400	4724	Local Arterial Fee	105,502	80,000	225,100	200,000	230,000
252400	4808	Investment Income	12,611	29,308	15,000	12,000	14,000
		TOTAL ARTERIAL STREET CONSTRUCTION	398,828	353,308	853,700	722,000	831,000
		TRAFFIC SIGNALS (253)					
253302	4721	Transportation Facilities	25,350	20,000	109,000	90,000	88,000
253400	4721	Transportation Facilities	(1,331)	-	-	-	-
253400	4808	Investment Income	4,590	9,954	4,500	4,500	4,500
		TOTAL TRAFFIC SIGNALS	28,609	29,954	113,500	94,500	92,500
		FREEWAY INTERCHANGES (254)					
254304	4721	Transportation Facilities	245,554	205,000	400,000	450,000	518,000
254400	4721	Transportation Facilities	(12,890)	-	-	-	-
254400	4808	Investment Income	10,439	23,475	8,000	8,000	8,500
		TOTAL FREEWAY INTERCHANGES	243,103	228,475	408,000	458,000	526,500
		STREET LIGHTING DISTRICT #1 (260)					
260300	4727	Assessment District	25,249	24,300	25,000	25,000	25,000
		TOTAL STREET LIGHTING DISTRICT #1	25,249	24,300	25,000	25,000	25,000
		COMMUNITY FACILITY DISTRICT 2004-1 (261)					
261300	4727	Assessment District	356,455	465,000	540,000	575,000	600,000
261300	4808	Investment Income	275	4,000	1,000	1,000	1,000
261300	4814	Miscellaneous Receipts	30,000	-	-	-	-
		TOTAL COMMUNITY FACILITY DISTRICT	386,730	469,000	541,000	576,000	601,000
		LANDSCAPE MAINTENANCE DISTRICT (263)					
263300	4727	Assessment District	28,766	29,000	29,000	29,000	29,000
		TOTAL LANDSCAPE MAINTENANCE DISTRICT	28,766	29,000	29,000	29,000	29,000
		GENERAL DEBT SERVICE (305)					
305501	4107	Supplemental PY Taxes	59	-	-	-	-
305501	4110	Supplemental - Voter Approved	62,530	30,000	30,000	30,000	30,000
305501	4808	Investment Income	608	-	430	430	430
		TOTAL GENERAL DEBT SERVICE	63,197	30,000	30,430	30,430	30,430
		STORM DRAIN CONSTRUCTION (405)					
405300	4718	Storm Drain Fees	127,781	165,000	330,000	330,000	380,000
405400	4808	Investment Income	7,651	15,561	7,500	7,500	7,500
		TOTAL STORM DRAIN CONSTRUCTION	135,432	180,561	337,500	337,500	387,500

REVENUES

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		SAFETY/CITY HALL REPLACEMENT (406)					
406501	4808	Investment Income	16,647	5,000	7,500	-	-
406501	4811	Land Sale Proceeds	1,386,982	-	-	-	-
		TOTAL SAFETY/CITY HALL REPLACEMENT	1,403,629	5,000	7,500	-	-
		WATER (501)					
501900	4415	Cost Recovery/Reimbursed Exp	207,581	5,000	25	25	25
501900	4503	Plan Check	30,525	10,000	20,000	20,000	21,000
501900	4556	Water Usage	26,999,267	26,279,000	25,000,000	31,897,398	32,577,584
501900	4557	Fire Flow Testing	2,765	3,000	2,500	3,000	3,000
501900	4558	B Contract Water Usage	96,804	106,000	100,000	100,000	105,000
501900	4560	Water Meter Install	36,195	37,000	30,000	32,000	30,000
501900	4564	Irrigation Water Usage	2,991,099	3,086,000	2,800,000	3,000,000	3,100,000
501900	4566	Fire Hydrant Water Usage	211,104	197,000	150,000	150,000	155,000
501900	4568	Fire Protection Water Usage	541,197	427,000	400,000	400,000	420,000
501900	4605	Conservation Violation Penalty	-	5,000	500	500	525
501900	4704	Frontage Charge	308,646	30,000	400,000	40,000	45,000
501900	4808	Investment Income	199,472	765,000	200,000	200,000	210,000
501900	4810	Returned Check Fee	-	-	50	50	50
501900	4812	Sale of Surplus Property	23,540	-	-	-	-
501900	4813	Rental Income	153,150	173,000	110,000	125,000	130,000
501900	4814	Miscellaneous Receipts	158,691	111,000	125,000	100,000	105,000
501900	4825	Capital Contribution	745,870	-	-	-	-
		TOTAL WATER	32,705,906	31,234,000	29,338,075	36,067,973	36,902,184
		WATER PROJECTS (501910)					
501910	4407	Federal Grants	7,500	-	551,799	-	-
		TOTAL WATER PROJECTS	7,500	-	551,799	-	-
		WATER DEBT SERVICE (501930)					
501930	4808	Investment Income	249	1,500			
		TOTAL WATER DEBT SERVICE	249	1,500	-	-	-
		SOURCE ACQUISITION (508)					
508900	4562	Water Source Acq Residential	42,504	100,000	600,000	380,000	437,000
508900	4563	Water Source Acq Non-Res	-	25,000	60,000	40,000	46,000
508900	4808	Investment Income	3,031	5,000	-	-	-
		TOTAL SOURCE ACQUISITION	45,535	130,000	660,000	420,000	483,000
		WATER CAPITAL IMPROVEMENT (509)					
509920	4575	Cap Improv Chrg Non-Res	-	100,000	300,000	300,000	345,000
509920	4576	Cap Improv Chrg Residential	768,417	650,000	1,400,000	1,400,000	1,610,000
509920	4808	Investment Income	3,705	1,500	-	-	-
		TOTAL WATER CAPITAL IMPROVEMENT	772,122	751,500	1,700,000	1,700,000	1,955,000
		SOLID WASTE (511)					
511900	4415	Cost Recovery/Reimbursed Exp	520,922	5,000	19,456	20,000	20,000
511900	4551	SW Service - Residential	8,935,698	8,500,000	8,600,000	9,030,000	9,481,500
511900	4552	SW Service - Non-Residential	7,443,998	7,500,000	7,500,000	7,875,000	8,268,750
511900	4554	Special Hauls & Rolls-Offs	2,622,527	2,500,000	2,700,000	2,835,000	2,976,750
511900	4555	Recycled Material	7,710	15,000	7,000	10,000	10,000
511900	4729	Reimb. Property Damages	-	-	500	-	-
511900	4808	Investment Income	7,984	100,000	11,416	15,000	15,000
511900	4810	Returned Check Fee	43	-	86	-	-
511900	4811	Land Sale Proceeds	-	23,025,000	23,020,436	-	-
511900	4812	Sale of Surplus Property	7,500	2,000	2,000	-	-
		TOTAL SOLID WASTE	19,546,382	41,647,000	41,860,894	19,785,000	20,772,000
		SOLID WASTE PROJECT (511910)					
511910	4401	State Grants	9,840	36,399	36,399		
		TOTAL SOLID WASTE PROJECT	9,840	36,399	36,399	-	-

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		SOLID WASTE DEBT SERVICE (511930)					
511930	4808	Investment Income	183,037	1,000	24		
		TOTAL SOLID WASTE DEBT SVC	183,037	1,000	24	-	-
		SOLID WASTE - LANDFILL (511981)					
511981	4808	Investment Income	-	100,000			
		TOTAL SOLID WASTE LANDFILL	-	100,000	-	-	-
		CALIF ST LANDFILL CLOSURE (517)					
517981	4808	Investment Income	24,999	-	18,783		
		TOTAL CALIF ST LANDFILL CLOSURE	24,999	-	18,783	-	-
		SOLID WASTE CAP IMPROVEMENT (519)					
519920	4575	Cap Improv Chrg Non-Res	116,324	168,117	450,000	475,000	500,000
519920	4576	Cap Improv Chrg Residential	30,550	37,054	-	-	-
519920	4808	Investment Income	16,536	20,000	18,000	20,000	22,000
		TOTAL SOLID WASTE CAP IMPROVEMENT	163,410	225,171	468,000	495,000	522,000
		WASTEWATER SERVICE (521)					
521900	4415	Cost Recovery/Reimbursed Exp	2,827	3,000	18,000	3,000	3,100
521900	4546	Wastewater Residential	7,346,039	7,331,000	7,200,000	7,800,000	8,400,000
521900	4547	Wastewater Non-Residential	2,406,323	2,511,000	2,400,000	2,600,000	2,800,000
521900	4548	Recycled Water Usage	195,884	239,000	130,000	150,000	155,000
521900	4550	Septage Charge	43,130	37,000	50,000	45,000	48,000
521900	4704	Frontage Charge	133,050	30,000	210,000	60,000	69,000
521900	4808	Investment Income	49,534	360,000	65,000	50,000	52,000
521900	4811	Land Sale Proceeds	-	23,025,000	23,020,436	-	-
521900	4812	Sale of Surplus Property	9,500	-	-	-	-
521900	4814	Miscellaneous Receipts	4,016	50,000	295,000	25,000	25,000
521900	4825	Capital Contribution	192,908	-	-	-	-
		TOTAL WASTEWATER SERVICE	10,383,211	33,586,000	33,388,436	10,733,000	11,552,100
		WASTEWATER CAPITAL IMPROVEMENT (529)					
529920	4575	Cap Improv Chrg Non-Res	-	100,000	200,000	200,000	230,000
529920	4576	Cap Improv Chrg Residential	819,385	550,000	1,300,000	1,300,000	1,495,000
529920	4808	Investment Income	25,827	71,000	1,800	20,000	22,000
		TOTAL WASTEWATER CAPITAL IMPROVEMENT	845,212	721,000	1,501,800	1,520,000	1,747,000
		NON-POTABLE WATER (531)					
531900	4572	Non-Potable Water Usage	378,454	354,000	350,000	355,000	360,000
531900	4573	Non-Potable Water Service Charge	250,941	244,000	220,000	225,000	230,000
531900	4704	Frontage Charge	-	10,000	-	-	-
531900	4808	Investment Income	9,908	50,000	12,000	12,000	12,000
		TOTAL NON-POTABLE WATER	639,303	658,000	582,000	592,000	602,000
		NON-POTABLE CAPITAL IMPROVEMENT FUND (532)					
532920	4575	Cap Improv Chrg Non-Res	200,192	30,000	70,000	75,000	80,000
532920	4808	Investment Income	5,254	25,000	5,000	5,000	5,000
		TOTAL NON POT CAP IMPROVEMENT FUND	205,446	55,000	75,000	80,000	85,000
		GROVES (538)					
538900	4415	Cost Recovery/Reimbursed Exp	-	-	277	-	-
538900	4808	Investment Income	(444)	-	44	-	-
538900	4814	Miscellaneous Receipts	676	-	-	-	-
538900	4818	Grove Receipts	95,736	-	-	-	-
		TOTAL GROVES	95,968	-	321	-	-
		GROVES PROJECTS (538910)					
538910	4818	Grove Receipts	589,046	720,000	836,607	850,000	860,000
		TOTAL GROVES PROJECTS	589,046	720,000	836,607	850,000	860,000

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		CEMETERY (562)					
562900	4415	Cost Recovery/Reimbursed Exp	43	-	-	-	-
562900	4540	Cemetery Interment	232,132	165,000	160,316	175,324	184,090
562900	4541	Cemetery Lots	849,887	680,000	650,000	682,500	716,625
562900	4542	Cemetery Crypts	134,565	75,000	165,910	175,058	183,810
562900	4543	Cemetery Perpetual Care	41,520	68,728	130,000	70,000	70,000
562900	4808	Investment Income	9,654	30,000	7,698	10,000	10,776
562900	4809	Finance Charges	16,777	6,800	9,458	7,500	8,500
562900	4810	Returned Check Fee	-	82	86	86	86
562900	4813	Rental Income	34,220	23,250	23,250	27,250	29,250
562900	4814	Miscellaneous Receipts	169,603	97,000	160,000	168,000	176,000
562900	4817	Misc. Taxable Sales	145,129	85,000	110,000	115,500	121,275
562900	4819	Donations	471	500	503	500	500
		TOTAL CEMETERY	1,634,001	1,231,360	1,417,221	1,431,718	1,500,912
		AVIATION OPERATING (564)					
564900	4102	Current Unsecured Taxes	79,616	80,000	80,000	80,000	80,000
564900	4415	Cost Recovery/Reimbursed Exp	6,400	10,000	433	-	-
564900	4707	Tie-Down Fees	6,431	7,000	12,000	12,240	12,485
564900	4708	Gate Access Fee	10,437	6,500	11,000	12,075	12,334
564900	4709	Fuel Flowage Fees	4,369	500	3,000	3,500	3,700
564900	4710	Ground Leases	104,620	114,200	115,000	120,750	126,788
564900	4808	Investment Income	1,270	-	788	-	-
564900	4809	Finance Charges	155	-	-	-	-
564900	4813	Rental Income	193,355	195,000	225,000	229,500	234,090
564900	4814	Miscellaneous Receipts	-	4,000	-	-	-
		TOTAL AVIATION OPERATING	406,653	417,200	447,221	458,065	469,396
		AVIATION PROJECTS/GRANTS (564910)					
564910	4401	State Grants	2,785	15,920	15,920	-	-
564910	4407	Federal Grants	-	194,363	239,363	-	-
		TOTAL AVIATION PROJECTS/GRANTS	2,785	210,283	255,283	-	-
		LIABILITY SELF-INSURANCE (602)					
602900	4415	Cost Recovery/Reimbursed Exp	1,810	5,000	(48)	-	-
602900	4808	Investment Income	(6,335)	5,000	(5,260)	-	-
602900	4810	Returned Check Fee	-	-	86	-	-
602900	4814	Miscellaneous Receipts	897	1,000	7,048	-	-
		TOTAL LIABILITY SELF-INSURANCE	(3,628)	11,000	1,826	-	-
		INFORMATION TECHNOLOGY (604)					
604900	4415	Cost Recovery/Reimbursed Exp	-	200	100	100	100
604900	4705	Int Serv Rcpts: General Fund	1,673,301	2,024,382	2,024,382	4,041,276	4,347,511
604900	4706	Int Serv Rcpts: Non-Gen Fund	2,387,914	2,525,954	2,525,954	2,441,131	2,626,112
604900	4808	Investment Income	5,959	5,000	6,000	-	-
604900	4812	Sale of Surplus Property	25	-	-	-	-
		TOTAL INFORMATION TECHNOLOGY	4,067,199	4,555,536	4,556,436	6,482,507	6,973,723
		WORKERS COMP SELF-INSURANCE (606)					
606951	4415	Cost Recovery/Reimbursed Exp	20,469	-	8,491	-	-
606951	4586	Worker's Comp Receipts	2,416,402	2,740,976	2,740,976	3,026,426	3,272,153
606951	4808	Investment Income	16,824	-	7,942		
		TOTAL WORKERS COMP SELF-INSURANCE	2,453,695	2,740,976	2,757,409	3,026,426	3,272,153
		EQUIPMENT MAINTENANCE (607)					
607900	4415	Cost Recovery/Reimbursed Exp	536,387	320,000	526,199	552,510	580,135
607900	4705	Int Serv Rcpts: General Fund	1,501,932	1,487,215	1,487,215	1,771,388	2,074,587
607900	4706	Int Serv Rcpts: Non-Gen Fund	3,921,527	4,151,758	4,151,758	4,963,929	5,813,576
607900	4803	L/CNG Outside Fuel Sales	642,659	1,000,000	559,187	823,759	830,446
607900	4808	Investment Income	14,059	10,000	16,620	10,000	10,500
607900	4812	Sale of Surplus Property	700	-	-	-	-
607900	4814	Miscellaneous Receipts	-	-	1,473	-	-
		TOTAL EQUIP MAINTENANCE	6,617,264	6,968,973	6,742,452	8,121,586	9,309,244

ORGKEY	OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
		UTILITY BILLING (608)					
608900	4415	Cost Recovery/Reimbursed Exp	234	-	-	300	300
608900	4561	Water Turn-On	7,997	-	8,000	9,000	10,000
608900	4574	Utility Billing Service	1,250,000	980,500	980,500	1,750,000	2,150,000
608900	4808	Investment Income	5,049	20,000	11,000	20,000	20,000
608900	4809	Finance Charges	(881)	-	-	-	-
608900	4810	Returned Check Fee	15,260	12,000	8,500	8,500	8,500
608900	4814	Miscellaneous Receipts	42,936	30,000	30,000	30,000	30,000
608900	4820	Bad Debt Recoveries	1,471	2,000	500	500	500
		TOTAL UTILITY BILLING	1,322,066	1,044,500	1,038,500	1,818,300	2,219,300
		PAYROLL CLEARING ADMIN (609)					
609900	4823	Pension Bond Allocation	1,845,298	1,755,006	1,907,565	1,870,097	392,455
		TOTAL PAYROLL CLEARING ADMIN	1,845,298	1,755,006	1,907,565	1,870,097	392,455
		SIMONDS ENDOWMENT (705)					
705900	4808	Investment Income	121	-	95	-	-
		TOTAL SIMONDS ENDOWMENT	121	-	95	-	-
		PAULINE STANCLIFF MEMORIAL TRUST (706)					
706900	4808	Investment Income	71	-	56	-	-
		TOTAL PAULINE STANCLIFF MEMORIAL TRUST	71	-	56	-	-
		SPECIAL DEPOSIT (801)					
801900	4814	Miscellaneous Receipts	3,577,642	-	-	-	-
		TOTAL SPECIAL DEPOSIT	3,577,642	-	-	-	-
		COMMUNITY FACILITY DISTRICT TRUST (810)					
810962	4415	Cost Recovery/Reimbursed Exp	785,267	730,000	772,175	787,993	801,352
810961	4415	Cost Recovery/Reimbursed Exp	774,908	760,000	751,705	748,308	747,606
810962	4808	Investment Income	65	1,800	100	100	100
810961	4808	Investment Income	58	1,600	100	100	100
		TOTAL COMMUNITY FACILITY DISTRICT TRUST	1,560,298	1,493,400	1,524,080	1,536,501	1,549,158
		OBLIGATION PAYMENT (820166)					
820166	4101	Current Secured Taxes	2,920,874	2,603,288	2,603,288	10,363	-
820166	4808	Investment Income	(1,438)	5,000	-	-	-
		TOTAL OBLIGATION PAYMENT	2,919,436	2,608,288	2,603,288	10,363	-
		SUCCESSOR TO RDA DEBT SVC (820169)					
820169	4808	Investment Income	192,046	-	7	-	-
		TOTAL SUCCESSOR TO RDA DEBT SVC	192,046	-	7	-	-
		TOTAL NON-GENERAL FUNDS	106,639,984	151,439,037	167,641,079	109,899,198	114,222,561

City Clerk

Mission Statement:

The City Clerk's Office is dedicated to promoting open government and offering the public access to all aspects of information about the City government while providing the best possible service to residents, staff, and leadership of the City neutrally and impartially.

Departmental Goals:

- Administrate fair and impartial elections
- Provide efficient service and information to the public
- Provide support services to the City Council and City departments
- Accurately record and maintain the proceedings, actions, and documentation of the City Council, the Redlands Financing Authority, and the Successor Agency to the Redevelopment Agency for legal, administrative, financial, and historical reference
- Work to improve the administration of the office consistent with applicable laws and, through automation, produce more rapid transparent access to government and fulfill the responsibilities of this department to the community

Sustainability Efforts:

- Ongoing effort to digitize all record files for electronic access
- Emphasis on an electronic format for all record requests
- Scanning of City Council, Successor Agency to the Redevelopment Agency, and Financing Authority minutes, contracts, resolutions, and ordinances for electronic access on the City's shared network drive and the records management system, known as Laserfiche

Performance Measures:

- Compliance with noticing requirements of the Brown Act for all meetings of the City Council, the Successor Agency to the Redevelopment Agency, the Redlands Financing Authority, and City Commissions and Boards
- Add 5,000 documents annually to the digital records database
- Provide online records research capability to the public
- Document proceedings associated with all City Council, Successor Agency, and Redlands Financing Authority meetings and make them accessible to the staff and the public in a timely manner
- Meet filing deadline for the economic interest statements from elected officials, appointed commissioners, designated staff members, and consultants
- Meet filing deadline for campaign finance reporting for elected officials, candidates, and committees
- Provide training to staff members to effectively utilize the City's automated records system
- Publish legal notices of ordinances, resolutions, and public hearings in accordance with law

Program Description:

The City Clerk is the record keeper and guardian of our democratic process. In Redlands, the City Clerk is an elected official and is responsible directly to the voters. The department provides service to the public, City Council, City Manager, and all administrative departments and is the election official for the City.

Program Objectives:

- Maintain an open-door policy for the public
- Conduct general and special municipal elections in accordance with the California Elections Code and coordinate ballot measures, arguments, and impartial analysis documents
- Coordinate actions with the County Registrar of Voters during primary, general, and special elections
- Fulfill duties as filing officer for campaign statements for officeholders, candidates, and committees
- Maintain an accurate record of City Council proceedings through a comprehensive general index of all minutes, resolutions, contracts, agreements, and deeds
- Act as secretary to the Successor Agency to the Redevelopment Agency and the Redlands Financing Authority and maintain an accurate record of their proceedings through a comprehensive general index of all minutes, resolutions, contracts, agreements, and deeds
- Act as Custodian of the City Seal and Custodian of the City's vital records from 1888 to1964
- Fulfill duties as Financial Disclosure Officer for conflict of interest filings for elected officials, designated staff, and various consultants
- Coordinate legal publications and notices of ordinances, resolutions, and public hearings in accordance with law
- Follow legal procedures for noticing all public meetings of the City Council, the Successor Agency to the Redevelopment Agency, the Redlands Financing Authority, and all City Commissions and Boards
- Maintain an open, diplomatic and neutral relationship with news media
- Maintain the Redlands Municipal Code
- Research, disseminate, and provide information regarding City records as necessary
- Provide accessibility to City Council approved records through the City's website
- Manage the electronic recordation of City documents
- Administer and file oaths of office

Department Innovations

E-Filing – Form 700 Conflict of Interest and Campaign Finance Reporting: FY 2022-23 procurement to establish e-filing and management capability for automation of Campaign Finance Reporting for elected officials and committees and establish e-Filing for Statement of Economic Interest Forms (Form 700s) for elected officials, appointed commissioners, and designated staff members. Improves office efficiency, streamlines the reporting processes using an electronic filing system, promotes transparency, and reduces paper.

Real-time Updates – The City's archiving system, known as Laserfiche, allows the public the ability to browse, search, retrieve, download, and print documents. This enhances citizen awareness and promotes accountability and trust in government.

Strategic Goals – Supports Sustainability by enhancing fiscal and operational practices for maintaining fiscal stability, transparency, and data-driven decisions. Supports Equity and Inclusion by enhancing communication and engagement to ensure all parts of the community have easy access to information

Accomplishments for Fiscal Year 2021-2022:

- Managed the submission of a voter initiative ordinance and coordinated efforts with the Registrar of Voters for signature verification in accordance with the California Elections Code

- Established the Certification of a voter initiative ordinance and ordered its submittal to the City's qualified voters on the November 8, 2022 ballot, in accordance with the California Election Code
- Managed finance reporting documents for one committee associated with the voter initiative petition
- Coordinated the submission of economic interest statements from one hundred sixty-one positions, including, elected officials, appointed commissioners, designated staff members, and consultants
- Managed the biannual campaign finance reporting of seven elected officials and eight committees
- Documented proceedings and decisions associated with all City Council, Successor Agency, and Redlands Financing Authority regular and special meetings establishing the historical record
- Enhanced accessibility to City Council documents, including minutes, resolutions, ordinances, contracts, and deeds and easements directly through the City's website
- Digitized City Council documents to document storage system, known as Laserfiche
- Conducted City Bid Openings in an impartial way
- Managed and tracked Council Member Ethics Training requirements
- Electronically recorded City documents as needed
- Complied with the noticing requirements of the Brown Act for all public meetings
- Published legal notices of ordinances, resolutions, and public hearings in accordance with law
- Maintained the Redlands Municipal Code

Significant Program Changes:

- Administer the November 8, 2022, Municipal Election for three Council Member seats, Districts 1, 3, and 5, and the voter initiative ordinance measure, in accordance with the California Elections Code

DEPARTMENT/DIVISION
CITY CLERK

FUND
GENERAL FUND

ORGKEY
101110

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	72,198	117,663	115,418	133,210	133,210
5002	Salaries: Part-Time	29,267	18,010	637	18,010	18,911
5202	Holiday Pay	-	-	834	-	-
5204	Accrual Payout	648	-	-	-	-
5401	Pension Contributions	19,664	34,311	33,899	39,550	40,496
5501	FICA/Medicare	8,166	10,723	8,869	11,913	11,981
5601	Deferred Compensation	1,845	1,845	1,845	1,845	1,845
5701	Health/Dental Insurance	4,296	12,328	15,700	9,575	10,054
5702	Workers' Comp Insurance	3,411	3,837	3,837	6,916	7,477
5703	Disability Insurance	755	460	1,188	529	529
5704	Unemployment Insurance	291	1,302	1,401	1,302	1,302
5705	Life Insurance	-	126	64	126	126
5802	Eyecare Reimbursement	-	225	225	225	225
5803	Clothing Allowance	-	300	300	300	300
5903	Other Taxable Benefits	429	4,200	4,200	4,200	4,200
	TOTAL SALARIES AND BENEFITS	140,970	205,330	188,417	227,700	230,656
	SERVICES					
6201	Elections	143,771	150,000	200	300,000	150,000
6401	Meeting & Prof Development	150	500	-	1,500	1,575
6402	Travel Expense/Reimbursement	-	100	-	225	237
6601	Postage	306	500	500	550	578
6710	Special Contractual Services	3,803	19,197	5,000	14,250	14,963
6802	Info Tech Service Charges	7,984	9,259	9,259	29,628	31,873
6901	Printing and Binding	332	700	500	735	772
6902	Advertising	10,973	16,000	16,000	16,800	17,640
6906	Office Equip & Furn Rent	3,147	2,250	2,250	2,363	2,481
6907	Comms Service & Rental	973	925	925	972	1,021
6909	Subscriptions & Memberships	432	350	350	400	420
	TOTAL SERVICES	171,871	199,781	34,984	367,423	221,560
	SUPPLIES					
7002	Office Supplies	921	1,000	1,000	1,050	1,103
7101	Office Equipment & Furniture	-	500	500	525	551
	TOTAL SUPPLIES	921	1,500	1,500	1,575	1,654
	DEPARTMENT TOTAL	313,762	406,611	224,901	596,698	453,870

City Council

Mission Statement:

The City Council is dedicated to responding to the changing needs in our community and to ensuring that Redlands remains a distinctive place in which to live and work.

Departmental Goals:

- Hold regular meetings to conduct City business and hear public input on all issues
- Remain open and responsive to the concerns of the community
- Formulate policies and goals and, through the City Manager, direct the use of resources for the attainment of these policies and goals
- Monitor and seek to influence state and federal legislation to better address the concerns of the City of Redlands
- Encourage community involvement through the appointment of citizens to City-sanctioned commissions, boards, and committees

Program Description:

The City Council provides direction upon which all City actions, programs, and priorities are based. The City Council relies on the input of the City Manager and his staff, as well as recommendations from various commissions and boards. The Council further represents City interests through participation in local and regional organizations.

Program Objectives:

- Conduct regular bi-monthly meetings and special meetings as necessary to effectively complete the City's business
- Maintain active participation in various local and regional organizations
- Provide input to the appropriate legislators on issues that will affect the City

DEPARTMENT/DIVISION
CITY COUNCIL

FUND
GENERAL FUND

ORGKEY
101100

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	67,231	87,504	84,992	97,433	100,389
5002	Salaries: Part-Time	28,846	24,270	-	-	-
5006	Elected Official Compensation	30,339	30,000	28,272	57,000	84,000
5101	Overtime Salaries	1,462	-	1,564	5,842	5,857
5202	Holiday Pay	543	-	789	-	-
5203	Bonus	1,053	-	-	-	-
5204	Accrual Payout	2,252	-	4,076	-	-
5301	Banked Leave Buy Back	-	3,904	-	5,842	5,857
5401	Pension Contributions	24,720	25,731	29,660	29,159	30,751
5501	FICA/Medicare	9,121	10,244	8,213	11,201	13,549
5601	Deferred Compensation	10,700	1,327	6,296	1,356	1,356
5701	Health/Dental Insurance	31,118	30,193	26,893	19,304	20,269
5702	Workers' Comp Insurance	2,274	2,741	2,741	2,766	2,991
5703	Disability Insurance	-	133	148	291	305
5704	Unemployment Insurance	348	2,676	2,779	2,660	2,660
5705	Life Insurance	40	55	67	71	71
5802	Eyecare Reimbursement	-	198	198	254	254
5803	Clothing Allowance	301	75	75	150	150
5903	Other Taxable Benefits	526	832	832	861	861
	TOTAL SALARIES AND BENEFITS	210,874	219,883	197,595	234,190	269,320
	SERVICES					
6102	Legal Services	4,047	100,000	24,031	200,000	25,000
6106	Other Professional Services	-	-	5,728	-	-
6401	Meeting & Prof Development	350	2,500	1,328	2,500	2,625
6402	Travel Expense/Reimbursement	-	2,500	1,251	3,395	3,565
6403	Training	356	2,500	303	2,500	2,625
6510	Other Insurance	3,205	3,500	3,205	3,500	3,675
6601	Postage	518	300	124	130	137
6708	Special Program Expenditures	11,665	48,335	42,334	10,200	10,710
6802	Info Tech Service Charges	9,837	9,259	9,259	11,851	12,749
6901	Printing and Binding	544	1,500	6,797	7,137	7,494
6906	Office Equip & Furn Rent	3,529	11,500	2,306	2,421	2,542
6909	Subscriptions & Memberships	68,546	78,645	73,500	77,175	81,034
	TOTAL SERVICES	102,597	260,539	170,165	320,809	152,155
	SUPPLIES					
7002	Office Supplies	1,090	2,500	502	1,000	1,050
7807	Food	-	-	-	250	263
	TOTAL SUPPLIES	1,090	2,500	502	1,250	1,313
	DEPARTMENT TOTAL	314,561	482,922	368,262	556,249	422,788

City Manager

Mission Statement:

The City Manager's Office is dedicated to managing all City services in the most efficient, effective, and economical manner possible while maintaining excellent customer service through a high degree of professionalism.

Departmental Goals:

- Implement the policy direction of the City Council
- Provide leadership and direction to all City departments
- Promote favorable working relationships with our business community, community organizations, and citizens
- Promote transparency in government
- Guard the quality of life that residents enjoy through the maintenance of existing programs and service levels

Sustainability Efforts:

- Continued implementation of paperless processes
- Purchase and use of recycled paper for copying and printing
- The ongoing effort to scan and store files electronically

Program Description:

The City Manager's Office provides centralized direction and leadership for the effective administration and operation of all municipal services for the City of Redlands as directed by the City Council. Operating under the traditional Council-Manager form of government, the City Manager is appointed by the five-member City Council and is responsible for the day-to-day operations of the City. The City Manager's Office leadership team includes two Assistant City Managers and a Public Information Officer. The office provides strategic direction to departments and monitors the progress made toward achieving the goals and objectives.

The City Manager's office is committed to developing a culture of innovation by integrating strategic management and best practices into government operations. By doing so, the organization continually improves performance, maximizes efficiencies, and creates value for the tax dollar.

Program Objectives:

- Provide leadership, management, and direction to all City departments
- Compile and distribute agenda packets for all Council meetings
- Oversee the preparation of the annual budget
- Guide the City's Strategic Plan and Vision
- Be available to the public as the need arises
- Maintain effective working relationships with other cities, counties, state and federal agencies

Accomplishments for Fiscal Year 2021-2022:

- Provided leadership, management, and direction to all City departments
- Maintained continuity of operations throughout the COVID-19 Pandemic
- Coordinated and assembled 22 City Council Regular Meeting Agenda Packets and 8 City Council Special Meeting Agenda Packets.
- Coordinated City Council Meeting E-Agenda Packets.
- Coordinated and processed approximately 250 resident service requests.
- Review an average of 48 agenda items per City Council meeting

Communications and Community Relations

The Communications and Community Relations division of the City Manager's office oversees the City's communication initiatives, and social media platforms and responds on behalf of the City to inquiries from the media and the public. The division educates and informs residents, visitors, and businesses about City programs, services, and events. Using targeted communication strategies in cooperation with other City departments, the division engages the community in the governmental process, facilitates transparency, enhances tourism, supports local industries, promotes business attraction and retention, and increases participation in City programs and activities to generate additional revenue and to strengthen the quality of life. Included in the division is Redlands TV (RTV), the City's government access cable TV facilities and operations. RTV televises and records live events, such as City Council and Planning Commission meetings, provides a Community Events Bulletin Board, and creates or contracts original informational videos highlighting City services and programs. RTV programming is available to cable television subscribers through Spectrum (Channel 3) and Frontier Communications (Channel 35).

Program Objectives:

- Administer the City's community relations and public information programs, including media relations, videos, and other information on Redlands TV, the City's social media platforms, and other communications avenues.
- Provide a forum for community events and public service messages relevant to Redlands audiences.
- Continually explore new platforms and communications and outreach avenues, incorporating them into the overall communication and outreach strategy.
- Regularly televise all City Council and Planning Commission meetings with scheduled replays intended to provide access for all Redlands citizens.
- Use available video technology and media to provide an outlet, informing Redlands residents of available City events and services or specific public service information.

Accomplishments for Fiscal Year 2021-2022:

- Developed a comprehensive Communications and Community Outreach Strategic Plan for presentation to the City Council. The plan will provide support to the City budget and strategic planning initiatives.
- Provided staff support and facilitated completion of the National Community Survey, a benchmarking survey that provided a comprehensive picture of livability and resident perspectives and attitudes on government services, policies, and management. The survey

provides and benchmark to measure Redlands against other similar communities and a baseline for measuring the progress of City service enhancements and initiatives.

- Provided staff support and helped to facilitate the development of the City's Six-Year Strategic Plan.
- Promoted transparency in government through:
    - Live broadcasting of all City meetings and Planning Commission meetings on Redlands TV; Web-streaming of live City Council meetings and archived meeting videos
    - Promoted open, clear, and frequent communication through:
        - Monitored community social networking sites, kept staff apprised of public reactions to City issues, and responded when appropriate
        - Redlands 311 mobile app
        - City's Speakers Bureau
        - Issuance of approximately 300 press releases promoting City activities and economic development, providing public safety information, and providing information on City Council actions
    - PIO responded to numerous unique press requests not related to press releases
- Produced regular video series including:
    - Working for You: Making Redlands a Better Place – A monthly video series highlighting individual employees and their contributions to the overall mission of the City to provide superior service to residents;
    - Redlands Making Progress – Developed a new video series highlighting progress on capital and maintenance projects that improve facilities and infrastructure for the benefit of residents and businesses;
    - Pet of the Week – A weekly video series introducing adoptable animals from the Redlands Animal Shelter;
    - Storytime – A multipart video series featuring A.K. Smiley Library staff reading stories for children at various age levels.
    - Various public safety videos provided tips to residents on items such as fraud, catalytic converter theft, and the Citizen Volunteer Patrol.
- Provided support to all City departments taking video/photos of city services.
- Monitored and created all Public Service Announcements for Redlands television Bulletin Board.
- Provided support to all other departments and City Council in media interviews.
- Monitored press coverage of the City, including newspapers, television, and radio, and provided periodic news digests to staff and elected officials.
- Provided support to all City departments in preparing and reviewing memos and other written communication for both internal and external distribution.

<u>Grants Coordinating Office</u>

The Grants Coordinating office was established in September 2021 and is a new division of the City Manager's office. The division is responsible for performing a variety of duties related to grant development, grant writing, and grant monitoring and reporting. Working with departments throughout the City, the Grants Coordinating office also researches grant opportunities to determine applicability, prepares grant applications, compiles proposed project information, and aligns project needs with fund goals. The division monitors grant activity, composes and submits quarterly grant reports on project progress, and is responsible for submitting all final close-out grant materials.

Program Objectives:

- Maintain grant records and files
- Communicate grant projects to the community and solicit feedback for program implementation
- Provide information and assistance to departments in applying for grants
- Provide centralized information regarding grant funding opportunities, Uniform Guidance requirements, and other compliance
- Implement grant projects
- Coordinate grant activities with other departments

Accomplishments for Fiscal Year 2021-2022:

- Coordinated the application submission of the Homekey 2 State grant application for the conversion of a local hotel into 99 permanent supportive housing units for at-risk, homeless, and chronically homeless individuals
- Aid in the administration of the City's allocation of Coronavirus State & Local Fiscal Recovery Funds issued through the American Rescue Plan Act (ARPA) while ensuring compliance with Federal Grant Regulations and Treasury Department Guidelines

Purchasing and Stores

The Purchasing and Stores division is responsible for performing the City's procurement function per Chapter 2.16 of the City's Municipal Code and all other applicable procedures and policies as established by the City. This division is also responsible for procurement and inventory of materials and supplies in support of all City departments and handles items declared as surplus for redistribution or disposal per the City ordinance.

Program Objectives:

- Continue to process purchase requisitions for supplies and services as quickly and efficiently as possible following purchasing procedures
- Compile, review, and award bids for materials, equipment, services, and supplies
- Utilize an eProcurement system for bids and vendor management which meets the goal of eliminating waste and increasing efficiencies, productivity, and cost savings
- Review and update the City's purchasing policies and procedures as needed and provide citywide training
- Provide prompt service in fulfilling departmental requests for materials and supplies
- Provide reports regarding departments' usage and expense as requested
- Execute and monitor the warehouse program – "Fastenal Automated Supply Technology" (FAST) – Industrial Vending
- Process items declared as surplus for redistribution or disposal per City procedures
- Main objective: Increase citywide efficiencies through software utilization such as PlanetBids (eProcurement) and Tyler Munis (ERP system), and assure procurement compliance, accountability, and cost savings

Accomplishments for Fiscal Year 2021-2022:

- Continuation of the City's Automated Inventory System
- Establishment and further development of an eProcurement system
- Continuous development and implementation of the new ERP system
- Recipient of the 2020 Achievement of Excellence in Procurement (AEP) Award. The AEP is awarded by the National Purchasing Institute (NPI). The program measures innovation, professionalism, eProcurement, productivity, and leadership attributes of the procurement function based on standardized criteria.
- Provide multiple citywide and departmental specific Purchasing training
- Managed all Surplus disposal and sale from all City Departments
- Processed all Purchase Requisition requests and ensure compliance with risk and revenue requirements

HR/Risk Management Office

The HR/Risk Management office is also a division of the City Manager's office. An in-depth division description can be found after the City Manager's office portion of the budget.

DEPARTMENT/DIVISION
CITY MANAGER

FUND
GENERAL FUND

ORGKEY
101120

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	300,056	417,960	363,010	405,542	423,904
5101	Overtime Salaries	-	-	5	-	-
5202	Holiday Pay	543	-	789	-	-
5203	Bonus	1,053	-	-	-	-
5204	Accrual Payout	2,252	-	4,703	-	-
5301	Banked Leave Buy Back	-	4,635	-	6,564	6,616
5401	Pension Contributions	69,510	122,092	66,139	120,633	129,100
5501	FICA/Medicare	16,411	24,020	21,008	23,949	24,955
5601	Deferred Compensation	16,311	8,030	41,180	13,592	13,592
5701	Health/Dental Insurance	28,648	46,986	43,994	45,161	47,419
5702	Workers' Comp Insurance	9,742	10,690	10,690	12,449	13,459
5703	Disability Insurance	-	240	148	291	305
5704	Unemployment Insurance	(578)	1,276	2,319	1,298	1,298
5705	Life Insurance	95	185	168	188	188
5801	Vehicle Allowance	5,160	5,160	7,435	5,160	5,160
5802	Eyecare Reimbursement	-	662	662	673	673
5803	Clothing Allowance	60	135	135	150	150
5903	Other Taxable Benefits	98	1,111	1,111	6,300	6,300
	TOTAL SALARIES AND BENEFITS	449,361	643,182	563,496	641,950	673,119
	SERVICES					
6005	License & Permits	1,460	2,000	1,475	2,100	2,205
6106	Other Professional Services	-	70,000	67,129	10,000	10,500
6304	Telephone	1,999	2,400	2,400	2,400	2,400
6401	Meeting & Prof Development	-	4,500	4,500	4,500	4,725
6402	Travel Expense/Reimbursement	-	1,000	1,640	2,000	2,100
6403	Training	1,131	1,000	980	1,500	1,575
6601	Postage	45	300	100	300	300
6703	Software Support/Development	-	-	-	15,000	15,750
6802	Info Tech Service Charges	10,768	23,148	23,148	53,331	57,372
6901	Printing and Binding	471	1,000	1,500	1,500	1,575
6907	Comms Service & Rental	1,625	1,200	1,200	1,260	1,323
6909	Subscriptions & Memberships	3,219	4,000	3,445	4,200	4,410
	TOTAL SERVICES	20,718	110,548	107,517	98,091	104,235
	SUPPLIES					
7001	Books & Supplies	-	250	-	263	276
7002	Office Supplies	1,437	2,500	2,500	2,625	2,756
7005	Photo & Copying Supplies	(11)	500	-	525	551
7101	Office Equipment & Furniture	1,185	3,000	3,500	5,150	3,500
7802	Purchased Water	287	300	300	315	331
7807	Food	64	500	100	525	551
7810	Special Departmental Supplies	1,037	1,500	500	1,575	1,654
	TOTAL SUPPLIES	3,999	8,550	6,900	10,978	9,619
	DIVISION TOTAL	474,078	762,280	677,913	751,019	786,973

DEPARTMENT/DIVISION
COMMUNICATIONS AND COMMUNITY RELATIONS

FUND
GENERAL FUND

ORGKEY
101121

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	234,189	239,743	290,340	331,470	331,470
5202	Holiday Pay	2,359	-	2,616	-	-
5203	Bonus	878	-	-	-	-
5204	Accrual Payout	6,399	-	2,266	-	-
5301	Banked Leave Buy Back	1,649	24,935	1,649	17,782	17,782
5401	Pension Contributions	67,326	70,088	88,215	98,603	100,961
5501	FICA/Medicare	16,345	19,840	21,863	26,176	26,222
5601	Deferred Compensation	12,947	5,136	34,158	6,139	6,139
5701	Health/Dental Insurance	26,329	23,994	37,970	36,487	38,311
5702	Workers' Comp Insurance	4,547	4,934	4,934	5,533	5,982
5704	Unemployment Insurance	208	1,063	1,143	1,367	1,367
5705	Life Insurance	146	154	177	198	198
5802	Eyecare Reimbursement	-	551	551	709	709
5903	Other Taxable Benefits	393	5,387	323	5,311	5,311
	TOTAL SALARIES AND BENEFITS	373,715	395,825	486,205	529,775	534,452
	SERVICES					
6106	Other Professional Services	6,199	7,500	6,900	29,245	30,707
6304	Telephone	38	-	500	500	525
6401	Meeting & Prof Development	-	1,500	-	1,500	1,575
6402	Travel Expense/Reimbursement	71	500	-	1,500	1,575
6403	Training	-	1,000	600	2,500	2,625
6703	Software Support/Development	-	1,600	1,548	1,625	1,707
6708	Special Program Expenditures	-	-	-	35,000	-
6710	Special Contractual Services	-	-	-	50,000	-
6802	Info Tech Service Charges	12,638	18,518	18,518	23,702	25,499
6803	City Garage Charges	-	-	-	674	789
6909	Subscriptions & Memberships	5,238	6,830	6,830	7,172	7,530
	TOTAL SERVICES	24,184	37,448	34,896	153,418	72,532
	SUPPLIES					
7002	Office Supplies	358	1,000	250	-	-
7004	Uniform/Safety Clothing	-	-	118	500	525
7101	Office Equipment & Furniture	-	1,000	-	1,000	1,050
7810	Special Departmental Supplies	278	1,500	-	5,000	1,500
7812	Audio-Visual Materials	902	-	1,220	1,500	1,575
	TOTAL SUPPLIES	1,538	3,500	1,588	8,000	4,650
	FIXED ASSETS					
8706	All Other Equipment	-	30,000	-	30,000	30,000
	TOTAL FIXED ASSETS	-	30,000	-	30,000	30,000
	DIVISION TOTAL	399,437	466,773	522,689	721,193	641,634

DEPARTMENT/DIVISION
PURCHASING

FUND
GENERAL FUND

ORGKEY
101123

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	182,861	184,808	183,406	185,614	185,614
5101	Overtime Salaries	55	-	9	-	-
5202	Holiday Pay	841	-	904	-	-
5203	Bonus	585	-	-	-	-
5204	Accrual Payout	234	-	256	-	-
5301	Banked Leave Buy Back	2,666	7,420	2,666	8,555	8,555
5401	Pension Contributions	51,725	54,010	55,276	55,235	56,556
5501	FICA/Medicare	13,452	14,555	13,196	14,611	14,642
5601	Deferred Compensation	14,134	3,957	14,071	3,973	3,973
5701	Health/Dental Insurance	19,300	14,968	19,735	13,820	14,511
5702	Workers' Comp Insurance	4,547	4,934	4,934	5,533	5,982
5703	Disability Insurance	414	491	388	540	540
5704	Unemployment Insurance	204	911	1,612	911	911
5705	Life Insurance	133	132	136	132	132
5801	Vehicle Allowance	450	473	225	473	173
5802	Eyecare Reimbursement	300	300	300	300	300
5903	Other Taxable Benefits	168	4,775	4,775	4,791	4,791
	TOTAL SALARIES AND BENEFITS	292,069	291,734	301,889	294,488	296,680
	SERVICES					
6106	Other Professional Services	4,726	10,000	10,000	5,000	5,000
6304	Telephone	494	600	600	630	662
6401	Meeting & Prof Development	-	800	800	840	882
6402	Travel Expense/Reimbursement	-	2,000	2,000	2,100	2,205
6403	Training	-	600	600	630	662
6601	Postage	430	800	400	430	450
6703	Software Support/Development	-	300	300	315	330
6710	Special Contractual Services	-	300	300	315	330
6802	Info Tech Service Charges	8,492	18,518	18,518	23,702	25,499
6901	Printing and Binding	69	4,000	4,000	4,100	4,300
6902	Advertising	-	100	-	-	-
6906	Office Equip & Furn Rent	2,229	2,443	2,443	2,565	2,693
6909	Subscriptions & Memberships	382	900	900	945	992
	TOTAL SERVICES	16,822	41,361	40,861	41,572	44,005
	SUPPLIES					
7002	Office Supplies	1,497	1,750	1,750	1,838	1,929
7003	Awards/Recognition Prgm	400	550	800	840	880
7004	Uniform/Safety Clothing	119	150	150	158	165
7101	Office Equipment & Furniture	-	4,800	4,800	5,040	5,292
7102	Small Tools & Equipment	-	200	200	210	220
7203	Office Equipment Maintenance	-	300	300	315	330
7208	Repair/Maintenance Supplies	16	100	100	105	115
7209	Janitorial Supplies	43	100	100	105	115
7211	Computer Components	2,047	-	2,047	2,149	2,257
7802	Purchased Water	109	178	109	120	135
7806	Promotional Supplies	-	100	100	105	115
7807	Food	-	200	200	210	220
7810	Special Departmental Supplies	-	2,500	2,550	2,550	2,600
7901	Non-Capital Expenditures	-	900	900	945	992
	TOTAL SUPPLIES	4,231	11,828	14,106	14,690	15,365
	DIVISION TOTAL	313,122	344,923	356,856	350,750	356,050

DEPARTMENT/DIVISION
PRINT SHOP

FUND
GENERAL FUND

ORGKEY
101124

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6710	Special Contractual Services	11,668	12,352	12,352	12,970	13,618
6906	Office Equip & Furn Rent	4,454	24,000	5,000	5,250	5,513
6907	Comms Service & Rental	1,390	2,500	2,500	2,625	2,756
6912	Reimbursed Expenditures	(10,738)	(20,000)	(20,000)	(20,000)	(20,000)
	TOTAL SERVICES	6,774	18,852	(148)	845	1,887
	SUPPLIES					
7002	Office Supplies	-	100	100	105	110
7005	Photo & Copying Supplies	724	1,100	1,000	1,100	1,155
7203	Office Equipment Maintenance	1,558	2,500	2,500	2,625	2,756
7810	Special Departmental Supplies	39	4,500	4,500	500	525
	TOTAL SUPPLIES	2,321	8,200	8,100	4,330	4,547
	DIVISION TOTAL	9,095	27,052	7,952	5,175	6,433

DEPARTMENT/DIVISION
CITY MANAGER GRANTS

FUND
GOVERNMENTAL GRANT FUND

ORGKEY
200120

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	171,138	-	5,040,522	-	-
5002	Salaries: Part-Time	47,239	-	-	-	-
5101	Overtime Salaries	20,084	-	-	-	-
5401	Pension Contributions	9,870	-	-	-	-
5501	FICA/Medicare	6,937	-	-	-	-
5701	Health/Dental Insurance	4,824	-	-	-	-
5702	Workers' Comp Insurance	768	-	-	-	-
5703	Disability Insurance	160	-	-	-	-
5704	Unemployment Insurance	930	-	-	-	-
5705	Life Insurance	28	-	-	-	-
5804	Uniform Rental	9	-	-	-	-
	TOTAL SALARIES AND BENEFITS	261,987	-	5,040,522	-	-
	SERVICES					
6106	Other Professional Services	780	-	25,000	-	-
6403	Training	70	-	288	-	-
6703	Software Support/Development	3,897	-	40,261	-	-
6704	Community Grant Award	-	-	200,000	-	-
6708	Special Program Expenditures	-	-	4,724,700	-	-
6710	Special Contractual Services	184,990	-	113,712	-	-
6902	Advertising	-	-	1,000	-	-
6903	Janitorial Services	7,500	-	27,500	-	-
6909	Subscriptions & Memberships	100	-	-	-	-
	TOTAL SERVICES	197,337	-	5,132,461	-	-
	SUPPLIES					
7002	Office Supplies	452	-	127	-	-
7201	Hardware Maint/Replace	44	-	-	-	-
7208	Repair/Maintenance Supplies	8,447	-	-	-	-
7209	Janitorial Supplies	2,295	-	499	-	-
7210	Building Supplies	311	-	-	-	-
7211	Computer Components	-	-	62	-	-
7804	Medical Supplies	124	-	38,538	-	-
7810	Special Departmental Supplies	3,133	-	43,837	-	-
	TOTAL SUPPLIES	14,806	-	83,064	-	-
	FIXED ASSETS					
8401	Wastewater Infrastructure	-	-	1,000,000	-	-
	TOTAL FIXED ASSETS	-	-	1,000,000	-	-
	DEPARTMENT TOTAL	474,130	-	11,256,047	-	-

Human Resources Division

Program Description:

The Human Resources team works collaboratively to develop and administer programs that are designed to increase the effectiveness of staff and the organization. The division provides the full range of human resource services to all City departments, and where applicable, residents and visitors to our community. The primary functions of this division include recruitment and selection, employee benefits administration, wellness, performance management, training, organizational development, personnel data maintenance, volunteer management, state and federal reporting, MOU (Memorandum of Understanding) administration, employee assistance, and labor and employee relations.

Program Objectives:

- Facilitate the recruitment, selection, retention, and promotion of individuals to ensure a talented, diverse workforce
- Market a comprehensive and economical employee compensation and benefits package to attract and retain the highest caliber employees
- Support employee engagement by providing an effective onboarding process and continued training and professional development opportunities
- Ensure compensation and performance management processes are designed to maximize performance and align with the goals of the organization
- Revise and implement Personnel Rules and Regulations and Administrative Policies that create a consistent, positive, and productive organizational culture
- Utilize technology in all aspects of Human Resources to create a cost-effective and efficient operation
- Build upon the Volunteer & Intern Resources program including enhancing the volunteer and intern program and increasing community awareness and involvement through enhanced outreach

Accomplishments for Fiscal Year 2021-22:

Fiscal Year-to-date:

- Recruited and filled 115 positions
- Provided training to employees on sexual harassment, active shooter, driving safety, safe lifting, communication skills, bloodborne pathogens, asbestos awareness, lockout/tagout, COVID-19 prevention and pandemic response, customer service, diversity and inclusion, bullying, time management, workplace violence, change management, IIPP, security awareness, ergonomics, ethics, performance evaluations, supervisory skills, and employee leaves.
- Installed AED devices and provided training to six City locations
- Managed the pandemic and its impact on employees including maintenance of a COVID-19 prevention program.
- Implemented a new online Performance Evaluation management program.
- Created and introduced a telework program for city employees.
- Developed and implemented enhancements to our Workers Compensation program to provide more efficient service to employees.
- Maintained compliance with the Affordable Care Act.

- Revised the Personnel Rules and Regulations to maintain compliance with new legislation.
- Coordinated annual employee appreciation event.
- Introduced new benefits for pet care and college savings plans
- Provided wellness events including mental health webinars and Walktober 10K a day challenge.
- Developed and implemented a new employee orientation and year-long onboarding program.

DEPARTMENT/DIVISION
HUMAN RESOURCES

FUND
GENERAL FUND

ORGKEY
101125

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	157,686	230,879	191,248	460,384	479,193
5002	Salaries: Part-Time	100	-	-	-	-
5202	Holiday Pay	295	-	1,161	-	-
5203	Bonus	878	-	-	-	-
5204	Accrual Payout	1,437	-	4,371	-	-
5301	Banked Leave Buy Back	2,480	7,323	1,479	10,352	14,725
5401	Pension Contributions	41,150	67,549	56,744	115,705	122,511
5501	FICA/Medicare	11,124	16,665	13,850	28,987	30,507
5601	Deferred Compensation	13,618	3,918	11,926	5,655	5,655
5701	Health/Dental Insurance	15,021	26,584	18,943	47,440	48,209
5702	Workers' Comp Insurance	19,136	21,106	21,106	24,321	26,295
5703	Disability Insurance	267	377	230	415	441
5704	Unemployment Insurance	171	1,107	1,376	1,975	1,975
5705	Life Insurance	93	161	123	287	287
5801	Vehicle Allowance			-	-	-
5802	Eyecare Reimbursement	830	574	574	1,024	1,024
5803	Clothing Allowance	240	240	240	240	240
5903	Other Taxable Benefits	1,269	2,713	2,713	2,881	2,881
5904	Tuition Reimbursement	-	-	2,000	-	-
	TOTAL SALARIES AND BENEFITS	265,795	379,196	328,084	699,666	733,943
	SERVICES					
6005	License & Permits	50	-	50	-	-
6007	Penalties and Interest	-	-	5	-	-
6102	Legal Services	31,191	20,000	20,000	22,000	24,500
6105	Medical/Physicals	8,422	15,000	15,000	16,000	17,500
6304	Telephone	1,456	1,500	626	-	-
6401	Meeting & Prof Development	2,096	2,000	2,000	2,200	2,400
6402	Travel Expense/Reimbursement	-	3,000	3,000	3,500	3,500
6505	Retiree Health Insurance	3,456,395	4,230,000	4,064,448	4,568,400	4,933,872
6601	Postage	736	1,000	1,000	1,000	1,000
6702	Fingerprinting	2,153	-	4,047	8,500	8,500
6703	Software Support/Development	544	1,875	2,134	22,275	2,275
6710	Special Contractual Services	492	1,000	250	1,000	1,000
6802	Info Tech Service Charges	106,999	46,296	46,296	94,810	101,994
6803	City Garage Charges	4,449	5,382	-	-	-
6901	Printing and Binding	94	1,500	4	1,000	1,000
6902	Advertising	-	500	-	500	500
6906	Office Equip & Furn Rent	5,958	7,500	7,500	8,250	9,075
6909	Subscriptions & Memberships	19	5,500	5,500	5,500	6,000
	TOTAL SERVICES	3,621,054	4,342,053	4,171,860	4,754,935	5,113,116
	SUPPLIES					
7001	Books & Supplies	149	550	550	500	500
7002	Office Supplies	1,262	2,300	2,000	2,500	2,500
7003	Awards/Recognition Prgm	5,305	10,500	10,500	12,000	12,000
7101	Office Equipment & Furniture	-	5,000	1,500	5,000	5,000
7211	Computer Components	-	3,000	1,000	3,000	3,000
7806	Promotional Supplies	-	800	-	800	800
7807	Food	88	1,200	1,200	2,500	2,500
7810	Special Departmental Supplies	960	3,000	3,000	3,000	3,000
	TOTAL SUPPLIES	7,764	26,350	19,750	29,300	29,300
	DIVISION TOTAL	3,894,613	4,747,599	4,519,694	5,483,901	5,876,359
	DEPARTMENT TOTAL	**5,090,345**	**6,348,627**	**6,085,104**	**7,312,037**	**7,667,449**

Risk Management Division

Program Description:

The Risk Management Division identifies, assesses, and controls risk to the City and ensures a safe and secure work environment. The division manages the processing of all property and general liability claims filed against the City. The division also establishes the City's insurance needs and works with the City's broker to procure appropriate levels of insurance coverage for property and general liability, workers' compensation, crime, and various other policies.

The City contracts with a third-party administrator (TPA) that ensures compliance with all regulations regarding the administration and investigation of all claims. The TPA coordinates with the Risk Management staff, City Attorney, City Manager, and City Council as needed.

Program Objectives:

- Identify potential liability exposures and address them in a proactive, not reactive, manner
- Work closely with the City Attorney and TPA to expedite the disposition of all claims presented to the City
- Ensure maintenance of a database of all claims filed against the City
- Prepare analysis as needed related to the City's need for excess liability insurance
- Act as liaison with the City's insurance broker in the procurement of all property and liability insurance policies maintained by the City
- Assist other departments with insurance-related issues
- Review proposed contractual agreements for appropriate levels of insurance coverage maintained by the other party before the City enters into the agreement
- Review proposed contractual agreements wherein the City must provide coverage, recommend acceptance, or voice concerns and alternative solutions
- Compile and submit the necessary documentation to the City's insurance carriers for reimbursement of losses incurred and for which the City has insurance coverage
- Pursue the City's subrogation rights for property losses caused by others

DEPARTMENT/DIVISION
RISK MANAGEMENT

FUND
LIABILITY SELF INSURANCE FUND

ORGKEY
602900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	86,088	100,252	88,827	166,828	172,402
5202	Holiday Pay	145	-	310	-	-
5204	Accrual Payout	551	-	458	-	-
5301	Banked Leave Buy Back	1,798	2,767	1,277	2,719	2,967
5401	Pension Contributions	28,388	29,233	26,841	29,842	30,938
5501	FICA/Medicare	6,088	7,482	6,336	7,550	7,727
5601	Deferred Compensation	2,770	1,427	3,528	1,427	1,427
5701	Health/Dental Insurance	9,502	12,024	9,888	11,376	11,821
5702	Workers' Comp Insurance	4,779	5,208	5,208	2,766	2,991
5703	Disability Insurance	107	189	90	207	220
5704	Unemployment Insurance	98	521	581	521	521
5705	Life Insurance	60	76	66	76	76
5802	Eyecare Reimbursement	45	270	270	270	270
5803	Clothing Allowance	90	120	120	120	120
5901	Compensated Absences Expense	(1,952)	-	-	-	-
5903	Other Taxable Benefits	173	960	960	960	960
	TOTAL SALARIES AND BENEFITS	138,730	160,529	144,760	224,661	232,439
	SERVICES					
6102	Legal Services	138,107	150,000	215,000	235,000	258,500
6401	Meeting & Prof Development	125	800	800	900	900
6402	Travel Expense/Reimbursement	-	800	800	900	900
6501	Settlements/Judgments	-	10,000	-	10,000	10,000
6502	Property Insurance	735,731	1,005,732	975,765	1,313,170	1,575,804
6505	Retiree Health Insurance	11,164	8,000	12,000	13,200	14,500
6506	Premiums for Excess Coverage	1,118,947	1,307,000	1,272,245	1,557,000	1,790,550
6507	Liability Claims	1,735,798	500,000	500,000	550,000	610,000
6510	Other Insurance	6,891	7,000	15,594	17,160	18,876
6601	Postage	-	100	100	100	100
6710	Special Contractual Services	65,118	70,000	69,000	77,000	77,000
6802	Info Tech Service Charges	78,005	68,333	68,333	11,851	12,749
6901	Printing and Binding	-	100	-	100	100
6906	Office Equip & Furn Rent	713	-	721	750	750
6909	Subscriptions & Memberships	3,665	150	150	175	175
	TOTAL SERVICES	3,894,264	3,128,015	3,130,508	3,787,306	4,370,904
	SUPPLIES					
7002	Office Supplies	-	500	500	500	500
	TOTAL SUPPLIES	-	500	500	500	500
	FUND TOTAL	4,032,994	3,289,044	3,275,768	4,012,467	4,603,843

Workers' Compensation Division

Program Description:

The City of Redlands is self-insured for its Workers' Compensation and contracts with a third-party administrator (TPA) whose focus is to keep abreast of the continually changing Workers' Compensation laws and regulations, assure that the City maintains compliance with these changes, and most importantly facilitates the care needed to return the employee to their pre-injury status. The Workers' Compensation program provides employee treatment through a wide network of healthcare practitioners. To reach the goal of returning an employee to their pre-injury productivity the City, whenever possible, provides modified duty. Modified duty allows the employee to remain an active and productive member of the organization while still recuperating from their injury.

Program Objectives:

- Monitor the performance of the City's TPA for efficiency, service standards, and cost-effectiveness
- Analyze accident data, identify root causes, and coordinate with the department on the implementation of programs to reduce the number of work-related injuries and illnesses
- Implement a wellness-rich environment where employees are provided the tools necessary to realize the healthiest lifestyle possible
- Review status of claims with the TPA adjuster and the City's legal counsel
- Administer the Disability and Industrial Disability Retirement programs in a fiscally responsible manner
- Facilitate a return-to-work (RTW) program for those employees able to work modified duty to reduce time away from work due to injury
- Mitigate potential claims by addressing work/health issues brought forward by employees

DEPARTMENT/DIVISION
WORKERS' COMPENSATION

FUND
WORKERS' COMPENSATION FUND

ORGKEY
606951

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	90,409	102,670	83,723	121,112	125,128
5202	Holiday Pay	145	-	231	-	-
5204	Accrual Payout	604	-	3,726	-	-
5301	Banked Leave Buy Back	1,883	2,748	1,416	2,202	2,446
5401	Pension Contributions	30,885	29,984	24,740	30,013	31,212
5501	FICA/Medicare	6,688	7,664	6,444	7,553	7,755
5601	Deferred Compensation	2,770	1,904	3,895	1,888	1,888
5701	Health/Dental Insurance	8,748	10,086	7,438	9,955	10,206
5702	Workers' Comp Insurance	48,988	-	-	-	-
5703	Disability Insurance	107	189	90	207	220
5704	Unemployment Insurance	98	477	537	477	477
5705	Life Insurance	47	69	41	69	69
5802	Eyecare Reimbursement	45	248	248	248	248
5803	Clothing Allowance	90	120	120	120	120
5901	Compensated Absences Expense	(7,123)	-	-	-	-
5903	Other Taxable Benefits	291	1,101	1,101	945	945
	TOTAL SALARIES AND BENEFITS	184,675	157,260	133,750	174,789	180,713
	SERVICES					
6102	Legal Services	170,634	165,000	85,000	150,000	165,000
6106	Other Professional Services	21,721	23,608	23,908	23,908	24,678
6401	Meeting & Prof Development	-	500	425	550	600
6402	Travel Expense/Reimbursement	-	1,000	1,000	1,200	1,200
6505	Retiree Health Insurance	24,091	15,000	11,031	15,000	16,500
6506	Premiums for Excess Coverage	163,478	210,682	-	241,188	277,366
6509	Worker's Comp Claims	2,452,260	1,300,000	1,600,000	1,500,000	1,650,000
6710	Special Contractual Services	109,382	171,384	200,914	212,095	224,215
6802	Info Tech Service Charges	59,970	45,555	45,555	159,992	172,116
6804	General Govt Service Charge	44,057	45,075	45,075	48,947	51,394
6901	Printing and Binding	13	50	-	50	50
6906	Office Equip & Furn Rent	713	-	721	750	750
	TOTAL SERVICES	3,046,319	1,977,854	2,013,629	2,353,680	2,583,869
	SUPPLIES					
7002	Office Supplies	-	300	300	300	300
7101	Office Equipment & Furniture	-	1,500	1,500	1,500	1,500
	TOTAL SUPPLIES	-	1,800	1,800	1,800	1,800
	DIVISION TOTAL	3,230,994	2,136,914	2,149,179	2,530,269	2,766,383

Safety Division

Program Description:

Employee safety is an organizational responsibility first and foremost, as well as a personal responsibility. The Safety Division of the Human Resources Department is responsible for providing the tools and information necessary for each City division to function at its optimal safety level. To this end, we facilitate the required training our employees are required to maintain to continue working in compliance with OSHA and other regulatory agencies.

Program Objectives:

- Provide a safe work environment for City employees
- Inspect job locations to ensure safe working environments and practices
- Decrease the number of on-the-job injuries
- Comply with OSHA mandates for training and reporting
- Review and update the City's Injury and Illness Prevention Program
- Instill the advantages of safe work behavior in every employee, every day
- Furnish information and resources to departments to develop programs that will help enable them to realize a reduction in the number of preventable injuries
- Coordinate and oversee the City's Safety Committee, develop and implement goals and objectives

DEPARTMENT/DIVISION
SAFETY PROGRAM

FUND
WORKERS' COMPENSATION FUND

ORGKEY
606952

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	95,247	108,507	97,627	100,789	102,332
5202	Holiday Pay	74	-	218	-	-
5204	Accrual Payout	831	-	2,368	-	-
5301	Banked Leave Buy Back	2,062	2,974	1,848	2,840	2,972
5401	Pension Contributions	26,148	31,663	29,282	31,876	32,977
5501	FICA/Medicare	7,090	8,336	7,408	8,264	8,390
5601	Deferred Compensation	1,858	1,792	2,658	1,776	1,776
5701	Health/Dental Insurance	10,602	12,323	11,072	11,878	12,349
5702	Workers' Comp Insurance	665	-	-	-	-
5703	Disability Insurance	67	94	58	104	110
5704	Unemployment Insurance	107	521	551	521	521
5705	Life Insurance	53	76	57	76	76
5802	Eyecare Reimbursement	248	270	270	270	270
5803	Clothing Allowance	60	60	60	60	60
5903	Other Taxable Benefits	176	648	648	570	570
	TOTAL SALARIES AND BENEFITS	145,288	167,264	154,125	159,023	162,402
	SERVICES					
6105	Medical/Physicals	-	2,500	-	2,500	2,500
6401	Meeting & Prof Development	-	1,000	1,000	1,000	1,000
6402	Travel Expense/Reimbursement	-	1,000	-	1,000	1,000
6403	Training	-	5,000	5,000	5,000	5,000
6703	Software Support/Development	-	4,200	-	4,500	4,500
6710	Special Contractual Services	-	1,000	-	1,000	1,000
6804	General Govt Service Charge	5,830	5,965	5,965	6,477	6,801
6901	Printing and Binding	-	200	-	100	100
6909	Subscriptions & Memberships	250	150	-	300	300
	TOTAL SERVICES	6,080	21,015	11,965	21,877	22,201
	SUPPLIES					
7001	Books & Supplies	-	1,000	1,000	1,000	1,000
7002	Office Supplies	-	500	500	500	500
7004	Uniform/Safety Clothing	-	425	15	400	400
7102	Small Tools & Equipment	-	500	5,357	1,000	1,000
7806	Promotional Supplies	4,914	20,000	200	20,000	20,000
7810	Special Departmental Supplies	2,333	500	500	500	500
	TOTAL SUPPLIES	7,247	22,925	7,572	23,400	23,400
	DIVISION TOTAL	158,615	211,204	173,662	204,300	208,003

Training Division

Program Description:

The Human Resources Department is responsible for coordination and oversight of citywide employee training. Focus is directed toward employee development that will apply throughout all levels of the organization to meet necessary skills and provide a network of mentoring and leadership training.

Program Objective:

- Provide a comprehensive menu of training programs to educate employees and ensure the fluid transition for the future, including:
  - Supervisory Training
  - Employee Training
  - Employee Orientation
  - Leadership Development
- Continue to enhance and utilize technology-based management of training programs and training records
- Development of a succession-style training program to develop talent in-house
- Creating feeder positions and career paths to increase tenure and engagement
- Continue compliance with State and Federal training mandates
- Provide educational programs to encourage individual professional development and growth

DEPARTMENT/DIVISION
TRAINING PROGRAM

FUND
WORKERS' COMPENSATION FUND

ORGKEY
606953

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	84,867	161,335	133,542	170,589	177,050
5202	Holiday Pay	79	-	983	-	-
5204	Accrual Payout	1,091	-	2,499	-	-
5301	Banked Leave Buy Back	1,712	3,154	1,508	3,503	3,691
5401	Pension Contributions	23,097	47,068	39,687	48,756	51,341
5501	FICA/Medicare	6,450	12,399	10,357	12,672	13,074
5601	Deferred Compensation	1,686	2,394	2,594	2,378	2,378
5701	Health/Dental Insurance	8,782	20,984	15,581	18,440	19,239
5702	Workers' Comp Insurance	410	-	-	-	-
5703	Disability Insurance	120	94	108	104	110
5704	Unemployment Insurance	107	825	1,078	825	825
5705	Life Insurance	47	120	92	120	120
5802	Eyecare Reimbursement	23	428	428	428	428
5803	Clothing Allowance	120	60	120	60	60
5903	Other Taxable Benefits	168	753	753	675	675
5904	Tuition Reimbursement	47,848	80,000	80,000	80,000	80,000
	TOTAL SALARIES AND BENEFITS	176,607	329,614	289,330	338,549	348,990
	SERVICES					
6401	Meeting & Prof Development	376	2,000	2,000	2,200	2,400
6402	Travel Expense/Reimbursement	-	3,000	3,000	3,300	3,600
6403	Training	184	12,000	12,000	15,000	15,000
6703	Software Support/Development	21,870	21,291	21,428	25,321	27,677
6710	Special Contractual Services	-	1,500	-	3,000	3,300
6804	General Govt Service Charge	14,618	14,955	14,955	16,240	17,052
6901	Printing and Binding	-	500	-	500	500
	TOTAL SERVICES	37,048	55,246	53,383	65,561	69,529
	SUPPLIES					
7001	Books & Supplies	53	1,000	500	1,000	1,000
7002	Office Supplies	-	500	500	500	500
7101	Office Equipment & Furniture	-	5,000	350	5,000	5,000
7211	Computer Components	-	1,500	500	1,500	1,500
	TOTAL SUPPLIES	53	8,000	1,850	8,000	8,000
	DIVISION TOTAL	213,708	392,860	344,563	412,110	426,519
	FUND TOTAL	3,603,317	2,740,978	2,667,404	3,146,679	3,400,905

City Attorney

Mission Statement:

The City Attorney's Office is dedicated to professionally providing the highest quality legal services for all City matters in the most efficient, effective, and economical manner practical to help attain the City Council's goals and the City Departments' program objectives.

Departmental Goals:

- Proactively provide high quality, ethical, and timely legal advice to the City Council, City Manager, City Departments, and appointed boards and commissions, to assist the City Council and City Departments' achieve their goals and objectives.
- Resolve all legal disputes efficiently and cost-effectively, while protecting the City's legal interests.

Sustainability Efforts:

- Inclusion of sustainable measures in public project contracts and procurement documents.
- Continued progress towards "paperless" processes and operations where possible, practical, and effective.
- Purchase and use of recycled paper for copying and printing, and other available recycled products.
- The ongoing effort to scan and store files electronically.

Program Description:

The City Attorney is responsible for providing legal advice and representation to the City Council, City Manager, and City employees, as well as to City Council appointed commissions and boards, as needed. The City Attorney also oversees the prosecution of violations of the City's Municipal Code to ensure compliance with City, state, and federal laws and, regulations, and monitors all City legal matters involving the use of special counsel. The City Attorney also serves as general counsel to the Successor Agency to the former Redevelopment Agency of the City of Redlands.

Program Objectives:

- Provide the highest quality legal services by drafting and/or providing a timely review of all ordinances, resolutions, contracts, and other legal documents in the normal course of City business
- Ensure services are being provided to the City Council and staff as required or permitted by law
- Ensure cost-effective Governmental claim defense and litigation services while assisting, reviewing, and effectively monitoring special counsel services
- Administer and coordinate the City's administrative citation program to ensure compliance with the City's Code and enhance cost recovery for Code Enforcement efforts
- Input, coordinate with all City departments and review the City's compliance with subpoena requests, and requests for documents under the California Public Records Act

Accomplishments for Fiscal Year 2021-22:

- The City Attorney supported the City Council, City Manager, and all City departments, boards, commissions, and committees in achieving the City Council's goals while limiting risk and costs to the taxpayers.
- Completed 571 public records requests.
- Closed 8 lawsuits.

DEPARTMENT/DIVISION
CITY ATTORNEY

FUND
GENERAL FUND

ORGKEY
101150

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	363,978	382,198	369,372	367,031	379,784
5202	Holiday Pay	660	-	566	-	-
5203	Bonus	585	-	-	-	-
5204	Accrual Payout	16,855	-	389,322	-	-
5301	Banked Leave Buy Back	1,618	25,598	1,699	42,574	44,429
5401	Pension Contributions	100,838	111,569	109,295	106,688	113,252
5501	FICA/Medicare	19,580	20,900	26,445	21,032	21,611
5601	Deferred Compensation	59,471	27,468	32,627	7,744	8,000
5701	Health/Dental Insurance	38,576	39,440	36,620	27,706	29,091
5702	Workers' Comp Insurance	3,411	3,837	3,837	5,533	5,982
5704	Unemployment Insurance	213	955	998	955	955
5705	Life Insurance	139	137	145	139	139
5802	Eyecare Reimbursement	-	495	495	495	495
5803	Clothing Allowance	180	740	740	-	-
5903	Other Taxable Benefits	-	-	-	756	756
	TOTAL SALARIES AND BENEFITS	606,104	613,337	972,161	580,652	604,496
	SERVICES					
6102	Legal Services	52,990	30,000	135,507	150,000	157,500
6304	Telephone	1,885	2,000	1,191	2,000	2,100
6401	Meeting & Prof Development	-	1,000	-	1,250	1,313
6402	Travel Expense/Reimbursement	-	500	-	3,000	3,150
6403	Training	645	800	50	1,000	1,050
6601	Postage	202	300	176	185	194
6802	Info Tech Service Charges	17,558	18,518	18,518	23,702	25,499
6901	Printing and Binding	17	200	2,241	2,353	2,471
6909	Subscriptions & Memberships	9,362	9,885	8,793	9,409	10,068
	TOTAL SERVICES	82,659	63,203	166,476	192,899	203,344
	SUPPLIES					
7001	Books & Supplies	66	1,300	100	1,300	1,365
7002	Office Supplies	47	500	207	500	525
7101	Office Equipment and Furniture	-	-	714	100	105
	TOTAL SUPPLIES	113	1,800	1,021	1,900	1,995
	DEPARTMENT TOTAL	688,876	678,340	1,139,658	775,451	809,835

Management Services / Finance Department

Mission Statement:

The mission of the Management Services / Finance Department is to provide effective and timely support services involving a wide range of internal administrative functions to City departments and to play an integral role in enhancing each department's ability to better serve the Redlands community. Towards these efforts, the department focuses on effective management of City finances, sound internal controls, and meaningful financial reporting. The department is also responsible for supporting automation and process efficiencies through technology and works proactively to develop, research, and recommend the best technical solutions to facilitate positive interaction with our City departments, residents, businesses, and visitors.

Departmental Description:

The Management Services / Finance Department is comprised of the following divisions:

- Finance Administration
- Revenue, Office of the Treasurer
- Utility Billing Customer Service
- Innovation & Technology / GIS

The department is focused on providing exceptional customer service to both its internal customers, as well as the community and public at large. The department reports the financial state of the City and ensures the needs of each division are met to better serve the community at all times.

The Management Services Department was created by merging the former departments of Finance and Innovation & Technology to provide added efficiencies, a transition to a new financial information system, and promote responsiveness in the provision of internal services for City departments.

The department is responsible for providing the following major services to the City and its constituents:

- Annual Budget and Financial Reporting
- Support of Treasury Management and Investment through the City Treasurer
- Business License Registrations and Annual Renewals
- Processing Accounts Payable, Accounts Receivable, and Payroll Administration
- Utility Billing and Customer Service for Water, Wastewater, and Solid Waste customers
- Management of the City’s IT Network Infrastructure and Equipment
- Administration of the City’s Geographic Information Systems database and applications

Finance

Program Description:

This division performs the functions of administration, accounting, budgeting, payroll, accounts payable, and accounts receivable. Other responsibilities of the division include administration of all City-related debts/bonds, preparation of regular financial analysis, responsibility for the annual budget process and spending oversight, the performance of periodic internal audits of City operations, as well as coordination of the City's annual audit and preparation of all related reports as required by law.

Program Objectives:

- Prepare an Annual Comprehensive Financial Report (ACFR) that presents an accurate financial picture of the City to the public, financial institutions, and bond rating agencies.
- Plan and coordinate the annual budget process producing a document for adoption by the City Council no later than June 30th of each fiscal year.
- Prepare and submit required reports to State and Federal Agencies.
- Prepare and distribute monthly financial information to all departments by the 20th of each month.
- Prepare and distribute a monthly General Fund Revenue and Expenditure Summary report to the City Council per the City Council's Strategic Plan.
- Prepare and distribute a quarterly General Fund Additional Appropriations report to the City Council per the City Council's Strategic Plan.
- Plan and coordinate the annual audits of the City, Successor Agency to the Former Redevelopment Agency, Gas Tax, and Measure I funds, as well as other grant-related audits as required by federal law.

Accomplishments for Fiscal Year 2021-22:

- Completed continuous enhancements to our new enterprise resource planning system, Tyler Munis, alongside technical support from the Division of Innovation & Technology
- Provided continuous support to the Measure T Oversight Committee to ensure Fiscal Accountability.
- Completed the City's Annual Financial Report for the Year Ended June 30, 2021, and submitted the completed document to the GFOA for the Award of Excellence in Financial Reporting, an award that we have received for the last eighteen years.
- Completed all financial reports as required by law, including the AB 1600 Report on Development Impact Fees, the Recognized Obligation Payment Schedules as required for the Successor Agency, the State Controller's City Financial Transactions report, and the State Controller's Local Government Compensation report.
- Monitored and reported on the City's budget throughout the year and worked with the City Manager, Executive Team, and support staff to develop a two-year budget for the fiscal year 2022-23 and fiscal year 2023-24.

DEPARTMENT/DIVISION
FINANCE

FUND
GENERAL FUND

ORGKEY
101501

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	598,963	685,265	574,185	689,010	713,691
5101	Overtime Salaries	6,919	8,000	10,000	10,000	10,000
5202	Holiday Pay	10,227	-	9,134	-	-
5203	Bonus	1,796	-	-	-	-
5204	Accrual Payout	27,413	-	34,510	-	-
5301	Banked Leave Buy Back	14,070	25,372	16,146	23,150	27,725
5401	Pension Contributions	169,145	200,643	161,542	204,431	216,775
5501	FICA/Medicare	47,783	53,212	44,502	53,525	55,701
5601	Deferred Compensation	5,667	6,935	5,614	7,252	7,506
5701	Health/Dental Insurance	88,261	100,778	83,729	90,214	93,797
5702	Workers' Comp Insurance	28,462	31,521	31,521	30,430	32,901
5703	Disability Insurance	1,860	2,209	2,298	2,411	2,465
5704	Unemployment Insurance	725	3,906	3,900	4,032	4,049
5705	Life Insurance	2,751	567	483	585	588
5802	Eyecare Reimbursement	1,536	2,025	2,025	2,090	2,099
5803	Clothing Allowance	900	1,200	1,200	1,200	1,200
5903	Other Taxable Benefits	2,352	8,063	8,063	12,778	12,838
	TOTAL SALARIES AND BENEFITS	1,008,830	1,129,696	988,852	1,131,108	1,181,335
	SERVICES					
6004	Bank/Collection Agent Fees	34,705	30,000	30,000	31,500	33,100
6007	Penalties and Interest	58,457	-	1,000	1,000	1,000
6008	State Mandated Fees	-	-	2,770	-	-
6102	Legal Services	-	-	468	1,000	1,000
6104	Auditing and Accounting	48,739	108,238	128,500	65,475	67,514
6106	Other Professional Services	123,546	329,714	313,745	272,540	270,785
6304	Telephone	601	800	800	850	900
6401	Meeting & Prof Development	616	8,750	8,750	9,415	10,098
6402	Travel Expense/Reimbursement	-	500	500	525	550
6403	Training	2,344	3,700	3,700	3,885	4,100
6601	Postage	5,585	8,000	8,000	8,400	8,850
6703	Software Support/Development	360	19,688	22,500	22,625	22,800
6710	Special Contractual Services	723	2,369	2,369	2,500	2,750
6802	Info Tech Service Charges	40,928	45,100	45,100	160,364	170,242
6901	Printing and Binding	818	1,200	1,200	1,250	1,300
6902	Advertising	450	1,500	1,500	1,575	1,650
6906	Office Equip & Furn Rent	3,515	2,800	3,700	3,900	4,100
6909	Subscriptions & Memberships	1,224	2,389	2,399	2,665	2,930
	TOTAL SERVICES	322,611	564,748	577,001	589,469	603,669

DEPARTMENT/DIVISION
FINANCE

FUND
GENERAL FUND

ORGKEY
101501

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	9,095	17,850	19,850	26,250	23,735
7003	Awards/Recognition Prgm	610	650	650	685	700
7004	Uniform/Safety Clothing	41	100	100	105	110
7101	Office Equipment & Furniture	-	-	431	-	-
7810	Special Departmental Supplies	-	1,500	1,500	1,575	1,650
7901	Non-Capital Expenditures	-	-	21,900	-	-
	TOTAL SUPPLIES	9,746	20,100	44,431	28,615	26,195
	FIXED ASSETS					
8501	Other Betterments/Improv	-	60,000	90,000	-	-
	TOTAL FIXED ASSETS	-	60,000	90,000	-	-
	DEBT SERVICE					
9101	Interest	-	-	435	-	-
		-	-	435	-	-
	DIVISION TOTAL	1,341,187	1,774,544	1,700,719	1,749,192	1,811,199

Revenue

Program Description:

The Revenue Division has the responsibility for and authorization to collect all city monies and deposit all cash receipts in authorized banks; to maintain and balance records of receipts and disbursements; to responsibly invest city funds through secure, approved methods; to submit quarterly investment reports in compliance with the approved investment policy; and to keep and monitor deposit accounts and records for collateral pledged by banks as security for public funds. The elected City Treasurer oversees the investment responsibilities of this division.

The Division issues business licenses, dog licenses, transient occupancy tax forms, yard sale permits, and preferential parking permits to the public. Staff provide information service at the front counter, the collection of payments for city utility bills, invoices, fees and permits for all city departments and investment revenue for city funds.

Program Objectives:

- Increase departmental efficiency through training, technology, and continual updates of office procedures
- Maintain an investment portfolio and provide reports that are in compliance with Federal and State laws and the City's investment policy
- Maintain an investment portfolio with liquidity to meet the City's budgeted expenditure needs for at least six months
- Update internal procedures as required by changes to the Redlands Municipal Code as it impacts permitted activities or other tax and fee requirements
- Maintain proper internal controls over the City's cash and investments
- Implement the City's Preferential Parking Zone program
- Oversee the Business License program, in coordination with HdL Business License division
- Manage the City's Dog Licensing program, in coordination with the Police Department's Animal Services division
- Coordinate the payment for permits with various City departments to ensure all requirements are met before accepting payment
- Manage all incoming and outgoing ACH, wire or other online banking transactions
- Provide administrative support for the City Treasurer

Accomplishments for Fiscal Year 2021-22:

- Providing online forms for customers to apply for dog licenses, residential parking permits, and yard sales online in an effort to streamline services for customers
- Enhanced procedures for monitoring and projecting cash flow and revenue analysis
- Continued implementation of the business license program through HdL Business License staff
- Conversion of hard copy records to digital records using Laserfische software
- Training of cash handling procedures for Customer Service / Utility Billing staff using Zoom
- Facilitating customer payments in real-time for permit customers during the COVID-19 closure of City Hall to the public
- Preparation of the City Treasurer's Quarterly Investment Reports
- Updated City investment policies and procedures in coordination with City Treasurer
- In coordination with other City departments, delinquent administrative citations and municipal services accounts were enrolled on the County's special assessment tax rolls as liens
- Continued to coordinate with the City's banking providers to ensure account security and best practices were implemented

DEPARTMENT/DIVISION
REVENUE

FUND
GENERAL FUND

ORGKEY
101502

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	165,241	315,198	228,593	351,454	361,561
5002	Salaries: Part-Time	-	6,000	-	-	-
5006	Elected Official Compensation	6,018	6,500	6,500	16,800	16,800
5101	Overtime Salaries	3,916	2,000	750	1,500	1,750
5202	Holiday Pay	6,110	-	13,481	-	-
5203	Bonus	259	-	-	-	-
5204	Accrual Payout	42,551	-	2,299	-	-
5301	Banked Leave Buy Back	6,599	8,977	5,350	8,694	10,004
5401	Pension Contributions	53,770	92,485	71,935	104,526	110,098
5501	FICA/Medicare	16,886	24,930	18,949	28,764	29,610
5601	Deferred Compensation	1,128	3,225	1,776	3,711	3,749
5701	Health/Dental Insurance	24,830	43,848	32,160	45,227	46,256
5702	Workers' Comp Insurance	15,068	16,720	16,720	13,118	14,183
5703	Disability Insurance	1,018	944	1,001	1,793	1,861
5704	Unemployment Insurance	293	2,130	2,695	2,647	2,647
5705	Life Insurance	155	255	215	321	321
5802	Eyecare Reimbursement	214	911	911	1,148	1,148
5803	Clothing Allowance	300	450	450	750	750
5903	Other Taxable Benefits	1,021	2,409	2,409	4,338	4,338
	TOTAL SALARIES AND BENEFITS	345,377	526,982	406,194	584,791	605,076
	SERVICES					
6106	Other Professional Services	274,590	140,286	282,828	302,969	308,908
6304	Telephone	1,181	1,560	1,560	1,750	2,000
6401	Meeting & Prof Development	(85)	350	80	350	500
6402	Travel Expense/Reimbursement	-	200	200	250	300
6403	Training	204	500	3,650	4,000	4,200
6601	Postage	4,084	6,000	3,500	6,300	6,500
6703	Software Support/Development	9,270	9,270	9,670	13,090	10,400
6710	Special Contractual Services	5,819	5,000	7,300	7,104	7,424
6802	Info Tech Service Charges	15,268	16,855	16,855	57,405	60,997
6803	City Garage Charges	599	500	500	500	500
6901	Printing and Binding	-	500	-	500	750
6902	Advertising	-	-	250	300	350
6906	Office Equip & Furn Rent	2,356	3,000	2,600	3,000	3,300
6909	Subscriptions & Memberships	95	450	245	475	500
6911	Bad Debt Expense	-	500	500	500	500
	TOTAL SERVICES	313,381	184,971	329,738	398,493	407,130
	SUPPLIES					
7002	Office Supplies	2,134	8,000	3,200	8,500	8,750
7101	Office Equipment & Furniture	-	-	3,825	4,000	4,500
7211	Computer Components	-	1,500	3,800	1,750	2,000
7810	Special Departmental Supplies	-	-	557	1,000	1,500
7901	Non-Capital Expenditures	2,141	-	4,993	5,000	5,500
	TOTAL SUPPLIES	4,275	9,500	16,375	20,250	22,250
	DIVISION TOTAL	663,033	721,453	752,307	1,003,534	1,034,456
	DEPARTMENT TOTAL	2,004,220	2,495,997	2,453,026	2,752,726	2,845,655

DEPARTMENT/DIVISION

AIR QUALITY IMPROVEMENT

FUND

AIR QUALITY IMPROVEMENT FUND

ORGKEY

221400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	-	-	265	291	320
5401	Pension Contributions	-	-	77	85	93
5501	FICA/Medicare	-	-	20	22	24
5601	Deferred Compensation	-	-	3	3	3
5701	Health/Dental Insurance	-	-	15	16	18
	TOTAL SALARIES AND BENEFITS	-	-	380	418	460
	SERVICES					
6106	Other Professional Services	-	127,342	-	-	-
7901	Non-Capital Expenditures	372,658	-	127,342	-	-
	TOTAL SERVICES	372,658	127,342	127,342	-	-
	FIXED ASSETS					
8501	Other Betterments/Improv	-	-	-	300,000	-
8706	All Other Equipment	-	50,000	-	50,000	-
	TOTAL FIXED ASSETS	-	50,000	-	350,000	-
	FUND TOTAL	372,658	177,342	127,722	350,418	460

DEPARTMENT/DIVISION
OPEN SPACE

FUND
OPEN SPACE FUND

ORGKEY
227501

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6804	General Govt Service Charge	2,416	-	-	-	-
	TOTAL SERVICES	2,416	-	-	-	-
	FUND TOTAL	2,416	-	-	-	-

DEPARTMENT/DIVISION
PARKING AUTHORITY

FUND
PARKING AUTHORITY FUND

ORGKEY
237502

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6307	Electricity & Gas	13,444	18,000	18,000	18,900	19,845
6804	General Govt Service Charge	3,818	3,800	3,800	4,242	4,454
	TOTAL SERVICES	17,262	21,800	21,800	23,142	24,299
	FUND TOTAL	17,262	21,800	21,800	23,142	24,299

DEPARTMENT/DIVISION
GENERAL DEBT SERVICE

FUND
GENERAL DEBT SERVICE FUND

ORGKEY
305501

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6001	Fiscal Agent Fees	3,163	3,165	3,165	3,165	3,165
6106	Other Professional Services	-	530	-	-	-
6804	General Govt Service Charge	253	259	259	281	295
	TOTAL SERVICES	3,416	3,954	3,424	3,446	3,460
	DEBT SERVICE					
9001	Principal	1,345,000	1,480,000	1,480,000	1,620,000	185,000
9101	Interest	406,058	331,692	331,692	250,097	207,455
	TOTAL DEBT SERVICE	1,751,058	1,811,692	1,811,692	1,870,097	392,455
	FUND TOTAL	1,754,474	1,815,646	1,815,116	1,873,543	395,915

DEPARTMENT/DIVISION

SAFETY/CITY HALL REPLACEMENT FUND

FUND

SAFETY/CITY HALL REPLACEMENT FUND

ORGKEY

406501

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6005	License & Permits					
6106	Other Professional Services	2,400	9,200	9,200	-	-
6601	Postage	76	-	-	-	-
6710	Special Contractual Services	-	51,700	139,400	-	-
	TOTAL SERVICES	2,476	60,900	148,600	-	-
	SUPPLIES					
7901	Non-Capital Expenditures	39,051	-	-	-	-
	TOTAL SUPPLIES	39,051	-	-	-	-
	FIXED ASSETS					
8502	Building Acquisitions	-	16,600,000	16,100,000	-	-
8602	Other Land Improvements	83,220	-	-	-	-
	TOTAL FIXED ASSETS	83,220	16,600,000	16,100,000	-	-
	FUND TOTAL	124,747	16,660,900	16,248,600	-	-

Division of Innovation & Technology

Mission Statement:

The mission of the Division of Innovation and Technology is to properly align IT services in support of activities that drive service delivery to residents, visitors, businesses, and the community. Top priorities include automation of manual processes, online customer self-service, open data, and integration of City records (databases) across software applications.

Division Goals:

- Migrate City's core network equipment and connections to the Data Center while simultaneously planning long-range efforts to build out the strategic network cores for 300 East State Street and the new Police Department headquarters at 1625 West Redlands Boulevard.
- Initiate Year One & Two of the City's newly adopted Six-Year IT Strategic Master Plan
    - Develop a comprehensive strategy for hardware & software lifecycle management and plan to phase out unsupported systems and equipment
    - Create an information security policy, security roadmap, and vulnerability management policy
    - Update the Business Continuity & Disaster Recovery Plan and develop a backup lifecycle strategy
- Replace Police Department mobile data computers with newer, optimized model
    - Deploy multi-factor authentication on each mobile computer
- Focus on application needs:
    - Upgrade resources for the Police Department's server supporting its CAD/RMS System
    - Research cashiering and banking automation software to enable online payments for City receivables other than utility bills
    - Facilitate e-plan check software (electronic plan review) for land management and permitting
    - Replace aging route management software for utility billing operations.
- Upgrade and replace the existing wireless mesh network solution for City facilities
- Refresh the City's voice over IP telephony equipment and application
- Conduct a security audit and penetration testing

Accomplishments for Fiscal Year 2021-22:

- Completed migration from Microsoft Exchange Server to Microsoft 365 to streamline email management and security
- Implemented storage planning and improvements: disaster recovery and data management
- Hardware replacements:
    - Continue to replace aging workstations, focus on a 5-year replacement cycle
    - Invest in a phased camera network hardware replacement plan
- GIS Master Planning
    - Worked with Esri to develop GIS governance framework
    - Provided training on GIS to staff Citywide
- IT Master Planning
    - Developed IT governance framework
    - Defined business technology strategies of greatest use to the City
    - Defined and prioritized critical IT investments over the next 6-year period

Program Description:

The Division of Innovation & Technology supports the City's technology infrastructure, data, application services, and Geographic Information System (GIS). This fund is responsible for the maintenance and lifecycle replacements of citywide infrastructure including desktops, laptops, mobile devices, network, and operations equipment. Citywide technology hardware and licensing contracts are also maintained in this

fund. The division provides technical support services to successfully implement innovative technology solutions enabling departments to better serve their constituents.

Enterprise Systems and Networks:

- Major Enterprise Application Management
- Server Room and Data Center Management
- Network, Access, and Software Security Management
- Data Storage and Redundancy Management
- Systems Integration
- Public Safety Network and Systems Support

Geographical Information Systems (GIS)

- Development, implementation, training, and support of “Mobile Apps” Citywide, both for internal and external users
- Collection, integration, and standardization of Enterprise GIS data and systems
- Aerial and street-level imagery management, analysis, deployment, and training
- Development and customization of Story Maps and other GIS-enriched online content for the public
- Customized public GIS application development on gis.cityofredlands.org
- Daily time-space based animation of Police and Fire Department field asset data
- Support of Reverse-911 system
- Internal Website support and development

Operations and Helpdesk

- Desktop hardware and systems support and management
- Mobility tools systems and support
- Software licensing and compatibility management
- Peripheral support and management (printers, plotters, scanners, etc…)
- Virus, Spyware, and Malware prevention and detection management
- Help Desk Administration

DEPARTMENT/DIVISION

DEPARTMENT OF INNOVATION AND TECHNOLOGY

FUND

INFORMATION TECHNOLOGY SERVICES FUND

ORGKEY

604900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	1,042,881	1,161,552	1,005,061	1,372,713	1,418,008
5002	Salaries: Part-Time	10,091	15,000	44,954	84,700	88,935
5101	Overtime Salaries	-	1,000	350	1,000	1,000
5202	Holiday Pay	5,480	-	7,286	-	-
5203	Bonus	2,800	-	-	-	-
5204	Accrual Payout	23,154	-	32,250	-	-
5301	Banked Leave Buy Back	16,110	37,987	9,061	34,387	44,631
5401	Pension Contributions	319,960	339,659	300,908	411,861	430,575
5501	FICA/Medicare	80,337	90,748	78,308	113,110	116,740
5601	Deferred Compensation	8,913	9,988	8,141	14,479	14,603
5701	Health/Dental Insurance	116,634	118,217	104,304	152,730	156,668
5702	Workers' Comp Insurance	28,421	31,521	31,521	41,725	45,113
5703	Disability Insurance	2,284	2,426	2,190	4,167	4,363
5704	Unemployment Insurance	1,194	5,985	6,929	8,589	8,589
5705	Life Insurance	727	806	680	995	995
5802	Eyecare Reimbursement	649	2,878	2,878	3,553	3,553
5803	Clothing Allowance	1,200	1,200	1,200	1,650	1,650
5901	Compensated Absences Expense	(23,062)	-	-	-	-
5903	Other Taxable Benefits	1,131	17,827	17,827	18,065	18,065
	TOTAL SALARIES AND BENEFITS	1,638,904	1,836,794	1,653,848	2,263,724	2,353,488
	SERVICES					
6106	Other Professional Services	113,801	322,015	240,000	583,000	353,000
6304	Telephone	284,804	225,200	290,000	315,000	330,750
6401	Meeting & Prof Development	-	4,000	-	5,000	6,000
6402	Travel Expense/Reimbursement	-	1,000	3,000	2,000	4,000
6403	Training	3,747	7,000	5,000	9,000	9,000
6505	Retiree Health Insurance	133,959	90,000	90,000	90,000	90,000
6601	Postage	35	50	100	75	150
6703	Software Support/Development	1,000,646	1,421,880	1,400,000	1,376,000	1,330,601
6710	Special Contractual Services	1,041	15,887	3,000	130,800	305,800
6803	City Garage Charges	1,086	1,882	1,882	2,021	2,366
6804	General Govt Service Charge	241,560	247,140	247,140	268,369	281,788
6901	Printing and Binding	4	50	50	75	150
6906	Office Equip & Furn Rent	2,546	7,500	3,000	3,000	6,500
6907	Comms Service & Rental	18,795	24,000	3,000	6,800	6,800
6909	Subscriptions & Memberships	1,869	2,000	2,000	2,500	3,500
6914	Depreciation Expense	154,591	-	-	-	-
	TOTAL SERVICES	1,958,484	2,369,604	2,288,172	2,793,640	2,730,405

DEPARTMENT/DIVISION

DEPARTMENT OF INNOVATION AND TECHNOLOGY

FUND

INFORMATION TECHNOLOGY SERVICES FUND

ORGKEY

604900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	2,937	2,000	3,500	4,000	5,000
7101	Office Equipment & Furniture	-	-	150	150	150
7201	Hardware Maint/Replace	40,944	347,312	115,000	275,000	605,000
7202	PC Repair/Replacement	-	277,550	27,210	455,000	205,000
7211	Computer Components	-	105,000	5,000	40,000	7,500
7810	Special Departmental Supplies	2,953	500	-	500	750
7901	Non-Capital Expenditures	157,025	-	10,000	-	-
	TOTAL SUPPLIES	203,859	732,362	160,860	774,650	823,400
	FIXED ASSETS					
8703	Computer Equipment	191,966	153,324	3,324	1,000,000	1,450,000
8801	Capital Lease	-	22,792	22,792	22,792	22,792
	TOTAL FIXED ASSETS	191,966	176,116	26,116	1,022,792	1,472,792
	FUND TOTAL	3,993,213	5,114,876	4,128,996	6,854,806	7,380,085

Customer Service

Program Description:

The Customer Service Division is responsible for providing quality customer service to all City residents and utility customers, whether by phone or over-the-counter.

In addition to providing quality customer service, the division is responsible for billing over 22,000 utility customers for water, wastewater, solid waste, household hazardous waste and street cleaning services totaling 78,478 services billed every two months. Utility bills are produced and mailed on a bi-monthly basis to keep operational costs to a minimum.

In January 2020, the Customer Service Division joined forces with the Revenue Office to provide walk-in customers with one, centralized location for payments and service. Shortly thereafter, on March 17, 2020, the customer service division was closed to the public in light of the COVID-19 pandemic. In adherence with CDC guidelines, modifications were made to the division's work schedule and in-office staffing. Modifications included staff working from home, and at one point, the expansion of operational hours from five to six days a week. Currently, the Customer Service Division is on a 9/80 schedule with 40 percent of staff working from home with scheduled staff rotations occurring daily.

With our modified, temporary structure, the Customer Service Division continues to assist customers with all their payment needs, in addition to processing requests for connection/disconnection of service, unusual water usage, water quality inquiries, billing inquiries, water distribution, roll-off services, missed solid waste collection service, general water drought/conservation inquires and water rebates. In preparation for re-opening to the public, plexi-glass partitions have been installed at each counter work station to provide service to customers in a socially safe and distanced manner.

The Customer Service Division budget is presented in a single program within a separate Internal Service Fund, which is supported by the operating funds of Water, Wastewater, and Solid Waste.

Program Objectives:

- Provide quality customer service to all Redlands residents and utility customers, while assisting them with their water, wastewater, and solid waste needs.
- Provide Redlands residents and utility customers with clear, consistent, accurate and equitable billing for their municipal utility services.
- Continually look for ways to streamline functions and improve efficiencies to keep operating costs to a minimum.
- Increase customer awareness of various payment methods available, including: 1) 1-2-3 Done! Program, an automated payment drafting program that offers two payment options from which to choose: Advance monthly pay or Bi-monthly pay; 2) the Speedpay program, an on-line, VRU and extranet payment program providing flexibility to pay via credit card, debit card, or from a designated bank account**;** 3) GovNetPay, a counter based program that not only offers the same payment flexibility as Speedpay, but also offers a higher payment limit, meeting the needs of customers with balances greater than $500.
- Increase customer awareness of Redconnect, a program which provides customers with 24/7 secure online access to their City of Redlands municipal services account information. With Redconnect, customers have access to review their service history, billing history, water usage history, view current bill and/or print a copy, enroll in the 1-2-3 Done! payment program, or elect to "GO GREEN" and eliminate paper waste by enrolling in e-Bill service to receive notification that their municipal services bill is ready for viewing via email.
- Educate customers on mandatory water conservation requirements by directing customers to the City website for detailed information, and/or referring customers to the Water Conservation Coordinator for water audits and available water conservation rebates.

Accomplishments for Fiscal Year 2021-2022:

- Implemented the software modifications necessary to support a Rate Increases
- Streamlined Sewer Winter Month process by extracting meter reads from the enQuesta system, in lieu of meter readers acquiring a special read.
- SB 998 – New legislation went into effect 2/1/2020, requiring the city to comply with new mandates for the collection of delinquent residential accounts. Modification of customer notifications, along with a written policy in prescribed languages, current processes and procedures, and system software changes were required to meet the new requirements of this legislation. Additionally, new process and procedures were established for the provisions of payment arrangements, which were non-existent. Also, in order to ensure compliance at all levels, the consolidation of billing frequency (monthly to bi-monthly) was necessary.
- Modifications to work environment were made to adhere to CDC safety guidelines.
- Temporary suspension of disconnection of service due to non-payment via Executive Order N-42-20 issued by Governor.
- Temporary suspension of late charge, penalties and establishment of financial hardship criteria for pre-payment deposits via resolution 8066.
- Establishment of COVID-19 Utility Billing Payment Plan Policy.
- Work Schedule and staffing modifications made to adhere to CDC guidelines on social distancing. Modifications included 4/10 work shift, Monday through Saturday, allowing separation of staff, when working in office, and maximize social distancing. Additionally, at a later date, 40 percent staff participation in WFH program.
- Seamless docs added to city website for customers use in starting service, stopping service and enrollment in automatic drafting program. The addition of these documents helps in promoting self-service, and reducing the need for in-office visits.
- Seamless docs added for Customer Service Division's internal use to streamline Roll-off Requests, D&Rs, Credit Vouchers and Pre-payment Deposit Requests. This is a value-added tool for work generated from WFH program.
- Modification of Solid Waste pull-down reports allowing for process improvement on service provided to customers. Reports now produce ahead of scheduled service day and provide staff with information on customers enrolled in the program.
- Modification of Solid Waste Bulky item program. Modified programming to set limit on the number of work orders processed each day, allowing field staff to manage and complete work orders on scheduled days and meet customer expectations. Scheduling is closely monitored by customer service staff to ensure success.
- Implementation of new 3rd party payment processor, Invoice Cloud. Allows for real-time payment updates to the customer service system, along with allowing customers to pay by text. An additional feature will include timely email reminders to customers regarding payment and late charge due dates.
- Meter reading equipment replacement of Itron meter reading equipment with Neptune 360. This implementation is in preparation for Itron's discontinuance of all production and support of meter reading equipment effective 12/31/2021.
- Meter Replacement program of all existing meters with convertible AMR meters for future automation of reads.
- Implementation of newly formatted GL enQuesta interface file to Munis.
- Implemented Sewer Rate increase effective 7/1/2021.
- Partnered with Water and Wastewater staff to implement the Utility Assistance Programs to aide customers impacted from COVID-19.

DEPARTMENT/DIVISION
CUSTOMER SERVICE

FUND
UTILITY BILLING FUND

ORGKEY
608900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	612,044	757,636	741,090	829,235	843,096
5101	Overtime Salaries	5,522	7,000	7,000	16,000	16,000
5202	Holiday Pay	11,890	7,000	12,732	-	-
5203	Bonus	778	-	-	-	-
5204	Accrual Payout	38,239	-	5,661	-	-
5301	Banked Leave Buy Back	11,866	17,362	12,452	22,223	22,457
5401	Pension Contributions	204,377	221,396	219,975	246,621	256,732
5501	FICA/Medicare	50,820	58,884	57,100	65,616	66,698
5601	Deferred Compensation	1,664	2,900	2,790	3,304	3,341
5701	Health/Dental Insurance	95,082	122,702	98,456	118,703	122,789
5702	Workers' Comp Insurance	20,753	23,024	23,024	33,197	35,892
5703	Disability Insurance	5,239	6,010	5,949	6,975	7,076
5704	Unemployment Insurance	1,202	5,707	7,700	6,119	6,119
5705	Life Insurance	704	828	816	888	888
5802	Eyecare Reimbursement	1,535	2,959	2,959	3,173	3,173
5803	Clothing Allowance	3,000	3,450	3,450	3,600	3,600
5804	Uniform Rental	6	-	124	-	-
5901	Compensated Absences Expense	(14,812)	-	-	-	-
5903	Other Taxable Benefits	1,170	6,237	6,237	17,454	17,454
	TOTAL SALARIES AND BENEFITS	1,051,079	1,243,095	1,207,515	1,373,108	1,405,315
	SERVICES					
6004	Bank/Collection Agent Fees	-	-	30,027	32,128	34,377
6106	Other Professional Services	100	1,500	-	5,000	5,000
6304	Telephone	1,627	600	214	600	600
6401	Meeting & Prof Development	(106)	3,800	2,000	5,000	5,500
6402	Travel Expense/Reimbursement	-	300	400	2,500	3,000
6403	Training	824	500	500	5,000	7,500
6505	Retiree Health Insurance	122,795	80,000	80,000	80,000	80,000
6601	Postage	59,517	88,381	89,000	97,900	99,858
6703	Software Support/Development	14,350	18,040	11,205	20,000	19,500
6710	Special Contractual Services	9,557	10,000	10,000	11,600	11,948
6802	Info Tech Service Charges	59,995	211,171	211,171	217,215	227,991
6804	General Govt Service Charge	100,490	102,811	102,811	111,642	117,224
6901	Printing and Binding	15,049	28,000	28,000	29,500	31,000
6906	Office Equip & Furn Rent	4,329	3,000	3,000	3,500	3,500
6908	Other Rentals	1,410	-	-	-	-
6909	Subscriptions & Memberships	-	750	-	750	750
	TOTAL SERVICES	389,937	548,853	568,328	622,335	647,748

DEPARTMENT/DIVISION
CUSTOMER SERVICE

FUND
UTILITY BILLING FUND

ORGKEY
608900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	4,627	6,000	6,000	6,500	7,000
7101	Office Equipment & Furniture	-	800	800	1,500	2,000
7211	Computer Components	-	800	800	1,000	1,200
7807	Food	-	250	250	300	350
7810	Special Departmental Supplies	-	800	1,300	1,500	1,750
7901	Non-Capital Expenditures	-	-	15,000	-	-
	TOTAL SUPPLIES	4,627	8,650	24,150	10,800	12,300
	FIXED ASSETS					
8501	Other Betterments/Improv	-	-	-	140,000	-
8503	Building Construction/Improv	-	75,000	60,000	-	-
	TOTAL FIXED ASSETS	-	75,000	60,000	140,000	-
	FUND TOTAL	1,445,643	1,875,598	1,859,993	2,146,243	2,065,363

DEPARTMENT/DIVISION

COMMUNITY FACILITIES DISTRICT 2001-1

FUND

COMMUNITY FACILITIES DISTRICT FUND

ORGKEY

810961

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6001	Fiscal Agent Fees	23,714	25,000	25,000	25,000	25,000
6804	General Govt Service Charge	2,265	2,317	2,317	2,516	2,642
	TOTAL SERVICES	25,979	27,317	27,317	27,516	27,642
	DEBT SERVICE					
9001	Principal	480,000	510,000	510,000	540,000	575,000
9101	Interest	246,068	230,708	214,388	180,788	144,964
	TOTAL DEBT SERVICE	726,068	740,708	724,388	720,788	719,964
	DIVISION TOTAL	752,047	768,025	751,705	748,304	747,606

DEPARTMENT/DIVISION

COMMUNITY FACILITIES DISTRICT 2003-1

FUND

COMMUNITY FACILITIES DISTRICT FUND

ORGKEY

810962

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6001	Fiscal Agent Fees	25,865	23,000	23,000	23,000	23,000
6804	General Govt Service Charge	479	490	490	533	559
	TOTAL SERVICES	26,344	23,490	23,490	23,533	23,559
	DEBT SERVICE					
9001	Principal	290,000	320,000	320,000	355,000	390,000
9101	Interest	445,528	437,585	428,685	409,460	387,793
	TOTAL DEBT SERVICE	735,528	757,585	748,685	764,460	777,793
	DIVISION TOTAL	761,872	781,075	772,175	787,993	801,352
	FUND TOTAL	1,513,919	1,533,122	1,524,222	1,540,040	1,553,399

DEPARTMENT/DIVISION

SUCCESSOR AGENCY ADMINISTRATION

FUND

SUCCESSOR TO RDA GENERAL FUND

ORGKEY

820167

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Full Time Salaries	5,903	12,485	12,037	6,744	-
5202	Holiday Pay	67	-	190	-	-
5203	Bonus	52	-	-	-	-
5204	Accrual Payout	2,023	-	214	-	-
5301	Banked Leave Buy Back	188	305	305	414	-
5401	Pension Contributions	1,610	3,653	3,653	2,015	-
5501	Fica/Medicare	443	894	894	475	-
5601	Deferred Compensation	54	340	340	181	-
5701	Health/Dental Insurance	418	969	969	445	-
5702	Workers' Comp Insurance	63	-	-	-	-
5703	Disability Insurance	4	35	35	18	-
5704	Unemployment Insurance	2	5	5	3	-
5802	Eyecare Reimbursement	-	18	18	9	-
5903	Other Taxable Benefits	9	66	66	59	-
5905	Employee Wellness Program	31	-	-	-	-
	TOTAL SALARIES AND BENEFITS	10,867	18,770	18,726	10,363	-
	DIVISION TOTAL	10,867	18,770	18,726	10,363	-

.

DEPARTMENT/DIVISION

SUCCESSOR AGENCY OBLIGATIONS (OTHER)

FUND

SUCCESSOR TO RDA PROJECTS FUND

ORGKEY

820168

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6104	Auditing and Accounting	2,700	2,700	2,700	2,700	-
	TOTAL SERVICES	2,700	2,700	2,700	2,700	-
	DIVISION TOTAL	2,700	2,700	2,700	2,700	-

DEPARTMENT/DIVISION

SUCCESSOR AGENCY DEBT SERVICE

FUND

SUCCESSOR TO RDA DEBT SERVICE FUND

ORGKEY

820169

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6001	Fiscal Agent Fees	5,405	5,405	5,405	5,405	-
6106	Other Professional Services	-	2,200	2,000	1,000	-
6913	Amortization Expense	90,499	-	-	-	-
	TOTAL SERVICES	95,904	7,605	7,405	6,405	-
	DEBT SERVICE					
9001	Principal	-	2,415,000	2,415,000	2,500,000	-
9101	Interest	190,738	101,399	101,399	7,827	-
	TOTAL DEBT SERVICE	190,738	2,516,399	2,516,399	2,507,827	-
	DIVISION TOTAL	286,642	2,524,004	2,523,804	2,514,232	-
	FUND TOTAL	300,209	2,545,474	2,545,230	2,527,295	-

Police Department

Mission Statement:

The Redlands Police Department is dedicated to enhancing public safety through trust, innovation, community partnership, and service excellence.

Departmental Goals:

- Continue to provide outstanding service to internal and external customers
- Develop leaders
- Implement evidence-based measures to improve service, create efficiencies, and prevent and reduce crime
- Improve recruitment and retention efforts to maintain a high-performing organization
- Continue to strengthen the organizational culture
- Leverage available resources through the use of volunteers, analysts, technology, and data-driven solutions to create greater efficiencies
- Continue to focus on recruitment and retention efforts to attract and maintain the most qualified department members to continue to provide the highest level of public safety services to the community

Sustainability Efforts:

- Continue using a new vehicle profile for professional staff employees to reduce fuel usage and reduce carbon emissions
- The department desires to create paperless systems when possible

Performance Measures:

- Maintain crime clearance rates above the national average in 2022-2024
- Identify emerging crime trends quickly and develop and implement targeted, evidence-based strategies to address them

Police
Patrol Services Bureau

Program Description:

The Patrol Services Bureau is one of the most visible units in the department as it provides twenty-four hour a day service to the residents of our community. Patrol officers respond to a wide variety of emergency and non-emergency calls for service. The Patrol Services Bureau is comprised of several sub-units, namely:

- Patrol: Patrol teams are comprised of four to seven officers including the corporal and sergeant. Seven patrol teams rotate schedules supplemented by civilian community service officers. Reserves: The Redlands Police Department Reserve Unit is comprised of volunteers from a variety of professions who live in the city or neighboring communities. Reserve officers receive extensive training in the many facets of law enforcement which they routinely put to use while assisting the department.
- Explorers: The Redlands Police Department Law Enforcement Explorer Post is a career exploration program. The Explorer Post began in 1968 and has been the starting point for many future law enforcement officers. Young men and women interested in joining the program must be at least 15 years of age and no older than 21 years. The program is a career exploration and education for youth interested in learning about the field of law enforcement. Field Training and Evaluation Program: The Field Training and Evaluation Program is responsible for the development of recruits into competent officers. Field training officers coordinate and deliver nearly six (6) months of training to new officers to prepare them to operate as solo police officers.
- Custody: The department contracts with Allied Universal to provide custody officers who are responsible for the booking, processing, and transportation of prisoners.

Program Objectives:

- Respond to calls for service promptly and render appropriate assistance upon arrival
- Conduct criminal investigations and prepare required documentation to be forwarded to investigators, the District Attorney, and/or other agencies
- Maintenance of a temporary “lockup” custodial facility that complies with applicable state and federal law
- Development of recruits into competent police officers
- Maintenance of an atmosphere of positive and professional contact between all officers and members of our community

Significant Program Changes:

- Elimination of five (5) unfilled police officer positions and three full-time community service officer positions in the FY 2020/2021 budget
- Re-addition of the previously removed positions back into the City’s salary schedule

DEPARTMENT/DIVISION
PATROL SERVICES

FUND
GENERAL FUND

ORGKEY
101200

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	4,479,699	6,315,475	5,368,916	10,968,225	11,128,495
5002	Salaries: Part-Time	446	-	-	-	-
5003	Labor Code Sec 4850	343,544	-	310,955	-	-
5101	Overtime Salaries	363,770	578,334	571,334	1,044,051	1,096,254
5102	O.T. Reimbursable	18,705	55,000	55,000	186,000	195,189
5104	Major Crime OT	20,695	33,000	50,000	175,875	184,669
5105	Overtime: Court/Other	79,138	70,000	60,000	127,575	133,954
5202	Holiday Pay	75,516	-	69,297	-	-
5203	Bonus	8,500	-	5,000	-	-
5204	Accrual Payout	370,862	-	435,944	-	-
5301	Banked Leave Buy Back	524,236	697,970	451,494	2,003,106	1,875,406
5401	Pension Contributions	3,744,857	4,471,856	4,620,772	6,367,548	6,641,134
5501	FICA/Medicare	104,260	132,076	111,767	260,945	263,686
5601	Deferred Compensation	450,062	117,753	217,507	84,913	87,588
5701	Health/Dental Insurance	858,095	921,680	830,699	1,472,861	1,531,853
5702	Workers' Comp Insurance	675,676	782,823	782,823	1,123,315	1,214,522
5703	Disability Insurance	302	2,573	1,928	11,466	11,936
5704	Unemployment Insurance	3,510	25,968	22,580	45,570	45,570
5705	Life Insurance	3,230	3,770	3,239	6,615	6,615
5802	Eyecare Reimbursement	409	1,125	1,125	4,050	4,050
5803	Clothing Allowance	173,016	182,718	182,718	300,375	300,375
5903	Other Taxable Benefits	26,474	75,701	120,701	231,700	205,380
	TOTAL SALARIES AND BENEFITS	12,325,002	14,467,822	14,273,799	24,414,190	24,926,676
	SERVICES					
6102	Legal Services	5,820	-	2,175	-	-
6402	Travel Expense/Reimbursement	231	-	983	-	-
6710	Special Contractual Services	193,310	298,929	298,929	314,316	329,347
6802	Info Tech Service Charges	378,204	485,618	485,618	722,926	777,707
6911	Bad Debt Expense	9,910	-	-	-	-
	TOTAL SERVICES	587,475	784,547	787,705	1,037,242	1,107,054
	DIVISION TOTAL	12,912,477	15,252,369	15,061,504	25,451,432	26,033,730

Police
Communications Unit

Program Description:

The Communications Unit is a significant component of the Police Department, providing a vital link between the community and public safety personnel. Communication personnel are often the first contact in a resident's emergency. Communications personnel interpret the individual's needs and coordinate the response of appropriate services to meet those needs. These highly trained individuals are responsible for assisting callers on more than twenty-five incoming telephone lines including 911 emergency, alternate emergency, business lines, and Text-to-911. In addition to answering the multitude of phone lines, communications personnel are tasked with dispatching calls via radio and a Computer Aided Dispatch (CAD) system. They also monitor over a dozen different radio channels. These radio channels include all of the frequencies utilized by the various units of the department, local government, and other allied agencies. The Communications Unit also utilizes a variety of cameras from various locations in town to support responding units on calls for service and by providing an additional resource to ensure site security at the various locations.

Program Objectives:

- Answer all incoming calls on emergency, alternate emergency, and business lines expeditiously and courteously, instantly prioritizing and relaying calls to police personnel in the field by entering designated calls for service into the CAD system, or immediately transferring the call to the appropriate agency for response; Monitor and utilize over 160 cameras placed at various locations throughout the City of Redlands
- Dispatch calls for service, process requests from officers in the field, including the response of additional personnel, equipment, and/or resources
- Facilitate and prioritize telephone contacts and communication between the public, public safety agencies, and other City departments

Significant Program Changes:

- Discontinued all sit-alongs due to the COVID-19 pandemic
- Additional staffing of two full-time dispatchers previously eliminated last budget year added back into the budget
- Maintained minimum staffing during the COVID-19 pandemic, which critically impacted law enforcement staffing and services throughout the nation
- Reclassification of the Dispatch Shift Supervisor position into three full-time Dispatch Supervisors

Accomplishments for Fiscal Year 2021-2022:

- Continued Quality Assurance and Review Program in which supervisors randomly review calls to ensure Police Department customer service expectations, departmental protocols, and guidelines are met.
- Dispatchers answered 74,705 9-1-1 calls, a significant increase from the previous year.
- Dispatchers answered 99,183 business and alternate emergency lines, a ~2 % increase from last year.
- There were 45,254 calls for service, a ~1 % decrease from last year.
- Completion and implementation of Next Generation 9-1-1 Technology.

- Continued to monitor and enter applicable complaints received via CitySourced.
- Dispatchers handled 12 tracker activations received via the GPS Tracking System.

DEPARTMENT/DIVISION
COMMUNICATIONS

FUND
GENERAL FUND

ORGKEY
101201

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	812,090	1,055,390	815,077	1,121,365	1,135,889
5101	Overtime Salaries	38,346	110,605	110,605	116,135	121,942
5201	Stand By	15,135	27,500	15,500	28,875	30,319
5202	Holiday Pay	61,651	-	49,825	-	-
5301	Banked Leave Buy Back	19,240	11,119	6,144	19,760	22,110
5401	Pension Contributions	244,247	307,752	254,990	332,933	345,310
5501	FICA/Medicare	74,571	94,234	70,278	91,014	91,387
5601	Deferred Compensation	9,460	13,760	9,460	15,480	15,480
5701	Health/Dental Insurance	198,640	242,718	216,022	258,221	268,050
5702	Workers' Comp Insurance	44,587	51,530	51,530	49,795	53,838
5703	Disability Insurance	9,879	12,318	9,669	12,889	13,075
5704	Unemployment Insurance	1,267	6,944	5,906	7,812	7,812
5705	Life Insurance	817	1,008	853	1,134	1,134
5802	Eyecare Reimbursement	895	3,600	3,600	4,050	4,050
5803	Clothing Allowance	23,800	27,200	27,200	30,600	30,600
5903	Other Taxable Benefits	1,286	-	12,000	18,000	6,000
	TOTAL SALARIES AND BENEFITS	1,574,275	1,965,678	1,658,659	2,108,063	2,146,996
	SERVICES					
6703	Software Support/Development	-	-	-	117,765	-
6710	Special Contractual Services	2,450	5,000	6,000	6,300	6,615
6802	Info Tech Service Charges	57,862	129,629	129,629	213,322	229,487
6906	Office Equip & Furn Rent	-	-	-	1,200	1,200
6907	Comms Service & Rental	307,676	349,500	348,500	358,948	361,955
	TOTAL SERVICES	367,988	484,129	484,129	697,535	599,257
	SUPPLIES					
7101	Office Equipment & Furniture	10,500	10,500	10,783	11,322	11,888
7102	Small Tools & Equipment	4,028	4,511	4,228	4,439	4,661
7201	Hardware Maint/Replace	-	-	-	6,150	-
7203	Office Equipment Maintenance	1,176	2,500	2,500	2,625	2,756
7810	Special Departmental Supplies	587	5,500	5,500	5,775	6,064
	TOTAL SUPPLIES	16,291	23,011	23,011	30,311	25,369
	DIVISION TOTAL	1,958,554	2,472,818	2,165,799	2,835,909	2,771,622

Police
Support Services Bureau

Program Description:

The Support Services Bureau is comprised of diverse responsibilities that affect all operations of the department. The goal of the Support Services Bureau is to supply the necessary equipment, provisions, and support personnel to facilitate the delivery of efficient and courteous public safety services to residents of Redlands. The Support Services Bureau is comprised of the following units: Office of the Chief of Police, Operations Manager, Records, Animal Services, and Fleet.

The Office of the Chief of Police is comprised of the Chief, two Deputy Chiefs, one Executive Assistant, one Management Analyst, one Operations Coordinator, and a Sergeant assigned to Professional Standards. The Deputy Chiefs oversee the day-to-day operations of the department. The Chief's Executive Assistant is the community's primary point of contact for the Office, handling complex and confidential executive-level administrative and secretarial duties for the management staff. The Executive Assistant also coordinates special projects and events and maintains the department's personnel files. The Management Analyst's responsibilities include ensuring the department's needs are being met through budget development and monitoring, purchase requisitions, grant coordination, and payroll processing. The Operations Coordinator's responsibilities include the coordination of new hire background investigations for all staff and volunteer positions. Backgrounds conducted also include applicants for massage therapists and solicitor permits. The Operations Coordinator also oversees and maintains all training files and ensures that the entire department's training requirements through POST, legislative, and department mandates are met. The Professional Standards sergeant oversees internal investigations and personnel issues and is the point of contact for the community for any inquiries and complaints.

The Operations Manager oversees the Records Unit, Communications Unit, Animal Services Unit, building maintenance, and fleet operations. The Operations Manager also performs other specialized duties and works daily with other City staff to ensure a timely response to inquiries from the police department.

The Records Unit consists of a supervisor and five full-time customer service representatives (CSRs) who are responsible for the maintenance and security of all criminal records, as well as processing all reports, citations, and other records produced by the various departmental units. The CSRs are also primary points of contact for the community when requesting records. The Records Unit ensures the department's employees are trained in the California Law Enforcement Telecommunications System. Records personnel are also responsible for cross-reporting to other law enforcement agencies, the District Attorney, courts, Department of Children & Family Services, Department of Motor Vehicles, Parole, Probation, and the Department of Justice. The Unit also acts as the court liaison and is responsible for the delivery of all reports to the District Attorney and courts. They are also responsible for the acceptance and service of subpoenas to officers and provide any additional investigative evidence collection, such as audio recordings, 911 tapes, photos, and videos to requesting law enforcement agencies. Additional duties include registering and keeping current accurate information on all arson and sex registrants who reside in the City of Redlands.

Program Objectives:

- Ensure that all department members receive training for the California Law Enforcement Telecommunications System computer system
- Provide expedient service to police officers, court officials, residents, and the press when records information has been requested
- Process records in compliance with statutory requirements
- Provide excellent customer service to the community by demonstrating trustworthiness, respect, and care at all times

Significant Program Changes:

- The Records lobby was closed to the public for the majority of 2020-2021 but was able to re-open in 2022. COVID precautions are still in place: only one party in the lobby at a time and continuous disinfecting. The Records Unit continues to fulfill report requests via email, fax, mail, and in-person

Accomplishments for the Fiscal Year 2021-2022

- Redlands Police Department began transitioning from a summary-based crime reporting program (FBI's Uniform Crime Report) to an incident-based reporting program (National Incident-Based Reporting System). During the training months, we were required to report summary information to the Department of Justice (DOJ), along with our incident-based reporting, until certified by DOJ to stop the submission of summary reporting in January 2022.
- SB384 went into effect on July 1, 2021. We have been assisting registrants with the necessary documents to allow them to start the petition process to terminate their requirement to register. To date, we haven't had any petitions received, but we continue to educate and provide the information to those who qualify for the program.
- The department successfully implemented AB 953 RIPA (Racial and Identity Profiling Act Data Collection). This assembly bill requires officers to collect officer perceived identity information on all police stops and report this data for statistical analysis to the Department of Justice to ensure racial and identity profiling is not occurring.

DEPARTMENT/DIVISION
SUPPORT SERVICES

FUND
GENERAL FUND

ORGKEY
101202

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	1,295,188	1,335,379	1,382,022	1,426,845	1,424,363
5002	Salaries: Part-Time	1,325	172,860	108,142	167,860	186,753
5003	Labor Code Sec 4850	80	-	-	-	-
5101	Overtime Salaries	8,423	63,224	57,824	60,715	63,750
5102	O.T. Reimbursable	693	10,000	12,500	13,125	13,780
5104	Major Crime OT	1,373	2,500	4,500	4,725	5,000
5105	Overtime: Court/Other	-	1,100	2,000	2,100	2,200
5202	Holiday Pay	16,513	-	18,785	-	-
5203	Bonus	5,206	-	-	-	-
5204	Accrual Payout	7,900	-	307,699	-	-
5301	Banked Leave Buy Back	51,809	144,989	60,422	175,934	133,790
5401	Pension Contributions	862,281	678,491	804,556	650,450	701,198
5501	FICA/Medicare	62,590	88,273	100,482	91,602	89,199
5601	Deferred Compensation	97,720	75,185	116,602	157,973	77,589
5701	Health/Dental Insurance	215,764	239,258	239,960	232,583	232,115
5702	Workers' Comp Insurance	49,918	57,835	57,835	55,328	59,820
5703	Disability Insurance	3,694	4,486	5,707	6,268	5,838
5704	Unemployment Insurance	1,168	8,246	12,614	9,982	9,548
5705	Life Insurance	763	882	915	1,008	1,008
5802	Eyecare Reimbursement	651	2,700	2,700	3,425	3,150
5803	Clothing Allowance	10,775	11,175	11,625	11,225	11,225
5903	Other Taxable Benefits	5,932	11,686	11,686	17,776	17,386
5905	Employee Wellness Program	840	900	900	900	900
	TOTAL SALARIES AND BENEFITS	2,700,606	2,909,169	3,319,476	3,089,824	3,038,612
	SERVICES					
6005	License & Permits	152	1,500	152	160	168
6102	Legal Services	67,661	55,000	55,000	57,750	60,638
6105	Medical/Physicals	77,813	90,200	78,000	94,710	99,446
6304	Telephone	120,680	135,000	135,000	141,750	148,838
6307	Electricity & Gas	3,837	4,500	4,500	4,725	4,961
6402	Travel Expense/Reimbursement	32,718	105,000	105,000	110,250	115,750
6403	Training	131,096	177,050	177,050	185,900	195,200
6601	Postage	2,501	7,200	3,600	7,550	7,900
6702	Fingerprinting	2,655	8,000	9,500	9,975	10,475
6703	Software Support/Development	140	-	-	-	5,000
6710	Special Contractual Services	26,257	107,400	107,400	137,770	138,409
6802	Info Tech Service Charges	118,340	122,999	122,999	237,025	254,986
6803	City Garage Charges	505,367	535,911	535,911	633,120	741,487
6901	Printing and Binding	5,438	15,000	15,000	15,750	16,500
6904	Land and Building Rent	5,400	5,400	5,400	5,400	5,400
6906	Office Equip & Furn Rent	14,745	24,190	20,000	21,000	22,050
6909	Subscriptions & Memberships	5,525	7,850	7,850	8,243	8,655
	TOTAL SERVICES	1,120,325	1,402,200	1,382,362	1,671,078	1,835,863

DEPARTMENT/DIVISION
SUPPORT SERVICES

FUND
GENERAL FUND

ORGKEY
101202

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7001	Books & Supplies	427	700	700	700	700
7002	Office Supplies	15,392	39,500	39,500	41,475	43,549
7004	Uniform/Safety Clothing	48,092	119,915	119,915	195,911	132,206
7005	Photo & Copying Supplies	3,097	8,250	9,500	9,975	10,475
7101	Office Equipment & Furniture	14,032	31,620	30,370	31,850	33,425
7102	Small Tools & Equipment	5,911	15,676	15,676	36,460	17,283
7205	Machinery & Equip. Maint.	1,141	12,350	12,350	12,968	13,616
7206	Vehicle Maintenance	2,800	8,500	8,500	8,925	9,371
7804	Medical Supplies	6,960	9,250	9,250	9,713	10,198
7805	Weapons & Ammunitions	58,084	86,471	86,471	150,795	115,334
7807	Food	3,603	10,250	10,250	10,765	11,300
7810	Special Departmental Supplies	56,658	72,374	72,374	106,371	80,189
7901	Non-Capital Expenditures	11,798	11,798	483,829	52,388	13,007
	TOTAL SUPPLIES	227,995	426,654	898,685	668,296	490,653
	FIXED ASSETS					
8501	Other Betterments/Improv	-	190,000	-	190,000	-
8704	Motor Vehicles	-	382,297	344,201	-	-
8706	All Other Equipment	-	107,815	-	87,500	87,500
8801	Capital Lease	135,396	686,106	686,106	686,106	686,106
	TOTAL FIXED ASSETS	135,396	1,366,218	1,030,307	963,606	773,606
	DIVISION TOTAL	4,184,322	6,104,241	6,630,830	6,392,804	6,138,734

Police
Animal Services Unit

Program Description:

The Animal Services Unit enforces state and federal animal laws and city municipal codes. It also provides a variety of services to meet the community's needs and ensure the welfare of animals. The animal control officers are responsible for handling stray animals lost on the city streets, animal disturbance calls, reports of injured or aggressive animals, and animals receiving fatal injuries. The Animal Services Unit also quarantines animals after reported animal bites, investigates reports of animal abuse, and temporarily provides shelter to neglected livestock and injured wildlife. Field animal control service is budgeted to serve Redlands residents five days a week. The Animal Services Unit also cares for animals that need to be adopted into a new family and those that must be humanely euthanized.

Program Objectives:

- Provide excellent customer service to the community by demonstrating trustworthiness, respect, and care at all times
- Improve efficiency through increased information in the field by moving towards paperless systems
- Promote the adoption of animals housed in the shelter
- Increase the number of animals treated in the spay and neuter program
- Promote community partnerships to enhance animal welfare
- Provide humane care to the animals in our facility
- Educate and provide resources to the community for responsible pet ownership. Also, providing them with information about living with wildlife, keeping pets up-to-date with vaccines and licenses, and general education.

Significant Program Changes:

- The Animal Shelter was closed to the public and volunteers in March of 2020 due to the pandemic. Staff continued to run daily operations of field services, adoptions by appointment, cleaning, and caring for the animals housed at the shelter while social distancing.

Accomplishments for Fiscal Year 2021-2022:

- The Animal Shelter partnered with the San Manuel Band of Mission Indians, who sponsored three reduced adoptions events to date.
- The Animal Shelter partnered with Friends of Upland Shelter. Dogs and cats have been transferred to the Upland Shelter, providing an additional opportunity for adoption.
- The Animal Shelter created a puppy and kitten program. One of the isolation rooms has been designated and converted into a nursery throughout kitten season. Pregnant cats and kittens are kept healthy and constantly monitored by shelter staff. The nursery program turned out to be extremely successful.

Fiscal Year 2022-2023:

Animal Control has been transferred to the Facilities and Community Services Department.

DEPARTMENT/DIVISION
ANIMAL CONTROL

FUND
GENERAL FUND

ORGKEY
101203

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	188,424	281,442	185,422		
5002	Salaries: Part-Time	10,410	15,790	8,496		
5101	Overtime Salaries	12,429	30,000	45,000		
5202	Holiday Pay	8,139	-	3,431		
5204	Accrual Payout	2,512	-	4,595		
5301	Banked Leave Buy Back	2,674	3,830	4,358		
5401	Pension Contributions	54,087	82,524	54,696		
5501	FICA/Medicare	16,986	26,107	18,321		
5601	Deferred Compensation	2,580	5,160	1,720		
5701	Health/Dental Insurance	31,679	55,256	33,846		
5702	Workers' Comp Insurance	9,767	11,238	11,238		
5703	Disability Insurance	2,112	3,270	2,385		
5704	Unemployment Insurance	485	3,038	4,643		
5705	Life Insurance	252	378	248		
5802	Eyecare Reimbursement	594	1,350	1,350		
5803	Clothing Allowance	6,800	10,200	10,200		
5903	Other Taxable Benefits	2,454	1,560	1,560		
	TOTAL SALARIES AND BENEFITS	352,384	531,143	391,509		
	SERVICES					
6005	License & Permits	-	29	23		
6103	Veterinary Services	57,121	136,500	90,500		
6710	Special Contractual Services	15,230	23,000	23,000		
6802	Info Tech Service Charges	19,616	37,037	37,037		
6803	City Garage Charges	22,692	32,776	32,776		
6906	Office Equip & Furn Rent	2,014	2,431	2,431		
	TOTAL SERVICES	116,673	231,773	185,767		
	SUPPLIES					
7004	Uniform/Safety Clothing	439	1,200	1,200		
7206	Vehicle Maintenance	416	416	416		
7803	Chemical & Lab Supplies	2,764	3,500	5,550		
7804	Medical Supplies	4,790	35,522	15,000		
7805	Weapons & Ammunitions	-	1,200	1,200		
7807	Food	-	13,000	3,300		
7810	Special Departmental Supplies	8,566	14,000	14,000		
	TOTAL SUPPLIES	16,975	68,838	40,666		
	FIXED ASSETS					
8501	Other Betterments/Improv	-	57,500	77,477		
8801	Capital Lease	5,936	5,477	5,977		
	TOTAL FIXED ASSETS	5,936	62,977	83,454		
	DIVISION TOTAL	491,968	894,731	701,396		

Please note: *This division was transferred to Facilities and Community Services, orgkey 101311. This change is reflected in Fiscal Year 2022-23 and forward.*

Police
Community Services Bureau

Program Description:

The Community Services Bureau works closely with residents and business owners to prevent crime, solve problems, and enhance the quality of life of Redlands' residents. The Community Services Bureau is comprised of several sub-units, namely:

- Traffic and Special Events Unit: One Sergeant and two traffic officers are assigned to the Traffic and Special Events Unit. The sergeant is responsible for coordinating the efforts of the community service officers assigned to parking control that enforce parking standards throughout the city. The sergeant also manages all the Office of Traffic Safety (OTS) grants which encompass sobriety checkpoints, Click It or Ticket operations, additional traffic enforcement, and DUI saturation patrols during special events and holidays. In addition to traffic duties, the sergeant, traffic officers, and parking control officers organize traffic flow for all of the special events in town such as the Christmas Parade, Redlands Bicycle Classic, Run Through Redlands, Lincoln Pilgrimage Parade, high school graduation ceremonies, several triathlon/5-10 K runs and approximately thirty additional special events that are held on weekends that require traffic control. The sergeant also supervises the Citizen Volunteer Unit, the Community Policing Unit, and the two school resource officers.
- Community Policing Unit: Two officers are assigned to the Community Policing Unit. The community policing officers (CPOs) are committed to addressing issues such as homelessness and ongoing crime problems, and they promote long-term interactions with community members and local businesses. CPOs work closely with the community and faith-based organizations to strengthen community relationships while working towards common goals of public safety and well-being. They also spearhead department youth programs and assist in special events.
- School Resource Officers: Two officers have been assigned to work as school resource officers (SROs). The SROs work with the Redlands Unified School District to improve the safety of students and staff at the selected schools and to reduce crime committed by juveniles and young adults. Moreover, the SROs establish a trusting channel of communication with students, parents, and teachers. The SROs serve as positive role models to instill in students good moral standards, good judgment and discretion, respect for other students, and a sincere concern for the school community. One officer is assigned to Redlands High School, while the other officer is assigned to Citrus Valley High School. Both positions are funded by the Redlands Unified School District.
- Triage, Engagement, and Support Teams (TEST): One San Bernardino County Department of Behavioral Health TEST team member is assigned to work in the Redlands Police Department to assist both communities policing officers and patrol officers in providing services to residents. Triage teams specialize in crisis intervention, continuum of care, and intensive case management for individuals experiencing an urgent psychiatric health condition with up to 59 days of individualized linkage and follow-up services. The goal is to improve consumer experience by improving access to mental health services with local staff and rapid response times, allowing the consumer to possibly stay within their community by strengthening their opportunity for recovery and wellness while reducing involvement with the criminal justice system, reducing frequencies of emergency room visits and/or unnecessary hospitalization. While a valuable resource, there has been a high degree of turnover of TEST staff since its inception.
- Citizen Volunteers: The Department also has a Citizen Volunteer Unit consisting of hardworking men and women who have chosen to give back to their community. After a person completes the application process to join the Citizen Volunteer Unit, they complete a

preparation academy. This intensive training gives them an understanding of the various components of the department and the expectations of the community. After their initial training, the CVs patrol the city in specially marked patrol units and serve as the “eyes and ears” of the department. They provide a lookout for illegal activities, carry a police radio, and are in constant contact with Dispatch and the officers on duty.

Program Objectives:

- Support the department’s community policing and problem-solving efforts through active participation and input on issues.
- Conduct proactive patrols and take the appropriate enforcement action.
- Reduce the number of traffic collisions by enforcing traffic laws.
- Reduce the number of traffic collisions caused by DUI drivers by conducting DUI checkpoints.
- Work with the Redlands Unified School District to improve the safety of students and staff at the selected schools and to reduce crime committed by juveniles and young adults.
- Work with the Department of Behavioral Health to improve the consumer experience.
- Maintain a strong, viable volunteer program that assists department members in their efforts to provide a safe and sustainable community.

Accomplishments for Fiscal Year 2021-2022:

- The Traffic and Special Events Unit assisted with traffic control and in providing public safety services at several special events in town that resumed once COVID restrictions began to lift such as the Redlands Bowl Summer Music Festival, and Run thru Redlands, commencement and graduation ceremonies, and other outdoor events.
- The Traffic Unit continued its regular enforcement duties, and the department was awarded the Office of Traffic Safety Selective Traffic Enforcement Program grant for 2021/2022 in the amount of $103,000. The grant provides funding to conduct six (6) DUI checkpoints, eight (8) DUI saturation patrols, one (1) Know Your Limit campaign, two (2) collaborative DUI and traffic enforcements with partner agencies, sixteen (16) different traffic enforcement operations, and a traffic safety education class. Thus far, the Traffic Unit has investigated a total of seven (7) traffic fatalities during the fiscal year.
- The Community Policing Unit continues to foster positive police-community relationships by coordinating and participating in numerous community policing events and youth leadership activities and programs. Many of these community events are sponsored by the Redlands Police Community Foundation (RPCF), a non-profit organization dedicated to providing additional support to the Redlands Police Department, including the “Coptober Community Fair,” the serving of community Thanksgiving meals, Blue Christmas, Heroes and Helpers, and other youth leadership events throughout the year.
- Despite various COVID-19 challenges that limited the activity of the unit, members of the Citizen Volunteer Unit donated approximately 3,500 hours in 2021/2022. Volunteers are a vital part of the department’s strategy to meet the public safety needs of the community. The operational expenses of the Citizen Volunteer Unit are funded through the RPCF.
- Officers continue to address problems associated with homelessness by taking a proactive and holistic approach to solving issues. Officers have helped some homeless obtain housing and other resources. Additionally, they have worked with several agencies to clean up homeless camps. The department has also implemented and maintained a strategy that keeps city parks free from homeless encampments by offering individuals a bed in a local transitional housing facility. Funding to continue this strategy has been secured into the next year.

- Redlands Unified School District students resumed in-person instruction after 1.5 years of distance learning as a result of COVID-19. The SROs were once again able to interact with the students in a traditional, on-site manner.

DEPARTMENT/DIVISION
COMMUNITY SERVICES

FUND
GENERAL FUND

ORGKEY
101204

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	1,120,468	1,269,906	1,192,073	-	-
5003	Labor Code Sec 4850	2,413	-	6,604	-	-
5101	Overtime Salaries	46,517	155,000	155,000	-	-
5102	O.T. Reimbursable	14,155	45,000	45,000	-	-
5104	Major Crime OT	9,688	8,500	8,500	-	-
5105	Overtime: Court/Other	1,637	4,000	4,000	-	-
5202	Holiday Pay	15,091	-	17,438	-	-
5203	Bonus	2,000	-	-	-	-
5204	Accrual Payout	28,626	-	34,722	-	-
5301	Banked Leave Buy Back	95,670	142,954	96,334	-	-
5401	Pension Contributions	712,899	914,382	502,383	-	-
5501	FICA/Medicare	25,344	32,066	26,559	-	-
5601	Deferred Compensation	73,626	97,023	13,671	-	-
5701	Health/Dental Insurance	165,995	212,877	199,720	-	-
5702	Workers' Comp Insurance	19,533	22,750	22,750	-	-
5703	Disability Insurance	948	1,264	1,008	-	-
5704	Unemployment Insurance	859	5,136	4,626	-	-
5705	Life Insurance	596	745	662	-	-
5802	Eyecare Reimbursement	-	450	450	-	-
5803	Clothing Allowance	24,908	33,616	33,616	-	-
5903	Other Taxable Benefits	9,561	11,860	11,860	-	-
	TOTAL SALARIES AND BENEFITS	2,370,534	2,957,529	2,376,976	-	-
	SERVICES					
6402	Travel Expense/Reimbursement	50	-	-	-	-
6710	Special Contractual Services	20,555	38,500	38,500	40,425	42,446
6802	Info Tech Service Charges	67,766	92,592	92,592	154,066	165,741
	TOTAL SERVICES	88,371	131,092	131,092	194,491	208,187
	SUPPLIES					
7806	Promotional Supplies	-	5,000	5,000	5,250	5,513
	TOTAL SUPPLIES	-	5,000	5,000	5,250	5,513
	DIVISION TOTAL	2,458,905	3,093,621	2,513,068	199,741	213,700

Police
Special Services Bureau

Program Description:

The Redlands Police Department's Investigations Unit is responsible for conducting criminal investigations and unresolved field investigations. Following up on the initial efforts of patrol and community service officers, the Investigations Unit's mission is to identify and apprehend those responsible for the commission of various crimes, such as homicides, sexual assaults, robberies, burglaries, thefts, aggravated assaults, and facilitate the recovery of stolen property. The Investigations Unit is also responsible for protecting the innocent and wrongfully accused. Criminal investigations include gathering information, interviewing parties, and collecting evidence. The arrests of offenders and recovery of stolen property are accomplished through the evaluation of crime trends and patterns, the identification and location of past and probable offenders, and the utilization of modern police technology and forensic sciences. By developing and maintaining active relationships between the Redlands Police Department and other law enforcement agencies, social service organizations, local citizen groups, and the district attorney, the investigators successfully bring criminal cases to prosecution and conviction.

The Investigations Unit is comprised of the following:

- Violent Crimes: This sub-unit has primary responsibility for homicides, rapes, assaults, robberies, and other acts of violence against adults.
- Special Victims: This sub-unit has primary responsibility for crimes against children or senior citizens.
- Property Crime: This sub-unit is responsible for burglaries, fraud, identity theft, vehicle theft, and other theft-related crimes.
- Internet Crime Against Children (ICAC): This subunit is associated with LAPD's ICAC Task Force and is responsible for investigating Internet crimes against children. Reports are generated through the National Center for Missing and Exploited Children (NCMEC). NCMEC receives the reports from electronic service providers and persons who report directly on their website.
- Crime Analysis: This sub-unit has primary responsibility for analyzing crime trends, series, and patterns to increase the department's ability to investigate and apprehend criminals, as well as control crime.
- Forensics Unit: This sub-unit works closely with the Investigations Unit, other members of the Special Services Bureau, and the Patrol Services Bureau handling various types of calls including sex crimes, homicides, traffic investigations, and property crimes.
- Property and Evidence: This sub-unit assists by properly retaining and maintaining all property and evidence. The Unit is also responsible for the transportation of items of evidence for additional processing to the San Bernardino County Sheriff's Crime Lab.

Program Objectives:

- Investigate crimes to disposition, including arrest, prosecution, and conviction.
- Develop and implement strategies to address crime trends, patterns, and series.
- Train and educate patrol officers in specialized criminal investigations and procedures.

Significant Program Changes:

- Due to staffing shortages, reassignment of one (1) detective previously assigned to the San Bernardino County Sheriff's Department Human Trafficking Task Force to the Redlands Police Department's Investigative Services Bureau.

Accomplishments for Fiscal Year 2021-2022:

- Detectives responded to assist Patrol at the scene of a homicide. Upon entry, officers located a 33-year-old male victim deceased with multiple gunshot wounds. Investigators identified the suspect who was later located and arrested, along with his 23-year-old girlfriend.
- Detectives responded to assist Patrol upon the scene of a homicide. It was determined that the victim and suspect were involved in an altercation over a drug deal. The suspect struck the victim with a piece of concrete, killing him. The suspect was arrested.
- Detectives worked a case where a man entered a home in a neighborhood through an unlocked window shortly after 3 a.m. Once inside the house, the man inappropriately touched a sleeping 10-year-old boy over his clothing. When the victim woke up, the intruder fled through the window. Detectives identified and arrested the suspect on charges of burglary and lewd conduct with a child under 14.
- Detectives followed up on a report of an assault at a Starbucks where a victim was found bleeding from a head injury. Officers learned the unknown suspect confronted the victim inside the business and punched and kicked him several times before fleeing. Detectives identified the suspect and, with the assistance of SET officers, were able to take him into custody.
- Detectives investigated reports of multiple fire hydrants being stolen throughout the City. During the investigation, officers located two suspect vehicles, including a U-Haul, in the theft of a fire hydrant in the area of Orange Tree Lane and California Street. The vehicles were stopped at a warehouse on Pioneer Avenue with a total of three adult occupants and a 4-year-old child. During the investigation, detectives located portions of the missing fire hydrants, specialized tools, and other equipment as well as construction spools of copper wire inside the U-Haul. Police also located recycling receipts. An additional vehicle was located at a residence in the City with another fire hydrant in the back seat. Another hydrant was located in the yard of the residence. Three people were arrested.
- Detectives followed up on a report of a strong-arm robbery near the Ross store in Redlands. The suspect forcefully pushed the victim down and stole her purse. A witness observed the suspect enter a vehicle and flee the area. MET officers were able to locate the vehicle and detain three juvenile occupants. Detectives responded to conduct a follow-up investigation, and the suspects were all arrested and booked into juvenile hall.
- Detectives followed up on a theft from a storage facility, where the victim lost a large quantity of rare and valuable coins and collectible paper currency. Detectives identified suspects and, with a great deal of assistance from the SET team, were able to locate and recover the majority of the stolen property from multiple locations and arrest the suspects.
- Detectives took a report of historical sexual abuse of over 6 years. Detectives conducted a follow-up investigation and were able to obtain an arrest warrant for the suspect. With the assistance of the SET team, the detectives were able to take the suspect into custody.
- Detectives responded to assist Patrol in the investigation of a robbery that had occurred at a local business. Patrol officers responded and located the suspects. Detectives assisted in serving search warrants and recovering the stolen property.

Program Description:

The Redlands Police Department's Special Operations Unit was created to lead the department's proactive efforts to intervene in street-level felonious crime through prevention, intervention, and suppression of criminal activity. The Special Operations Unit is comprised of the following:

- Multiple Enforcement Team (MET): A proactive group of officers whose responsibilities include monitoring and suppressing gang activity, addressing emerging crime patterns and series, and conducting investigations of gang-related crimes. MET suppresses gang activities and crime patterns through street contact, intelligence gathering, and selective enforcement. MET works closely with the probation and parole departments and participates in countywide gang suppression activities. MET attends parole check-ins to keep abreast of current parolees in Redlands. The team relies heavily on crime data and analysis to perform its mission. In addition, the responsibility of investigating auto thefts falls under MET.
- Special Enforcement Team (SET): SET is responsible for the apprehension of suspects who have committed serious crimes in the city of Redlands. SET has one officer assigned to IRNET, the Inland Regional Narcotics Enforcement Team. IRNET is responsible for major narcotics investigations throughout the Inland Empire and beyond. SET also handles all criminal extraditions for the Police Department. This requires team members to travel to different jurisdictions or states to retrieve wanted suspects who have been apprehended for crimes committed in Redlands.

- Special Weapons and Tactics Team: The department's Special Weapons and Tactics (SWAT) team performs high-risk operations that fall outside the abilities of regular officers. SWAT duties include serving high-risk search warrants and dealing with barricaded suspects and heavily-armed criminals.
- Crisis Negotiation Team: The RPD Crisis Negotiation Team responds to incidents that involve barricaded subjects, with or without hostages, and suicidal subjects. Using highly skilled and trained negotiators, the team strives to resolve incidents peacefully, thereby reducing the risk of injury or loss of life.

Program Objectives:

- Use proactive efforts through prevention, intervention, and suppression to address criminal activity, crime trends, and criminal offenders
- Continued participation in the regional drug task force which enhances the effectiveness of efforts to lower illegal narcotic sales, use, and production in the Inland Empire area
- Continue collaborative efforts to supervise and rehabilitate probationers released into our community on Post Release Community Supervision (PRCS)
- Train and educate patrol officers in specialized criminal investigations and procedures

Significant Changes:

- As a result of staffing shortages, in December 2021, the MET team was temporarily disbanded to fill numerous vacancies within the Patrol Services Bureau to allow the Redlands Police Department to continue to respond to calls for services within the City.

Accomplishments for Fiscal Year 2021-2022:

- RFD responded to an early morning structure fire off of San Timoteo Canyon Road and discovered an illegal marijuana cultivation operation with thousands of plants and an outbuilding containing a sophisticated marijuana cultivation operation. The RPD's Street Enforcement Team and members of the San Bernardino County Sheriff's Department's Marijuana Enforcement Team responded to investigate the illegal cultivation operation, and in total, more than 11,000 marijuana plants and 83 pounds of harvested product were taken for destruction.
- The SET team developed information regarding a mid-level fentanyl dealer who had been supplying several street-level dealers in Redlands. Through investigation, they identified and located the subject. With the assistance of the MET team, they conducted a traffic stop which led to a search of the vehicle. Approximately two pounds of powdered fentanyl and a half-ounce of methamphetamine were located inside the vehicle. They then served a search warrant at the suspect's residence, which yielded additional powdered fentanyl, 30 Xanax pills, a semi-automatic pistol, and other items indicative of illicit drug sales. One male and one female were arrested.
- RPD received a report that a man armed with a handgun was robbing the U.S. Bank at 640 Orange St. MET/SET and patrol officers arrived as the suspect was fleeing the bank on foot and apprehended him before he could get into his vehicle. Police found the suspect in possession of cash from the bank robbery. Inside his vehicle officers discovered several firearms and hundreds of rounds of ammunition. The suspect was arrested and police investigated the possibility that he was involved in additional bank robberies in the area.
- The MET team received information that a female had been sexually assaulted by a local gang member. The unit investigated the report with the assistance of detectives. A search warrant was obtained and the suspect was taken into custody.
- The MET team developed information that two subjects who were on parole had firearms, narcotics, and a stolen vehicle. The team worked with SET officers and was able to make contact with the suspects. One suspect was taken into custody at that time for possession of a firearm and narcotics.
- The MET team developed information that a gang member was supplying guns and drugs to Redlands' residents. The SET team worked with MET leading to the arrest of a San Bernardino gang member while on parole who was in possession of 5 firearms and over 3 ounces of methamphetamine. The investigation revealed the gang member was participating in street-level sales of narcotics and trafficking of firearms in the City of Redlands.
- The MET team conducted a traffic stop on a North Side Redlands gang member resulting in a brief pursuit and subsequent arrest for failing to yield. A follow-up probation search of the subject's Redlands residence revealed he was in possession of a short barrel AR-15 and armor-piercing ammunition.
- During a proactive traffic stop, MET officers recovered over 3 pounds of methamphetamine. The investigation revealed that the arrested suspect was a gang member participating in drug trafficking between Southern California and Colorado.
- The SET team assisted the detectives on two robbery investigations that were determined to be related. During their investigation, SET served several warrants and developed information regarding the suspects. The suspects were also identified in other robberies in other jurisdictions. During their investigation, the SET team located one of the suspects in Palm Springs. They conducted extensive surveillance which allowed them to identify additional suspects. Detectives organized a multi-agency plan to take the primary suspect into custody and serve additional search warrants. The SET team, along with officers from other jurisdictions, was able to take the primary suspect into

custody and later serve the warrants. The investigation concluded with the arrest of six males and one female and the recovery of six loaded guns and one AR-15.

- The SET team assisted the detectives with a mail theft series. Detectives developed information on a possible person of interest. The SET team spent several days conducting surveillance and conducting further investigation. The SET team was able to locate a U-Haul vehicle in Yucaipa that was associated with the thefts and near a residence of an associate of the person of interest. Through further investigation and surveillance, the SET team was able to coordinate a traffic stop of a suspect vehicle which resulted in the arrest of a suspect. The detectives worked with the Postal Inspectors to file federal charges against the suspect.
- The MET and SET teams recovered 34 guns during various investigations.
- The SET team conducted 106 surveillance operations and made 100 arrests.

DEPARTMENT/DIVISION
SPECIAL SERVICES

FUND
GENERAL FUND

ORGKEY
101205

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	2,735,412	2,932,413	2,505,847	-	-
5002	Salaries: Part-Time	-	-	11,712	-	-
5003	Labor Code Sec 4850	5,023	-	81,258	-	-
5101	Overtime Salaries	157,963	268,000	268,000	-	-
5102	O.T. Reimbursable	23,350	60,000	75,000	-	-
5104	Major Crime OT	101,391	154,000	109,000	-	-
5105	Overtime: Court/Other	27,541	27,500	57,500	-	-
5201	Stand By	7,145	9,000	11,496	-	-
5202	Holiday Pay	37,490	-	38,524	-	-
5204	Accrual Payout	118,407	-	102,345	-	-
5301	Banked Leave Buy Back	250,056	406,916	215,551	-	-
5401	Pension Contributions	1,923,827	2,000,502	1,884,255	-	-
5501	FICA/Medicare	62,564	80,517	68,752	-	-
5601	Deferred Compensation	306,055	10,387	27,326	-	-
5701	Health/Dental Insurance	403,237	430,375	362,109	-	-
5702	Workers' Comp Insurance	54,259	62,768	62,768	-	-
5703	Disability Insurance	1,939	3,617	3,724	-	-
5704	Unemployment Insurance	2,268	11,429	11,011	-	-
5705	Life Insurance	1,473	1,659	1,551	-	-
5802	Eyecare Reimbursement	-	1,125	1,125	-	-
5803	Clothing Allowance	65,788	72,016	72,016	-	-
5903	Other Taxable Benefits	25,875	40,540	40,540	-	-
	TOTAL SALARIES AND BENEFITS	6,311,063	6,572,764	6,011,410	-	-
	SERVICES					
6701	Undercover Investigations	-	15,000	15,000	15,000	15,000
6703	Software Support/Development	-	-	-	35,159	18,604
6710	Special Contractual Services	2,222	2,665	2,665	8,298	8,438
6802	Info Tech Service Charges	174,854	254,628	254,628	319,984	344,231
	TOTAL SERVICES	177,076	272,293	272,293	378,441	386,273
	SUPPLIES					
7102	Small Tools & Equipment	-	-	-	16,150	3,600
7803	Chemical & Lab Supplies	3,293	3,300	3,300	3,465	3,638
7810	Special Departmental Supplies	-	-	-	22,500	-
7901	Non-Capital Expenditures	-	-	-	35,000	-
	TOTAL SUPPLIES	3,293	3,300	3,300	77,115	7,238
	DIVISION TOTAL	6,491,432	6,848,357	6,287,003	455,556	393,511
	DEPARTMENT TOTAL	28,497,658	34,666,137	33,359,600	35,335,442	35,551,297

Police
Asset Forfeiture and Grants

Program Description:

The Redlands Police Department receives a share of the value of all assets seized during drug-related arrests. Expenditures of these funds are intended to supplement, not supplant, police department needs, including personnel, equipment, and vehicles. All expenditures follow guidelines as cited in the U.S. Department of Justice's "Guide to Equitable Sharing of Federally Forfeited Property for State and Local Law Enforcement Agencies."

The Redlands Police Department actively seeks a variety of grants to supplement operations.

Program Objectives:

Asset forfeiture supplements a variety of community drug and violence resistance programs.

Grants awarded and/or funded through the 2021-2022 fiscal year include:

- The State Homeland Security Grant Program (HSGP) is designed to secure and provide the nation with the capabilities required across the whole community to prevent, protect against, mitigate, respond to, and recover from threats, hazards, and acts of terrorism and other catastrophic events that pose a great risk to the United States. The HSGP is one tool among a comprehensive set of federal measures administered by Cal OES to help strengthen the state against risks associated with potential terrorist attacks. The Redlands Police Department funding for this period includes funding for seven (7) SWAT ballistic vests.
- State of California Department of Justice Tobacco Grant funds will be used to conduct decoy operations, shoulder tap operations, inspections, and education efforts, much like the efforts that have been implemented around alcohol-related issues.
- Office of Traffic Safety Selective Traffic Enforcement Grant focuses on traffic safety issues and enforcement that funds overtime for DUI and driver's license checkpoints; DUI saturation patrols; special enforcement operations and court stings. The OTS grant also provides for traffic enforcement-related training.
- Supplemental Law Enforcement Services Fund (SLESF) supplements one full-time community services officer, one full-time property & evidence technician, one part-time community service officer for fleet maintenance, and two part-time background investigators, as well as purchasing specialized equipment for the department.

DEPARTMENT/DIVISION
GOV'T GRANTS - POLICE

FUND
POLICE GRANT FUND

ORGKEY
200202

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5101	Overtime Salaries	9,122	46,700	46,700	-	-
5102	O.T. Reimbursable	65,171	167,779	123,912	-	-
	TOTAL SALARIES AND BENEFITS	74,293	214,479	170,612	-	-
	SERVICES					
6402	Travel Expense/Reimbursement	1,017	5,310	1,697	-	-
6403	Training	-	-	250	-	-
6710	Special Contractual Services	22,748	23,208	23,208	-	-
	TOTAL SERVICES	23,765	28,518	25,155	-	-
	SUPPLIES					
7004	Uniform/Safety Clothing	4,191	1,910	23,568	-	-
7810	Special Departmental Supplies	24,598	96,309	93,596	-	-
	TOTAL SUPPLIES	28,789	98,219	117,164	-	-
	FIXED ASSETS					
8706	All Other Equipment	-	86,251	86,251	-	-
	TOTAL FIXED ASSETS	-	86,251	86,251	-	-
	DEPARTMENT TOTAL	126,847	427,467	399,182	-	-

DEPARTMENT/DIVISION
ASSET FORFEITURE

FUND
ASSET FORFEITURE FUND

ORGKEY
246200

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5101	Overtime Salaries	-	35,000	-	35,000	35,000
5501	FICA/Medicare	-	508	-	508	508
	TOTAL SALARIES AND BENEFITS	-	35,508	-	35,508	35,508
	SERVICES					
6510	Other Insurance	719	800	800	840	882
6703	Software Support/Development	-	4,995	13,087	11,692	11,692
6704	Community Grant Award	2,200	476	476	384	-
6710	Special Contractual Services	24,637	21,500	21,500	21,500	21,500
	TOTAL SERVICES	27,556	27,771	35,863	34,416	34,074
	SUPPLIES					
7004	Uniform/Safety Clothing	-	-	7,500	27,000	24,000
7101	Office Equipment & Furniture	-	5,000	-	-	-
7805	Weapons & Ammunitions	8,728	15,000	25,000	45,000	15,000
7810	Special Departmental Supplies	24,954	76,460	50,000	50,000	50,000
	TOTAL SUPPLIES	33,682	96,460	82,500	122,000	89,000
	FIXED ASSETS					
8704	Motor Vehicles	-	6,820	6,783	-	-
	TOTAL FIXED ASSETS	37,340	6,820	6,783	-	-
	FUND TOTAL	98,578	166,559	125,146	191,924	158,582

DEPARTMENT/DIVISION

SUPPLEMENTAL LAW ENFORCEMENT

FUND

SUPPLEMENTAL LAW ENFORCEMENT FUND

ORGKEY

249200

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	123,463	-	-	-	-
5002	Salaries: Part-Time	18,435	101,700	-	112,084	117,558
5101	Overtime	3,138	-	-	-	-
5105	OTOther	112	-	-	-	-
5202	HolidayPay	604	-	-	-	-
5301	Banked Leave Buy Back	1,136	-	-	-	-
5401	Pension Contributions	28,540	-	-	-	-
5501	FICA/Medicare	12,488	7,780	-	-	-
5601	Deferred Compensation	860	-	-	-	-
5701	Health/Dental Insurance	14,229	-	-	-	-
5702	Workers' Comp Insurance	1,655	2,175	2,175	2,175	2,715
5703	Disability Insurance	1,287	-	-	-	-
5704	Unemployment Insurance	1,878	2,604	-	-	-
5705	Life Insurance	124	-	-	-	-
5803	Clothing Allowance	3,400	-	-	-	-
5903	Other Taxable Benefits	1,714	-	-	-	-
	TOTAL SALARIES AND BENEFITS	213,063	114,259	2,175	114,259	120,273
	SERVICES					
6703	Software Support/Development	9,290	10,000	10,177	94,132	94,132
6710	Special Contractual Services	12,000	25,000	25,000	25,000	25,000
	TOTAL SERVICES	21,290	35,000	35,177	119,132	119,132
	SUPPLIES					
7211	Computer Components	-	-	-	18,000	-
7901	Non-Capital Expenditures	8,570	-	-	-	-
	TOTAL SUPPLIES	8,570	-	-	18,000	-
	FIXED ASSETS					
8704	Motor Vehicles	-	75,000	75,000	-	75,000
8706	All Other Equipment	-	75,000	-	75,000	-
	TOTAL FIXED ASSETS	-	150,000	75,000	75,000	75,000
	FUND TOTAL	242,923	299,259	112,352	326,391	314,405

Fire

Mission Statement:

The vision of the Redlands Fire Department is to be a progressive organization that leads the community in public safety. The service we provide will be of the highest quality and recognized as “The Redlands Way.”

Our mission is to provide a safe, professional, and courteous team that strives to exceed the expectations of our community and our organization. This mission requires our members to be part of a capable, aggressive, all-risk fire department that is focused on “Preserving the Past and Protecting the Future” of those we serve. We will hold to the core values of honor, loyalty, pride, and courage while pursuing the ideals of compassion, respect, efficiency, and innovation to accomplish our mission.

Departmental Goals:

- Remodel Fire Station 262 to accommodate multi-gender crews and meet ADA requirements.
- Secure funding for design, engineering, and construction for the relocation of Fire Station 264.
- Secure funding for the design, engineering, and construction of Fire Stations 265 and 266.
- Implement the FY22/23 objectives of the Strategic Plan.
- Continue to safeguard the community from fire through effective fire suppression, fire code compliance programs, public education, and risk mitigation.
- Continue to provide skilled and empathetic advanced life support pre-hospital care by well-trained personnel, as well as meet the education and delivery standards required by the State of California and County of San Bernardino to ensure this level of service.
- Development, implementation, and sustenance of a successful community-based education related to CPR and automatic external defibrillators.

Fire
Administrative Services

Division Description:

Administrative Services consists of the Fire Chief who oversees all Fire Department activities. The Fire Chief is supported by one Management Analyst. The Redlands Fire Department operates and maintains four separate fire stations and Fire Headquarters. The Administrative Division is responsible for the overall management of the various programs of the department and ensures overall requirements and program goals and objectives are accomplished.

Division Objectives:

- Continue to exercise fiscal discipline, monitor the budget, and remain committed to providing a high level of service to the residents of the City of Redlands.
- Restructure office staff functions, responsibilities, and procedures to be more efficient and productive.
- Draft, administer, and manage personnel policies and procedures for department personnel.
- Manage department contracts and agreements for programs and services, as well as partnerships with different fire agencies.
- Process, administer, and track mutual aid reimbursements from CalOES, Department of U.S. Forestry, and CalFire.
- Administer and process cost recovery billing contracts for the cost recovery program (Hazmat and Traffic Collisions), as well as the non-resident fee program; Process and track revenue for both programs.
- Administer the Household Hazardous Waste Program Contract with the San Bernardino County Fire District
- Administer grants agreements, projects, reimbursements, and the closeout of grants; continue to pursue grant opportunities to supplement department expenditures.
- Complete the purchase and installation of metal awning for the Household Hazardous Waste site funded through the CalRecycle grant.
- Continue to track expenditures for FEMA COVID-19 Public Assistance funding.

Fire
Suppression Division

Program Description:

This division operates under the direction of the Deputy Chief supported by one Sr. Administrative Assistant and consists of the 54 personnel assigned to line or operational responsibilities. The department staffs four 3-person engines, one 3-person ladder truck, one 2-person paramedic squad, and one Battalion Chief per 24-hour shift. Fire Department units responded to approximately 11,000 individual emergencies in 2021.

Redlands Fire Suppression personnel manage the following programs:

- *California Incident Command Certification System (CICCS):* The California Incident Command Certification System is a cooperative effort between the State Fire Marshal's Office and the Governor's Office of Emergency Services. This program standardizes training for wildland firefighting and certifies that individuals have been trained and hold a minimum level of competency (Cal-Fire, OES, County Fire Chiefs, NWCG FireScope).
- *Ladder Testing & Maintenance:* Testing, repair, and ongoing maintenance of ground ladders used by firefighters (NFPA 1932, OSHA).
- *Redlands Emergency Services Academy (RESA):* A mutual partnership between Redlands Fire and Police Departments, Crafton Hills College, Redlands Unified School District, and COMPACT to offer new graduates of Redlands high schools the opportunity to experience first-hand the duties of police officers and firefighters (Crafton Hills Community College).
- *Rope/Technical Rescue Training*: This is a multi-faceted program that deals with the use of rope to rescue civilians as well as firefighters. A rope is a versatile tool that can be used to aid search teams to locate victims, provide egress in self-rescue, and raise/lower teams to provide rescue from precarious locations. The main areas of focus for this program are LARRO (Low Angle Rope Rescue Operational), Aerial Ladder rescue, Personal escape device (self-rescue rope), and Vertical rescue (CSFM, CAL-OSHA).
- *CONFIRE Operations Committee:* This is a multi-agency committee tasked with identifying and addressing needs and issues, reviewing new products for departments and the region, resource deployments, move-ups, resource availability, response times, response plans, computer-aided dispatch, and other logistical and communications issues.
- *CONFIRE Support Committee:* The Confire Support Committee provides technical expertise and knowledge. They evaluate, vet, and coordinate with the Operations Committee on new product implementation and provide technical input to challenges or issues with communications and CAD equipment.
- *Personal Protective Equipment Program (PPE):* The PPE program is responsible for the supply cache inventory, specifications, and warranties of purchased PPEs, and tracking of issued equipment.
- *National Fire Incident Reporting System:* The National Fire Incident Reporting System (NFIRS) is a reporting standard that fire departments use to uniformly report on the full range of their activities, from fire to Emergency Medical Services (EMS) to severe weather and natural disasters.
- *Explorer Program/ Explorer Post 261:* In conjunction with the Boy Scouts of America, this program is designed to assist those between the ages of 15 and 21 in preparing for careers in the fire service. Additionally, the Explorers are utilized in many support functions within the department. Active members of Post 261 participate in group physical fitness, receive

classroom and hands-on training, and are involved in community events and projects. Fire Explorers learn firefighting skills, hose lays, ladders, basic first aid and patient care, wildland firefighting, vehicle extrication, and the use of firefighting tools and equipment.

- *Fit Testing/ N95/ P100 Tuberculosis Mask Fit Program:* This is an OSHA-required program that requires all personnel who wear Respiratory Equipment to be fit-tested annually. This ensures proper fit and seal, and limits exposure to toxic atmospheres. Title 8 annual fit testing of N-95 mask users is done to maintain compliance with the California Code of Regulations (OSHA 1910.134, California CCR Title 8, CCR).
- *Fleet Management:* The coordination of maintenance and repair of apparatus and equipment.
- *Hose Testing and Repair:* All fire hose within the department is annually tested. This program oversees over 60,000 feet of various sized diameter hoses and ensures an adequate inventory is kept meeting the needs of our department.
- *Safe Surrender:* As set forth under the Safely Surrendered Baby Law of 2006, this program allows mothers to drop off babies under 72 hours old at a Fire Station without any question. This very important program helps deter abandoning newborns (CFCA).
- *Standard Operating Procedures (Lexipol):* Management of this crucial program provides for the continuous updating and development of SOP's as related to the operations of the department.
- *Swiftwater Rescue:* Personnel assigned to this program have all been trained to the technician level, can train others, and are responsible for maintaining equipment inventories and serviceability.
- *Health and Wellness Program:* This program is a joint management and employee association program based upon the International Association of Fire Chiefs and International Association of Firefighters Wellness-Fitness Initiative (WFI) to improve the health and fitness of firefighters. Adopted in 2004, it helps reduce the risk of injury and illness and maintains a healthy and fit workforce (IAFC, IAFF).
- *Respiratory/SCBA Program:* Personnel assigned to this program ensure that all regulations, maintenance, and upgrading of fixed, mobile, and self-contained breathing systems are met. There are numerous federal, state, and local requirements and regulations that guide this program (NIOSH, NFPA, OSHA, CAL_OSHA, ANSI).
- *Pump Testing:* National Fire Protection Association Standard 1911 mandates fire apparatus pumps must be tested on an annual basis (NFPA 1911, Insurance Services Organization).

Program Objectives:

- Suppress structural, wildland, urban interface, vehicle, and other fires as necessary to ensure the health and safety of the community
- Provide emergency medical services to the ill and injured
- Conduct a technical search, rescue, and recovery activities within the City of Redlands or as requested on a mutual aid basis
- Respond to, contain, and oversee mitigation of hazardous materials incidents
- Conduct in-service training in support of the knowledge, skills, and abilities required to respond in a safe and proficient manner
- Support logistical and administrative functions as required to ensure the proper equipping, training, operations, and safety of the members of the Redlands Fire Department

Accomplishments for Calendar Year 2021:

- Members of the Redlands Fire Department were part of the COVID- 19 Incident Management Team that coordinated efforts countywide to create policy, public outreach, testing procedures, vaccine clinics for first responders, and response plans.
- Redlands Fire Department members participated in creating a Strategic Plan for the department. Committee members have actively met to coordinate the implementation of the goals and objectives of the plan which will be carried out over a 5-year timeframe.

DEPARTMENT/DIVISION
FIRE SUPPRESSION

FUND
GENERAL FUND

ORGKEY
101250

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	4,147,026	4,650,763	4,658,153	5,185,287	6,037,688
5002	Salaries: Part-Time	4,408	-	2,942	-	-
5003	Labor Code Sec 4850	184,289	150,000	1,138	2,000	3,000
5101	Overtime Salaries	335,686	320,000	305,000	350,000	375,000
5102	O.T. Reimbursable	323,229	620,000	400,000	600,000	620,000
5103	Constant Staffing	1,546,439	1,500,000	1,500,000	1,800,000	1,800,000
5202	Holiday Pay	150,182	-	152,431	-	-
5203	Bonus	4,456	-	-	-	-
5204	Accrual Payout	84,386	-	40,152	-	-
5301	Banked Leave Buy Back	81,658	387,469	97,709	498,915	572,712
5401	Pension Contributions	3,597,911	4,072,645	4,080,123	4,532,182	4,988,306
5501	FICA/Medicare	101,844	91,345	100,882	101,383	115,397
5601	Deferred Compensation	444,691	182,307	404,099	145,089	168,830
5701	Health/Dental Insurance	720,385	808,788	808,788	836,871	1,010,333
5702	Workers' Comp Insurance	259,344	286,706	286,706	102,356	110,667
5703	Disability Insurance	54,884	47,970	54,460	56,280	67,194
5704	Unemployment Insurance	3,392	15,863	15,697	17,599	20,203
5705	Life Insurance	2,066	2,303	2,303	2,555	2,933
5802	Eyecare Reimbursement	2,353	675	1,125	675	675
5803	Clothing Allowance	37,600	41,035	41,035	46,035	52,635
5903	Other Taxable Benefits	5,306	10,602	10,602	10,288	10,500
	TOTAL SALARIES AND BENEFITS	12,091,535	13,188,471	12,963,345	14,287,515	15,956,073
	SERVICES					
6005	License & Permits	1,580	7,000	6,500	7,000	7,000
6007	Penalties and Interest	-	-	26	-	-
6102	Legal Services	450	-	16,443	10,000	10,000
6105	Medical/Physicals	5,790	14,000	6,500	14,000	14,000
6106	Other Professional Services	7,460	15,000	15,000	19,000	20,000
6304	Telephone	15,243	-	10,000	15,000	15,000
6401	Meeting & Prof Development	642	2,500	2,500	2,500	2,500
6402	Travel Expense/Reimbursement	3,808	8,500	8,500	8,500	9,500
6403	Training	1,255	5,200	5,200	5,200	6,000
6601	Postage	1,357	1,500	1,500	1,500	2,000
6702	Fingerprinting	370	1,500	1,000	1,000	1,000
6703	Software Support/Development	5,002	6,000	6,500	6,500	7,500
6710	Special Contractual Services	259,824	155,481	155,481	286,602	270,500
6802	Info Tech Service Charges	229,708	107,055	107,055	238,496	271,724
6803	City Garage Charges	580,028	508,270	508,270	612,240	717,034
6901	Printing and Binding	1,366	2,000	2,000	2,500	2,500
6902	Advertising	5,024	2,500	2,500	2,500	2,500
6905	Clothing and Linen Rent	6,698	6,500	21,874	13,000	15,000
6906	Office Equip & Furn Rent	2,719	3,000	3,000	3,000	4,000
6907	Comms Service & Rental	389,259	421,237	421,317	456,093	472,641
6908	Other Rentals	1,650	5,000	5,000	5,000	6,000
6909	Subscriptions & Memberships	3,697	4,050	4,050	5,000	6,000
6912	Reimbursed Expenditures	1,898	1,510	1,510	-	-
	TOTAL SERVICES	1,524,828	1,277,803	1,311,726	1,714,631	1,862,399

DEPARTMENT/DIVISION
FIRE SUPPRESSION

FUND
GENERAL FUND

ORGKEY
101250

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7001	Books & Supplies	-	500	500	500	600
7002	Office Supplies	3,122	9,000	9,000	9,000	9,000
7003	Awards/Recognition Prgm	1,108	2,000	2,000	2,500	3,500
7004	Uniform/Safety Clothing	101,919	139,685	139,685	97,000	114,000
7005	Photo & Copying Supplies	-	2,000	2,000	2,000	2,500
7101	Office Equipment & Furniture	13,062	15,000	15,000	15,000	15,000
7102	Small Tools & Equipment	46,515	42,000	42,000	43,000	48,000
7201	Hardware Maint/Replace	673	4,987	4,987	6,000	7,000
7203	Office Equipment Maintenance	-	500	500	500	500
7204	Building/Grounds Maintenance	4,780	46,600	57,600	40,000	41,000
7205	Machinery & Equip. Maint.	25,973	24,893	24,893	21,800	22,300
7208	Repair/Maintenance Supplies	3,389	5,000	5,000	5,200	6,000
7209	Janitorial Supplies	20,981	18,000	18,000	18,000	18,500
7211	Computer Components	3,293	6,000	6,000	6,000	6,000
7213	Motor Vehicle Supplies	2,047	3,000	3,000	3,000	3,000
7804	Medical Supplies	1,030	5,260	5,260	3,000	3,500
7807	Food	3,379	4,000	4,000	4,000	4,500
7810	Special Departmental Supplies	150,750	125,051	125,051	199,050	199,250
7901	Non-Capital Expenditures	-	1	-	-	-
	TOTAL SUPPLIES	382,021	453,477	464,476	475,550	504,150
	FIXED ASSETS					
8501	Other Betterments/Improv	-	77,000	177,000	1,500,000	-
8503	Building Construction/Improv	-	695,875	595,875	-	-
8704	Motor Vehicles	133,418	3,092,160	30,000	160,000	180,000
8706	All Other Equipment	34,894	-	-	-	-
8801	Capital Lease	-	94,097	94,097	94,097	94,097
	TOTAL FIXED ASSETS	168,312	3,959,132	896,972	1,754,097	274,097
	DEBT SERVICE					
9001	Principal	239,514	246,478	3,372,397	253,645	383,259
9101	Interest	24,204	17,241	249,463	10,074	3,665
	TOTAL DEBT SERVICE	263,718	263,719	3,621,860	263,718	386,924
	DIVISION TOTAL	14,430,414	19,142,602	19,258,379	18,495,511	18,983,643

Fire
Community Risk Reduction Division

Program Description:

This division operates under the direction of the Fire Chief and consists of the Fire Marshal, one Deputy Fire Marshal, one Fire Inspector, and one Administrative Assistant II. Operating under the guidelines of the California Fire Code (CFC) as adopted by the State of California and the City of Redlands, the Community Risk Reduction Division provides an all-hazards approach to life and fire safety, safeguarding the community from fire and other hazards through education, engineering, enforcement, investigation, evaluation, and analysis.

Redlands Community Risk Reduction Division manages the following programs:

- *Code management and policy development relating to life and fire safety;*
- *Construction document reviews for all new and improved buildings and structures throughout the City;*
- *New construction inspection of all fire-rated construction and fire protection systems;*
- *State-mandated annual and routine fire inspections of existing multi-family apartment buildings, hotels & motels, educational facilities, commercial and industrial buildings, and facilities as well as the systems, processes, and uses within these buildings;*
- *Code enforcement activities involving imminent life and fire safety hazards and vegetation management;*
- *Public education and information; and*
- *Conducts fire investigations to determine the origin and cause of all fires and explosions, hazardous material releases, and determining and affixing responsibility to individuals either civilly or criminally.*

Program Objectives:

- Provide a review of development projects related to the model construction codes and standards
- Conduct and enforce the fire code as adopted by the City of Redlands
- Authorize issuance of operational permits related to systems, processes, and uses as defined in the California Fire Code
- Conduct routine life and fire safety inspections
- Direct the Vegetation Management Program that protects life and property through defensible space and fire-wise strategies
- Provide logistical support for major emergencies through disaster and emergency incident management
- Oversee special events to ensure proper safety (assemblies, fireworks, etc.)
- Determine the origin and cause of all fires and explosions within the City of Redlands
- Investigates, arrests, and submits reports to the District Attorney for fires determined to be arson
- Seek cost recovery as the result of fire department responses to arson, negligent fires, and hazardous material releases
- Conduct juvenile fire setter’s interventions
- Participation in city committees and advisory boards

Significant Program Changes:

- Develop and adopt California Fire Code provisions for January 1, 2023 adoption.
- Create developer guidelines and policies relating to the development
- Continue to re-staff to levels before COVID
- Re-established the State mandated inspections for hotels, motels, apartments, and educational occupancies

Accomplishments for Calendar Year 2021:

- Hired a new Deputy Fire Marshal and backfilled one Fire Inspector position
- Completed State mandated fire inspections for all hotels and motels
- Completed 632 construction document reviews
- Completed 794 new construction inspections
- Performed 161 routine fire inspections resulting in 1,186 violations found
- Conducted 483 vegetation (weed) abatement inspections

Goals for Calendar Year 2022:

- Prepare and deliver public education risk reduction, mitigation, and outreach materials to help reduce or eliminate specific hazards and risks
- Develop a partnership with ESRI to build risk management tools that will graphically display engineering, enforcement, and investigation risks and trends
- Begin the creation of a Community Wildfire Protection Plan
- Re-staff the Community Risk Reduction Division based on an NFPA 1730 analysis
- Revise the routine fire inspection program based on life, property, and environmental risks
- Rebuild the Community Risk Reduction website to be a resource for the community and development

DEPARTMENT/DIVISION
COMMUNITY RISK REDUCTION

FUND
GENERAL FUND

ORGKEY
101251

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	198,936	365,365	312,539	474,092	489,636
5002	Salaries: Part-Time	686	-	-	-	-
5101	Overtime Salaries	665	-	277	-	-
5202	Holiday Pay	4,497	-	5,044	-	-
5204	Accrual Payout	16,069	-	194	-	-
5301	Banked Leave Buy Back	1,220	816	-	4,576	10,824
5401	Pension Contributions	51,366	106,768	87,270	140,989	149,086
5501	FICA/Medicare	16,522	27,456	22,290	35,812	37,787
5601	Deferred Compensation	4,521	6,335	5,139	7,829	7,829
5701	Health/Dental Insurance	23,639	46,014	33,878	56,785	58,391
5702	Workers' Comp Insurance	10,232	11,238	11,238	11,066	11,964
5703	Disability Insurance	948	1,283	838	2,516	2,687
5704	Unemployment Insurance	300	1,953	3,021	2,604	2,604
5705	Life Insurance	157	284	230	378	378
5801	Vehicle Allowance			-		
5802	Eyecare Reimbursement	225	1,013	1,013	1,350	1,350
5803	Clothing Allowance	950	788	788	1,275	1,275
5903	Other Taxable Benefits	1,784	1,080	1,080	5,280	5,280
	TOTAL SALARIES AND BENEFITS	332,717	570,393	484,839	744,552	779,091
	SERVICES					
6106	Other Professional Services	5,515	10,000	10,000	10,000	10,000
6304	Telephone	4,360	4,500	4,500	4,500	4,500
6401	Meeting & Prof Development	100	2,400	1,400	2,400	2,400
6402	Travel Expense/Reimbursement	3,512	6,000	2,646	6,000	6,000
6403	Training	3,120	15,290	4,556	15,290	15,290
6601	Postage	254	1,500	1,500	1,500	1,500
6703	Software Support/Development	11,401	10,000	10,000	10,000	10,000
6710	Special Contractual Services	27,407	93,345	65,000	35,000	35,000
6802	Info Tech Service Charges	18,530	27,778	27,778	47,405	50,997
6901	Printing and Binding	2,266	2,500	2,500	2,500	2,500
6902	Advertising	-	5,000	2,500	5,000	5,000
6907	Comms Service & Rental	41,596	45,323	45,323	61,323	63,492
6909	Subscriptions & Memberships	4,284	5,290	5,290	5,290	5,290
6911	Bad Debt Expense	8,315	-	-	-	-
	TOTAL SERVICES	130,660	228,926	182,993	206,208	211,969
	SUPPLIES					
7001	Books & Supplies	1,832	3,000	3,000	5,000	5,000
7002	Office Supplies	542	3,150	3,150	3,000	3,500
7003	Awards/Recognition Prgm	-	1,300	1,300	1,500	1,500
7004	Uniform/Safety Clothing	4,159	12,000	12,000	12,000	12,000
7005	Photo & Copying Supplies	-	1,000	1,000	1,000	1,000
7101	Office Equipment & Furniture	1,013	1,500	1,500	1,500	1,500
7102	Small Tools & Equipment	4,914	8,800	8,800	8,800	8,800
7201	Hardware Maint/Replace	-	2,000	500	2,000	2,000
7204	Building/Grounds Maintenance	-	5,000	5,000	5,000	5,000
7205	Machinery & Equip. Maint.	1,000	2,200	2,200	2,200	2,200

DEPARTMENT/DIVISION
COMMUNITY RISK REDUCTION

FUND
GENERAL FUND

ORGKEY
101251

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7209	Janitorial Supplies	33	-	-	-	-
7211	Computer Components	2,136	3,000	3,000	3,000	3,000
7807	Food	332	1,000	1,000	1,000	1,000
7810	Special Departmental Supplies	3,252	6,000	6,000	6,000	6,000
	TOTAL SUPPLIES	19,213	49,950	48,450	52,000	52,500
	DIVISION TOTAL	482,590	849,269	716,282	1,002,760	1,043,560

Redlands Fire Department
Training Program

Program Description:

This division operates under the direction of the Deputy Chief and consists of 1 Shift Battalion Chief and is supported by 3 Shift Captains. This team is responsible for all aspects of developing, implementing and documenting training strategies and exercises while meeting local, state, and federal requirements. This Division provides training and proficiency drills in various areas such as fire suppression, emergency medical care, infection control, hazardous materials response, technical rescue, water rescue operations, and wildland-urban interface fire suppression. The Training Division is also responsible for identifying individual and department-level training needs to ensure we meet the challenges and necessities of the community we serve. No dedicated staff is assigned to this function.

The Training division manages the following programs:

- *California Firefighter Joint Apprenticeship Program:* An apprenticeship program that parallels the State Board of Fire Service and the National Fire Protection Association Standards (California Firefighter Joint Apprenticeship Committee).
- *Engineer/Captain Certification:* Engineer and Captain Certification programs provide an in-house on-duty approach to developing personnel in the skills and experience necessary to become an Engineer and Captain.
- *Recruit Firefighter Testing Program:* Development, implementation, and delivery of entry-level tests.
- *Crafton Hills College Reimbursement Program ISA:* Registration of fire department personnel, tracking and documentation of approved training hours, and participation in annual site visits by the program administrator.
- *SBCTOA:* Maintain participation in the San Bernardino County Training Officers Association (SBCTOA). Ensuring that departmental training is collaborative and interoperable within our area of operation and response.

Program Objectives:

- Administer and ensure all minimum mandated training is provided for all members of the Fire Department.
- Ensure that each Company/ Individual meets an average of 20 hours of training per person per month.
- Compile and maintain training records for all field operational personnel.
- Conduct regularly scheduled performance standard drills to enhance individual skills. This includes Fire Company functions and multi-company coordination for emergency applications, including technical training, team training, officer training programs, and specialized equipment training.
- Schedule and conduct mandated Hazardous Materials 1st Responder training.
- Schedule and conduct mandated Wildland Fire Training.
- Submit Monthly CFFJAC (California Fire Fighter Joint Apprenticeship Committee) reports.
- Submit semester training hours, training documentation, department student rosters, and coordinate site visits with Crafton Hills Community College.
- Conduct Pre-Fire Planning and Industrial Facility Tours for personnel.
- Conduct single and multi-company training with Fire Departments throughout the region.
- Ensure succession training needs are met for all positions within the department.
- Schedule additional training as mandated by federal and state requirements.

- Coordinate recruit and promotional manipulative examinations.
- Manage training materials at Fire Stations (i.e., training manuals, new textbooks & videos, accident/investigation reports from Firefighter injury or Fatality incidents, etc.)

Accomplishments for Calendar Year 2021:

- 18,149 Total Training hours: Successfully provided department-level training, meeting State and Federal requirements for a total of 18,149 training hours. The average training hours per person for 2021 was 342. This training was accomplished in the face of COVID restrictions and per CDC mandates.
- Infection Control Training: 248 hours of training were recorded for infection control, COVID-19, and disease prevention. The Redlands Fire Department has taken an aggressive approach to ensure the safety of department personnel during the pandemic.
- Firefighter Rescue: Performed a multi-day and multi-company drill on firefighter rescue. The drill focused on Rapid Intervention Crew operations and the command and control of Mayday operations at Crafton Hills College.
- Confined Space Rescue Awareness: Performed departmental training on confined space rescue and reviewed key incident command positions. Confined space rescue is a high-risk operation that requires an understanding of OSHA regulations as well as a variety of technical rescue skills.
- Rope Rescue: Performed rope rescue training in conjunction with the implementation of new rescue equipment. Rope rescue is a high-risk operation that requires routine manipulative training.
- Wildland Firefighter Training: Performed wildland firefighting training that meets CICCS requirements. Wildland firefighting is a high-risk operation with multiple risk factors that require dynamic training. The training was performed departmentally as well as in conjunction with Cal Fire, Crafton Hills College, and San Bernardino County Training Officers Association (SBCTOA).
- Tractor Drawn Aerial (TDA): Developed training materials and certification process for the implementation of a TDA. Training has begun for the lead trainers that will be responsible for the implementation of training for all Redlands Fire members. Implementation training will be conducted over the next fiscal year.

DEPARTMENT/DIVISION
FIRE TRAINING

FUND
GENERAL FUND

ORGKEY
101252

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	-	10,000	-	5,250	5,250
6401	Meeting & Prof Development	-	5,225	5,225	8,000	8,000
6402	Travel Expense/Reimbursement	-	7,000	7,000	8,000	8,000
6403	Training	1,582	27,225	27,225	34,300	34,300
6703	Software Support/Development	770	3,000	3,000	2,000	2,000
6710	Special Contractual Services	-	18,840	8,840	18,000	18,000
6901	Printing and Binding	500	1,500	1,500	2,500	2,500
6902	Advertising	-	1,500	1,500	1,500	1,500
6907	Comms Service & Rental	2	-	-	-	-
6909	Subscriptions & Memberships	2	3,350	3,350	4,125	4,125
	TOTAL SERVICES	2,856	77,640	57,640	83,675	83,675
	SUPPLIES					
7001	Books & Supplies	-	3,000	3,000	3,000	3,000
7002	Office Supplies	500	1,000	1,000	1,000	1,000
7004	Uniform/Safety Clothing	1,036	2,000	2,000	4,500	4,500
7005	Photo & Copying Supplies	-	500	500	1,000	1,000
7102	Small Tools & Equipment	949	3,500	3,500	6,000	6,000
7211	Computer Components	49	3,000	3,000	5,000	5,000
7807	Food	1,087	2,900	2,900	3,150	3,150
7810	Special Departmental Supplies	6,142	3,000	3,000	3,000	3,000
7812	Audio-Visual Materials	-	1,200	1,200	1,200	1,200
	TOTAL SUPPLIES	9,763	20,100	20,100	27,850	27,850
	DIVISION TOTAL	12,619	97,740	77,740	111,525	111,525

Fire
Emergency Preparedness

Program Description:

The Emergency Management and Preparedness Program has the task of planning and preparing all City departments, residents, and businesses for man-made and natural emergencies. The Emergency Operations division utilizes planning, training, and exercises to continually develop and sustain the City's mitigation, preparedness, response, and recovery capabilities. These capabilities minimize the loss of life and property and protect the environment from emergencies and significant disruptions. The Emergency Operations Division works with the City departments, other local municipalities, and an array of community-based organizations to ensure that the city and its residents have the resources and information they need to prepare, respond and recover from emergencies, disasters, and significant events.

Program Objectives:

- Update and maintain the City's Emergency Operations Flood and Local Hazard Mitigation Plan, Continual maintenance of the plan is required for the City to receive grant funding opportunities, as well as disaster recovery monies after an emergency, from the State of California and the Federal Government.
- Develop and coordinate with the American Red Cross, Redlands Unified School District, and the County of San Bernardino Office of Emergency Services on the mass care and sheltering needs of the city, as well as evacuation processes of the citizens within the city and their animals. The sheltering and evacuation needs will include the Access and Functional Needs community.
- Maintain and operate a viable Emergency Operations Center to ensure the readiness of the City.
- Coordinate with appropriate federal, state, and other local agencies, as well as applicable segments of private sector entities and volunteer agencies.
- Provide maintenance, updates to the system, and community outreach on the City's Emergency Notification System.
- Coordinate with local, county, and state agencies and organizations through mutual aid and mitigation agreements for disaster training.
- Standardized Emergency Management Systems (SEMS) and the National Incident Management System (NIMS).
- Develop NIMS compliance training program for all City employees.
- Develop an exercise program to include: Tabletop, functional and full-scale training for all EOC responders.
- Develop and implement a community outreach program to include; CERT, BERTT, Teen CERT, and citizen corps.
- Develop a communication partnership with the Redlands Emergency Communication Group to assist with mass care and shelter needs.
- Develop a partnership with the Faith-Based Community for donation management needs.

Accomplishments for Calendar Year 2021:

- Help with the recovery of $200,000 for the El Dorado Fire for MUED
- Prepared CERT volunteers
    - Fit tested
    - New Gear

    - Masks
- Provided masks to the Redlands Emergency Communications Group
- Trained CERT Members for Mobile Points of Dispense
- Provided Emergency Management Support to the following Incidents:
    - El Dorado Fire – tracked costs
    - Sunset Fire
    - Orange Fire
    - HAWC Water Break
    - Protests
    - Worked with GIS to monitor the 4th of July reporting

DEPARTMENT/DIVISION
EMERGENCY PREPAREDNESS

FUND
GENERAL FUND

ORGKEY
101254

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	15,565	24,221	24,369	25,922	27,705
5202	Holiday Pay	420	-	354	-	-
5204	Accrual Payout	202	-	236	-	-
5301	Banked Leave Buy Back	539	699	-	236	236
5401	Pension Contributions	5,929	7,142	7,189	7,359	7,535
5501	FICA/Medicare	1,603	1,910	1,731	1,897	1,897
5601	Deferred Compensation	301	301	301	301	301
5701	Health/Dental Insurance	3,824	4,108	4,292	4,108	4,314
5702	Workers' Comp Insurance	4,547	4,934	4,934	2,766	2,991
5704	Unemployment Insurance	34	152	152	152	152
5705	Life Insurance	20	22	24	22	22
5802	Eyecare Reimbursement	-	79	148	79	79
5903	Other Taxable Benefits	344	326	326	326	326
	TOTAL SALARIES AND BENEFITS	33,328	43,894	44,056	43,168	45,558
	SERVICES					
6106	Other Professional Services	396	3,500	3,500	3,500	4,000
6304	Telephone	5,022	3,500	3,500	4,000	4,000
6401	Meeting & Prof Development	1,108	5,000	5,000	5,000	5,000
6402	Travel Expense/Reimbursement	-	2,500	2,500	2,500	2,500
6403	Training	344	3,000	3,000	3,000	3,000
6601	Postage	286	500	500	500	500
6703	Software Support/Development	-	500	500	500	600
6708	Special Program Expenditures	378	2,500	2,500	2,500	2,500
6710	Special Contractual Services	-	3,000	3,000	3,000	3,000
6802	Info Tech Service Charges	8,161	9,259	9,259	11,851	12,749
6803	City Garage Charges	-	2,577	2,577	3,368	3,944
6901	Printing and Binding	-	2,500	2,500	2,500	2,500
6909	Subscriptions & Memberships	414	1,000	1,000	1,000	1,000
	TOTAL SERVICES	16,109	39,336	39,336	43,219	45,293
	SUPPLIES					
7002	Office Supplies	1,120	1,500	1,500	1,500	3,000
7004	Uniform/Safety Clothing	4,016	10,000	10,000	10,000	10,000
7005	Photo & Copying Supplies	-	2,500	2,500	2,500	2,500
7101	Office Equipment & Furniture	571	5,000	5,000	2,500	150,500
7102	Small Tools & Equipment	2,027	5,000	5,000	5,000	5,000
7203	Office Equipment Maintenance	-	2,000	2,000	2,000	2,000
7208	Repair/Maintenance Supplies	791	2,000	2,000	2,000	2,000
7209	Janitorial Supplies	111	1,000	1,000	1,000	1,500
7211	Computer Components	1,818	3,000	3,000	3,000	203,000
7804	Medical Supplies	6,278	25,000	15,000	25,000	25,000
7807	Food	2,088	5,000	5,000	5,000	5,000
7810	Special Departmental Supplies	6,377	10,000	10,000	10,000	10,000
7812	Audio-Visual Materials	-	3,000	3,000	3,000	3,000
	TOTAL SUPPLIES	25,197	75,000	65,000	72,500	419,500

DEPARTMENT/DIVISION
EMERGENCY PREPAREDNESS

FUND						**ORGKEY**
GENERAL FUND						101254
OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8701	Office Furniture	-	-	-	-	150,000
8702	Office Equipment	-	-	-	-	200,000
	TOTAL FIXED ASSETS	-	-	-	-	350,000
	DIVISION TOTAL	74,634	158,230	148,392	158,887	860,351
	DEPARTMENT TOTAL	15,000,257	20,247,841	20,200,793	19,768,684	20,999,079

DEPARTMENT/DIVISION
FIRE DEPARTMENT GRANTS

FUND
GENERAL FUND

ORGKEY
200250

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	1,030,136	16,208	16,208	-	-
5002	Salaries: Part-Time	-	3,604	-	-	-
5101	Overtime	49,002	-	-	-	-
5201	StandBy	14,012	-	-	-	-
5401	Pension Contributions	38,184	-	-	-	-
5501	FICA/Medicare	11,489	-	-	-	-
5701	Health/Dental Insurance	22,845	-	-	-	-
5702	Workers' Comp Insurance	4,098	-	-	-	-
5703	Disability Insurance	571	-	-	-	-
5704	Unemployment Insurance	2	-	-	-	-
5705	Life Insurance	118	-	-	-	-
5804	Uniform Rental	26	-	-	-	-
	TOTAL SALARIES AND BENEFITS	1,170,483	19,812	16,208	-	-
	SERVICES					
6106	Other Professional Services	38,707	93,407	93,407	-	-
6703	Software Support/Development	3,411	-	-	-	-
6710	Special Contractual Services	43,650	-	-	-	-
6901	Printing and Binding	346	-	-	-	-
6902	Advertising	800	-	-	-	-
6903	Janitorial Services	7,809	-	-	-	-
6912	Reimbursed Expenditures	(1,898)	(1,510)	7,727	-	-
	TOTAL SERVICES	92,825	91,897	101,134	-	-
	SUPPLIES					
7002	Office Supplies	3,088	5,548	-	-	-
7102	Small Tools & Equipment	423	-	-	-	-
7208	Repair/Maintenance Supplies	561	-	-	-	-
7209	Janitorial Supplies	2,441	-	-	-	-
7210	Building Supplies	1,225	-	-	-	-
7211	Computer Components	3,080	85	-	-	-
7804	Medical Supplies	13,795	-	-	-	-
7810	Special Departmental Supplies	55,868	38,162	38,162	-	-
7901	Non-Capital Expenditures	52,030	-	-	-	-
	TOTAL SUPPLIES	132,511	43,795	38,162	-	-
	FIXED ASSETS					
8501	Other Betterments/Improv	-	228,292	228,292	-	-
8706	All Other Equipment	10,019	-	-	-	-
	TOTAL FIXED ASSETS	10,019	228,292	228,292	-	-
	DEPARTMENT TOTAL	1,405,838	383,796	383,796	-	-

Fire
Emergency Medical Services

Program Description:

Overseen by the Deputy Chief and consists of an Emergency Medical Service Coordinator. The EMS Coordinator ensures compliance with federal, state, and county procedures and protocol as well as keeps pace with increased demands for service.

This program is responsible for ensuring the delivery of high-level advanced life support pre-hospital care by well-trained personnel, as well as meeting the education and delivery standards required by the State of California to ensure this level of service. The highly-trained Paramedics functions as an extension of the emergency room doctor and with his/her regulatory control can administer the necessary medical treatment to stabilize the patient before transport to the hospital. Paramedics presently respond from all fire stations.

This program includes a QA/QI program which is required and monitored by Inland Counties Emergency Medical Agency (ICEMA). The QA/QI program is overseen by the EMS Coordinator and provides oversight to training and certification as well as protocol implementation for both EMTs and Paramedics.

The Emergency Medical Services division operates and manages the following programs:

- Emergency Medical Technician (EMT Program):

The certification of Emergency Medical Technician is considered the basic level of prehospital emergency care in the modern-day Fire/Emergency Medical Service. This level of certification is the minimum standard for all Redlands Fire Department Suppression personnel. The responsibilities and scope of practice for the EMT are outlined in Title 22, Division 9 of the California Code of Regulations, which includes the following:

- Evaluate the ill and injured
- Render basic life support, rescue, and emergency care to patients
- Obtain diagnostic signs to include, but not be limited to, temperature, blood pressure, pulse, and respiration rates, pulse oximetry, level of consciousness, and pupil status
- Perform cardiopulmonary resuscitation (CPR), including the use of mechanical adjuncts to basic cardiopulmonary resuscitation
- Administer oxygen
- Use the following adjunctive airway and breathing aids:
  - Oropharyngeal airway
  - Nasopharyngeal airway
  - Suction devices
  - Basic oxygen delivery devices for supplemental oxygen therapy including, but not limited to, humidifiers, partial rebreathers, venture masks, and manual and mechanical ventilating devices designed for prehospital use including continuous positive airway pressure
- Use various types of stretchers and spinal immobilization devices
- Provide initial prehospital emergency care of trauma, including, but not limited to:
  - Bleeding control through the application of tourniquets
  - Use of hemostatic dressings
  - Spinal immobilization
  - Seated spinal immobilization

        - Extremity splinting
        - Traction splinting
    - Administer over the counter medication when approved by the medical director of the LEMSA, including, but not limited to:
        - Oral glucose or sugar solutions
        - Aspirin
    - Extricate entrapped persons
    - Perform field triage
    - Mechanical patient restraint
    - Set up for Advance Life Support (ALS) procedures, under the direction of a Paramedic
    - Perform automated external defibrillation
    - Assist patients with the administration of physician-prescribed devices including, but not limited to patient-operated medication pumps, sublingual nitroglycerine, and self-administered emergency medications including epinephrine devices

- Paramedic Program:

The Redlands Fire Department deploys at least one Paramedic on every emergency response vehicle, who is the primary patient caregiver on all emergency medical responses within the city. The Paramedic's scope of practice includes basic and advanced skills focused on the acute management and transportation of patients. This also includes invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies.

Under Title 22, Division 9 of the California Code of Regulations, the following are the minimum psychomotor skills of the Paramedic (including all skills within the EMT level):

- Utilize electrocardiographic devices and monitor electrocardiograms, including 12-lead electrocardiograms (ECG)
- Perform defibrillation, synchronized cardioversion, and external cardiac pacing
- Visualize the airway by use of the manual or video laryngoscope and remove the foreign body with Magill forceps
- Perform pulmonary ventilation by use of lower airway multi-lumen adjuncts, the esophageal airway, perilaryngeal airways, stomal intubation, and adult oral endotracheal intubation
- Utilize mechanical ventilation devices for continuous positive airway pressure (CPAP)/bi-level positive airway pressure (BPAP) and positive end-expiratory pressure (PEEP) in the spontaneously breathing patient
- Use airway adjuncts to assist in maintaining adequate ventilation with the use of capnography devices, intrathoracic threshold devices, and Hepa-filters
- Institute intravenous (IV) catheters, saline locks, needles, or other cannula (IV lines), in peripheral veins and monitor and administer medications through a pre-existing vascular access
- Institute interosseous (IO) needles or catheters
- Administer IV or IO glucose solutions or isotonic balanced salt solutions, including Ringer's lactate solution
- Obtain venous blood samples
- Use laboratory devices, including point of care testing, for pre-hospital screening, used to measure lab values including, but not limited to, glucose, capnometry, capnography, and carbon monoxide when appropriate authorization is obtained from State and Federal agencies, including from the Centers for Medicare and Medicaid Services according to the Clinical Laboratory Improvement Amendments (CLIA)

- Utilize Valsalva maneuver
- Perform percutaneous needle cricothyroidotomy
- Perform needle thoracotomy
- Perform nasogastric and orogastric tube insertion and suction
- Monitor thoracotomy tubes
- Monitor and adjust IV solutions containing potassium, equal to or less than 40 mEq/L
- Administer approved medications by the following routes: IV, IO, intramuscular, subcutaneous, inhalation, transcutaneous, rectal, sublingual, endotracheal, intranasal, oral, or topical
- Administer, using prepackaged products when available, the following medications:
    - 10% dextrose, adenosine, aerosolized or nebulized beta-2 specific bronchodilators, aspirin, atropine sulfate, calcium chloride, diphenhydramine hydrochloride, epinephrine, fentanyl, glucagon, ipratropium bromide, ketamine, lidocaine hydrochloride, magnesium sulfate, midazolam, naloxone hydrochloride, nitroglycerine preparations, ondansetron, tranexamic acid, and sodium bicarbonate

RFD Paramedics are held to a higher standard in terms of minimum certifications/qualifications. In addition to the state and local mandates for recertification, RFD requires all Paramedics to maintain a valid Pediatric Advanced Life Support (PALS) certification card. Once the minimum standards are met, the Emergency Medical Services Authority will issue a valid license, at the state level. In addition to state licensure, Paramedics must also hold a valid license under the Local Emergency Medical Services Authority (LEMSA). The LEMSA for the RFD is the Inland Counties Emergency Medical Agency (ICEMA), located in San Bernardino.

- *Advanced Cardiac Life Support (ACLS) Recertification Program:*

The Inland Counties Emergency Medical Agency (ICEMA), which is the Local Emergency Medical Services Authority (LEMSA), mandates that all Paramedics within its region maintain a valid Advanced Cardiac Life Support (ACLS) certification. The American Heart Association is the organization that prints the curriculum and conducts the research and development to ensure Paramedics are providing the most up-to-date care about cardiac events. An ACLS certification is valid for two years. ACLS certification requires:

- Basic life support skills, including effective chest compressions, use of a bag-mask device, and use of an AED
- Recognition and early management of respiratory and cardiac arrest
- Recognition and early management of peri-arrest conditions such as symptomatic bradycardia
- Airway management
- Related pharmacology
- Management of ACS and stroke
- Effective communication as a member and leader of a resuscitation team.

RFD currently has seven (7) certified ACLS instructors to provide this mandated training. This training requires the use of skills mannequins, airway training tools, EKG rhythm generators, and current edition instructor manuals with DVD instruction. RFD currently offers a minimum of six (6) recertification classes every two years, to cover all current RFD Paramedics.

- Pediatric Advanced Life Support (PALS) Recertification Program:

The Pediatric Advanced Life Support (PALS) certification is a course created by the American Heart Association. Although possession of this certification is not a state or local mandate, to

maintain Paramedic licensure, the Redlands Fire Department requires all Paramedics to maintain this certification as a commitment to excellence. The RFD recognizes that pediatric medical emergencies present different and complex challenges in the management of prehospital care. PALS certification requires:

- High-quality Child CPR AED and Infant CPR
- Recognition of patients who do and do not require immediate intervention
- Recognition of cardiopulmonary arrest early and application of CPR within 10 seconds
- Apply team dynamics
- Differentiation between respiratory distress and failure
- Early interventions for respiratory distress and failure
- Differentiation between compensated and decompensated (hypotensive) shock
- Early interventions for the treatment of shock
- Differentiation between unstable and stable patients with arrhythmias
- Clinical characteristics of instability in patients with arrhythmias
- Post–cardiac arrest management

This certification is valid for two years. RFD currently has seven (7) certified PALS instructors to provide this training. This training requires the use of pediatric/child skills mannequins, pediatric/child airway training tools, EKG rhythm generators, and current edition instructor manuals with DVD instruction. RFD currently offers a minimum of six (6) recertification classes every two years, to cover all current RFD Paramedics.

- Event Medic: Provides public safety and event medics to large events within the city. The medics provide Advanced Life Support EMS care to citizens and participants at events including the Redlands Bicycle Classic, Hangar 24 Air Show, Believe Walk, and A Run through Redlands (ICEMA).

- Cardiopulmonary Resuscitation-Internal Program: Each employee is required to maintain CPR certification, allowing CPR training to be taught in-house (AHA).

- Infectious Control: Responsible for the administration of the Infection Prevention and Control Program, which includes the identification, investigation, reporting, prevention, and control of nosocomial infections for personnel. Responsible for coordinating in-service programs related to infection prevention and control. The program is mandated by the Ryan White Act (CFR, Cal-OSHA, CDC, OSHA 1910, 130).

- Emergency Medical Services Quality Improvement Program: The quality improvement program maintains the regulatory requirement of quality assurance/ improvement for all personnel who perform emergency medical care to the sick and injured. The program is closely monitored as required by the Inland Counties Emergency Medical Services Agency, State Emergency Medical Authority, and California Code of Regulations, Title 22 (EMSA, ICEMA).

- ePCR: Management of the continued education of updates of the ICEMA mandated Electronic Patient Care Record System (ICEMA) RFD personnel are heavily involved in the ePCR working group and assist in updates, maintenance, and training of the program.

- Vaccination Administration Program: The Redlands Fire Department recently received local optional scope vaccination program approval through ICEMA to support EMT and EMT-P COVID-19 Intramuscular vaccination efforts in collaboration with the Redlands Community Hospital.

Program Objectives:

- Promote the highest standards of rapid response, patient evaluation, and emergency care possible.
- Provide ongoing training, recertification, and paramedic licensure oversight to ensure uninterrupted program delivery.
- Function as liaison for the City with County and State health care agencies.
- Provide strategic and tactical judgments regarding Citywide EMS resource coordination and delivery.
- Monitor and coordinate Safety Employee Bloodborne Pathogen/Exposure/Infection Control program. Operations Fire Captain Rob Sandberg and Engineer Brad Byers serve as Infection Control Officers as Ancillary Duties to assist the EMS Coordinator.
- Continue to conduct, monitor, and evaluate emergency medical technician training and operations as set forth by policy, procedure, and mandated protocol.
- Provide staff recommendations concerning EMS and related incident management functions.
- Coordinate City EMS functions with Department Medical Director.
- Evaluate, monitor, and coordinate the Fire Department Paramedic program.
- Complete T/B mask fitting for personnel per OSHA regulations.
- Maintain OSHA vaccination records and provide access to obtain titers and vaccinations as needed or requested.
- Continue to monitor and evaluate Citywide Automatic External Defibrillator Program.
- Administer, monitor, and oversee Paramedic Quality Improvement Program.
- Coordinate specific medical training with local ambulance providers.
- Continue to provide advanced life support to the community in the most economical way feasible.
- Continue to provide input at the County level with regional changes affecting EMS.
- Continue to advance medical equipment to maintain optimal functionality to provide the best and most efficient care to our communities.
- Continue to monitor the UCapIt vending machines at all fire stations for restocking purposes to improve inventory tracking and decrease unnecessary budgetary replacement costs.
- Continue to monitor the PS Trax controlled substance tracking software to improve the system in line with DEA requirements.
- Continue to advance training equipment and programs to align with current AHA and resuscitation academy recommendations for feedback and simulation devices to simulate real-life training scenarios.
- Continue to align with the RUSD to provide Stop the Bleed Training to all RUSD staff and students (post-COVID).

Significant Program Changes:

- The EMS Coordinator has conducted post-incident quality assurance review and training for paramedic and emergency medical technician personnel. The QA/QI program has identified residents who are frequent users of our emergency medical services and now assists them in accessing resources specific to their needs and condition. This lowers the demand for emergency services and keeps resources available for more pressing emergencies. Implementation of electronic patient care record-keeping systems in coordination with Inland Counties Emergency Medical Agency is continuing. Through CONFIRE, the Fire Department is now a party to an agreement with the Inland Counties Emergency Medical Agency and San Bernardino County Information Services Department that allows for more efficient centralization of response records.

- In-house paramedics have been certified to instruct both Advanced Cardiac Life Support and Pediatric Life Support to Paramedics, saving the City money.
- The Event Medic program has expanded to include Fireline Paramedics and EMTs who serve our community as well as other communities when called upon in time of disaster or fire.
- Continue to improve the City's infectious disease control plan to include specific procedures in the event of an outbreak in our city.

Accomplishments for Calendar Year 2021:

- Continued implementation of robust QI/QA program monitoring all cardiac arrests (to include CARES registry/Utstein parameters), strokes, STEMIs, TXA administrations, Narcan administrations, advanced procedures/medications, AMAs, controlled substance administrations, aspirin not administered in cardiac cases, epinephrine administrations, intubations, and capnography utilizations, pediatric incidents, trauma incidents, submersion incidents, incidents with low (less than 100%) validity.
- Advancement of the High-performance CPR program with the addition of the ZOLL impedance threshold device.
- Monitoring and re-training of Handtevy program. Trained seven (7) personnel in Handtevy Instructor course for updated pediatric advanced training for the department.
- Re-education of PS Trax software for controlled substance tracking.
- Movement of backup (line-medic) gear for inventory and budget tracking.
- Update Exposure Control Plan and Exposure Packets.
- Update Infectious Disease Plan and Protocols.
- Assist in the continuation of SB County COVID-19 Incident Management Team for protocol development, agency liaison monitoring, COVID-19 swabbing, and vaccinations.
- Updated ACLS instructor training.
- Updated AHA and Handtevy training material and equipment.
- Continued implementation of EMS training program with outside, peer, and EMS Coordinator instruction.
- Continued implementation of Firefighter Rehab program overseen by EMS Coordinator – procurement of rehab equipment, nutrition, and hydration.
- Development of paramedic equipment replacement program (for outdated, damaged equipment)
- Continued monitoring of waste disposal program.
- Development of community COVID-19 vaccine program alongside Redlands Community Hospital, Redlands Police Department, Redlands Unified School District, University of Redlands, and ESRI.
- Assist in the implementation of the Emergency Community Nurse System at the dispatch center.
- Development and implementation of the Naloxone Leave Behind Program.
- Participation in the statewide Pediatric Emergency Care Coordination Program.
- Implementation and submission for AHA: Mission Lifeline Recognition.
- Development and implementation of new hire and probational program.
- Submission of personnel recognition through Handtevy Challenge Coins and EMSA EMS Awards.

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DEPARTMENT/DIVISION
EMERGENCY MEDICAL SERVICES

FUND
EMERGENCY MEDICAL SERVICES FUND

ORGKEY
205250

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	2,026,446	2,324,229	2,193,258	2,275,875	2,578,944
5003	Labor Code Sec 4850	91,601	80,000	50,000	100,000	100,000
5101	Overtime Salaries	97,479	150,000	175,000	175,000	180,000
5102	O.T. Reimbursable	200,529	25,000	150,000	180,000	185,000
5103	Constant Staffing	855,769	600,000	600,000	650,000	700,000
5202	Holiday Pay	73,056	-	61,535	-	-
5204	Accrual Payout	11,773	-	6,388	-	-
5301	Banked Leave Buy Back	18,549	141,572	5,587	144,939	162,424
5401	Pension Contributions	463,713	605,290	459,982	440,083	483,097
5501	FICA/Medicare	51,863	43,964	52,606	43,345	48,041
5601	Deferred Compensation	65,920	68,500	41,415	67,533	76,969
5701	Health/Dental Insurance	366,270	369,603	348,782	311,779	360,197
5702	Workers' Comp Insurance	197,537	221,197	221,197	351,912	380,485
5703	Disability Insurance	31,345	23,650	30,839	25,546	29,108
5704	Unemployment Insurance	1,926	9,548	11,265	9,548	10,850
5705	Life Insurance	1,252	1,386	1,369	1,386	1,575
5802	Eyecare Reimbursement	-	225	225	225	225
5803	Clothing Allowance	20,350	23,100	23,100	23,100	26,400
5903	Other Taxable Benefits	1,165	9,330	9,330	11,670	11,670
	TOTAL SALARIES AND BENEFITS	4,576,543	4,696,594	4,441,878	4,811,941	5,334,985
	SERVICES					
6005	License & Permits	4,800	6,500	6,500	6,500	6,500
6105	Medical/Physicals	-	1,500	1,500	2,000	2,500
6106	Other Professional Services	18,700	24,000	23,000	28,000	28,000
6401	Meeting & Prof Development	3,764	5,800	5,800	5,800	5,800
6402	Travel Expense/Reimbursement	875	6,500	3,000	6,500	6,500
6403	Training	587	2,400	2,400	2,400	2,400
6601	Postage	157	-	500	600	800
6703	Software Support/Development	2,400	8,100	13,600	16,400	17,800
6710	Special Contractual Services	700	3,000	3,000	4,000	5,000
6802	Info Tech Service Charges	131,910	91,110	91,110	224,947	241,993
6803	City Garage Charges	-	-	-	66,680	78,093
6804	General Govt Service Charge	203,843	208,552	208,552	226,466	237,790
6901	Printing and Binding	-	2,500	1,500	3,000	3,500
6902	Advertising	665	2,000	2,000	2,000	2,000
6907	Comms Service & Rental	228,781	249,276	249,276	269,823	279,365
6909	Subscriptions & Memberships	6,095	4,420	8,025	9,920	10,420
	TOTAL SERVICES	603,277	615,658	619,763	875,036	928,461
	SUPPLIES					
7001	Books & Supplies	-	500	700	800	1,000
7002	Office Supplies	1,852	1,200	1,200	1,200	1,500
7003	Awards/Recognition Prgm	-	2,000	2,000	2,000	2,000
7004	Uniform/Safety Clothing	11,512	19,000	15,395	19,000	19,000
7101	Office Equipment/Furniture	-	3,000	3,000	3,000	3,500

DEPARTMENT/DIVISION
EMERGENCY MEDICAL SERVICES

FUND
EMERGENCY MEDICAL SERVICES FUND

ORGKEY
205250

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7102	Small Tools & Equipment	4,950	9,137	9,137	8,000	8,500
7205	Machinery & Equip. Maint.	95	33,459	34,159	31,800	31,800
7208	Repair/Maintenance Supplies	286	1,000	1,000	1,000	1,500
7209	Janitorial Supplies	1,438	1,000	1,000	1,000	1,000
7211	Computer Components	534	4,000	4,000	4,000	4,500
7213	Motor Vehicle Supplies	-	1,000	1,000	1,000	1,500
7804	Medical Supplies	98,509	103,200	103,200	101,200	101,200
7807	Food	384	1,500	1,500	1,500	1,500
7810	Special Departmental Supplies	29,003	23,168	22,268	20,000	20,000
	TOTAL SUPPLIES	148,563	203,164	199,559	195,500	198,500
	FIXED ASSETS					
8706	All Other Equipment	25,487	-	-	-	-
	TOTAL FIXED ASSETS	25,487	-	-	-	-
	FUND TOTAL	5,353,870	5,515,416	5,261,200	5,882,477	6,461,946

Fire
Household Hazardous Waste

Program Description:

The Household Hazardous Waste Program provides for the proper disposal of hazardous materials that might otherwise end up in landfills or wastewater treatment facilities. The program provides personnel with the proper training and equipment to properly evaluate, accept, document, and recycle household hazardous waste. The Household Hazardous Waste Program exemplifies the City of Redlands' environmentally friendly approach by collecting and recycling hazardous substances and electronic equipment. The San Bernardino County Fire Protection District now oversees and administers the Household Hazardous Waste Program and the maintenance of the facility. This very successful program was used by approximately 3643 participants in 2020.

The San Bernardino County Fire Protection District operates and manages the following programs:

- *E-Waste Recycling:* This program runs in conjunction with the Household Hazardous Waste Program and is operated by the SBCFPD.
- *Household Hazardous Waste Disposal Program:* Redlands was the first city within San Bernardino County to begin offering this service and has been operating for twenty-one years in conjunction with San Bernardino County. Funds collected through this program pay for disposal, training, and operational needs within the department as it relates to hazardous materials (SARA, OSHA, RCRCA, TSCA, DOT, California Health and Safety Code). As of March 2020, the City ceded the program to SBCFPD by way of an amendment to the original contract set to expire June 30, 2022. SBCFPD now operates the Redlands HHW location on behalf of the City.

Program Objectives:

- Continue operation and maintenance of the Household Hazardous Waste Collection site each Saturday, from 9:00 a.m. to 2:00 p.m., for the citizens of Redlands
- Continue the safe collection, categorization, lab packaging, and storage of household hazardous waste collection for proper disposal
- Provide training and equipment to operate an Emergency Hazardous Material Response Team
- Provide all department personnel with State mandated annual refresher training for Hazardous Materials First Responders in compliance with CFR 1910
- Continue to collaborate with San Bernardino County Household Hazardous Waste to provide outreach and public education regarding the proper disposal of hazardous materials used in the home
- Seek State and/or Federal grants to help fund programs
- Continue site inventory control and monitoring
- Coordination of inter-agency waste disposal programs
- Maintain State and County mandated certification and program elements

Significant Program Changes:

The City of Redlands Household Hazardous Waste collection site has been traditionally staffed by on-duty Fire Department personnel supplemented by recently hired part-time waste

technicians. Following recent changes in the partnership with the San Bernardino County Household Hazardous Waste program, staffing will be provided by San Bernardino County HHW. San Bernardino County HHW has also indicated they intend to extend the operating hours of the collection facility.

Accomplishments for Calendar Year 2021:

- Approximately 4,144 countywide residents used the program in 2021 including 3,257 Redlands residents.
- Collection and proper disposal of 253,699 (pounds) of Household Hazardous Waste including used motor oil and oil products.
- Collected 60,964 pounds of electronic waste.
- Collection and disposal of:
    - 50,232 lbs. of Latex Paint
    - 23,340 lbs. of Oil Base Paints
    - 13,446 lbs. of Flammable Liquids/ Solids
    - 2,030 lbs. of Bulked Flammable Liquids
    - 3,805 lbs. of Poison
    - 1,552 lbs. of Corrosive Acids
    - 1,015 lbs. of Corrosive bases
    - 1,776 lbs. of Oxidizers
    - 4,567 lbs. of Aerosols
    - 1,345 lbs. of Home Generated Sharps
    - 6,596 lbs. of Antifreeze
    - 7,104 lbs. of Lead/ Acid batteries
    - 5,581 lbs. of Household Batteries
    - 2,283 lbs. of NiCad batteries
    - 12,939 lbs. of Motor Oil/ Oil products
    - 1,268 lbs. of Oil Filters
    - 25,827 lbs. of Cathode Ray Tubes (CRT)
    - 68,270 lbs. of Electronic Waste
    - 2,283 lbs. of Fluorescent Tubes
    - 1,471 Compressed Gas Cylinders
    - 2,791 lbs. of Cooking Oil
    - 3,044 lbs. of Pharmaceuticals
    - 7,104 lbs. of Waste Exchanged Materials
    - 4,059 lbs. of other hazardous materials

DEPARTMENT/DIVISION

HOUSEHOLD HAZARDOUS WASTE

FUND

HOUSEHOLD HAZARDOUS WASTE FUND

ORGKEY

206250

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5702	Workers' Comp Insurance	2,274	-	1,439	1,439	1,439
	TOTAL SALARIES AND BENEFITS	2,274	-	1,439	1,439	1,439
	SERVICES					
6710	Special Contractual Services	120,279	124,487	124,487	134,000	139,000
6804	General Govt Service Charge	6,080	6,221	6,221	6,755	7,093
	TOTAL SERVICES	126,359	130,708	130,708	140,755	146,093
	SUPPLIES					
7102	Small Tools & Equipment	-	500	500	500	500
	TOTAL SUPPLIES	-	500	500	500	500
	FUND TOTAL	128,633	131,208	132,647	142,694	148,032

A. K. Smiley Public Library

Mission Statement:

The mission of the A.K. Smiley Public Library is to inspire lifelong learning by providing free and open access to information, thereby enhancing the community of Redlands. In his speech at the dedication of the Library in 1894, Library co-founder Alfred Smiley aptly summarized our charge: “The Library is for all the people of Redlands, rich and poor, old and young, to share alike in all of its advantages.” Those "advantages" continue to evolve as libraries adapt to the digital age, ranging from traditional books, periodicals, and programming, to new electronic books and databases.

Departmental Goals:

- Provide free and equitable access to library collections
- Continuing our efforts to restore services affected by the pandemic
- Emphasize the educational mission through programming for life-long learning
- Increase long-range giving to enhance the Library and capital improvements
- Accelerate our cooperation with the Redlands Historical Museum Association pending the opening of the Museum of Redlands
- Securing the necessary staff to administer the museum
- Achieve progress on several Library infrastructure issues

Sustainability Efforts:

- Continue with the digitization of local history records
- Continue efforts to gradually replace bound reference books with digital databases

Performance Measures:

- Daily attendance at the Library, as well as events such as Library Days, Family Day, and the summer reading program and storytimes
- Circulation of Library materials and usage of computers and electronic resources
- References to the Library and our programming/services in local print and social media
- Financial contributions to the Library Endowment Fund

Program Description:

The Library provides diverse services for the citizens of Redlands. The legal organization of the Library is described in the State Education Code: "The Legislature finds and declares that it is in the interest of the people and the State that there be a general diffusion of information and knowledge through the continued operation of free public libraries..." In addition, the State Education Code provides that the "Library shall be managed by a board of library trustees, consisting of five members to be appointed by the City Council."

Program Objectives:

The Library’s objective is to provide current books, periodicals, and audiovisual material for circulation to adults and children, as well as e-books, audiobooks, and reference databases; stimulate and develop reading skills through children, teen, and adult programming; provide reference and information services; provide computer access and free Internet; provide an archives/history room for local and regional history; provide a library/museum to Abraham Lincoln and the Civil War, and provide a museum repository for the history of Redlands.

Significant Program Changes:

- Restoration of our city budget enabled the library to reverse the previous year’s personnel and service cuts. Sunday and two mid-week evening hours were restored.

- The pandemic continued to impact all aspects of the library's operations. The Omicron variant caused in-person services to be suspended from January 15 to January 31. Our first confirmed cases amongst our employees occurred in January and resulted in staffing shortages that month.
- Improving pandemic metrics enabled the library to resume programming in February.

Accomplishments for Fiscal Year 2021-22:

- Fully reopened to the public with enhanced services including curbside services (Books to Go) for those who prefer this alternative and a longer daily maximum use of the public computers.
- Youth Services staged an in-person, outdoor Family Day event in October enjoyed by 300+ patrons who were given 740 books.
- Youth Services revived in-person story times by staging them outdoors in the park in front of the Lincoln Shrine and also resumed in-person teen programs.
- The Special Collections Division unveiled a special exhibit, "Enduring Legacies: The Lincoln Shrine at 90" at the 50th Annual Lincoln Shrine Open House in February.
- The Lincoln Shrine hosted an outdoor Watchorn Lincoln Dinner in front of the Shrine featuring a video about founder Robert Watchorn, projected on the building as well as fireworks.
- Heritage Room celebrated its 50th anniversary with a special exhibit.
- Increased diversity and inclusivity of the collection by using displays, articles, and blog entries to highlight Black history, women's history, and Hispanic heritage.
- Partnered with the California State Library to assist with post-COVID unemployment by adding six new databases designed to help people with basic job skills, computer skills, interviewing, job searching, and learning new skills.
- Cataloged, processed, and added to the collection 5,595 physical items and mended 933 books, audiobooks, DVDs, and CDs.
- Received and unloaded 1,239 individual patron book donations ranging in size from 1 bag to 10 boxes or more per patron.
- Continued to rebuild the Adult Literacy program post-pandemic and to welcome literacy teams who had been meeting remotely through the pandemic back to in-person tutoring at the library.
- Continued to offer remote options for learning to learners, tutors, and families who cannot return to in-person meetings, including 165 in-person or virtual meetings with such as computer classes, writing workshops, Conversation Corner, the CHAT program, and book clubs.
- Developed a new partnership with the YMCA of the East Valley to hold Literacy meetings and events at their building.
- Reestablished in-person computer classes for the general public and adult literacy participants.
- Published the fourth volume of the adult literacy anthology, Our Stories a Collection of Writings.
- Major digitization/collection accessibility projects were continued and our eBooks and digital resources were augmented.
- The Redlands in Film and Lincoln in Film series resumed, featuring public exhibitions of relevant films in the Contemporary Club.
- In-Person celebration of Dia de Los Muertos resumed with a display of altars in the Contemporary Club.
- Tech Services Department improved security and flexibility for library staff by synchronizing users, groups, security settings, and passwords with Microsoft 365 Azure AD through the Azure AD Connect service to Exchange Online.
- Technical Services Department migrated all mailboxes and recourses from our on-premises Exchange server to Microsoft Exchange Online and implemented and managed the backup system used to backup Microsoft 365 and Microsoft Exchange Online.
- The Smiley Heritage Tours committee worked with the Redlands Unified School to make their video cultural tour available to all fourth graders.
- Staff worked closely with the Redlands Historical Museum Association to raise funds for the Museum of Redlands.
- The Library plans to resume its popular Library Days event in May 2022 featuring complimentary In-N-Out burgers and music from Arena Red.

DEPARTMENT/DIVISION
LIBRARY ADMINISTRATION

FUND
GENERAL FUND

ORGKEY
101190

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	1,300,138	1,417,165	1,397,032	1,633,747	1,670,206
5002	Salaries: Part-Time	218,682	247,619	236,702	264,201	277,389
5101	Overtime Salaries	2,461	-	2,461	-	-
5202	Holiday Pay	9,378	-	13,881	-	-
5204	Accrual Payout	14,759	-	2,811	-	-
5301	Banked Leave Buy Back	11,241	28,615	14,633	39,781	40,017
5401	Pension Contributions	374,970	413,473	428,099	424,484	439,388
5501	FICA/Medicare	115,599	128,926	121,725	130,931	133,515
5601	Deferred Compensation	22,522	14,525	31,041	14,355	14,355
5701	Health/Dental Insurance	214,408	221,746	248,066	217,284	228,148
5702	Workers' Comp Insurance	59,116	65,509	65,509	76,076	82,252
5703	Disability Insurance	5,198	5,575	6,270	6,281	6,360
5704	Unemployment Insurance	3,094	15,190	20,188	15,190	15,190
5705	Life Insurance	1,142	1,260	1,313	1,260	1,260
5801	Vehicle Allowance	4,400	4,800	4,800	4,800	4,800
5802	Eyecare Reimbursement	2,284	4,500	4,500	4,500	4,500
5803	Clothing Allowance	3,259	3,300	3,300	3,300	3,300
5804	Uniform Rental	-	1,350	1,350	-	-
5903	Other Taxable Benefits	2,689	17,580	17,580	23,730	23,730
5905	Employee Wellness Program	744	756	756	-	-
	TOTAL SALARIES AND BENEFITS	2,366,084	2,591,889	2,622,017	2,859,920	2,944,410
	SERVICES					
6106	Other Professional Services	-	-	92	97	101
6304	Telephone	1,314	1,200	1,200	1,660	1,743
6403	Training	842	-	-	-	-
6601	Postage	3,938	3,000	3,000	3,400	3,571
6802	Info Tech Service Charges	38,184	25,666	25,666	25,909	25,909
6901	Printing and Binding	1,246	1,300	1,300	1,565	1,643
6906	Office Equip & Furn Rent	4,454	7,750	7,750	8,138	8,544
	TOTAL SERVICES	49,978	38,916	39,008	40,768	41,512
	SUPPLIES					
7002	Office Supplies	5,697	5,700	5,700	6,235	6,547
7102	Small Tools & Equipment	240	250	250	363	381
7208	Repair/Maintenance Supplies	1,848	2,500	2,500	2,925	3,071
7210	Building Supplies	1,086	1,500	1,500	1,675	1,759
7810	Special Departmental Supplies	431	500	500	625	656
	TOTAL SUPPLIES	9,302	10,450	10,450	11,823	12,414
	FIXED ASSETS					
8501	Other Betterments/Improv	-	350,000	350,000	-	-
8503	Building Construction/Improv	-	20,000	20,000	200,613	200,613
	TOTAL FIXED ASSETS	-	370,000	370,000	200,613	200,613
	DIVISION TOTAL	2,425,364	3,011,255	3,041,475	3,113,124	3,198,949

DEPARTMENT/DIVISION
LINCOLN SHRINE

FUND
GENERAL FUND

ORGKEY
101191

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6601	Postage	126	165	165	173	182
	TOTAL SERVICES	126	165	165	173	182
	SUPPLIES					
7811	Books	958	975	975	1,024	1,075
	TOTAL SUPPLIES	958	975	975	1,024	1,075
	DIVISION TOTAL	1,084	1,140	1,140	1,197	1,257
	DEPARTMENT TOTAL	2,426,448	3,012,395	3,042,615	3,114,321	3,200,206

Development Services Department

Mission Statement:

The Development Services Department provides quality service to customers through professionalism, integrity, and the efficient use of resources. The Department responds to the changing needs of the community by promoting and implementing policies, goals, procedures, and actions that address community issues related to the physical environment and to strengthen and diversify the economic base of the City. The Department endeavors to enhance and protect the urban and natural environment of the City of Redlands ensuring that the City remains an ideal place to live and work.

The Development Services Department is responsible for the administration and oversight of the following divisions and functions:

- Building and Safety Division: Building inspections, plan review, and building permit processing
- Community Development Block Grant (CDBG) Program: Capital improvement project and public service agency sub-recipient awards administration
- Economic Development Division: Business attraction and retention, business assistance, workforce development, and tourism promotion
- Engineering: Review and inspection of development proposals for compliance with State and City codes, standards, and other governmental requirements relating to land subdivisions, grading, drainage, and improvements within the City rights-of-way
- Planning Division: Land development application review, general plan, specific plan and development code maintenance and updates, long range planning, and historic preservation

Departmental Goals:

- Provide for the short and long term physical development within the City consistent with the policies and goals established in the General Plan
- Provide professional, accurate, timely, and courteous service to the public
- Provide opportunities that will improve and preserve housing for all income levels
- Provide for managed development that will preserve, enhance, and maintain the special quality of life valued by this community
- Allow for development within the City of Redlands which occurs in a way that promotes the optimum social and economic well-being of the entire community
- Provide a high standard of technical expertise by department staff through regular training and awareness of new legislation, innovative construction techniques, and architectural/planning design techniques
- Provide a continuing review, update and implementation of the City's General Plan, Specific Plans and zoning ordinances in response to the changing needs of the community
- Monitor historic resources of the community and encourage their preservation

Performance Measures:

- All telephone calls received before noon to be returned the same day
- 90% of Plan Checks processed in 3 weeks for first review
- 90% of "LEED" Plan Checks processed in 4 weeks for second review
- 100% of Inspections completed next business day if requested by 4:00 pm of the previous day

Development Services Department
Economic Development Division

Program Description:

The Economic Development Division administers a variety of economic development programs and services that support businesses and residents in the City of Redlands. Division staff is involved in business attraction and retention activities, City/Chamber and regional collaborative efforts, business networking, marketing, workforce development, tourism, and project support.

Program Objectives:

- Implement the City Council Strategic Plan Economic Development initiatives
- Target and recruit new business investments in health, technology, and other key sectors
- Continue business outreach activities
- Establish and administer business retention and attraction programs
- Continue implementing an effective marketing campaign
- Maintain City presence at targeted trade shows
- Facilitate/assist developers with the redevelopment of the Redlands Mall
- Support business growth and expansion efforts and expedite the development process
- Encourage point-of-sale locations in Redlands
- Engage and collaborate, as appropriate, with regional and county economic development partners
- Execute approved initiatives to improve and enhance the downtown area
- Continue collaborative partnerships with the Chamber of Commerce and other business stakeholders
- Engage business stakeholders for potential collaboration on the tech incubator program
- Continue to grow partnerships and develop collaborative programs/projects with community tourism stakeholders
- Continue to enhance resource and business information pages on City's website

Significant Program Changes for Fiscal Year 2022-23:

- Assist local businesses in accessing financial and other resources available that became available during the COVID-19 pandemic
- Increase digital ads on mobile devices, highlighting the City's shopping and downtown activities
- Host regional industrial real estate broker's forum in partnership with San Bernardino County Economic Development Agency and regional industrial brokers association, anticipating over 50 leading industrial brokers and developers to meet and discuss regional industrial efforts and market conditions
- Host in-person small business workshops and seminars with local resource agencies

Significant Program Changes for Fiscal Year 2023-24:

- Assist local businesses in accessing financial and other resources available that became available during the COVID-19 pandemic
- Create ads in local theaters, highlighting the City's shopping and downtown activities
- Increase digital ads on mobile devices, highlighting the City's shopping and downtown activities

- Host regional industrial real estate broker's forum in partnership with San Bernardino County Economic Development Agency and regional industrial brokers association, anticipating over 50 leading industrial brokers and developers to meet and discuss regional industrial efforts and market conditions

Accomplishments for Fiscal Year 2021-22:

- Updated the City's webpage for COVID-19 Financial & Technical Assistance Business Resources as a centralized location information hub for businesses
- Continued to lead efforts of the City for temporary outdoor dining for downtown restaurants on State and Fifths Streets due to COVID-19 indoor seating restrictions
- Increased social media presence by providing the City's PIO with monthly updates for COVID-19 information and assistance offered through virtual workshops or other sources offered by local, state, and federal agencies to the business community
- Main point of contact via phone, email, and in-person to the business community for COVID-19 information and assistance
- Assisted the City Manager's office with the effort to promote an online business survey of how businesses were impacted by COVID-19
- Continued the City's effort with the Redlands Chamber of Commerce to maintain the *Shop It Forward* marketing campaign to encourage people to shop in Redlands often and begin Christmas Shopping early, to help businesses during the coronavirus pandemic
- 26.7% increase in actual point-of-sale compared to the same period one year prior (2019-20)
- 5.3% unemployment rate in 2021, compared to the County-wide average of 7.2% in the same year.
- Industrial vacancy rate finished the year 2021 at 4.5%, compared to a 5-year average of 5.6%, with a total of 28.9 million square feet of industrial building space within the City
- Retail vacancy rate finished the year 2021 at 8.9%, compared to a 5-year average of 7.0%, with a total of 5.5 million square feet of retail space within the City
- Office vacancy rate finished the year 2021 at 3.7%, compared to a 5-year average of 5.6%, with a total of 2.6 \million square feet of office space within the City
- Continued promotion of clean energy financing programs (HERO and PACE) for local businesses and residents
- Supported and responded to 5 California State Go-Biz business site search efforts
- Worked with the County of San Bernardino to support business attraction efforts by responding to site search inquiries
- Promoted Shop Small Saturday campaign, supporting shopping in Redlands the Saturday after Thanksgiving, setting up a self-help Selfie-Station downtown, and giving away over 300 custom printed reusable shopping bags to shoppers. This year the City partnered with the Redlands Chamber of Commerce on the day's activities.

DEPARTMENT/DIVISION
ECONOMIC DEVELOPMENT

FUND
GENERAL FUND

ORGKEY
101161

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	199,893	235,395	237,952	233,877	235,590
5101	Overtime Salaries	-	-	21	-	-
5202	Holiday Pay	1,766	-	1,914	-	-
5203	Bonus	509	-	-	-	-
5204	Accrual Payout	9,672	-	36,969	-	-
5301	Banked Leave Buy Back	3,829	44,625	255	11,386	11,441
5401	Pension Contributions	54,849	68,972	69,620	69,586	71,816
5501	FICA/Medicare	15,275	20,379	19,751	17,785	18,008
5601	Deferred Compensation	5,620	28,776	28,088	5,576	5,576
5701	Health/Dental Insurance	19,364	16,395	19,858	12,956	13,603
5702	Workers' Comp Insurance	5,641	6,304	6,304	13,832	14,955
5703	Disability Insurance	3	79	73	90	94
5704	Unemployment Insurance	182	1,042	1,314	868	868
5705	Life Insurance	97	128	137	126	126
5801	Vehicle Allowance	-	300	300	300	300
5802	Eyecare Reimbursement	225	540	540	450	450
5803	Clothing Allowance	-	60	60	60	60
5903	Other Taxable Benefits	387	5,664	5,664	6,900	6,900
5905	Employee Wellness Program	167	-	124	-	-
	TOTAL SALARIES AND BENEFITS	317,479	428,659	428,944	373,791	379,788
	SERVICES					
6304	Telephone	-	400	400	400	400
6401	Meeting & Prof Development	118	3,805	3,497	4,300	4,511
6402	Travel Expense/Reimbursement	-	4,250	4,250	4,461	4,683
6601	Postage	137	25	25	26	28
6703	Software Support/Development	-	-	-	-	2,000
6710	Special Contractual Services	11,123	22,750	22,750	173,886	50,077
6802	Info Tech Service Charges	10,636	18,518	18,518	59,256	63,746
6901	Printing and Binding	-	3,900	3,900	4,410	4,629
6902	Advertising	2,352	18,450	18,450	19,372	20,337
6909	Subscriptions & Memberships	1,202	4,440	4,440	4,661	4,892
	TOTAL SERVICES	25,568	76,538	76,230	270,772	155,303
	SUPPLIES					
7002	Office Supplies	900	900	900	945	992
7810	Special Departmental Supplies	300	1,500	1,500	1,575	1,654
	TOTAL SUPPLIES	1,200	2,400	2,400	2,520	2,646
	FIXED ASSETS					
8703	Computer Equipment	-	-	-	5,000	-
	TOTAL CAPITAL EXPENDITURES	-	-	-	5,000	-
	DIVISION TOTAL	344,247	507,597	507,574	652,083	537,736

Development Services Department
Building and Safety Division

Program Description:

This program provides for the administration of California codes and City ordinances to safeguard life, health, property, and public welfare by regulating the design, construction, accessibility, quality of materials, flood protection, use, occupancy, location, and maintenance of all building and structures within the community of Redlands. This includes plan review of proposed buildings and structures, on-site inspections to assure compliance, complaint investigation and enforcement, disaster emergency response, maintenance, storage and retrieval of building records, and coordination with other government agencies.

Program Objectives:

- Maintain and promote excellent customer service standards at the One-Stop Permit Center and in the field.
- Perform requested onsite building inspections in a timely and courteous manner.
- Perform final occupancy inspections on building projects, as required, to ensure compliance with conditions of approval and development code standards.
- Perform effective and efficient plan review within acceptable timeframes for compliance with the California Code of Regulations Title 24 parts 1 through 12, Federal Emergency Management Agency (FEMA) regulations, California Senate and Assembly bills, and locally adopted municipal codes.
- Provide staff support to the Development Review Committee, Minor Exception Permit Committee, Historic and Scenic Preservation Commission, Disaster Council, Fire Department, Code Enforcement, Municipal Utilities, and Engineering Department, and local chapters of the International Code Council.
- Review and implement Assembly Bill 717 and Senate Bill 1608, to meet the continuing education and accessibility requirements that apply to the Building Division.
- Continue to upgrade department storage methods of building plans to comply with state laws by digitizing plans.
- Evaluate and investigate existing structures within the City for compliance with various municipal codes and state regulations.
- Prepare for disaster response by training and certification in emergency services.
- Maintain and improve accessibility throughout the City by employing a Certified Access Specialist (CASp).
- Assist the Fire Marshal in completing business license inspections to ensure compliance with City regulations for business use and the safety of the public.
- Update the Municipal Code with the adoption of the 2022 California Building Code updates effective January 1, 2023.

Significant Program Changes for Fiscal Year 2022-23:

- Continue with the digital scanning of all paper records for properties within the City. This will reduce the printing costs of the department, reduce PRA department record response times, and allow public access to records for viewing by using a Laserfiche web link on the City website at all hours of the day.

Significant Program Changes for Fiscal Year 2023-24:

- Implement several new and revised department policies and procedures in response to Inter-Departmental coordination with Design Review through entitlements and permitting.
- Modify inspection cards to provide improved detail for the public and contractors to understand steps in the inspection process and inspections needed to complete a project.

Accomplishments for Fiscal Year 2021-22:

- Issued over 1,260 permits for building, electrical, mechanical, plumbing, or combinations thereof ensuring compliance with current city-adopted building and municipal codes.
- Performed 2,111 plan reviews for construction permit submittals, with a 4-week average delivery to applicants despite a decrease in staffing levels due to COVID-19 budget shortfalls.
- Performed 16,946 construction permit inspections by the next business day after inspection request, improving community/department relations.
- Provided staff support for the improvement of City Works computer permitting software program.
- Provided community-building activity reports to the county, state, and federal levels of government.
- Enforced the 2019 editions of the California Building Standards Codes, resulting in improved citywide construction safety and new homes using an estimated 53% less energy and commercial buildings using an estimated 30% less energy.
- Continued the support and Implementation of the use of signature pads at the permit counter, thereby reducing the amount of paperwork generated, department printing costs, and overall permit issuance time.
- Implemented and enforced the City's Local Agency Management Plan (LAMP) to review plans and field inspect the installation and abandonment of Onsite Waste Water Treatment Systems for properties within the City's jurisdiction.
- Completed National Flood Insurance Program (NFIP) audit on the City's effectiveness, records, and policies regarding the enforcement of FEMA flood zone requirements as identified in Redlands Municipal Code chapter 15.32.

DEPARTMENT/DIVISION
BUILDING & SAFETY

FUND
GENERAL FUND

ORGKEY
101162

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	506,720	676,535	586,486	584,561	599,842
5101	Overtime Salaries	420	1,500	122	1,500	1,500
5202	Holiday Pay	9,516	-	9,988	-	-
5203	Bonus	305	-	-	-	-
5204	Accrual Payout	9,036	-	41,281	-	-
5301	Banked Leave Buy Back	3,355	29,654	4,913	8,501	10,257
5401	Pension Contributions	143,851	191,302	176,907	173,884	182,733
5501	FICA/Medicare	39,736	52,626	63,894	45,481	46,842
5601	Deferred Compensation	3,981	17,107	16,693	1,940	1,940
5701	Health/Dental Insurance	54,241	61,361	66,331	61,994	64,477
5702	Workers' Comp Insurance	17,053	18,913	18,913	21,709	23,472
5703	Disability Insurance	3,289	3,928	4,204	4,863	4,993
5704	Unemployment Insurance	630	3,559	4,270	3,472	3,472
5705	Life Insurance	397	505	496	504	504
5801	Vehicle Allowance	-	180	180	180	180
5802	Eyecare Reimbursement	1,336	1,845	1,845	1,800	1,800
5803	Clothing Allowance	1,350	1,650	1,650	1,950	1,950
5903	Other Taxable Benefits	1,380	14,512	1,443	12,802	12,802
5905	Employee Wellness Program	105	-	74	-	-
	TOTAL SALARIES AND BENEFITS	796,701	1,075,177	999,690	925,142	956,765
	SERVICES					
6106	Other Professional Services	44,523	30,000	116,400	120,000	120,000
6304	Telephone	2,787	3,000	2,138	3,150	3,308
6401	Meeting & Prof Development	2,676	10,000	5,400	8,670	9,104
6402	Travel Expense/Reimbursement	-	2,100	500	2,730	2,867
6601	Postage	2	15	-	20	20
6703	Software Support/Development	-	-	276	600,290	25,305
6705	Filming and Microfilming	40,606	50,894	53,657	5,000	5,000
6802	Info Tech Service Charges	27,688	30,185	30,185	71,107	76,496
6803	City Garage Charges	11,885	12,801	12,801	14,818	17,354
6901	Printing and Binding	3,614	3,049	500	1,500	1,575
6902	Advertising	-	300	-	-	-
6906	Office Equip & Furn Rent	3,727	3,000	2,364	3,150	3,308
6909	Subscriptions & Memberships	1,574	3,300	2,000	3,485	3,662
6911	Bad Debt Expense	-	-	702	-	-
	TOTAL SERVICES	139,082	148,644	226,923	833,920	267,999
	SUPPLIES					
7001	Books & Supplies	676	1,000	185	1,300	1,365
7002	Office Supplies	2,937	3,000	3,000	3,150	3,308
7004	Uniform/Safety Clothing	1,151	-	-	-	-
7101	Office Equipment & Furniture	416	420	243	6,500	6,500
7206	Vehicle Maintenance	152	-	-	-	-
7810	Special Departmental Supplies	1,852	1,800	-	2,100	2,206
	TOTAL SUPPLIES	7,184	6,220	3,428	13,050	13,379

DEPARTMENT/DIVISION
BUILDING & SAFETY

FUND
GENERAL FUND

ORGKEY
101162

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8703	Computer Equipment	-	-	-	25,000	-
8801	Capital Lease	5,936	5,922	5,922	5,922	5,922
	TOTAL FIXED ASSETS	5,936	5,922	5,922	30,922	5,922
	DIVISION TOTAL	948,903	1,235,963	1,235,963	1,803,034	1,244,065

Development Services Department
Land Use Engineering

Program Description:

Land Use Engineering is a division within the Development Services Department. This division, formerly with Municipal Utilities and Engineering Department, is intended to work hand-in-hand with developers and staff in the Planning Division to achieve excellence in the design and construction of development projects in the City.

Program Objectives:

- Manage One-Stop Permit Center for public records and information related to properties and development. The One-Stop Permit Center is designed to guide developers through multi-Departmental requirements, the Redlands Municipal Code, Measure U, and State regulations.
- Review improvement plans, maps, and building permits.
- Process encroachment permits and street closures.
- Issue grading permits, truck route permits, and wide load permits.
- Perform National Pollutant Discharge Elimination System (NPDES) inspections, investigations, and plan reviews.
- Coordination with Planning Division and other City Departments for entitlements, including conditional use permits, Planning Commission Review and Approval, lot line adjustments, and other land use activities.
- Work with Planning Division on initial planning phases needed for the development of the Transit Village plans.
- Coordinate with Facilities and Community Services and outside consultants for annexations into Community Facilities District 2004-1.
- Prepare reports for Street Lighting District No. 1 and Landscape Maintenance District No. 1.
- Assess Development Impact Fees on development and redevelopment projects that are then used by other departments to mitigate the impact of those projects on the infrastructure of the City.
- Customer service regarding city policies and procedures related to land development issues, grading, street improvements, and utility connections.
- Plan reviews include the following types: building, grading, erosion control, water quality management, sewer, water, irrigation, street tree, storm drainage, storm water pollution prevention, street light, hydrology, parcel map, and tract maps.
- Process applications for sewer and water service in the Mentone area as mandated by Measure ”U”.
- Create and maintain an organizational ethos amongst all OSPC staff that customer service is of the utmost importance. Respond to telephone, e-mail, and public counter inquiries for customer assistance at the One-Stop Permit Center.
- Provide engineering-related assistance to other City departments, such as the City Manager, City Attorney, Municipal Utilities & Engineering Department, and Code Enforcement Division.

Significant Program Changes for Fiscal Year 2022-23:

- Participate in the initial implementation of an Electronic Plan Review process across all divisions of the One-Stop Permit Center to create an integrated, and simplified, method for intake, review, and return of all types of development plans submitted to the City for review.
- Assist Planning Division with the Transit Village Specific Plan adoption.

Significant Program Changes for Fiscal Year 2023-24:

- Finalize implementation of the Electronic Plan Review process.
- Begin planning for improved customer service methodologies related to the relocation of City Hall.

Accomplishments for Fiscal Year 2021-22:

- Issued over 1000 encroachment permits for work within the public right-of-way.
- Prepared conditions of approval for all entitlement cases presented to the Planning Commission.
- Performed more than 200 engineering plan reviews.
- Assessed development impact fees over $800K on new development projects.

DEPARTMENT/DIVISION
LAND USE ENGINEERING

FUND
GENERAL FUND

ORGKEY
101163

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time				306,671	309,682
5002	Salaries: Part-Time				13,984	14,683
5301	Banked Leave Buy Back				8,605	8,605
5401	Pension Contributions				77,318	79,167
5501	FICA/Medicare				21,363	21,586
5601	Deferred Compensation				2,932	2,932
5701	Health/Dental Insurance				29,300	30,765
5703	Disability Insurance				1,047	1,047
5704	Unemployment Insurance				1,497	1,497
5705	Life Insurance				167	167
5802	Eyecare Reimbursement				596	596
5803	Clothing Allowance				390	390
5804	Uniform Rental				75	75
5903	Other Taxable Benefits				203	203
	TOTAL SALARIES AND BENEFITS				464,149	471,396
	SERVICES					
6005	License & Permits				90,000	90,000
6401	Meeting & Prof Development				1,500	1,575
6402	Travel Expense/Reimbursement				500	525
6403	Training				10,000	10,500
6703	Software Support/Development				-	8,000
6901	Printing and Binding				150	158
6902	Advertising				6,000	6,300
6906	Office Equip & Furn Rent				1,500	1,575
6909	Subscriptions & Memberships				1,000	830
	TOTAL SERVICES				110,650	119,463
	SUPPLIES					
7001	Books & Supplies				1,000	1,050
7002	Office Supplies				1,000	1,050
7101	Office Equipment & Furniture				6,500	6,825
7810	Special Departmental Supplies				1,000	1,050
	TOTAL SUPPLIES				9,500	9,975
	FIXED ASSETS					
8703	Computer Equipment				25,000	-
	TOTAL FIXED ASSETS				25,000	-
	DIVISION TOTAL				609,299	600,833

Please note: *This is a new division within the Development Services Department. This change is reflected in Fiscal Year 2022-23 and forward.*

Development Services Department
Planning Division

Program Description:

The Planning Division plays a critical role in achieving the City's goals and objectives relative to the physical development of the community. This program performs current and advanced planning functions which include: processing land development applications; responding to land use inquiries from residents, business owners, and development professionals; maintenance and updates of the General Plan, the Housing Element, various Specific Plans, and zoning code; project management on special projects; administering contracts with consultants hired to perform environmental and planning services; annexation requests; and providing technical and professional support to the City Council, Planning Commission, Historic & Scenic Preservation Commission, Preliminary/Development Review Committee, and Minor Exception Permit Committee.

Program Objectives:

- Respond to telephone, e-mail, and public counter inquiries for customer assistance at the One-Stop Permit Center and the Planning Division office.
- Accept, process, and prepare staff reports for land use applications and permits as necessary to satisfy legally-required procedures to enable a formal decision.
- Provide staff support to the Planning Commission and the Historic & Scenic Preservation Commission, in the form of agendas, legal advertising and notices, staff reports, presentations, and recording meeting minutes.
- Provide staff support to the Minor Exception Committee, in the form of agendas, legal advertising and notices, and project reviews.
- Provide staff support to the Preliminary/Development Review Committee, in the form of agendas and project reviews.
- Process City-initiated General Plan amendments, Zoning Map and Zoning Code amendments, and Specific Plan amendments as directed by the City Council.
- Prepare and submit an annual Housing Element Progress Report and General Plan Progress Report as mandated by the State of California.
- Maintain and expand the Historic Preservation Program, including issuing permits, maintaining restoration/rehabilitation agreements (Mills Act Contracts) with private property owners, and adopting updated Historic Architectural Design Guidelines.
- Process annexations as required for surrounding unincorporated areas to accommodate proposed and pending development.
- Review final grading, building, and landscaping plans before issuance of building permits to ensure compliance with code requirements and any applicable conditions of approval.
- Perform final occupancy inspections on building projects as required to ensure compliance with conditions of approval and municipal code standards.
- Provide Planning-related assistance to other City departments, such as the City Manager, City Attorney, Municipal Utilities & Engineering Department, and Code Enforcement Division.
- Continue to evaluate Planning procedures for efficiency and effectiveness, and implement improvements or changes to department procedures and zoning code regulations.
- Seek and apply for State or regional grant funding in support of Planning work programs and activities.

- Coordinate Planning activities with other agencies, such as the County of San Bernardino, the San Bernardino County Transportation Authority (SBCTA), Southern California Association of Governments (SCAG), Caltrans, and Omnitrans.

Significant Program Changes for Fiscal Year 2022-2023:

- Implement the new 2022-2029 Housing Element Update, and begin implementing related policies and programs.
- Adopt the Transit Villages Specific Plan and related Environmental Impact Report, and receive full reimbursement from two State planning grants.
- Complete work on the Zone Map Update for consistency with the 2022-2029 Housing Element Update and the 2035 General Plan.
- Complete work on Zoning Code (RMC Title 18) amendments related to the 2022-2029 Housing Element Update and the 2035 General Plan.

Accomplishments for Fiscal Year 21-22:

- Approximately 75 development applications accepted and processed.
- Approximately 100 staff reports written for the City Council, Planning Commission, and Historic & Scenic Preservation Commission.
- Preparation and noticing responsibilities for approximately 54 meeting agendas consisting of 16 Planning Commission agendas, 12 Historic & Scenic Preservation Commission agendas, 20 Development Review Committee agendas, and 6 Minor Exception Permit Committee agendas.
- Approval of a new residential Bergamot Specific Plan (SP No. 64) with a total of 317 new single-family homes on the northwest side of Citrus Valley High School (including 197 traditional single-family residences and 120 motorcourt residences) and a new 12-acre fully-improved sports park to be dedicated to the City for public use.
- Developer began construction of the Heritage Specific Plan (SP No. 62) with 207 new single-family homes on the south side of Citrus Valley High School.
- Developer began construction of a new apartment complex with a total of 328 dwelling units.
- Several applications are currently under review for new subdivisions throughout the city.
- Construction and opening of a new Home2 Suites by Hilton with 88 rooms at 1342 Industrial Park Avenue.
- Entitlement approval for a new Tru Hotel by Hilton with 90 rooms at West Colton Avenue/Columbia Street.
- Several applications approved for new retail, restaurant, commercial, office, and industrial developments throughout the city.
- Several applications are currently under review for new retail, commercial, and industrial developments throughout the city.
- Construction and opening of the Downtown Parking Garage at West Stuart Avenue/Third Street adjacent to the historic Santa Fe Depot and new rail platforms at the Downtown train station.
- Applied for a State grant of $5 million from Caltrans (Clean California Grant Program) to implement selected public improvements identified in the City's Sustainable Mobility Plan and draft Transit Villages Specific Plan for the North Redlands neighborhood (to the north of I-10 and east of I-210) including pedestrian and bicycle network improvements, bus stop improvements and shelters, safety lighting and artwork for six Interstate-10 underpasses in the downtown area, and landscape and streetscape improvements along the Colton Avenue and North Orange Street corridors.
- Provided administrative oversight, including contract administration, for Surface Mining and Reclamation Act (SMARA) compliance for six quarries and two reclamation plants operated

by CEMEX Materials and Robertson's Ready Mix in the Santa Ana River Wash.

- Participated in inter-agency coordination for regional Planning efforts, including the San Bernardino County Regional GHG Reduction Plan prepared by the San Bernardino Council of Governments (SBCOG) and continuing work on the countywide Vehicle Miles Travelled (VMT) study and mitigation measures prepared by SBCTA.

DEPARTMENT/DIVISION
PLANNING

FUND
GENERAL FUND

ORGKEY
101164

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	800,298	834,949	846,905	970,673	988,218
5002	Salaries: Part-Time	1,941	15,000	6,393	15,000	15,750
5101	Overtime Salaries	328	1,000	1,000	1,050	1,103
5202	Holiday Pay	9,468	-	8,225	-	-
5203	Bonus	1,221	-	-	-	-
5204	Accrual Payout	24,539	-	43,711	-	-
5301	Banked Leave Buy Back	4,801	69,867	11,618	32,731	40,036
5401	Pension Contributions	225,868	244,342	239,081	283,360	295,435
5501	FICA/Medicare	60,682	68,059	61,778	74,037	76,172
5601	Deferred Compensation	10,419	33,783	33,095	14,080	14,198
5701	Health/Dental Insurance	70,955	62,004	73,279	80,658	82,842
5702	Workers' Comp Insurance	26,174	29,054	29,054	28,784	31,121
5703	Disability Insurance	1,310	1,550	1,240	1,789	1,857
5704	Unemployment Insurance	362	4,080	4,234	4,340	4,340
5705	Life Insurance	482	506	492	567	567
5801	Vehicle Allowance	-	720	720	720	720
5802	Eyecare Reimbursement	744	1,890	1,890	2,025	2,025
5803	Clothing Allowance	600	690	690	690	690
5903	Other Taxable Benefits	1,410	16,503	16,503	15,387	15,387
5904	Tuition Reimbursement	-	-	3,550	-	-
5905	Employee Wellness Program	440	-	298	-	-
	TOTAL SALARIES AND BENEFITS	1,242,042	1,383,997	1,383,756	1,525,891	1,570,461
	SERVICES					
6005	License & Permits	(287)	800	-	-	-
6106	Other Professional Services	4,539	292,632	200,000	318,000	339,800
6107	Reimb Professional Services	342,541	-	105,517	-	-
6304	Telephone	1,574	1,800	811	1,890	1,985
6401	Meeting & Prof Development	1,957	6,635	9,665	10,150	10,660
6402	Travel Expense/Reimbursement	135	3,570	4,310	4,286	4,719
6601	Postage	1,851	3,000	1,323	3,000	3,000
6703	Software Support/Development	-	480	158	167	25,176
6705	Filming and Microfilming	2,499	11,501	11,501	12,076	12,680
6710	Special Contractual Services	-	7,000	-	-	-
6802	Info Tech Service Charges	41,511	43,333	43,333	106,661	114,744
6803	City Garage Charges	665	705	705	674	789
6901	Printing and Binding	2,824	5,000	1,000	1,050	1,103
6902	Advertising	10,454	10,000	10,000	10,500	11,025
6906	Office Equip & Furn Rent	2,655	3,000	3,000	3,150	3,308
6909	Subscriptions & Memberships	4,364	5,113	5,113	5,370	5,643
	TOTAL SERVICES	417,282	394,569	396,436	476,974	534,631

DEPARTMENT/DIVISION
PLANNING

FUND
GENERAL FUND

ORGKEY
101164

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7001	Books & Supplies	735	1,000	1,000	1,050	1,103
7002	Office Supplies	4,401	5,000	3,103	3,259	3,422
7101	Office Equipment & Furniture	983	1,000	1,000	1,050	1,103
7203	Office Equipment Maintenance	380	380	380	399	419
7211	Computer Components	1,200	1,500	1,500	1,575	1,654
7807	Food	-	200	470	500	500
7810	Special Departmental Supplies	471	500	500	500	500
	TOTAL SUPPLIES	8,170	9,580	7,953	8,333	8,701
	FIXED ASSETS					
8703	Computer Equipment	-	-	-	30,000	-
8801	Capital Lease	5,212	5,200	5,200	5,200	5,200
	TOTAL FIXED ASSETS	5,212	5,200	5,200	35,200	5,200
	DIVISION TOTAL	1,672,706	1,793,346	1,793,345	2,046,398	2,118,992
	DEPARTMENT TOTAL	2,965,856	3,536,906	3,536,882	5,110,814	4,501,626

Development Services Department
Grants Program

Program Description:

The Grants Program within the Development Services Department consists of the administration of the City's Community Development Block Grant (CDBG) program as well as researching, applying, securing, and administering other counties, state, or federal grant opportunities that benefit planning and community development needs.

As a Participating Jurisdiction (PJ) in the County of San Bernardino's Urban County Program, the City receives an annual award from the U.S. Department of Housing and Urban Development (HUD). The County of San Bernardino administers the award on behalf of the City and retains 20% of the annual award for administrative expenses.

CDBG and CDBG-CV Program Objectives:

- Development of a viable urban community by providing decent housing, a suitable living environment, and expanded economic opportunity for City residents, particularly those earning low and moderate incomes.
- Aid in the prevention or elimination of slums or blight.
- Aid in activities designed to meet other community development needs having a particular urgency because existing conditions pose a serious and immediate threat to the health or welfare of the community where other financial resources are not available to meet such needs.
- Prevent, prepare for and respond to the coronavirus pandemic.

Other Grants Program Objectives:

- To secure funding opportunities that encourage and support advanced planning activities that help plan for future growth and development.

Significant Program Changes for Fiscal Year 2022-23:

- Fund the next phase of the Joslyn Senior Center Rehabilitation Project with CDBG funds.
- Fund the Redlands Community & Senior Center ADA Improvements Project with CDBG funds.
- Implement five new public service programs that benefit low- to moderate-income residents with CDBG funds.

Significant Program Changes for Fiscal Year 2023-24:

- Identify and fund new rehabilitation projects with CDBG funds that benefit low to moderate-income residents with CDBG funds.
- Implement new public service programs that benefit low to moderate-income residents with CDBG funds.

Accomplishments for Fiscal Year 2021-22:

- Completed the FY 2018-19 Civic Center ADA Improvement Project.
- Completed the FY 2019-20 Alley/Street Improvement Project.

- Completed the Senior Meals Preparation, Senior Meals Pick-up, and Eviction Prevention Programs which helped with mitigating negative impacts from the coronavirus pandemic using CDBG-CV1 funds.
- Provided contract administration for the Joslyn Senior Center Rehabilitation Project.
- Provided contract administration for the Senior Outdoor Dining CDBG-CV3-funded project to help prevent, prepare for, and respond to the coronavirus pandemic.
- Provided contract administration for the Sylvan Park Restroom Rehabilitation Project.
- Provided contract administration to five CDBG-funded public services programs that benefited low to moderate-income residents.
- Provided contract administration for the state-funded Local Early Action Program (LEAP) $300,000 grant that is funding the update to the City's Housing Element.
- Provided contract administration for the state-funded Planning Grants Program (PGP-SB2) $310,000 grant that is funding the environmental analysis for the Transit Villages Specific Plan project.

DEPARTMENT/DIVISION
PLANNING GRANTS

FUND
GOVERNMENTAL GRANT FUND

ORGKEY
200164

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	20,110	41,720	44,960	-	-
5002	Salaries: Part-Time	431	38,000	37,909	-	-
5401	Pension Contributions	5,563	11,477	12,046	-	-
5501	FICA/Medicare	1,549	3,210	3,459	-	-
5701	Health/Dental Insurance	3,537	7,434	7,669	-	-
5702	Workers' Comp Insurance	227	49	49	-	-
5703	Disability Insurance	165	269	269	-	-
5704	Unemployment Insurance	492	169	197	-	-
5705	Life Insurance	22	30	32	-	-
	TOTAL SALARIES AND BENEFITS	32,096	102,358	106,589	-	-
	SERVICES					
6005	License & Permits	3,008	8,179	8,712	-	-
6101	Architect & Engineer	23,600	46,607	51,900	-	-
6106	Other Professional Services	173,523	407,794	407,794	-	-
6710	Special Contractual Services	283,401	79,000	68,800	-	-
6901	Printing and Binding	-	400	400	-	-
6902	Advertising	650	1,350	1,362	-	-
	TOTAL SERVICES	484,182	543,330	538,967	-	-
	SUPPLIES					
7210	Building Supplies	-	(2,400)	-	-	-
7302	LCNG	-	1,000	1,000	-	-
7810	Special Departmental Supplies	6,372	425	425	-	-
	TOTAL SUPPLIES	6,372	(975)	1,425	-	-
	FIXED ASSETS					
8403	Street Construction	394,028	-	-	-	-
8501	Other Betterments/Improv	-	132,475	227,000	-	-
8503	Building Const/Improv	-	692,357	707,584	-	-
8706	All Other Equipment	10,203	-	-	-	-
	TOTAL FIXED ASSETS	404,231	824,832	934,584	-	-
	DEPARTMENT TOTAL	926,881	1,469,545	1,581,567	-	-

Facilities and Community Services

Mission Statement

The mission of the Facilities and Community Services Department is to promote and develop policies and practices that minimize impacts to the environment, improve the response experience to reports and service requests, provide quality service to City residents, businesses and visitors, and improve the quality of life for present and future generations.

Department Description:

The Facilities and Community Services Department is comprised of the following divisions and functions:

- Administration (support to residents, businesses, and visitors of the City for requests for service and information, administration of programs to enhance sustainability within the City, including open space, energy savings, and general green initiatives)
- Animal Services
- Building Maintenance Division (City facilities maintenance)
- Citrus Groves & Preservation Division
- Code Enforcement Division (state and local laws/code compliance)
- Downtown Division (management of the City's Certified Farmers Markets, and other events in the downtown area, tourism promotion, and community service to the Downtown business community)
- Equipment Maintenance Division (City fleet maintenance, natural gas fuel station, Corporate Yard maintenance)
- Hillside Memorial Park (management and operation of the City-owned cemetery)
- Homeless Resource Coordination
- Parks Division (park maintenance, Landscape Maintenance Districts, and Community Facility Districts)
- Recreation & Senior Services Divisions (management of the Community and Senior Centers, and their associated programs)
- Redlands Municipal Airport (management and operation of the City-owned airport)
- Street Tree Division (In-house tree trimming crew, emergency tree trimming)
- Solid Waste Division (collection of residential and commercial green waste, refuse, and recyclables, operates the California Street Landfill, and development and implementation of the City's recycling programs)

DEPARTMENT/DIVISION

FACILITIES AND COMMUNITY SERVICES ADMINISTRATION

FUND

GENERAL FUND

ORGKEY

101300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	101,542	127,978	140,487	255,588	255,966
5002	Salaries: Part-Time	60	-	-	-	-
5101	Overtime Salaries	861	-	1,500	1,000	1,000
5202	Holiday Pay	1,226	-	1,691	-	-
5203	Bonus	104	-	-	-	-
5204	Accrual Payout	1,183	-	890	-	-
5301	Banked Leave Buy Back	1,625	3,151	1,635	5,845	7,636
5401	Pension Contributions	28,685	37,402	37,450	75,512	77,919
5501	FICA/Medicare	8,278	10,147	10,003	19,780	20,068
5601	Deferred Compensation	679	774	773	2,791	2,798
5701	Health/Dental Insurance	13,449	12,921	16,706	31,621	32,555
5702	Workers' Comp Insurance	17,159	26,313	26,313	13,225	14,299
5703	Disability Insurance	561	658	711	665	669
5704	Unemployment Insurance	153	786	819	1,437	1,437
5705	Life Insurance	99	114	118	209	209
5801	Vehicle Allowance	36	-	18	-	-
5802	Eyecare Reimbursement	600	407	20	745	745
5803	Clothing Allowance	258	348	303	324	324
5903	Other Taxable Benefits	407	3,470	3,470	3,838	3,838
5904	Tuition Reimbursement	-	-	4,500	-	-
	TOTAL SALARIES AND BENEFITS	176,965	224,469	247,407	412,580	419,463
	SERVICES					
6007	Penalties and Interest	-	-	1	-	-
6106	Other Professional Services	6,268	6,500	27,500	22,600	8,000
6304	Telephone	6,627	6,000	6,000	6,300	6,615
6401	Meeting & Prof Development	412	250	730	800	900
6402	Travel Expense/Reimbursement	97	250	1,162	1,220	1,300
6403	Training	458	-	-	-	-
6601	Postage	893	1,800	1,692	1,777	1,865
6703	Software Support/Development	160	400	65	400	420
6708	Special Program Expenditures	-	-	31,384	-	-
6710	Special Contractual Services	30,788	15,046	2,693	30,000	30,000
6802	Info Tech Service Charges	5,620	32,407	32,407	110,554	113,247
6803	City Garage Charges	5,712	2,225	2,225	674	789
6901	Printing and Binding	1,795	1,900	1,110	1,160	1,220
6902	Advertising	743	-	-	-	-
6906	Office Equip & Furn Rent	5,063	6,000	3,880	4,074	4,278
6909	Subscriptions & Memberships	3,961	2,000	1,990	2,090	2,200
	TOTAL SERVICES	68,597	74,778	112,839	181,649	170,834

DEPARTMENT/DIVISION

FACILITIES AND COMMUNITY SERVICES ADMINISTRATION

FUND

GENERAL FUND

ORGKEY

101300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	4,516	8,000	4,696	6,000	6,300
7004	Uniform/Safety Clothing	-	400	400	400	400
7101	Office Equipment & Furniture	-	1,500	2,500	1,500	1,500
7206	Vehicle Maintenance	832	500	832	874	917
7211	Computer Components	703	500	-	-	-
7807	Food	34	-	-	-	-
7810	Special Departmental Supplies	32,811	1,800	747	1,000	1,050
7901	Non-Capital Expenditures	-	1,000,000	1,000,000	700,000	700,000
	TOTAL SUPPLIES	38,896	1,012,700	1,009,175	709,774	710,167
	FIXED ASSETS					
8502	Building Acquisitions	-	14,000,000	13,975,000	-	-
8801	Capital Lease	11,872	14,370	14,370	14,370	14,370
	TOTAL FIXED ASSETS	11,872	14,014,370	13,989,370	14,370	14,370
	DIVISION TOTAL	296,330	15,326,317	15,358,791	1,318,373	1,314,834

Facilities and Community Services
Building Maintenance Division

Program Description:

The Building Maintenance Division performs both routine maintenance and emergency service for all City-owned facilities. The Building Maintenance crew consists of three full-time and one part-time position.

This crew provides maintenance services to all City facilities totaling approximately 385,000 square feet and includes the Civic Center, three parking structures, A.K. Smiley Library, Lincoln Shrine, Contemporary Club, four Fire stations, Police Annex, Joslyn Senior Center, Community/Senior Center, facilities at the Corporate Yard, Redlands Airport and Hillside Memorial Park. New facilities include 300 E State Street and 1625 W Redlands Blvd totaling 198,139 sq. ft. of additional space.

This Division is utilized for a wide range of building maintenance functions including carpentry, plumbing, electrical, HVAC, painting, furniture assembly and relocation, general cleaning services, and special projects including office construction, remodeling, umbrella installations, janitorial issues, environmental testing and downtown Holiday decorating.

City staff prepares scope of services, solicits bids, and administers contracts for various vendors to provide ongoing and/or specialized maintenance services. Among the contracted services are janitorial, pest control, HVAC maintenance, elevator servicing, and security alarm systems.

Program Objectives:

- Provide quality service when responding to calls from various departments regarding maintenance and repair of City-owned facilities
- Reduce response time for maintenance/service calls
- Work synergistically with other divisions for various department and city-wide projects

Accomplishments for Fiscal Year 2022-2023:

- Received 250 work orders and completed 225 of them
- Replaced flooring at the Community Center
- Remodeled offices at Human Resources
- Remodeled office space at the Corporate Yard
- Remodeled office space for IT department
- Remodeled offices in FCS
- Roof rehabilitation at the Redlands bowl
- Remodeled offices in Revenue
- Roofing repairs at Library and Lincoln shrine
- Installed New dog kennels at Animal Shelter

DEPARTMENT/DIVISION
BUILDING MAINTENANCE

FUND
GENERAL FUND

ORGKEY
101301

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	112,401	129,969	119,014	258,156	265,759
5101	Overtime Salaries	12,822	5,000	25,000	26,250	27,563
5202	Holiday Pay	1,647	-	5,716	-	-
5204	Accrual Payout	161	-	123	-	-
5301	Banked Leave Buy Back	1,874	2,056	1,774	3,107	3,107
5401	Pension Contributions	31,254	38,126	36,374	49,089	51,039
5501	FICA/Medicare	9,738	10,232	12,438	13,347	13,543
5601	Deferred Compensation	181	181	138	473	473
5701	Health/Dental Insurance	18,220	20,588	17,484	12,530	13,157
5702	Workers' Comp Insurance	79,018	91,549	91,549	18,645	20,159
5703	Disability Insurance	1,129	1,141	1,601	1,282	1,310
5704	Unemployment Insurance	214	959	889	1,107	1,107
5705	Life Insurance	119	139	140	161	161
5802	Eyecare Reimbursement	225	497	497	574	574
5803	Clothing Allowance	300	600	600	600	600
5804	Uniform Rental	2,845	2,980	2,980	250	250
5903	Other Taxable Benefits	845	1,902	1,902	6,743	6,743
	TOTAL SALARIES AND BENEFITS	272,993	305,919	318,219	392,314	405,545
	SERVICES					
6007	Penalties and Interest	405	-	34	-	-
6301	Water, Sewer, Disposal	26,884	30,000	41,554	43,632	45,813
6304	Telephone	16,469	15,000	15,000	15,750	16,537
6307	Electricity & Gas	666,134	605,000	811,805	852,395	895,015
6309	Heating/AC Service Contract	116,614	69,041	69,041	85,000	90,000
6401	Meeting & Prof Development	2	-	-	-	-
6403	Training	77	1,500	1,500	1,575	1,654
6710	Special Contractual Services	124,521	173,874	165,240	177,618	185,306
6712	Landfill Tipping Charges	1,354	-	358	1,000	1,050
6802	Info Tech Service Charges	38,094	27,778	27,778	65,554	68,247
6803	City Garage Charges	12,571	17,410	17,410	13,471	15,776
6901	Printing and Binding	50	-	-	-	-
6902	Advertising	568	2,000	2,000	2,000	2,000
6903	Janitorial Services	153,395	272,750	200,000	266,240	279,552
	TOTAL SERVICES	1,157,138	1,214,353	1,351,720	1,524,235	1,600,950
	SUPPLIES					
7002	Office Supplies	1,981	1,000	1,000	1,050	1,103
7004	Uniform/Safety Clothing	2,825	500	3,710	5,194	5,453
7101	Office Equipment & Furniture	1,020	-	1,065	1,500	1,575
7102	Small Tools & Equipment	1,621	1,645	1,500	4,000	1,654

DEPARTMENT/DIVISION
BUILDING MAINTENANCE

FUND
GENERAL FUND

ORGKEY
101301

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7204	Building/Grounds Maintenance	50,464	52,130	52,130	62,556	65,683
7205	Machinery & Equip. Maint.	14,437	11,640	11,640	12,222	12,833
7206	Vehicle Maintenance	381	381	381	400	420
7208	Repair/Maintenance Supplies	59,530	34,727	34,727	36,727	38,287
7209	Janitorial Supplies	3,003	8,000	8,000	30,000	33,000
7210	Building Supplies	13,594	22,000	22,000	26,400	24,255
7211	Computer Components	4,584	1,000	1,000	3,050	1,103
7807	Food	39	-	-	-	-
7810	Special Departmental Supplies	5,868	5,000	60,000	6,062	6,365
7901	Non-Capital Expenditures	33,500	81,698	150,000	100,000	105,000
	TOTAL SUPPLIES	192,847	219,721	347,153	289,161	296,731
	FIXED ASSETS					
8501	Other Betterments/Improv	-	955,202	485,000	250,000	-
8801	Capital Lease	6,069	33,874	33,874	43,926	43,926
	TOTAL FIXED ASSETS	6,069	989,076	518,874	293,926	43,926
	DIVISION TOTAL	1,629,047	2,729,069	2,535,966	2,499,636	2,347,152

DEPARTMENT/DIVISION
ELECTRICAL

FUND
GENERAL FUND

ORGKEY
101302

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	94,086	114,338	72,213		
5101	Overtime Salaries	-	4,000	1,000		
5202	Holiday Pay	2,220	-	2,465		
5204	Accrual Payout	27,609	-	6,229		
5301	Banked Leave Buy Back	4,084	36	24		
5401	Pension Contributions	27,188	33,341	21,718		
5501	FICA/Medicare	10,137	8,815	6,649		
5601	Deferred Compensation	9	9	9		
5701	Health/Dental Insurance	15,857	21,078	9,719		
5702	Workers' Comp Insurance	4,341	4,394	4,394		
5703	Disability Insurance	1,333	1,138	939		
5704	Unemployment Insurance	195	872	438		
5705	Life Insurance	112	127	92		
5802	Eyecare Reimbursement	450	452	452		
5803	Clothing Allowance	450	600	600		
5804	Uniform Rental	58	1,560	1,560		
5903	Other Taxable Benefits	2	252	252		
	TOTAL SALARIES AND BENEFITS	188,131	191,012	128,753		
	SERVICES					
6008	State Mandated Fees	2,959	-	-		
6304	Telephone	2,156	2,400	2,400		
6307	Electricity & Gas	795	650	650		
6311	Elec Service-CA Traffic Sgl	20,794	15,000	15,000		
6312	Elec Service-City Traffic Sgl	44,131	42,000	42,000		
6314	Elec Service-SCE Street Light	366	10,000	10,000		
6315	Electric Service-Street Light	484,977	370,000	370,000		
6316	Elec Service-State Str Light	41,456	23,000	23,000		
6401	Meeting & Prof Development	2	1,000	1,000		
6402	Travel Expense/Reimbursement	-	200	200		
6710	Special Contractual Services	50,860	237,000	200,000		
6802	Info Tech Service Charges	21,153	18,518	18,518		
6803	City Garage Charges	12,314	13,578	13,578		
6904	Land and Building Rent	7,644	9,173	9,173		
6908	Other Rentals	-	1,000	1,000		
	TOTAL SERVICES	689,607	743,519	706,519		
	SUPPLIES					
7002	Office Supplies	324	400	400		
7004	Uniform/Safety Clothing	414	600	600		
7102	Small Tools & Equipment	869	2,000	2,000		
7205	Machinery & Equip. Maint.	8,813	13,000	13,000		
7208	Repair/Maintenance Supplies	103,856	135,257	135,257		
7209	Janitorial Supplies	10	50	50		
7210	Building Supplies	15	500	500		
7211	Computer Components	705	1,000	1,000		
7804	Medical Supplies	-	100	100		

DEPARTMENT/DIVISION
ELECTRICAL

FUND
GENERAL FUND

ORGKEY
101302

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7810	Special Departmental Supplies	561	7,500	7,500		
7901	Non-Capital Expenditures	180,225	1,400,914	1,400,914		
	TOTAL SUPPLIES	295,792	1,561,321	1,561,321		
	FIXED ASSETS					
8706	All Other Equipment	15,020	163,000	163,000		
8801	Capital Lease	-	23,500	-		
	TOTAL FIXED ASSETS	15,020	186,500	163,000		
	DEBT SERVICE					
9001	Principal	15,686	17,007	17,007		
9101	Interest	7,814	6,494	6,494		
	TOTAL DEBT SERVICE	23,500	23,501	23,500		
	DIVISION TOTAL	1,212,050	2,705,853	2,583,093		

Please note: *This division was transferred to Municipal Utilities and Engineering Department, orgkey 101402. This change is reflected in Fiscal Year 2022-23 and forward.*

Facilities and Community Services
Parks Division

Program Description:

The Parks Division is responsible for the maintenance and upkeep of approximately 800 acres consisting of 18 established parks, over 60 water well and reservoir sites, parking lots, 14.5 acres of median strips and traffic islands throughout the City, the downtown area, and the improved I-10 Gateway. The division is comprised of 17 full-time employees who provide maintenance to the City's park and open space system seven days per week. This division also supplements several community facility districts and landscape maintenance districts within the City. City parks and medians are also home to over 6,530 trees, which are included within the tree care program and monitored by Parks staff. All members of the Parks Division staff are trained to assist the Tree Division with routine tree removals, trimming, and emergency tree care when needed. These actions are not only performed on trees within the parks system, but also to the approximately 43,500 trees within City easement as well as trees located on various City facilities and parcels. Parks Division staff also helps facilitate special events along with maintaining all of the downtown areas within the City's purview. The division also assists in the cleanup of homeless encampments, illegal dumps and graffiti abatement throughout the city.

Program Objectives:

- Provide clean, safe, and attractive open space and parkland areas
- Maintain irrigation systems and facility plumbing systems in all areas of responsibility
- Maintain playgrounds and other facilities in a safe, clean manner
- Maintain historic downtown Redlands
- Maintain City medians
- Support the tree crew with any tree related emergency mitigation within the City parks system
- Support the tree crew with any tree related emergency mitigation within the City's easement areas throughout the City
- Support the tree crew with the weekly palm frond abatement throughout the City, when needed
- Oversee, coordinate, and assist with various park volunteer efforts and other programs
- Support the annual Day of Service volunteer event
- Work cooperatively with various sports groups and special interest organizations
- Work cooperatively with fellow divisions and department with various projects and emergency work

Accomplishments for Fiscal Year 2022-23:

- The City recentyly completed the replenishment of playground mulch to all city playgrounds. This consisted of approximately 1,745 cubic yards of IPEMA certified playground mulch being blown in to each individual playground to comply with safety standards as they relate to fall height and impact absorption.
- Completion of decorative metal wrought iron retro fit of the Sylvan Park Gazebo to accomplish a fully lockable structure while maintaining a pleasing aesthetic.

DEPARTMENT/DIVISION
PARKS

FUND
GENERAL FUND

ORGKEY
101303

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	479,810	612,250	517,939	830,062	857,550
5002	Salaries: Part-Time	4,758	-	5,473	-	-
5101	Overtime Salaries	30,072	30,000	50,200	70,000	73,500
5201	Stand By	1,310	2,200	3,874	-	-
5202	Holiday Pay	8,760	-	10,354	-	-
5204	Accrual Payout	3,529	-	359	-	-
5301	Banked Leave Buy Back	5,039	8,200	5,019	6,901	8,001
5401	Pension Contributions	124,931	178,532	153,740	181,182	189,816
5501	FICA/Medicare	40,167	48,221	43,052	47,966	49,132
5601	Deferred Compensation	757	757	757	757	757
5701	Health/Dental Insurance	119,309	153,468	142,408	150,813	157,737
5702	Workers' Comp Insurance	30,305	35,084	35,084	52,810	57,098
5703	Disability Insurance	4,582	5,493	5,173	6,008	6,175
5704	Unemployment Insurance	1,212	5,633	7,629	5,590	5,590
5705	Life Insurance	648	818	713	811	811
5802	Eyecare Reimbursement	1,241	2,921	2,921	2,898	2,898
5803	Clothing Allowance	3,282	3,630	3,630	3,600	3,600
5804	Uniform Rental	9,429	12,000	12,000	12,600	13,230
5903	Other Taxable Benefits	152	6,265	6,265	6,252	6,252
	TOTAL SALARIES AND BENEFITS	869,293	1,105,472	1,006,590	1,378,250	1,432,147
	SERVICES					
6005	License & Permits	-	-	4,060	4,300	4,500
6007	Penalties and Interest	30	-	-	-	-
6105	Medical/Physicals	-	1,000	-	-	-
6106	Other Professional Services	13,398	-	-	-	-
6301	Water, Sewer, Disposal	50,608	45,000	63,196	66,500	70,000
6304	Telephone	7,330	8,000	5,285	5,600	5,900
6307	Electricity & Gas	55,172	52,000	70,000	73,500	77,175
6308	Elec Service-Facility Ops	5	-	-	-	-
6401	Meeting & Prof Development	-	500	-	500	525
6402	Travel Expense/Reimbursement	730	7,000	335	2,000	2,100
6403	Training	-	100	235	5,000	5,250
6710	Special Contractual Services	154,314	413,585	473,300	971,500	928,000
6712	Landfill Tipping Charges	9,901	13,124	32,200	34,000	36,000
6802	Info Tech Service Charges	66,904	57,855	57,855	164,066	175,741
6803	City Garage Charges	141,770	125,770	125,770	117,868	138,043
6902	Advertising	568	1,000	810	800	840
6903	Janitorial Services	-	-	16,000	16,000	16,800
6908	Other Rentals	1,562	-	-	-	-
6909	Subscriptions & Memberships	282	-	-	-	-
6911	Bad Debt Expense	450	-	1,100	1,200	1,260
	TOTAL SERVICES	503,024	724,934	850,146	1,462,834	1,462,134

DEPARTMENT/DIVISION
PARKS

FUND
GENERAL FUND

ORGKEY
101303

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	-	1,500	1,200	1,300	1,400
7004	Uniform/Safety Clothing	3,028	3,065	12,000	13,000	14,000
7102	Small Tools & Equipment	1,156	12,000	12,000	51,000	16,000
7204	Building/Grounds Maintenance	8,936	30,000	30,000	32,000	33,000
7205	Machinery & Equip. Maint.	916	2,000	2,900	3,000	3,200
7206	Vehicle Maintenance	3,603	2,000	3,650	3,800	4,000
7208	Repair/Maintenance Supplies	114,930	75,000	120,000	126,000	132,000
7209	Janitorial Supplies	22,983	20,000	5,300	5,600	5,900
7210	Building Supplies	4,298	6,000	6,000	6,300	6,600
7804	Medical Supplies	-	300	300	315	330
7807	Food	57	300	1,150	1,200	1,300
7810	Special Departmental Supplies	33,783	22,124	21,000	50,000	33,000
7901	Non-Capital Expenditures	10,231	180,000	124,000	188,000	70,000
	TOTAL SUPPLIES	203,921	354,289	339,500	481,515	320,730
	FIXED ASSETS					
8301	Construction In Progress	33,607	-	-	-	-
8501	Other Betterments/Improv	-	1,814,906	1,814,906	970,000	1,038,197
8704	Motor Vehicles	-	-	-	30,000	-
8706	All Other Equipment	44,010	30,000	30,000	85,000	-
8801	Capital Lease	61,491	234,255	234,255	255,255	255,255
	TOTAL FIXED ASSETS	139,108	2,079,161	2,079,161	1,340,255	1,293,452
	DIVISION TOTAL	1,715,346	4,263,856	4,275,397	4,662,854	4,508,463

DEPARTMENT/DIVISION
STREETS

FUND
GENERAL FUND

ORGKEY
101304

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	630,069	743,404	642,266		
5101	Overtime Salaries	21,371	25,000	60,000		
5201	Stand By	10,839	10,000	8,320		
5202	Holiday Pay	9,451	-	30,670		
5204	Accrual Payout	19,210	-	830		
5301	Banked Leave Buy Back	11,301	9,259	7,363		
5401	Pension Contributions	185,281	216,777	201,889		
5501	FICA/Medicare	53,592	58,334	54,853		
5601	Deferred Compensation	869	869	869		
5701	Health/Dental Insurance	156,688	162,969	166,020		
5702	Workers' Comp Insurance	44,061	50,982	50,982		
5703	Disability Insurance	6,249	6,673	6,680		
5704	Unemployment Insurance	1,344	6,080	7,756		
5705	Life Insurance	788	883	868		
5802	Eyecare Reimbursement	288	3,152	3,152		
5803	Clothing Allowance	3,274	3,900	3,900		
5804	Uniform Rental	12,219	-	1,381		
5903	Other Taxable Benefits	152	3,977	3,977		
	TOTAL SALARIES AND BENEFITS	1,167,046	1,302,259	1,251,776		
	SERVICES					
6005	License & Permits	29	-	1,065		
6007	Penalties and Interest	2,029	-	100		
6301	Water, Sewer, Disposal	5,303	6,027	3,790		
6304	Telephone	5,286	6,790	2,158		
6401	Meeting & Prof Development	2	500	-		
6403	Training	332	-	-		
6601	Postage	-	45	-		
6710	Special Contractual Services	414,386	611,035	611,035		
6712	Landfill Tipping Charges	4,548	5,916	5,916		
6802	Info Tech Service Charges	52,406	49,200	49,200		
6803	City Garage Charges	160,931	176,107	176,107		
6901	Printing and Binding	25	-	-		
6902	Advertising	568	2,000	2,000		
6908	Other Rentals	9,087	14,385	15,000		
6911	Bad Debt Expense	73	-	-		
	TOTAL SERVICES	655,005	872,005	866,371		
	SUPPLIES					
7002	Office Supplies	993	1,500	1,700		
7004	Uniform/Safety Clothing	11,463	12,000	12,000		
7102	Small Tools & Equipment	4,260	10,000	5,000		

DEPARTMENT/DIVISION
STREETS

FUND
GENERAL FUND

ORGKEY
101304

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7204	Building/Grounds Maintenance	-	-	1,369		
7206	Vehicle Maintenance	3,301	3,000	3,000		
7208	Repair/Maintenance Supplies	181,901	165,984	165,984		
7209	Janitorial Supplies	2,070	1,200	1,200		
7210	Building Supplies	1,599	-	-		
7211	Computer Components	908	3,000	3,000		
7804	Medical Supplies	-	200	200		
7807	Food	151	1,000	1,000		
7810	Special Departmental Supplies	28,336	25,000	35,000		
	TOTAL SUPPLIES	234,982	222,884	229,453		
	FIXED ASSETS					
8404	Storm Drain Construction					
8501	Other Betterments/Improv	-	82,989	82,989		
8704	Motor Vehicles	6,148	27,000	27,000		
8706	All Other Equipment	6,465	75,000	75,000		
8801	Capital Lease	52,361	368,817	338,538		
	TOTAL FIXED ASSETS	64,974	553,806	523,527		
	DEBT SERVICE					
9001	Principal	47,489	55,054	81,669		
9101	Interest	7,565	5,897	5,897		
	TOTAL DEBT SERVICE	55,054	60,951	87,566		
	DIVISION TOTAL	2,177,061	3,011,905	2,958,693		

Please note: *This division was transferred to Municipal Utilities and Engineering Department, orgkey 101401. This change is reflected in Fiscal Year 2022-23 and forward.*

Facilities and Community Services
Trees

Program Description:

The City's urban forest is a recognized asset and landmark of the City of Redlands, valued at approximately $158,633,380.00. The Facilities and Community Services Street Tree Division staff oversee the maintenance of approximately 55,015 tree sites located within the City's right-of-way, City-owned facilities, parking lots, trails, and parks. Of these sites, approximately 43,940 are home to living trees. This count includes approximately 6,350 trees within the City's park system, and the remaining 37,590 trees in parkway areas, easement areas, and City-owned properties. Palm trees continue to be the single most prominent genus of trees within the City's inventory, which numbers approximately 8,950. A close second is the Crape Myrtle tree which numbers approximately 7,051. Both of these tree species are iconic Redlands trees. In partnership with the Redlands Street Tree Committee, the Tree Division is dedicated to the continued enhancement, maintenance, and care of this living asset.

Program Objectives:

- Provide trimming (based on safety, tree health, and aesthetics) and maintenance of City trees with a primary focus on individual specimens within the City right-of-way
- Provide safe and efficient removals of dead, diseased, and hazardous trees, either on a pre-approved or emergency basis
- Provide an active response to mitigate and resolve emergency tree concerns
- Work cooperatively with various volunteer groups, special interest organizations, and City departments to promote urban forest health and preservation
- Provide continual updates to maintain accurate records and reports

Significant Program Changes and Process Improvements:

This year, the City's contractual support was generously funded as a result of Measure T funds which stocked the account with almost fifteen times the funding from past budget years. This drastically increased the quantities of trees trimmed, dead trees removed and new trees planted.

Accomplishments for Fiscal Year 2021-22:

- Approximately 190 trees removed
- Approximately 6700 trees trimmed
- Dead tree population down to .011% of the total tree inventory
- Trees monitored for health and/or recommended for removal have been reduced to 0.0011% of the total tree inventory
- Approximately 92 trees planted

DEPARTMENT/DIVISION
TREES

FUND
GENERAL FUND

ORGKEY
101305

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	198,257	224,703	208,942	228,355	237,497
5002	Salaries: Part-Time	12	-	-	-	-
5101	Overtime Salaries	19,156	16,000	17,500	15,000	15,000
5202	Holiday Pay	4,432	-	8,305	-	-
5204	Accrual Payout	17	-	18	-	-
5301	Banked Leave Buy Back	279	3,153	3,007	3,557	3,655
5401	Pension Contributions	54,877	65,535	62,879	67,810	70,929
5501	FICA/Medicare	16,568	17,616	18,232	17,926	18,310
5601	Deferred Compensation	17	17	17	17	17
5701	Health/Dental Insurance	41,273	41,438	44,669	37,304	39,169
5702	Workers' Comp Insurance	104,456	121,151	121,151	11,066	11,964
5703	Disability Insurance	2,227	2,269	2,533	2,542	2,597
5704	Unemployment Insurance	435	1,831	2,364	1,831	1,831
5705	Life Insurance	260	266	277	266	266
5802	Eyecare Reimbursement	-	950	950	950	950
5803	Clothing Allowance	810	1,260	1,260	1,260	1,260
5804	Uniform Rental	62	-	500	525	525
5903	Other Taxable Benefits	42	1,197	1,197	672	672
	TOTAL SALARIES AND BENEFITS	443,180	497,386	493,801	389,081	404,642
	SERVICES					
6105	Medical/Physicals	-	500	500	525	552
6401	Meeting & Prof Development	4	9,000	9,000	5,000	5,000
6402	Travel Expense/Reimbursement	-	500	500	1,000	1,000
6403	Training	-	3,000	3,000	3,000	3,150
6710	Special Contractual Services	47,195	1,366,588	1,366,588	1,200,000	1,200,000
6712	Landfill Tipping Charges	-	10,000	9,344	10,000	10,000
6802	Info Tech Service Charges	-	6,833	6,833	47,405	50,997
6803	City Garage Charges	-	-	-	66,006	77,304
6901	Printing and Binding	-	500	500	525	552
6909	Subscriptions & Memberships	80	-	185	-	-
	TOTAL SERVICES	47,279	1,396,921	1,396,450	1,333,461	1,348,555
	SUPPLIES					
7002	Office Supplies	341	500	500	500	500
7004	Uniform/Safety Clothing	-	500	1,000	1,000	1,000
7208	Repair/Maintenance Supplies	4,381	10,000	10,000	11,000	12,000
	TOTAL SUPPLIES	4,722	11,000	11,500	12,500	13,500
	FIXED ASSETS					
8706	All Other Equipment	-	-	-	90,000	-
8801	Capital Lease	-	53,924	53,924	53,924	53,924
	TOTAL FIXED ASSETS	-	53,924	53,924	143,924	53,924
	DIVISION TOTAL	495,181	1,959,231	1,955,675	1,878,966	1,820,621

Facilities and Community Services
Code Enforcement Division

Program Description:

The Code Enforcement Division is responsible for improving the quality of life, protecting property values, and ensuring the health and safety of our community by fair and consistent enforcement of the Redlands Municipal Code. Such enforcement activities include, but are not limited to, enforcement of codes related to property maintenance, graffiti, inoperative vehicles, unsafe conditions, unsafe buildings, unpermitted (unsafe) construction, and the eradication of neighborhood blight. This division consists of one full-time senior code officer, three full-time code officers, and one full-time administrative technician. The Code Enforcement Division provides a balance of providing customer service to residents concerned with municipal code violations while working to educate and gain voluntary compliance increasing the quality of life and serving the entire community.

Program Objectives:

- Provide excellent customer service to the residents and businesses of the City of Redlands;
- Increase the quality of life in the City of Redlands by improving the visual appearance of our neighborhoods through the fair and consistent enforcement of the property maintenance ordinance;
- Respond to citizen concerns pertaining to Municipal Code violations;
- Educate property owners and responsible parties of code requirements and work with stakeholders to resolve issues raised by residents and businesses through voluntary compliance; and
- When voluntary compliance is not gained through education, enforcement action is initiated to gain compliance to provide the appropriate customer service to the overall community.

Significant Program Changes and Process Improvements, Focus Area E-Safety and Community Services:

Significant program changes and process improvements for FY 2022-2024 include updating the City's landscape requirements and establishment of a new ordinance to address water conservation efforts, efficient irrigation design, and proper maintenance for both residential and commercial properties. Guidelines and education within this new policy will improve property maintenance and aesthetics while protecting property values and deterring neighborhood blight.

Furthermore, the Code Division continues to assist in activities involving homeless encampments. An increase in homeless activities within the City has a corresponding relation to the unauthorized occupation of vacant and abandoned properties. As a result of this activity, the code enforcement division worked in partnership with stakeholders, property owners and other city departments by providing education, and direction on abatement and the securing of property. Approximately 15 properties were cleaned and secured by the property owners with assistance and direction provided by the City.

Accomplishments for Fiscal Year 2021-22:

- Opened 1,001 cases
- Closed 871 cases
- 1,376 Requests for service
- 2,041 Code Inspections
- Rental Inspections - 2,000 rental units within the Residential Rental Dwelling Unit Program
- The Code Enforcement Division participates in a monthly meeting with the City's Police Department, Building and Safety Department, and Fire Department to discuss current public safety issues, code cases, and municipal code violations. This partnership assists in improving interdepartmental communications, the successful closing of cases, and providing health and safety to the community.

DEPARTMENT/DIVISION
CODE ENFORCEMENT

FUND
GENERAL FUND

ORGKEY
101306

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	215,467	254,844	228,879	349,557	359,585
5101	Overtime Salaries	12,767	5,000	5,000	5,250	5,513
5201	Stand By	212	-	-	-	-
5202	Holiday Pay	4,297	-	4,358	-	-
5204	Accrual Payout	2,772	-	113	-	-
5301	Banked Leave Buy Back	1,162	125	1,220	1,351	1,351
5401	Pension Contributions	48,369	74,540	63,738	81,993	85,596
5501	FICA/Medicare	18,534	19,951	17,938	21,317	21,730
5601	Deferred Compensation	384	384	384	397	397
5701	Health/Dental Insurance	33,539	33,174	46,728	47,040	49,392
5702	Workers' Comp Insurance	4,341	4,934	4,934	8,299	8,973
5703	Disability Insurance	2,365	2,437	2,359	2,915	2,975
5704	Unemployment Insurance	386	1,696	3,291	1,988	1,988
5705	Life Insurance	234	246	268	289	289
5802	Eyecare Reimbursement	351	880	880	1,031	1,031
5803	Clothing Allowance	390	1,140	1,140	1,341	1,341
5804	Uniform Rental	(6)	-	266	559	559
5903	Other Taxable Benefits	1,412	5,472	5,472	797	797
	TOTAL SALARIES AND BENEFITS	346,976	404,823	386,968	524,124	541,517
	SERVICES					
6102	Legal Services	139	3,500	3,500	3,675	3,859
6106	Other Professional Services	1,227	1,000	1,000	1,050	1,103
6304	Telephone	3,686	2,500	2,500	2,625	2,756
6403	Training	77	1,500	1,500	1,575	1,654
6601	Postage	4,226	2,500	2,500	2,625	2,756
6703	Software Support/Development	-	8,800	5,200	15,460	16,233
6710	Special Contractual Services	23,371	30,000	30,000	31,500	33,075
6712	Landfill Tipping Charges	-	1,000	1,000	1,050	1,103
6802	Info Tech Service Charges	-	-	16,204	35,554	38,248
6803	City Garage Charges	4,681	7,718	7,718	6,735	7,888
6804	General Govt Service Charge	-	27,778	27,778	27,778	27,778
6901	Printing and Binding	50	2,500	2,200	2,310	2,426
6902	Advertising	-	-	300	315	331
6909	Subscriptions & Memberships	5,063	1,000	1,000	1,050	1,103
	TOTAL SERVICES	42,520	89,796	102,400	133,302	140,311
	SUPPLIES					
7002	Office Supplies	4,148	2,000	500	2,100	2,205
7004	Uniform/Safety Clothing	-	2,000	1,500	2,100	2,205
7101	Office Equipment & Furniture	240	-	-	-	-
7807	Food	-	100	100	105	110
7810	Special Departmental Supplies	650	1,000	3,000	1,050	1,103
	TOTAL SUPPLIES	5,038	5,100	5,100	5,355	5,623
	DIVISION TOTAL	394,534	499,719	494,468	662,781	687,451

Facilities and Community Services
Recreation and Senior Services

Program Description:

The City of Redlands Recreation and Senior Services Division is a customer-driven service that is responsive to the needs of the public. Recreation and Senior programs promote wellness and human development through leisure pursuits. The Division operates the Redlands Community Center, Senior Center, and Joslyn Senior Center which are open to the community for a variety of educational and leisure activities. The centers feature a gymnasium, computer labs, classrooms, reading lounges, multi-purpose rooms, and kitchen facilities. In addition to manning the centers, the Division also facilitates the rentals of indoor and outdoor recreation sites.

The senior services programs focus on community support and partnerships, nutrition and healthy eating, and active living. The Senior Information and Referral Services Offices are located in the Community Center at 111 W. Lugonia Avenue, offering assistance to seniors seeking housing, medical, and financial information. Numerous programs are offered, including the Meals on Wheels program and the Family Service Association Nutrition Program, ensuring the availability of hot meals to seniors for a reasonable price.

Program Objectives:

- Strengthen community image and sense of place
- Provide and support recreation and leisure services offered throughout the community
- Promote health and wellness
- Foster human development
- Increase cultural unity
- Maintain staff liaison support to the Senior Activities Advisory Board
- Provide programs and activities to stimulate and strengthen senior lives, including health and fitness, education and instruction, referral and support, and social activities and events
- Continue to provide the Senior Transportation Program, which provides transportation services to seniors and disabled citizens

Significant Improvements Related to Operations:

The Redlands Community Center and Community Senior Center, which opened in 1979, and 1995 have undergone a number of enhancements over the years, however, these facilities needed updating in order to better meet the needs of their current and future patrons.

During the recent closure due to the pandemic, the Facilities and Community Services Department made some investments to improve upon its patrons' experience and to respond to resident needs and input.

The renovation project included:

- Increase the size of the Senior Center lobby and Community Center Lobby to improve the flow of traffic throughout the building;
- Refurbish existing Senior Center meeting rooms and multi-purpose rooms;
- Bring the Community and Senior Center into compliance with current ADA and California Building Code regulations;
- Modernize the look of the center with new wall, ceiling, and floor treatments;

- Centralize front desk operations and improve patrons' access to customer service;
- Repaint walls and enhanced indoor lighting; and
- Consolidate the center's administrative offices into one cohesive area.

These enhancements have allowed the centers to provide their programs and services more efficiently and more cost-effectively for many years to come.

Capital Improvement Projects:

One of the fastest-growing sports within the City is pickleball. In the last five years, the recreation division has experienced significant growth in pickleball court use and demand for facilities. To address the increased demand, the Parks and Recreation Advisory Commission (PRC) identified the construction of additional Pickleball facilities on their list of priorities. The Community Center, which includes two outdoor tennis courts, has been utilized up to this point to address the demand. However, the facility is not designed for pickleball and is undersized to meet current and future demand.

On December 7th, 2021 the City Council awarded a construction contract with Three Peaks Corporation for $309,160 for the conversion of tennis courts to pickleball courts at the Redlands Community Center. The project is anticipated to be completed this summer and will expand the playing area, of the existing tennis courts by approximately four feet. This will allow for eight permanent courts to be built to meet the public demand for the sport. In addition, the project includes the relocation of four light poles to provide nighttime games and practices, fencing and security gates, netting, new net posts with brass winding gears, and a Plexipave playing surface.

Strategic Plan Goals - Expand Recreational Programing

In the fall of 2021, the Facilities and Community Services Department entered into a new Independent Contract Agreement with Renegade Volleyball. The program is designed to teach youth ages 7 – 17 the fundamentals of volleyball. Through the expertise of Renegade, the volleyball recreational league has become one of the most popular activities offered at the Community Center. The program fosters an environment that is fun and physical to the standards of USA volleyball youth sports and teaches volleyball skills of all levels. The Volleyball Recreational League consists of two practices during the week at the beginning of the program and progresses to scheduled games.

DEPARTMENT/DIVISION
RECREATION AND SENIOR SERVICES

FUND
GENERAL FUND

ORGKEY
101309

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	267,883	458,697	334,151	513,985	530,136
5002	Salaries: Part-Time	69,101	75,710	40,836	77,150	81,008
5101	Overtime Salaries	7,465	10,000	10,000	11,000	12,100
5202	Holiday Pay	5,259	-	5,152	-	-
5204	Accrual Payout	194	-	1,645	-	-
5301	Banked Leave Buy Back	3,126	6,708	3,291	4,120	4,120
5401	Pension Contributions	75,525	133,984	100,547	123,210	129,288
5501	FICA/Medicare	26,632	41,700	28,895	38,236	39,319
5601	Deferred Compensation	140	1,000	140	1,005	1,005
5701	Health/Dental Insurance	64,802	114,551	87,181	101,309	105,141
5702	Workers' Comp Insurance	28,212	32,892	32,892	35,993	38,916
5703	Disability Insurance	2,800	3,802	2,833	3,659	3,772
5704	Unemployment Insurance	1,030	6,527	7,001	6,093	6,093
5705	Life Insurance	368	633	482	570	570
5802	Eyecare Reimbursement	674	2,259	2,259	2,034	2,034
5803	Clothing Allowance	1,950	2,700	2,700	2,400	2,400
5903	Other Taxable Benefits	435	2,061	2,061	1,156	1,156
5904	Tuition Reimbursement	-	-	312	-	-
	TOTAL SALARIES AND BENEFITS	555,596	893,224	662,378	921,920	957,058
	SERVICES					
6004	Bank/Collection Agent Fees	4,765	7,000	7,000	7,350	7,717
6005	License & Permits	562	2,000	533	2,100	2,205
6101	Architect & Engineer	-	9,250	15,705	9,713	10,198
6105	Medical/Physicals	-	210	-	221	232
6106	Other Professional Services	40,883	32,000	36,000	80,200	245,280
6304	Telephone	6,441	7,723	7,723	8,109	8,514
6307	Electricity & Gas	8,228	13,592	13,592	14,271	14,984
6401	Meeting & Prof Development	4,000	4,000	-	4,200	4,410
6402	Travel Expense/Reimbursement	-	2,000	-	2,100	2,205
6403	Training	596	2,000	357	2,100	2,205
6601	Postage	529	1,000	1,000	1,050	1,103
6703	Software Support/Development	3,915	3,800	4,911	3,990	14,289
6708	Special Program Expenditures	15,951	54,728	59,702	57,464	60,337
6710	Special Contractual Services	84,561	264,855	326,500	333,000	343,000
6712	Landfill tipping charges	2,311	5,000	3,600	5,250	5,513
6802	Info Tech Service Charges	32,611	35,989	35,989	168,141	179,366
6803	City Garage Charges	22,364	27,004	27,004	33,676	39,441
6901	Printing and Binding	523	1,000	9,100	1,050	1,103
6902	Advertising	1,466	2,000	8,000	52,100	52,205
6906	Office Equip & Furn Rent	8,049	10,000	10,000	10,500	11,025
6908	Other Rentals	-	3,000	-	3,150	3,308
6909	Subscriptions & Memberships	855	2,000	2,271	2,100	2,205
6912	Reimbursed Expenditures	4,268	33,410	33,410	-	-
	TOTAL SERVICES	242,878	523,561	602,396	801,834	1,010,843

DEPARTMENT/DIVISION
RECREATION AND SENIOR SERVICES

FUND
GENERAL FUND

ORGKEY
101309

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	4,578	5,000	6,545	5,250	5,513
7004	Uniform/Safety Clothing	1,887	5,000	5,371	5,250	5,513
7101	Office Equipment & Furniture	14,809	13,507	18,021	14,182	14,891
7102	Small Tools & Equipment	41	500	3,800	525	551
7203	Office Equipment Maintenance	1,350	2,500	310	2,625	2,756
7204	Building/Grounds Maintenance	6,385	-	-	-	-
7205	Machinery & Equip. Maint.	2,536	4,500	17,646	56,225	66,961
7208	Repair/Maintenance Supplies	8,028	6,000	6,031	6,300	6,615
7209	Janitorial Supplies	388	4,000	2,000	4,200	4,410
7210	Building Supplies	-	1,000	2,384	1,050	1,103
7302	Compressed Natural Gas (LCNG)	-	2,782	2,782	2,921	3,067
7804	Medical Supplies	1,009	1,000	1,000	1,050	1,103
7807	Food	2,505	9,000	12,730	9,450	21,922
7810	Special Departmental Supplies	82,127	30,000	38,963	31,500	53,075
7901	Non-Capital Expenditures	21,109	26,000	92,569	112,300	28,665
	TOTAL SUPPLIES	146,752	110,789	210,151	252,828	216,143
	FIXED ASSETS					
8501	Other Betterments/Improv	-	298,000	210,000	455,000	652,000
8801	Capital Lease	-	12,074	-	12,074	12,074
	TOTAL FIXED ASSETS	-	310,074	210,000	467,074	664,074
	DIVISION TOTAL	945,226	1,837,648	1,684,926	2,443,656	2,848,118

Facilities and Community Services
City Hall – State Street

Program Description:

On October 1, 2021, the City acquired the facility at 300 E. State Street for the purpose of a future City Hall.

Strategic Plan

Conversion of this facility into a future City Hall supports the Strategic Plan Priority D – Sustainability – Strategic Objective 3 – Infrastructure.

DEPARTMENT/DIVISION
CITY HALL - STATE STREET

FUND
GENERAL FUND

ORGKEY
101310

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time		58,670	7,520	84,287	84,331
5002	Salaries: Part-Time		-	25,301	43,493	45,677
5101	Overtime Salaries		2,031	1,464	1,500	1,500
5202	Holiday Pay		-	305	-	-
5301	Banked Leave Buy Back		-	544	4,817	4,823
5401	Pension Contributions		-	9,759	25,078	25,770
5501	FICA/Medicare		-	2,641	9,584	9,805
5601	Deferred Compensation		-	-	968	968
5701	Health/Dental Insurance		-	6,251	7,280	7,644
5703	Disability Insurance		-	62	124	126
5704	Unemployment Insurance		-	1,220	781	781
5705	Life Insurance		-	7	50	50
5802	Eyecare Reimbursement		-	-	180	180
5803	Clothing Allowance		-	-	60	60
5804	Uniform Rental		-	2	25	25
5903	Other Taxable Benefits		-	-	1,185	1,185
	TOTAL SALARIES AND BENEFITS		60,701	55,076	179,412	182,925
	SERVICES					
6005	License & Permits		-	1,420	1,020	1,071
6106	Other Professional Services		-	29,400	84,000	-
6301	Water Wastewater Refuse		46,989	15,327	21,460	22,533
6304	Telephone		-	6,660	9,324	9,790
6307	Electricity & Gas		181,080	34,300	48,019	50,420
6308	Elec Service-Facility Ops		-	200,880	210,924	221,470
6309	Heating/AC Service Contract		-	52,759	48,767	51,205
6401	Meeting & Prof Development		-	150	150	150
6601	Postage		300	250	263	276
6710	Special Contractual Services		140,355	145,018	208,320	218,734
6901	Printing and Binding		800	-	-	-
6903	Janitorial Services		53,281	120,463	126,486	132,810
6906	Office Equip & Furn Rent		-	-	420	440
6908	Other Rentals		-	1,500	1,500	1,500
	TOTAL SERVICES		422,805	608,127	760,653	710,399
	SUPPLIES					
7002	Office Supplies		500	800	900	1,000
7101	Office Equipment & Furniture		500	-	-	-
7204	Building/Grounds Maintenance		147,899	-	-	-
7208	Repair/Maintenance Supplies		10,000	509	10,500	11,025
7209	Janitorial Supplies		-	13,203	18,494	19,408
7810	Special Departmental Supplies		5,000	-	-	-
	TOTAL SUPPLIES		163,899	14,512	29,894	31,433
	FIXED ASSETS					
8501	Other Betterments/Improv		56,723	56,723	-	-
	TOTAL FIXED ASSETS		56,723	56,723	-	-
	DIVISION TOTAL		704,128	734,438	969,959	924,757

Facilities and Community Services
Animal Services

Program Description:

The Animal Services Unit enforces state and federal animal laws and city municipal codes. It also provides a variety of services to meet the needs of the community, and ensure the welfare of animals. The animal control officers are responsible for handling stray animals on city streets, animal disturbance calls, reports of injured or aggressive animals, and animals receiving fatal injuries. The Animal Control Unit also quarantines animals after reported animal bites, investigates reports of animal abuse, and temporarily provides shelter to neglected livestock and injured wildlife.

Program Objectives:

- Provide excellent customer service to the community by demonstrating trustworthiness, respect, and care at all times
- Improve efficiency through increased information in the field by moving towards paperless systems
- Promote the adoption of all animals housed in the shelter
- Increase the number of animals treated in the spay and neuter program
- Promote community partnerships to enhance animal welfare
- Provide humane care for the animals in our facility
- Educate and provide resources to the community for responsible pet ownership by providing them with information about living with wildlife, keeping pets up to date on vaccines and licenses as well as general education.

Significant Program Changes:

- Our shelter was shut down to the public and volunteers in March of 2020 due to Covid-19. The remaining staff continued to run daily operations of field services, adoptions by appointment, cleaning and caring for the animals housed at the shelter while social distancing.

Accomplishments for Fiscal Year 2020-2021:

- The shelter has a partnership with the San Manuel Band of Mission Indians, who sponsored three reduced adoptions events.
- The shelter created a partnership with Friends of Upland Shelter. Dogs and Cats have been transferred to the Upland Shelter, providing an additional opportunity for adoption.
- We created a puppy and kitten program. One of the isolation rooms was designated and converted into a nursery. Animals were kept healthy and were constantly monitored by staff. The nursery program was highly successful.

Goals for Fiscal Year 2022-2024:

- Explore various partnerships both public and private to expand services and adoption opportunities
- Construction of a dog isolation area
- Remodel and construction of dog kennels and cattery

DEPARTMENT/DIVISION
ANIMAL SERVICES

FUND
GENERAL FUND

ORGKEY
101311

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time				267,859	275,878
5002	Salaries: Part-Time				15,790	16,580
5101	Overtime Salaries				47,250	49,613
5301	Banked Leave Buy Back				3,592	3,633
5401	Pension Contributions				59,581	62,212
5501	FICA/Medicare				17,616	17,983
5601	Deferred Compensation				3,440	3,440
5701	Health/Dental Insurance				27,384	28,753
5702	Workers' Comp Insurance				22,131	23,928
5703	Disability Insurance				2,322	2,366
5704	Unemployment Insurance				2,170	2,170
5705	Life Insurance				252	252
5802	Eyecare Reimbursement				900	900
5803	Clothing Allowance				6,800	6,800
5903	Other Taxable Benefits				4,980	4,980
	TOTAL SALARIES AND BENEFITS				482,067	499,488
	SERVICES					
6005	License & Permits				24	25
6103	Veterinary Services				95,025	99,776
6403	Training				1,500	1,575
6710	Special Contractual Services				25,000	28,000
6802	Info Tech Service Charges				94,810	101,994
6803	City Garage Charges				33,677	39,441
6906	Office Equip & Furn Rent				2,553	2,680
	TOTAL SERVICES				252,589	273,492
	SUPPLIES					
7002	Office Supplies				1,260	1,323
7206	Vehicle Maintenance				437	459
7803	Chemical & Lab Supplies				5,828	6,119
7804	Medical Supplies				15,750	16,538
7805	Weapons & Ammunitions				1,260	1,323
7807	Food				3,465	3,638
7810	Special Departmental Supplies				35,000	40,000
	TOTAL SUPPLIES				62,999	69,399
	FIXED ASSETS					
8801	Capital Lease				6,276	6,590
	TOTAL FIXED ASSETS				6,276	6,590
	DIVISION TOTAL				803,931	848,968
	DEPARTMENT TOTAL	8,864,775	33,037,726	32,581,447	15,240,156	15,300,364

Please note: *This division was transferred from the Police Department, orgkey 101203. This change is reflected in Fiscal Year 2022-23 and forward.*

DEPARTMENT/DIVISION
FCS GRANTS

FUND
GOVERNMENTAL GRANT FUND

ORGKEY
200300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	3,372	510	-	-	-
5401	Pension Contributions	643	-	-	-	-
5501	FICA/Medicare	244	-	-	-	-
5601	Deferred Compensation	42	-	-	-	-
5701	Health/Dental Insurance	391	-	-	-	-
5702	Workers' Comp Insurance	92	-	-	-	-
5703	Disability Insurance	10	-	-	-	-
5704	Unemployment Insurance	32	-	-	-	-
5705	Life Insurance	2	-	-	-	-
	TOTAL SALARIES AND BENEFITS	4,828	510	-	-	-
	SERVICES					
6902	Advertising	-	-	510	-	-
	TOTAL SERVICES	-	-	510	-	-
	SUPPLIES					
7807	Food	1,945	5,207	5,207	-	-
	TOTAL SUPPLIES	1,945	5,207	5,207	-	-
	DIVISION TOTAL	6,773	5,717	5,717	-	-

DEPARTMENT/DIVISION
PARKS GRANTS

FUND
GOVERNMENTAL GRANT FUND

ORGKEY
200300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6710	Special Contractual Services	68,016	-	-	-	-
	TOTAL SERVICES	68,016	-	-	-	-
	DIVISION TOTAL	68,016	-	-	-	-

DEPARTMENT/DIVISION

RECREATION AND SENIOR SERVICES GRANTS

FUND

GOVERNMENTAL GRANT FUND

ORGKEY

200309

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	31,178	131,081	131,081	-	-
5101	Overtime Salaries	30	-	-	-	-
5202	Holiday Pay	426	-	-	-	-
5401	Pension Contributions	8,556	-	-	-	-
5501	FICA/Medicare	2,423	-	-	-	-
5701	Health/Dental Insurance	7,963	-	-	-	-
5702	Workers' Comp Insurance	233	-	-	-	-
5703	Disability Insurance	324	-	-	-	-
5704	Unemployment Insurance	57	-	-	-	-
5705	Life Insurance	48	-	-	-	-
	TOTAL SALARIES AND BENEFITS	51,238	131,081	131,081	-	-
	SERVICES					
6304	Telephone	518	1,115	1,115	-	-
6902	Advertising	-	2,000	2,000	-	-
6912	Reimbursed Expenditures	(4,268)	(33,410)	(33,410)	-	-
	TOTAL SERVICES	(3,750)	(30,295)	(30,294)	-	-
	SUPPLIES					
7206	Vehicle Maintenance	3,329	16,270	16,270	-	-
7302	Compressed Natural Gas (LCNG)	1,451	16,582	16,582	-	-
	TOTAL SUPPLIES	4,780	32,852	32,852	-	-
	DIVISION TOTAL	52,268	133,638	133,638	-	-
	DEPARTMENT TOTAL	127,057	139,355	139,355	-	-

Facilities and Community Services
Downtown Redlands

Program Description:

The Downtown Redlands Division is dedicated to ensuring the downtown is the cornerstone of the community; offering an enhanced experience of shopping and dining and at the same time making it a true destination. The division concentrates efforts on the promotion of events, enhanced maintenance efforts, and customer service outreach for the downtown businesses. Promotional events include our Certified Farmers Market, Downtown Art Walk, Christmas tree lighting, annual Holiday Décor, and Entertainment Program, along with other various popular downtown events.

Program Objectives:

- Preserve the integrity of historic downtown and cultivate prosperity for the local businesses
- Help stimulate downtown's economic vitality
- Provide information to and address service requests from the local business community and patrons
- Enrich the downtown area with activities that are conducive to family participation
- Enrich the downtown with enhanced streetscape, furnishings, and decorations

Priority Focus Areas:

- In support of the City's Strategic Plan Focus Area B – Economic Development, during the Fiscal Year 2020-21, the Downtown Division provided support to the local downtown businesses including holding the Outdoor Dining event and managing the weekly Certified Farmers Market to provide essential produce and goods to the community.

DEPARTMENT/DIVISION

DOWNTOWN REDLANDS BUSINESS AREA

FUND

DOWNTOWN REDLANDS BUSINESS AREA FUND

ORGKEY

236300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	15,116	-	-	-	-
5002	Salaries: Part-Time	6,299	-	-	-	-
5204	Accrual Payout	4,222	-	-	-	-
5401	Pension Contributions	5,164	-	-	-	-
5501	FICA/Medicare	1,866	-	-	-	-
5701	Health/Dental Insurance	1,924	-	-	-	-
5702	Workers' Comp Insurance	5,426	-	-	-	-
5703	Disability Insurance	1	-	-	-	-
5704	Unemployment Insurance	1	-	-	-	-
5705	Life Insurance	10	-	-	-	-
5903	Other Taxable Benefits	289	-	-	-	-
	TOTAL SALARIES AND BENEFITS	40,318	-	-	-	-
	SERVICES					
6004	Bank/Collection Agent Fees	440	500	500	525	551
6005	License & Permits	1,393	2,400	-	-	-
6301	Water Wastewater Refuse	6,361	8,000	8,000	8,400	8,820
6304	Telephone	1,005	1,110	1,110	1,165	1,223
6307	Electricity & Gas	2,037	2,000	2,000	2,100	2,205
6402	Travel Expense/Reimbursement	-	250	-	-	-
6703	Software Support/Development	3,167	1,500	1,500	1,575	1,653
6708	Special Program Expenditures	1,871	2,130	4,385	2,236	2,347
6710	Special Contractual Services	37,032	54,400	20,000	79,400	79,400
6802	Info Tech Service Charges	8,164	9,111	9,111	9,111	9,111
6803	City Garage Charges	620	-	-	674	789
6804	General Govt Service Charge	38,210	39,092	39,092	42,450	44,573
	TOTAL SERVICES	100,300	120,493	85,698	147,636	150,672
	SUPPLIES					
7806	Promotional Supplies	100	-	-	-	-
7807	Food	718	4,164	4,164	4,372	4,590
7810	Special Departmental Supplies	95	-	161	-	-
	TOTAL SUPPLIES	913	4,164	4,325	4,372	4,590
	FUND TOTAL	141,531	124,657	90,023	152,008	155,262

Facilities and Community Services
Community Facility, Land Maintenance, and Street Lighting Districts

Land Maintenance and Street Lighting Districts

Program Description:

The City established Landscape District No. 1 and Street Lighting District No. 1 in accordance with the "Landscaping and Lighting Act of 1972."

The San Bernardino County Assessor's Office collects annual assessments from affected district property owners to provide for the district's management, administration, maintenance, and operational expenses. Maintenance costs associated with the Landscape District No. 1 include water and labor costs, materials and equipment to maintain/replace trees, bushes, groundcover, and turf, and repairs for irrigation lines and irrigation control systems. Maintenance costs associated with the Street Lighting District include the cost of power to illuminate the street lights and the labor, materials, and equipment to replace burnt-out or broken street light infrastructure within these districts.

The revenues collected through the assessments in both districts have not been adequate to cover the cost of providing high levels of maintenance. As a result, General Fund revenues have been used to subsidize the cost of providing these services. The intent of a maintenance district is to provide adequate funding to support all necessary maintenance services within its boundaries. Services provided will be minimized to a level supported by the annual assessments to reduce the burden on the General Fund. Additionally, Landscape Maintenance District reductions will include reduced irrigation periods, cutbacks to the frequency of the landscape maintenance activities, and minor repair work. Landscaping and irrigation will be systematically removed and replaced with drought-tolerant plant material and drip irrigation that will require fewer maintenance hours. Furthermore, staff review and inspections and general City administrative overhead will not be included in the cost of service for these Districts.

Program Objectives:

- Comply with the requirements of the "Landscaping and Lighting Act of 1972"
- Implement adjustments to services to ensure there is adequate cost recovery
- Provide satisfactory landscape maintenance to meet the City's desire for well maintained, attractive, and aesthetically landscaped areas
- Provide appropriate street light maintenance to provide well lighted and safe pedestrian and vehicular travel ways

Significant Program Changes and Process Improvements:

Continued efforts in eliminating areas of shrubs and turf to prepare for retrofitting with drought-tolerant landscaping to reduce maintenance needs.

Community Facility Districts

Program Description:

The City established Community Facility District No. 2004-1 in July of 2004 under the "Mello-Roos Community Facilities Act of 1982."

In 1978, Proposition 13 was enacted by Californians, which limited the ability of many public agencies to finance new projects. In 1982, Senator Henry Mello and Assemblyman Mike Roos affected the passage of the "Mello-Roos Community Facilities Act of 1982" (the Act) authorizing local governments and developers to create Community Facilities Districts (CFDs) for the purpose of selling tax-exempt bonds to fund public improvements. The Act allows any county, city, special district, school district, or joint powers of authority to establish a CFD, which provides for the financing of public services and facilities. The Act allows

communities to raise funds for improvements to infrastructure (streets, sewers, and storm drain) even though Proposition 13 limits their ability to tax property. The revenues collected through the assessments are used to support the maintenance of parks, parkways, and open spaces as well as flood and storm protection services, including, but not limited to, the operation and maintenance of storm drainage systems and on-site retention basins. The City currently facilitates the maintenance of 21 CFD areas.

Program Objectives:

- Comply with the requirements of the "Mello-Roos Community Facilities Act of 1982"
- Provide satisfactory maintenance to CFD common areas, park areas, open spaces, and retention basins
- Provide landscape maintenance to meet the City's desire for well-maintained, attractive, and aesthetically landscaped areas to improve community quality of life.

Significant Program Changes and Process Improvements:

Five new parks and green belts were accepted into the CFD, which brings our maintained areas to thirteen in total.

DEPARTMENT/DIVISION

STREET LIGHTING DISTRICT #1

FUND

STREET LIGHTING DISTRICT #1 FUND

ORGKEY

260300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	9,961	10,351	10,130	12,043	12,213
5202	Holiday Pay	62	-	56	-	-
5203	Bonus	52	-	-	-	-
5204	Accrual Payout	373	-	253	-	-
5301	Banked Leave Buy Back	127	491	128	378	414
5401	Pension Contributions	2,839	3,036	3,059	2,016	2,102
5501	FICA/Medicare	728	754	714	484	496
5601	Deferred Compensation	139	141	141	112	113
5701	Health/Dental Insurance	945	1,411	970	851	887
5702	Workers' Comp Insurance	144	-	-	-	-
5703	Disability Insurance	8	10	7	11	11
5704	Unemployment Insurance	9	39	53	26	26
5705	Life Insurance	6	6	6	4	4
5801	Vehicle Allowance	18	-	9	14	14
5802	Eyecare Reimbursement	-	21	21	6	6
5803	Clothing Allowance	12	6	6	3	3
5903	Other Taxable Benefits	28	72	72	64	64
	TOTAL SALARIES AND BENEFITS	15,451	16,338	15,625	16,012	16,353
	SERVICES					
6315	Electric Service-Street Light	-	4,000	4,000	4,000	4,000
6401	Meeting & Prof Development	2	-	-	-	-
6804	General Govt Service Charge	1,212	1,240	1,240	1,346	1,413
6902	Advertising	146	-	-	-	-
	TOTAL SERVICES	1,360	5,240	5,240	5,346	5,413
	FUND TOTAL	16,811	21,578	20,865	21,358	21,766

DEPARTMENT/DIVISION

COMMUNITY FACILITIES DISTRICT 2004-1

FUND

CFD 2004-1 ASSESSMENTS FUND

ORGKEY

261300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	98,329	62,495	66,120	56,113	56,360
5101	Overtime Salaries	61	25	-	-	-
5202	Holiday Pay	810	-	299	-	-
5203	Bonus	209	-	-	-	-
5204	Accrual Payout	1,771	-	1,233	-	-
5301	Banked Leave Buy Back	1,624	2,706	1,051	1,849	1,921
5401	Pension Contributions	28,189	18,273	19,829	13,389	13,754
5501	FICA/Medicare	7,528	4,758	4,961	3,500	3,516
5601	Deferred Compensation	1,052	881	1,021	533	536
5701	Health/Dental Insurance	17,424	8,384	8,804	6,696	7,018
5702	Workers' Comp Insurance	3,362	-	-	-	-
5703	Disability Insurance	320	31	34	-	-
5704	Unemployment Insurance	122	256	273	191	191
5705	Life Insurance	78	37	42	28	28
5801	Vehicle Allowance	72	-	36	99	99
5802	Eyecare Reimbursement	-	133	-	-	-
5803	Clothing Allowance	60	15	120	-	-
5804	Uniform Rental	69	-	13	-	-
5903	Other Taxable Benefits	56	888	888	571	571
	TOTAL SALARIES AND BENEFITS	161,136	98,882	104,724	82,969	83,994
	SERVICES					
6102	Legal Services	6,221	5,000	5,000	5,000	5,000
6106	Other Professional Services	15,046	10,000	10,000	54,000	54,000
6301	Water Wastewater Refuse	137,580	75,000	75,000	75,000	75,000
6307	Electricity & Gas	1,802	1,500	1,500	1,500	1,500
6308	Elec Service-Facility Ops	-	50	50	50	50
6401	Meeting & Prof Development	27	-	-	-	-
6710	Special Contractual Services	186,254	188,000	188,000	209,901	209,901
6804	General Govt Service Charge	7,135	7,300	7,300	7,927	8,323
6902	Advertising	1,910	-	-	-	-
	TOTAL SERVICES	355,975	286,850	286,850	353,378	353,774
	SUPPLIES					
7208	Repair/Maintenance Supplies	-	5,000	5,000	6,000	6,000
7901	Non-Capital Expenditures	-	-	-	15,000	15,000
	TOTAL SUPPLIES	-	5,000	5,000	21,000	21,000
	FUND TOTAL	517,111	390,732	396,574	457,347	458,768

DEPARTMENT/DIVISION

LANDSCAPE MAINTENANCE DISTRICT

FUND

LANDSCAPE MAINTENANCE DISTRICT FUND

ORGKEY

263300

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	9,760	10,014	9,952	3,387	3,387
5202	Holiday Pay	42	-	35	-	-
5203	Bonus	52	-	-	-	-
5204	Accrual Payout	373	-	253	-	-
5301	Banked Leave Buy Back	127	503	128	111	111
5401	Pension Contributions	2,776	2,933	2,999	1,006	1,030
5501	FICA/Medicare	717	729	707	268	268
5601	Deferred Compensation	139	141	141	26	26
5701	Health/Dental Insurance	799	1,266	823	486	510
5702	Workers' Comp Insurance	143	-	-	-	-
5703	Disability Insurance	6	6	7	-	-
5704	Unemployment Insurance	8	35	35	13	13
5705	Life Insurance	6	5	6	2	2
5801	Vehicle Allowance	18	-	9	-	-
5802	Eyecare Reimbursement	-	18	18	7	7
5803	Clothing Allowance	3	3	3	-	-
5903	Other Taxable Benefits	17	55	55	4	4
	TOTAL SALARIES AND BENEFITS	14,986	15,708	15,171	5,310	5,358
	SERVICES					
6301	Water Wastewater Refuse	34,973	25,000	25,000	25,000	25,000
6307	Electricity & Gas	1,031	1,800	1,800	1,800	1,800
6401	Meeting & Prof Development	2	-	-	-	-
6710	Special Contractual Services	10,365	10,000	10,000	10,000	10,000
6804	General Govt Service Charge	3,030	2,793	2,793	3,032	3,184
6902	Advertising	146	497	497	497	497
	TOTAL SERVICES	49,547	40,090	40,090	40,329	40,481
	SUPPLIES					
7204	Building/Grounds Maintenance	-	5,000	5,000	5,000	5,000
	TOTAL SUPPLIES	-	5,000	5,000	5,000	5,000
	FUND TOTAL	64,533	60,798	60,261	50,639	50,839

Facilities and Community Services
Solid Waste

Program Description:

The Solid Waste Division operates automated refuse, recycling, and green waste collection for approximately 20,300 single-family residential units. Commercial bin service is provided one to six days per week to 989 customers, and commercial recycling service is provided to about 614 businesses. New commercial organic waste recycling is provided to 35 customers. A total of approximately 42,733 tons of refuse were collected in 2021; an additional 121 tons of bulky items were collected from residential customers. Recycling material collected in 2021 is as follows; 14,433 tons of green/wood waste material, 9,641 tons of commingled recyclables, 72 tons of metal, 21 tons of mattresses, 35 tons of food waste, and 15 tons of tires. Roll-off bin service is provided using 181 roll-off bins, which customers rent on a weekly basis. An un-staffed recycling drop-off center is provided at the City Yard for residents and businesses that don't otherwise have an opportunity to recycle. The City of Redlands recently implemented a food/organic waste collection program. The program consists of three (3) drop-off locations. As a community service, the Solid Waste Division provides cleanup of illegal dumping, educational activities with schools, and other solid waste education, including recycling and waste reduction for Redlands residents and businesses.

Program Objectives:

- Comply with all local, state, and federal regulatory requirements such as AB939, AB341, AB1826, SB1383, SCAQMD 1150.1 Clean Air Acts, and landfill operating requirements
- Provide cost-effective, high-quality service to all solid waste customers
- Operate the City's landfill in an efficient and fiscally responsible manner to ensure regulatory compliance
- Ensure landfill regulatory requirements and compliance are met or exceeded
- Ensure continued compliance with increasing State diversion/recycling requirements

Significant Projects and Improvements:

- Staff has begun providing customer outreach about SB1383. These new regulations require the recycling of organic/food waste material for businesses and residents.
- The City of Redlands recently added a food/organic waste program that allows residents to recycle their food waste.
- To address mandatory recycling requirements of AB341, SB1383, and AB1826, the City's Solid Waste Division is continuing the recycling outreach programs and has developed an organics collection route to provide service to approximately 37 commercial customers.
- The Solid Waste Division continues to offer a Bulky Item Collection program to residential customers. The program allows customers to request a collection of bulky items retrieved from their curbside.
- The Solid Waste Division continues to participate in a no-cost mattress recycling program offered through the State of California. This program allows staff to recycle mattresses collected through the City's bulky item program. This program enables Landfill staff to extract mattresses from the waste stream and recycle them. Staff is also working with CalRecycle on the possibility of implementing a used carpet recycling program.

- On October 7, 2019, the California Street Landfill submitted a permit package to South Coast Air Quality Management District (SCAQMD) for a permit to construct one Enclosed Flare to accommodate the future needs and growth of the City.
- One (1) new solid waste collection truck was delivered on July 14, 2021, and we are expecting three (3) additional trucks to arrive sometime this year.

Capital Purchases Greater Than $50,000:

- The Solid Waste Division purchased four (4) collection trucks and received one collection truck in July of 2021. The division is expecting three (3) additional collection trucks to be delivered in the summer of 2022 as part of the ongoing fleet replacement program.
- A permit to purchase a new above-ground flare is currently in the review process with SCAQMD.
- In September of 2021, the California Street Landfill leased a new D-7 Dozer.

Priority Focus Area Accomplishments for Fiscal Year 2021-22:

- Solid Waste collected approximately 42,733 tons of refuse, 9,641 tons of recyclables, 14,433 tons of green waste, and 35 tons of organic waste.
- CalRecycle certified that the City of Redlands is meeting the requirements of AB939, AB1826, AB341, and SB1383 and has adequately implemented a diversion program.
- Staff began outreach meetings and public speaking engagements to inform residents and business owners of the new assembly bills and recycling requirements of AB1826, AB341, and SB1383.

DEPARTMENT/DIVISION
SOLID WASTE-OPERATIONS

FUND
SOLID WASTE FUND

ORGKEY
511900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	2,728,416	3,111,489	2,878,037	3,062,751	3,139,550
5002	Salaries: Part-Time	9,700	36,570	19,423	18,736	19,672
5101	Overtime Salaries	340,064	360,000	333,575	350,253	367,765
5201	Stand By	3,034	-	1,199	-	-
5202	Holiday Pay	104,385	-	119,653	-	-
5203	Bonus	4,756	-	-	-	-
5204	Accrual Payout	42,724	-	40,981	-	-
5301	Banked Leave Buy Back	39,968	74,169	36,953	58,815	65,988
5401	Pension Contributions	894,044	902,814	858,523	815,383	849,814
5501	FICA/Medicare	241,733	241,139	244,968	216,246	220,544
5601	Deferred Compensation	22,560	15,191	19,857	9,572	9,677
5701	Health/Dental Insurance	556,874	588,706	581,951	517,929	539,689
5702	Workers' Comp Insurance	221,494	256,829	256,829	181,466	196,200
5703	Disability Insurance	25,198	23,704	26,248	25,470	25,983
5704	Unemployment Insurance	4,578	22,368	25,149	20,684	20,684
5705	Life Insurance	2,810	3,121	2,989	2,940	2,940
5801	Vehicle Allowance	1,668	-	1,116	-	-
5802	Eyecare Reimbursement	2,973	11,113	11,113	10,499	10,499
5803	Clothing Allowance	9,344	13,245	13,245	12,885	12,885
5804	Uniform Rental	27,150	20,713	20,713	5,369	5,369
5901	Compensated Absences Expense	(73,465)	-	-	-	-
5903	Other Taxable Benefits	2,284	51,926	51,926	39,288	39,288
	TOTAL SALARIES AND BENEFITS	5,212,292	5,733,097	5,544,448	5,348,286	5,526,547
	SERVICES					
6005	License & Permits	70,739	110,000	93,450	98,125	103,031
6006	Taxes	4,362	1,000	4,525	4,751	4,988
6007	Penalties and Interest	2,297	1,500	500	525	551
6008	State Mandated Fees	77,012	70,000	68,000	71,400	74,970
6101	Architect & Engineer	-	2,000	-	-	-
6102	Legal Services	310	1,829	-	-	-
6105	Medical/Physicals	3,455	2,991	2,991	3,140	3,297
6106	Other Professional Services	510,743	553,191	474,980	474,980	474,980
6301	Water Wastewater Refuse	6,332	6,000	6,000	6,300	6,615
6303	City Disposal	163,652	130,000	104,690	109,924	115,420
6304	Telephone	5,886	8,000	2,200	2,310	2,425
6307	Electricity & Gas	6,198	7,500	6,072	6,375	6,693
6401	Meeting & Prof Development	85	3,000	-	-	-
6402	Travel Expense/Reimbursement	-	2,000	1,800	1,890	1,985
6403	Training	15,574	10,000	15,000	16,000	16,800
6505	Retiree Health Insurance	643,514	190,000	178,887	400,000	420,000
6601	Postage	-	500	-	-	-
6703	Software Support/Development	-	-	394	-	-
6710	Special Contractual Services	965,363	1,302,196	1,846,546	1,878,062	1,906,655
6712	Landfill Tipping Charges	69,838	115,000	90,000	115,500	121,275
6713	Landfill Closure/PC Expense	242,821	-	242,821	285,000	300,000
6801	City Attorney Legal Service	30,940	31,625	31,506	33,081	34,735
6802	Info Tech Service Charges	537,602	592,217	592,217	682,191	729,338
6803	City Garage Charges	3,019,808	3,253,627	3,253,627	3,843,846	4,501,774

DEPARTMENT/DIVISION
SOLID WASTE-OPERATIONS

FUND
SOLID WASTE FUND

ORGKEY
511900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES (CONT.)					
6804	General Govt Service Charge	909,746	961,137	961,137	734,451	771,173
6805	Billing Services	437,500	350,000	350,000	600,000	750,000
6901	Printing and Binding	-	1,000	1,000	1,050	1,100
6902	Advertising	-	1,000	4,177	4,400	4,650
6903	Janitorial Services	6,623	13,600	1,200	1,260	1,323
6904	Land and Building Rent	5,145	5,000	4,688	4,922	5,168
6906	Office Equip & Furn Rent	-	-	738	-	-
6909	Subscriptions & Memberships	1,560	3,000	945	992	1,041
6911	Bad Debt Expense	25,068	-	-	-	-
6912	Reimbursed Expenditures	840	-	-	-	-
6914	Depreciation Expense	955,279	-	-	-	-
	TOTAL SERVICES	8,718,292	7,728,913	8,340,091	9,380,475	10,359,987
	SUPPLIES					
7002	Office Supplies	1,757	6,000	3,185	3,344	3,511
7004	Uniform/Safety Clothing	17,187	17,000	41,329	43,395	45,564
7005	Photo & Copying Supplies	-	500	-	-	-
7101	Office Equipment & Furniture	3,352	3,000	4,200	4,410	4,630
7102	Small Tools & Equipment	9,880	12,000	9,160	9,568	10,046
7201	Hardware Maint/Replace	1,525	1,000	500	525	551
7205	Machinery & Equip. Maint.	4,589	32,171	8,000	10,000	12,000
7206	Vehicle Maintenance	1,791	-	1,602	1,682	1,766
7208	Repair/Maintenance Supplies	38,877	30,000	24,500	25,725	27,011
7209	Janitorial Supplies	9,936	4,500	6,800	7,140	7,497
7210	Building Supplies	-	3,861	3,300	3,465	3,638
7804	Medical Supplies	-	300	-	-	-
7807	Food	1,026	1,500	1,236	1,297	1,361
7810	Special Departmental Supplies	483,807	500,000	500,000	525,000	551,250
7901	Non-Capital Expenditures	39,740	-	-	-	-
	TOTAL SUPPLIES	613,467	611,832	603,812	635,551	668,825
	FIXED ASSETS					
8501	Other Betterments/Improv	18,211	-	-	-	-
8502	Building Acquisitions	-	516,844	516,844	-	-
8704	Motor Vehicles	686,917	-	-	-	-
8706	All Other Equipment	29,283	-	-	-	-
8801	Capital Lease	26,924	40,892	477,111	478,361	479,779
	TOTAL FIXED ASSETS	761,335	557,736	993,955	478,361	479,779
	DIVISION TOTAL	15,305,386	14,631,578	15,482,306	15,842,673	17,035,138

DEPARTMENT/DIVISION

SOLID WASTE-PROJECTS AND GRANTS

FUND

SOLID WASTE

ORGKEY

511910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6403	Training	843	-	-	-	-
6710	Special Contractual Services	-	40,000	44,000	-	-
6902	Advertising	-	-	3,705	-	-
	TOTAL SERVICES	843	40,000	47,705	-	-
	SUPPLIES					
7810	Special Departmental Supplies	8,997	36,399	32,694	-	-
7901	Non-Capital Expenditures	26,579	-	43,935	-	-
	TOTAL SUPPLIES	35,576	36,399	76,629	-	-
	FIXED ASSETS					
8501	Other Betterments/Improv	77,383	955,038	-	1,099,550	-
8601	Solid Waste/Landfill	756,654	788,840	44,090	-	-
8704	Motor Vehicles	-	2,226,658	1,114,810	1,147,873	823,981
8706	All Other Equipment	-	178,000	55,200	65,200	70,000
8801	Capital Lease		300,000	-	-	-
	TOTAL FIXED ASSETS	834,037	4,448,536	1,214,100	2,312,623	893,981
	DEBT SERVICE					
9001	Principal	-	-	195,000	108,423	111,656
9101	Interest	-	-	10,158	11,120	7,810
	TOTAL DEBT SERVICE	-	-	205,158	119,543	119,466
	DIVISION TOTAL	870,456	4,524,935	1,543,592	2,432,166	1,013,447

DEPARTMENT/DIVISION

SOLID WASTE-DEBT SERVICE

FUND	**ORGKEY**
SOLID WASTE	511930

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6001	Fiscal Agent Fees	2,214	2,225	2,225	2,225	2,225
6004	Bank/Collection Agent Fees	15,339	15,339	14,555	13,747	12,913
	TOTAL SERVICES	17,553	17,564	16,780	15,972	15,138
	DEBT SERVICE					
9001	Principal	-	1,769,409	1,769,409	1,857,826	1,946,507
9101	Interest	401,463	318,650	318,650	231,658	140,395
	TOTAL DEBT SERVICE	401,463	2,088,059	2,088,059	2,089,484	2,086,902
	DIVISION TOTAL	419,016	2,105,623	2,104,839	2,105,456	2,102,040
	FUND TOTAL	16,594,858	21,262,136	19,130,737	20,380,295	20,150,625

Facilities and Community Services
Citrus Groves

Program Descriptions:

The City currently farms 22 separate citrus groves totaling approximately 184 acres. Several citrus varieties, including Navel orange, Valencia orange, Ruby Star grapefruit, and Rio grapefruit, are farmed within these groves. The department staff provides onsite repairs and maintenance as well as oversight of various contractors.

The Citrus Preservation Commission has been appointed by the City Council to advise staff and the City Council on both the technical and business matters relative to citrus grove management. Seventy acres of the City-owned groves are designated as Citrus Heritage Groves to be protected for future generations. The groves were primarily purchased with funds from Measure "O" and Park Acquisition Funds.

The Citrus Grove budget is presented in twenty-one separate job ledgers/programs as an Enterprise Fund, to be supported by revenue received from the sale of citrus products from these groves. The groves currently owned and maintained by the City are known as:

1	California
2	Palmetto 1(Ramirez) Palmetto 2 (Daniels)
3	Dearborn & Pioneer
4	Fifth
5	Granite
6	Jacinto Memorial
7	Judson
8	Lugonia
9	Mountain View
10	Mullin
11	Olive
12	Judson East
13	Judson West
14	Prospect
15	Riverview
16	Texas
17	University
18	Gateway
19	West Riverview
20	Sessums
21	Wabash
22	San Bernardino

Program Objectives:

- Staff support for the Citrus Preservation Commission on matters of acquisition, improvement, preservation, operation, and retention of citrus properties within the City
- Efficiently, effectively, and economically manage the day-to-day operation of the groves, and market the crops to recover all costs of operation
- Preserve acreage in citrus production consistent with the City's historical and cultural heritage as a citrus growing community while providing an economic basis for supporting private citrus development and processing facilities

Significant Program Changes and Process Improvements:

- Two full-time field staff members were added this year in efforts to provide more attention to primarily irrigation schedules and repairs as well as specific detail in regards to maintenance items.
- Trees with the citrus greening disease (Huanglongbing or "HLB") were found in the area leading to a quarantine, which affects Redlands commercial groves and residential citrus trees. In total, four City groves are within the HLB quarantine, and City farming contractors must adhere to a strict set of guidelines for the continued farming of affected trees.
- Staff hosted public outreach meetings regarding the HLB quarantine for residents and commercial growers.
- Staff continues to monitor the impact of the Asian citrus psyllid on the California citrus industry and implementing prevention methods.

Accomplishments for Fiscal Year 2021-22:

- The City worked closely with Edison on the installation of new transmission line towers in Mt View Grove. Land sale proceeds related to the tower installation directly benefited the citrus fund.
- City staff worked closely with SBCTA on a rail project impacting West Redlands Gateway and I-10 groves. The project included relocating irrigation lines and monitoring tree removals in a new right of way.
- The City received 3 new groves along Pioneer/Sessums drive associated with an adjacent development project.

DEPARTMENT/DIVISION
GROVES-OPERATIONS

FUND
GROVES FUND

ORGKEY
538900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	36,964	103,335	100,108	169,696	175,730
5101	Overtime Salaries	5,734	-	5,700	-	-
5202	Holiday Pay	1,074	-	1,423	-	-
5301	Banked Leave Buy Back	-	102	2,165	4,049	4,090
5401	Pension Contributions	11,015	30,133	29,291	30,680	32,053
5501	FICA/Medicare	3,301	7,978	8,526	8,280	8,444
5701	Health/Dental Insurance	10,460	33,797	30,843	28,334	29,751
5702	Workers' Comp Insurance	835	-	-	11,066	11,964
5703	Disability Insurance	474	1,040	1,167	1,188	1,211
5704	Unemployment Insurance	111	868	1,467	868	868
5705	Life Insurance	45	126	130	126	126
5802	Eyecare Reimbursement	-	450	450	450	450
5803	Clothing Allowance	-	-	300	600	600
5804	Uniform Rental	48	-	122	250	250
5805	Clothing Cash Payment	-	600	600	-	-
5901	Compensated Absences Expense	(76)	-	-	-	-
5903	Other Taxable Benefits	-	250	250	-	-
	TOTAL SALARIES AND BENEFITS	69,985	178,679	182,542	255,587	265,537
	SERVICES					
6005	License & Permits	705	-	-	-	-
6106	Other Professional Services	-	48,960	-	18,000	-
6301	Water Wastewater Refuse	2,219	-	2,219	-	-
6304	Telephone	372	-	326	372	-
6307	Electricity & Gas	764	-	-	-	-
6308	Elec Service-Facility Ops	27,695	-	10,000	-	-
6510	Other Insurance	4,472	5,000	10,000	-	-
6710	Special Contractual Services	23,481	-	23,481	2,500	2,500
6712	Landfill Tipping Charges	1,209	-	-	-	-
6802	Info Tech Service Charges	23,530	25,884	25,884	47,405	50,997
6804	General Govt Service Charge	23,494	24,036	24,036	26,101	27,406
6902	Advertising	79	-	-	-	-
6914	Depreciation Expense	21,240	-	-	-	-
	TOTAL SERVICES	129,260	103,880	95,946	94,378	80,903
	SUPPLIES					
7004	Uniform/Safety Clothing	258	-	170	300	300
7102	Small Tools & Equipment	239	-	83	300	300
7206	Vehicle Maintenance	244	-	517	300	300
7208	Repair/Maintenance Supplies	469	35,851	20,000	2,500	2,500
7209	Janitorial Supplies	42	-	31	100	100
7810	Special Departmental Supplies	598	-	280	500	500
	TOTAL SUPPLIES	1,850	35,851	21,081	4,000	4,000

DEPARTMENT/DIVISION
GROVES-OPERATIONS

FUND
GROVES FUND

ORGKEY
538900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8801	Captial Leases	17,129	6,000	14,731	22,731	22,731
	TOTAL CAPITAL EXPENDITURE	17,129	6,000	14,731	22,731	22,731
	DIVISION TOTAL	218,224	324,410	314,300	376,696	373,171

DEPARTMENT/DIVISION

GROVES-PROJECTS AND GRANTS

FUND

GROVES FUND

ORGKEY

538910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	-	-	-	44,625	46,851
6301	Water Wastewater Refuse	57,512	48,745	101,200	69,975	71,916
6307	Electricity & Gas	-	8,800	-	2,400	2,520
6308	Elec Service-Facility Ops	920	11,400	-	11,725	11,856
6403	Training	-	-	-	400	420
6510	Other Insurance	-	-	-	7,600	7,980
6708	Special Program Expenditures	-	-	748	-	-
6710	Special Contractual Services	691,549	477,300	463,789	591,053	619,502
	TOTAL SERVICES	749,981	546,245	565,737	727,778	761,045
	SUPPLIES					
7002	Office Supplies	-	-	-	1,500	1,500
7208	Repair/Maintenance Supplies	4,678	-	-	16,000	16,050
7901	Non-Capital Expenditures	18,709	-	11,973	-	-
	TOTAL SUPPLIES	23,387	-	11,973	17,500	17,550
	DEBT SERVICE					
9101	Interest	11	-	-	-	-
	TOTAL DEBT SERVICE	11	-	-	-	-
	DIVISION TOTAL	773,379	546,245	577,710	745,278	778,595
	FUND TOTAL	991,603	870,655	892,010	1,121,974	1,151,766

Facilities and Community Services
Cemetery Division

Program Description:

Hillside Memorial Park is a historic cemetery consisting of more than fifty acres of land. There are 11.75 acres of undeveloped land for future developments. The cemetery has performed and recorded over 32,794 interments since it was established in 1886. Hillside Memorial Park provides a place of reflection and remembrance to those that visit. Families that select Hillside Memorial Park as a final resting place are presented with an array of products to choose from which span from ground burials to mausoleum entombments. There are multiple options for families that prefer cremation services as their final wish. Hillside staff works diligently with public and private organizations to provide the best possible service to families served. The cemetery conducts an average of 220 interments per year.

The cemetery is an Enterprise Fund organized to produce revenue to offset expenditures. Portions of the cemetery revenues are placed into the Cemetery Perpetual Care Fund to help offset the expenses associated with future maintenance and upkeep of the cemetery grounds as well as to fund capital improvement projects.

Program Objectives:

- Continue to modernize record-keeping systems to include digital information storage and retrieval
- Digitize archived records to an electronic format for research
- Implement capital improvement projects that will allow the cemetery to remain modern and competitive
- Continuously revisit and revise the resolutions which govern the Cemetery's activities and fee structure

Significant Projects and Improvements:

- Created and maintained a property inventory database to track available inventory spaces more effectively
- Maintained permanent records for 32,794 recorded interments
- Performed 252 new interments, 41.27% of which were cremation related services

Strategic Priority Accomplishments for Fiscal Year 2021-22:

- Priority D – Sustainability – Strategic Objective 1 – Fiscal: Cemetery Staff has started an ongoing property inventory verification project to identify useable spaces located on the historic north end of the cemetery. The staff has identified an additional 17 usable spaces located on the north end of the cemetery.
- Priority D – Sustainability – Strategic Objective 1 – Fiscal: Conduct inventory assessment and evaluation of the Cemetery: GIS inventory of 32,794 internments ongoing. Capital replacement and improvement projects are outlined in the Council adopted Business Plan and presented to Council as an annual update.

DEPARTMENT/DIVISION
CEMETERY

FUND
CEMETERY FUND

ORGKEY
562900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	336,628	319,012	314,386	376,336	382,620
5002	Salaries: Part-Time	10,743	32,470	22,772	50,300	52,815
5101	Overtime Salaries	15,172	16,000	5,000	10,000	10,000
5201	Stand By	140	-	-	-	-
5202	Holiday Pay	1,921	-	2,911	-	-
5203	Bonus	156	-	-	-	-
5204	Accrual Payout	2,063	-	1,619	-	-
5301	Banked Leave Buy Back	5,339	7,358	5,280	6,234	6,362
5401	Pension Contributions	93,266	93,529	94,487	97,005	100,274
5501	FICA/Medicare	27,849	27,649	25,653	29,122	29,559
5601	Deferred Compensation	1,435	1,446	1,444	1,437	1,442
5701	Health/Dental Insurance	57,876	47,282	59,145	55,834	58,604
5702	Workers' Comp Insurance	9,864	11,512	11,512	13,832	14,955
5703	Disability Insurance	2,392	1,931	2,082	2,183	2,214
5704	Unemployment Insurance	634	2,754	3,072	3,231	3,231
5705	Life Insurance	313	274	286	280	280
5801	Vehicle Allowance	54	-	27	-	-
5802	Eyecare Reimbursement	675	978	978	1,000	1,000
5803	Clothing Allowance	783	923	923	953	953
5804	Uniform Rental	1,967	-	264	397	397
5901	Compensated Absences Expense	(7,936)	-	-	-	-
5903	Other Taxable Benefits	1,763	6,505	6,505	2,000	2,500
	TOTAL SALARIES AND BENEFITS	563,097	569,623	558,346	650,144	667,206
	SERVICES					
6005	License & Permits	453	710	710	746	783
6301	Water Wastewater Refuse	32,517	29,200	29,200	29,930	30,678
6304	Telephone	3,729	6,800	2,587	2,652	2,718
6307	Electricity & Gas	2,598	3,500	3,850	3,946	4,045
6401	Meeting & Prof Development	204	3,200	-	4,000	4,000
6402	Travel Expense/Reimbursement	84	1,000	-	1,900	1,900
6403	Training	128	100	900	1,500	1,500
6505	Retiree Health Insurance	57,844	15,750	11,037	15,750	15,750
6601	Postage	-	500	125	250	250
6703	Software Support/Development	394	500	500	500	500
6708	Special Program Expenditures	-	38,728	38,728	27,448	38,728
6710	Special Contractual Services	81,636	132,550	126,200	129,767	157,042
6802	Info Tech Service Charges	25,062	27,570	27,570	59,256	63,746
6803	City Garage Charges	23,906	25,749	25,749	30,309	35,497
6804	General Govt Service Charge	65,292	66,800	66,800	72,538	76,165
6901	Printing and Binding	632	500	500	1,000	2,500
6902	Advertising	5,724	1,000	1,000	2,500	5,000
6903	Janitorial Services	5,452	10,500	5,400	5,684	5,982
6906	Office Equip & Furn Rent	2,030	2,000	2,000	2,000	2,000
6909	Subscriptions & Memberships	300	500	300	315	330
6911	Bad Debt Expense	30,308	-	7,500	7,500	10,000
6914	Depreciation Expense	31,272	-	-	-	-
	TOTAL SERVICES	369,565	367,157	350,656	399,490	459,114

DEPARTMENT/DIVISION
CEMETERY

FUND
CEMETERY FUND

ORGKEY
562900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	5,809	3,900	2,212	2,000	2,100
7004	Uniform/Safety Clothing	153	1,000	1,000	1,050	1,100
7101	Office Equipment & Furniture	3,019	250	-	600	1,200
7102	Small Tools & Equipment	4,161	2,000	2,000	2,000	2,500
7204	Building/Grounds Maintenance	22,757	25,000	19,459	20,432	21,454
7206	Vehicle Maintenance	555	-	847	889	934
7208	Repair/Maintenance Supplies	13,436	15,000	13,850	14,000	14,500
7209	Janitorial Supplies	-	250	250	250	250
7801	Resale Materials	87,241	35,000	29,525	35,000	48,000
7806	Promotional Supplies	4,922	250	250	1,000	2,500
7807	Food	776	-	-	250	500
7810	Special Departmental Supplies	15,901	1,266	1,266	500	2,500
7901	Non-Capital Expenditures	11,604	500	-	6,000	4,800
	TOTAL SUPPLIES	170,334	84,416	70,659	83,971	102,338
	FIXED ASSETS					
8501	Other Betterments/Improv	21,250	80,000	35,000	135,000	100,000
8706	All Other Equipment	-	29,600	18,900	-	7,500
8801	Capital Lease	9,196	59,481	59,481	59,481	59,481
	TOTAL FIXED ASSETS	30,446	169,081	113,381	194,481	166,981
	DEBT SERVICE					
9001	Principal	-	101,000	179,231	179,003	179,030
9101	Interest	7,805	10,500	2,782	2,073	1,277
	TOTAL DEBT SERVICE	7,805	111,500	182,013	181,076	180,307
	FUND TOTAL	1,141,247	1,301,777	1,275,055	1,509,163	1,575,946

Facilities and Community Services
Redlands Municipal Airport
(Aviation Division)

Program Description:

The Aviation Division manages airfield operations and airport land leases, tie-downs, and city facilities and equipment. Further, the Division ensures compliance with the Federal Aviation Administration and the California Department of Transportation Aeronautics Division requirements for General Aviation airport facilities. The airport budget is an Enterprise Fund to sustain the program through airport revenue. City Council has appointed the Airport Advisory Board to advise the City Council on airport management matters. Oversight is provided by department staff that coordinates airport maintenance activities, grant acquisition, and administration through various department divisions.

The airport encompasses 177 acres, with 197 hangars, 25 offices, 210 tie-downs, and approximately 240 based aircraft. There are currently 14 businesses based at the airport.

Program Objectives:

- Maintain a safe aviation environment
- Operate the airport as a self-sustaining Enterprise Fund
- Provide regular education, inspections of airport facilities and equipment along with recurring maintenance
- Leverage FAA and Caltrans entitlements to maximize capital improvements through FAA and Caltrans grant programs
- Administer the City-owned west ramp tie-downs
- Administer Fixed Base Operators (FBO's) with land leases
- Administer, advise, coordinate and communicate land use and airspace compatibility, avigation easements, and environmental stewardship
- Provide staff liaison to the Airport Advisory Board

Significant Program Changes and Process Improvements:

- Amendment to Chapter 12.56 of Redlands Municipal Code and airport operations
- Issued ground leases to the United States Forest Service operating helicopter fire suppression support to "R" Fire, "Apple" Fire, and "El Dorado" Fires which boosted airport revenues

Strategic Goal Accomplishments for Fiscal Year 2021-2022

- Focus Area A – Fiscal Accountability
    - Processed for approval FAA Entitlement Planning Grants and State of California Matching Grants for Airport Layout Update, Wildlife Hazardous Management Plan, design for a new airfield security fence, and associated environmental documents
    - Complied with FAA Hangar Policy and San Bernardino Possessory Tax requirements through hangar inspection program
- Focus Area C & E-Infrastructure and Safety, and Community Services
    - Received Federal Aviation Administration (FAA) CARE Act Grant of $30,000 for runway marking and stripping refurbishment and California Aeronautic Grant of $10,000 for airfield sustainment maintenance, addressing a CALDOT DA recommendation to refurbish runway and taxiway stripping
    - Upgraded communication, weather software/hardware systems, and new underground electrical wiring for windsock and SUPERAWOS, each improving flight safety for REI tenants, visiting flight crews, early warning of heavy aircraft landing at SBD Runway 24
- Focus Area D – Land Resource Management

    - Sustainment maintenance of Storm Water Pollution Prevention Program, achieving recognition and approval to limit sampling one time per year for staying within compliance standards
- Focus Area E-Safety and Community Services
    - Conducted outreach/engagement with FAA, San Bernardino International Airport, and Redlands Pilot community relating to a new flight pattern transecting through Redlands Municipal Airport airspace
    - Continued to educate REI tenants on updates to Chapter 12.56 of Redlands Municipal Code and airport operations

DEPARTMENT/DIVISION
AIRPORT-OPERATIONS

FUND
AVIATION FUND

ORGKEY
564900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	83,544	96,346	97,564	101,257	100,097
5002	Salaries: Part-Time	4	-	-	-	-
5101	Overtime Salaries	101	25	128	-	-
5202	Holiday Pay	202	-	241	-	-
5203	Bonus	156	-	-	-	-
5204	Accrual Payout	4,457	-	1,313	-	-
5301	Banked Leave Buy Back	251	1,946	234	1,972	2,098
5401	Pension Contributions	26,211	28,142	28,561	30,078	31,963
5501	FICA/Medicare	6,844	7,640	7,689	8,051	8,354
5601	Deferred Compensation	1,344	1,351	1,349	1,348	1,352
5701	Health/Dental Insurance	8,263	4,719	9,383	4,402	4,606
5702	Workers' Comp Insurance	3,325	3,837	3,837	2,766	2,991
5703	Disability Insurance	63	64	67	71	71
5704	Unemployment Insurance	122	545	562	545	545
5705	Life Insurance	72	79	82	79	79
5801	Vehicle Allowance	54	-	27	-	-
5802	Eyecare Reimbursement	-	282	282	282	282
5803	Clothing Allowance	42	35	35	35	35
5901	Compensated Absences Expense	(1,877)	-	-	-	-
5903	Other Taxable Benefits	139	4,632	4,632	4,632	4,632
	TOTAL SALARIES AND BENEFITS	133,317	149,643	155,986	155,518	157,105
	SERVICES					
6008	State Mandated Fees	-	1,800	1,800	1,890	1,985
6106	Other Professional Services	12,898	34,793	34,500	36,225	36,036
6301	Water Wastewater Refuse	7,145	5,500	5,500	5,775	6,064
6304	Telephone	6,105	5,000	5,000	5,250	5,513
6307	Electricity & Gas	21,535	16,000	16,000	16,800	17,640
6401	Meeting & Prof Development	4	500	-	-	-
6403	Training	26	500	500	525	551
6505	Retiree Health Insurance	11,194	-	13	-	-
6510	Other Insurance	4,724	4,500	4,500	4,725	4,961
6601	Postage	33	500	500	525	551
6703	Software Support/Development	-	2,500	2,000	2,100	2,205
6710	Special Contractual Services	23,856	60,138	11,933	4,725	4,962
6712	Landfill Tipping Charges	386	-	-	-	-
6802	Info Tech Service Charges	14,082	15,491	15,491	36,851	37,749
6803	City Garage Charges	1,391	1,498	1,498	1,347	1,578
6804	General Govt Service Charge	67,094	67,135	67,135	72,902	76,547
6901	Printing and Binding	-	500	500	525	551
6902	Advertising	775	1,200	1,200	1,260	1,323
6903	Janitorial Services	4,353	9,250	10,000	10,500	11,025
6907	Comms Service & Rental	-	-	1,500	1,575	1,654
6909	Subscriptions & Memberships	272	300	300	315	331
6911	Bad Debt Expense	40	-	88	-	-
6914	Depreciation Expense	231,485	-	-	-	-
	TOTAL SERVICES	407,398	227,105	179,958	203,815	211,226

DEPARTMENT/DIVISION
AIRPORT-OPERATIONS

FUND
AVIATION FUND

ORGKEY
564900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	461	1,200	1,200	1,260	1,323
7004	Uniform/Safety Clothing	72	200	-	-	-
7101	Office Equipment & Furniture	54	3,000	-	-	-
7102	Small Tools & Equipment	-	1,000	1,000	1,050	1,103
7203	Office Equipment Maintenance	-	500	500	525	551
7204	Building/Grounds Maintenance	29,600	50,000	34,500	36,225	38,036
7208	Repair/Maintenance Supplies	4,152	6,000	6,000	6,300	6,615
7210	Building Supplies	8	6,000	6,000	6,300	6,615
7807	Food	-	-	63	-	-
	TOTAL SUPPLIES	34,347	67,900	49,263	51,660	54,243
	DEBT SERVICE					
9001	Principal	-	45,000	57,000	57,000	57,000
9101	Interest	4,924	3,000	3,000	3,000	3,000
	TOTAL DEBT SERVICE	4,924	48,000	60,000	60,000	60,000
	DIVISION TOTAL	579,986	492,648	445,207	470,993	482,574

DEPARTMENT/DIVISION
AIRPORT-PROJECTS AND GRANTS

FUND
AVIATION FUND

ORGKEY
564910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6710	Special Contractual Services	-	194,363	194,363	-	-
	TOTAL SERVICES	-	194,363	194,363	-	-
	SUPPLIES					
7204	Building/Grounds Maintenance	2,785	15,920	15,920	-	-
7901	Non-Capital Expenditures	-	-	45,000	-	-
	TOTAL SUPPLIES	2,785	15,920	60,920	-	-
	DIVISION TOTAL	2,785	210,283	255,283	-	-
	FUND TOTAL	582,771	702,931	700,490	470,993	482,574

Facilities and Community Services
Equipment Maintenance Division

Program Description:

The Equipment Maintenance Division provides service, maintenance, repairs, and safety inspections for the City of Redlands vehicles and equipment. Emphasis is placed on safety, preventive maintenance, and compliance with air quality regulations. Equipment Maintenance functions with a fleet services coordinator, three technicians, and a senior administrative assistant who provide the support necessary to address fleet concerns and manage the City's fuel station. The Equipment Maintenance Division is an Internal Service Fund.

Program Objectives:

- Provide effective and reliable customer service
- Receive award of tax rebates through consistent and timely LCNG tax reporting. Staff secured an annual rebate of $227,201 for the Fiscal Year 2021-22
- Implement and maintain programs required by the State of California and other regulatory agencies
- Maintain continuous training for mechanics to ensure up-to-date skills and knowledge of computer and electronic technology on the newer model, electric, and alternative fuel vehicles

Strategic Plan

The Equipment Maintenance Division supports the Strategic Plan Priority D – Sustainability through continued evaluation of the City's medium and light-duty vehicles under the vehicle lease and maintenance program with Enterprise Fleet Management. The program schedule allows for the replacement of 240 City vehicles over five years.

DEPARTMENT/DIVISION
EQUIPMENT MAINTENANCE

FUND
EQUIPMENT MAINTENANCE FUND

ORGKEY
607900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	453,751	480,822	436,623	538,784	541,340
5101	Overtime Salaries	9,483	15,000	19,058	20,000	21,000
5201	Stand By	1,186	-	375	-	-
5202	Holiday Pay	12,433	-	9,498	-	-
5203	Bonus	522	-	-	-	-
5204	Accrual Payout	4,297	-	24,707	-	-
5301	Banked Leave Buy Back	12,189	16,480	14,616	15,521	17,330
5401	Pension Contributions	150,662	140,382	132,444	159,039	164,153
5501	FICA/Medicare	36,231	37,781	36,569	41,387	41,846
5601	Deferred Compensation	2,227	2,250	2,244	3,115	3,137
5701	Health/Dental Insurance	73,600	68,843	72,277	79,899	83,185
5702	Workers' Comp Insurance	16,124	17,816	17,816	29,908	32,336
5703	Disability Insurance	3,453	3,390	3,686	3,718	3,763
5704	Unemployment Insurance	653	2,925	2,467	3,216	3,216
5705	Life Insurance	427	425	406	467	467
5801	Vehicle Allowance	180	-	90	-	-
5802	Eyecare Reimbursement	387	1,517	1,517	1,667	1,667
5803	Clothing Allowance	972	1,566	1,566	1,638	1,638
5804	Uniform Rental	485	-	432	683	683
5901	Compensated Absences Expense	(10,830)	-	-	-	-
5903	Other Taxable Benefits	400	5,678	5,678	1,165	1,165
	TOTAL SALARIES AND BENEFITS	768,832	794,875	782,069	900,207	916,926
	SERVICES					
6004	Bank/Collection Agent Fees	14,662	20,000	6,500	21,000	23,100
6005	License & Permits	9,248	9,500	11,108	11,663	12,247
6006	Taxes	9,929	24,962	9,699	26,210	27,520
6007	Penalties and Interest	450	2,100	-	-	-
6106	Other Professional Services	4,796	500	-	-	-
6304	Telephone	4,800	6,500	2,825	2,966	3,115
6307	Electricity & Gas	570	-	-	-	-
6401	Meeting & Prof Development	36	2,000	-	-	-
6403	Training	512	5,000	1,000	5,250	5,512
6505	Retiree Health Insurance	108,504	120,000	45,135	47,392	49,761
6601	Postage	380	400	375	400	400
6703	Software Support/Development	-	40,250	38,250	43,155	45,213
6710	Special Contractual Services	161,726	260,000	413,767	488,858	513,512
6712	Landfill Tipping Charges	-	250	-	-	-
6802	Info Tech Service Charges	142,064	146,068	146,067	117,959	124,245
6804	General Govt Service Charge	296,020	302,858	302,857	328,873	345,317
6901	Printing and Binding	-	300	-	-	-
6902	Advertising	-	1,000	-	-	-
6906	Office Equip & Furn Rent	2,117	3,275	1,717	3,438	3,610
6908	Other Rentals	22,442	53,697	25,837	56,381	59,200
6909	Subscriptions & Memberships	-	-	11,558	12,136	12,743
6911	Bad Debt Expense	-	1,632	-	-	-
6912	Reimbursed Expenditures	1,660	-	-	-	-
6914	Depreciation Expense	5,874	-	-	-	-
	TOTAL SERVICES	785,790	1,000,292	1,016,695	1,165,681	1,225,495

DEPARTMENT/DIVISION
EQUIPMENT MAINTENANCE

FUND
EQUIPMENT MAINTENANCE FUND

ORGKEY
607900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES					
7002	Office Supplies	2,479	2,000	2,000	2,100	2,205
7004	Uniform/Safety Clothing	11,601	5,000	11,353	11,921	12,517
7101	Office Equipment & Furniture	-	500	-	-	-
7102	Small Tools & Equipment	10,086	10,000	19,714	20,700	21,735
7204	Building/Grounds Maintenance	20,177	28,111	11,396	11,966	12,564
7205	Machinery & Equip. Maint.	22,450	75,000	8,670	78,750	82,687
7206	Vehicle Maintenance	996,420	836,839	928,326	962,364	1,106,718
7208	Repair/Maintenance Supplies	381	2,500	634	2,625	2,756
7209	Janitorial Supplies	2,986	1,800	764	1,890	1,984
7210	Building Supplies	463	2,500	2,200	2,625	2,756
7211	Computer Components	12,744	10,000	1,729	10,500	11,025
7213	Motor Vehicle Supplies	1,387,701	1,000,000	1,092,480	1,250,000	1,562,500
7214	Tires & Tubes	204,020	230,000	229,822	287,500	301,875
7301	Gasoline	400,709	525,000	527,397	682,500	921,375
7302	Compressed Natural Gas (LCNG)	532,159	680,000	559,597	782,000	899,300
7303	Oil and Lubricants	35,278	40,000	17,494	50,000	65,000
7304	Diesel Fuel	243,163	300,000	304,784	390,000	526,500
7803	Chemical & Lab Supplies	-	500	-	-	-
7807	Food	2,260	1,500	1,467	1,575	1,653
7810	Special Departmental Supplies	9,219	5,000	7,573	5,250	5,512
	TOTAL SUPPLIES	3,894,296	3,756,250	3,727,400	4,554,266	5,540,662
	FIXED ASSETS					
8501	Other Betterments/Improv	-	70,000	70,000	72,000	150,000
8704	Motor Vehicles	-	-	262	-	-
8801	Capital Lease	13,950	19,049	19,049	19,049	19,049
	TOTAL FIXED ASSETS	13,950	89,049	89,311	91,049	169,049
	FUND TOTAL	5,462,868	5,640,466	5,615,476	6,711,203	7,852,132

Municipal Utilities and Engineering Department

Mission:

The mission of the Municipal Utilities & Engineering Department (MUED) is to provide reliable service to the community with professionalism, integrity, accountability, quality, transparency, and innovation. MUED plans, designs, constructs, operates, and maintains Redlands' physical infrastructure for the residents and businesses in the City, making our community a desirable place to live, work, and visit.

MUED is responsible for delivering the following services to the City's residents and businesses:

- Utility Operations:
  - Water production and distribution;
  - Non-potable water distribution;
  - Wastewater collection, treatment, and disposal;
- Engineering review and inspection of development proposals for compliance with State and City codes, standards, and other governmental requirements relating to land subdivisions, grading, drainage, and improvements within the City rights-of-way;
- Management, rehabilitation, and replacement of infrastructures such as water mains, sewer mains, storm drains, streets, and traffic signals to provide reliable service to the community;
- Development and construction of new public facilities to protect and enhance Redlands' livability.

MUED is organized into three (3) divisions including Engineering (Capital Improvement Program), Utility Operations (Water, Non-Potable Water, and Wastewater), and Streets & Inspections. In total, MUED employs 108 full-time and one (1) part-time utility professional.

Departmental Goals:

- Preserve City Assets
  - Provide responsible leadership and management to preserve the City's physical assets and resources;
  - Optimize City's physical assets to ensure reliability and exceed anticipated service life;
  - Maximize sustainable practices and ensure City infrastructure improvements support the City's mission to limit its environmental footprint;
  - Provide fiscally responsible water, non-potable water, and wastewater services;
  - Provide a safe, well-maintained, and efficient transportation system;
  - Provide storm drain capture and conveyance facilities to protect public and private property from flooding;
  - Ensure regulatory compliance by mandating MUED and vendor practices are consistent with all related codes and regulations; and
  - Develop and Implement effective emergency management strategies to ensure continuity of services during and after significant events.

- Provide Quality Customer Service
  - Promptly deliver requested services with the highest quality of workmanship;
  - Develop and train staff to effectively communicate with customers; and
  - Expand online self-service opportunities.

- Ensure Employee Effectiveness and Satisfaction
  - Recruit and retain high-performing employees;

- Provide resources necessary for employees to perform work tasks safely and efficiently;
- Create and maintain a diverse work environment that encourages staff engagement, high-performance, and professional satisfaction;
- Encourage professional development to prepare City employees for promotion opportunities;
- Emphasize the importance of employee leadership and accountability at all levels.

- Establish Effective and Long-term Partnerships
  - Promote productive working relationships with City stakeholders, other municipalities, and regional partners;
  - Expand collaboration with Education and Industry partners on technology projects.

- Utilize Innovation
  - Leverage new ideas and technology to solve problems and accomplish the City's mission;
  - Create and sustain an organizational culture that encourages and supports innovation;
  - Optimize the use of emerging technologies;
  - Improve data collection and promote data-driven decision-making.

- Stimulate the Redlands Economy
  - Provide a One-Stop Permit Center for the prompt processing of development permits in the City;
  - Provide a One-Stop Permit Center to guide developers through Departmental requirements, the Redlands Municipal Code, Measure U, and State regulations;
  - Enhance Redlands' economic curb appeal through smart growth.

- Encourage Environmental Protection
  - Collaborate with State, Regional, and Local agencies to promote environmentally sound policies and procedures;
  - Continually assess Redlands water sources (Santa Ana River, Mill Creek, and Bunker Hill Basin) to monitor the health of each source;
  - Implement the City's National Pollutant Discharge Elimination System (NPDES) to ensure stormwater discharges comply with the Municipal Separate Storm Sewer Systems (MS4) permit.

- Social Responsibility
  - Collaborate with local Universities and Colleges to encourage students to consider a career in municipal government;
  - Establish an apprenticeship program to mentor young professionals;
  - Promote Departmental programs through community outreach at local events (Market Night, Redlands Bicycle Classic, etc.)

Municipal Utilities and Engineering Department
Engineering Division

Program Description:

The City of Redlands Engineering Division provides quality engineering services for the citizens of Redlands and the private development community. Engineering reviews capital improvement projects, and private development projects, and manages construction of City infrastructure improvement projects such as street rehabilitation, water, and sewer main replacement, and storm drain construction.

Program Objectives:

- Efficiently deliver Capital Improvement Projects;
- Responsibly manage and guide private land development projects;
- Capitalize on opportunities to improve the effectiveness of services provided to the community;
- Leverage State and Federal grant funds to implement significant capital improvement projects;
- Preserve and extend the useful service life of public infrastructure in a fiscally responsible manner;
- Maintain a CIP noticing program to educate and inform the general public.

Sustainability Efforts:

- Participate in Demand Response program designed for load-shedding;
- Rehabilitate well and booster pumps with energy-efficient units;
- Capitalize on building energy consumption and efficiency improvement opportunities;
- Reduce pollutants and greenhouse gases by reducing traffic congestion;
- Support sustainable transportation such as biking and walking;
- Identify grant opportunities and emerging technologies;
- Promote the use of LED street lights and identify opportunities to replace existing HPS street lights.

Significant Programs:

PARIS

In 2012, the City completed the Pavement Accelerated Repair Implementation Strategy (PARIS) funding strategy for the pavement condition assessment and pavement management platform to strategically prioritize the investment of funds for road improvements. PARIS resurfaced approximately 440 lane miles of public streets (2/3 of all City streets) from 2013 to 2021 and increased the Redlands street network pavement condition index from 53 to 82. PARIS was completed in FY 2020-21. The remaining 210 lane miles of City streets will be rehabilitated, and streets rehabilitated through PARIS will be maintained, through a new Pavement Management Program (PMP 2020), which was adopted by City Council in April 2020.

MEASURE I & SB1

Measure I is the half-cent countywide sales tax levy approved by the voters to fund local transportation improvements. The City's annual Measure I allocation was used in its entirety to

fund the PARIS program and is expected to do so with the PMP. Additionally, the Road Maintenance and Rehabilitation Account established through Senate Bill 1 provides funding to Redlands for not only PMP improvements, but other local transportation improvements as well.

DEVELOPMENT IMPACT FEES

Development Impact Fees (DIF) are collected for the construction, expansion, and improvement of arterial streets, freeway interchanges, traffic signals, public facilities, public parks, storm drain facilities, wastewater facilities, solid waste facilities, and water facilities. DIF provides partial funding for the construction of master-planned facilities to accommodate impacts associated with new development projects.

WATER CONSERVATION

In 2012-13, Redlands adopted a Water Conservation Rebate Program to incentivize customers to reduce water consumption and contribute to the City's effort to meet the 2009 Water Conservation Act goals, which required a twenty percent (20%) reduction in water consumption by 2020. The rebate program and successful implementation of additional programs such as irrigation controller scheduling assistance, a water waste investigation program, and a children's educational platform featuring Ira the IrriGATOR and Eva the InvestiGATOR, have resulted in a citywide residential water consumption rate reduction of approximately 50 gallons per capita per day over the last five years.

Accomplishments in Fiscal Year 2021-22:

- Construction of the PMP 2021 completed in May 2022, completing approximately fifty (50) lane miles of the street out of the remaining 1/3 of the City's street (210 lane miles out of 650) after completing the PARIS program.;
- Replacement of four (4) miles of water pipeline;
- Rehabilitation of two (2) miles of sewer pipeline by slip lining;
- Replacement of one (1) mile sidewalks and twenty-nine (29) ADA curb ramps have been completed. Another 3.5 miles of sidewalks and thirty (30) ADA curb ramps replacement are under construction and will be completed by fall 2022;
- Emergency Vehicle Preemption system project design is completed and construction will commence in summer 2022;
- Awarded approximately $18,000 in Water Efficiency Rebates;
- Completion of Water, Non-potable Water, and Wastewater Master Plans;
- Construction SCADA system upgrade Phase 1 (14 water facility sites) completed in December 2021. Phase 2 (31 water facility sites) design is complete and will be constructed in two fiscal years, Construction of eighteen (18) water facility sites is underway and will be completed by December 2022, and the remaining thirteen (13) water facility sites construction will follow;
- Construction of WWTP Phase 1B is in progress and will be completed by June 2022, which includes Fine Screen installation, IPW pump station, blowers replacement, digester gas conditioning system improvements;
- Design of WWTP Phase 2 (overall rehabilitation of the plant) is in progress and design will be complete by June 2022;
- Coordination with San Bernardino County Transportation Authority (SBCTA) for the construction of the Redlands Passenger Rail Project;
- Coordination with SBCTA for the construction of I-10 and University Street widening project;
- Coordination with SBCTA for the construction of I-10 and Alabama Street widening project;
- Construction inspection for capital projects and land development activities.

DEPARTMENT/DIVISION
ENGINEERING

FUND
GENERAL FUND

ORGKEY
101400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	554,697	600,579	542,780	179,398	187,628
5002	Salaries: Part-Time	22,162	26,219	15,308	12,607	13,237
5101	Overtime Salaries	8,229	10,000	4,000	5,000	5,000
5201	Stand By	60	-	-	-	-
5202	Holiday Pay	7,441	-	4,921	-	-
5203	Bonus	291	-	-	-	-
5204	Accrual Payout	14,465	-	3,181	-	-
5301	Banked Leave Buy Back	7,880	15,424	9,376	5,637	6,738
5401	Pension Contributions	157,632	175,310	161,335	54,485	57,863
5501	FICA/Medicare	45,732	48,351	42,797	14,604	15,222
5601	Deferred Compensation	9,803	5,374	30,254	1,598	1,629
5701	Health/Dental Insurance	72,701	76,831	67,958	17,395	17,802
5702	Workers' Comp Insurance	36,217	41,937	41,937	79,641	86,107
5703	Disability Insurance	2,680	2,580	2,647	1,098	1,143
5704	Unemployment Insurance	760	3,450	4,087	1,194	1,194
5705	Life Insurance	391	406	407	129	129
5801	Vehicle Allowance	2,044	1,451	1,451	1,451	1,451
5802	Eyecare Reimbursement	930	1,005	1,176	461	461
5804	Uniform Rental	(18)	-	38	574	574
5903	Other Taxable Benefits	688	4,415	4,415	2,171	2,203
	TOTAL SALARIES AND BENEFITS	944,785	1,013,332	938,068	377,443	398,381
	SERVICES					
6005	License & Permits	59,081	25,000	35,490	62,540	62,540
6106	Other Professional Services	156,216	1,204,767	649,767	150,000	155,000
6304	Telephone	-	4,200	-	2,400	2,700
6402	Travel Expense/Reimbursement	664	1,000	-	1,600	1,600
6403	Training	289	21,000	-	8,000	8,000
6601	Postage	120	1,000	1,000	1,000	1,200
6703	Software Support/Development	447	40,394	13	10,000	11,000
6708	Special Program Expenditures	2,962	1,800	65,404	26,000	26,000
6710	Special Contractual Services	21,635	-	12,540	22,000	22,000
6802	Info Tech Service Charges	34,981	38,266	38,266	227,769	241,239
6803	City Garage Charges	17,624	18,982	18,982	20,206	23,664
6901	Printing and Binding	54	1,000	1,000	2,000	2,100
6902	Advertising	3,012	2,300	1,000	2,500	2,700
6906	Office Equip & Furn Rent	4,649	12,000	2,000	-	-
6909	Subscriptions & Memberships	865	2,000	2,000	2,000	2,100
6912	Reimbursed Expenditures	-	168,295	168,295	-	-
	TOTAL SERVICES	302,599	1,542,004	995,757	538,015	561,843
	SUPPLIES					
7001	Books & Supplies	168	-	-	3,000	3,100
7002	Office Supplies	-	-	264	2,000	2,100
7003	Awards/ Reconginition Program	-	2,100	820	1,600	1,600
7004	Uniform/Safety Clothing	-	-	-	1,500	1,700
7101	Office Equipment & Furniture	-	2,165	-	-	-
7102	Small Tools & Equipment	-	3,360	-	-	-

DEPARTMENT/DIVISION
ENGINEERING

FUND
GENERAL FUND

ORGKEY
101400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7211	Computer Components	952	7,500	7,500	7,500	-
7810	Special Departmental Supplies	1,282	21,562	21,562	40,000	-
	TOTAL SUPPLIES	2,402	36,687	30,146	55,600	8,500
	FIXED ASSETS					
8403	Street Construction	-	1,575,000	2,449,538	1,300,000	1,300,000
8404	Storm Drain Construction	-	500,000	500,000	-	-
8501	Other Betterments/Improv	-	100,000	103,499	100,000	105,000
	TOTAL FIXED ASSETS	-	2,175,000	3,053,037	1,400,000	1,405,000
	DIVISION TOTAL	1,249,786	4,767,023	5,017,008	2,371,058	2,373,724

Municipal Utilities and Engineering Department
Streets & Inspections Division

Program Description:

The Streets, Inspection & Electrical Division provides for the general maintenance and repair of 314 miles of streets and 90 miles of storm drains within the City, in addition to inspection of any construction in the public right of way conducted by outside contractors. Streets and electrical crews respond to approximately 1,000 annual calls for routine street maintenance services. Inspection staff responds to approximately 5,000 requests for inspection for private contractors and oversees approximately fifteen (15) contractors for City improvement projects,

The division also provides street cleaning and sweeping services on public roadways within the City. Cleaning actions include mechanical sweeping, debris removal, storm cleanup, and other related services. Streets are swept on a bi-monthly basis totaling 510 curb miles swept during each sweeping rotation, equating to 1,020 curb miles cleaned per month.

The division is also charged with providing for the maintenance and repair of seventy-two (72) City-owned traffic signals and approximately 5,000 City-owned street lights.

Program Objectives:

- Inspect any work conducted by contractors in the public right of way;
- Patch and repair asphalt surfaces, including potholes, utility trenches, and cracks;
- Repair and ramping of sidewalks damaged by tree roots;
- General maintenance and repair to the storm drain system, including clearing of vegetation, repairs to open and rock channels, debris removal, clearing of blockages, and general inspections;
- Operation of a weed abatement program to include shoulder grading and mowing, spraying, and removal to comply with Fire Department abatement requirements;
- Provide support to public safety departments for barricades, signs, and human resources in response to emergencies;
- Install, replace, repair, and maintain all traffic signage within the public right-of-way;
- Install, restore, and maintain all roadway markings and striping, including painted curbs, street legends, crosswalks, centerline, and lane-line stripes, and parking lot lines;
- The division's field service coordinator is responsible for oversight of the City's contracted street sweeping services;
- Service, repair, and maintain traffic signals;
- Service, repair, and maintain street lights.

Accomplishments for Fiscal Year 2021-2022:

- Inspection of construction of fifty (50) lane miles of new roadway;
- Inspection of two (2) miles of new water main installation;
- Maintained over 300 miles of streets, including potholing and skin patching, and sidewalk ramping, using 106 tons of asphalt in 326 locations;
- Swept 12,000 curb miles throughout the City;
- Removed and replaced approximately 7820 square feet of sidewalk and 506 linear feet of curb and gutter at forty-eight (48) locations;
- Completed approximately 1,720 underground service alert tickets;

- Serviced and/or repaired 524 street lights;
- Completed annual cleaning of all storm drain inlets and channels;
- Fabricated, replaced, or serviced 1294 street signs;
- Replaced twelve (12) street lights/traffic signals knocked down in traffic accidents;
- 474 labor hours eradicating illegal dumps;
- Inspection of 5,300 requests by private contractors working in the public right of way under encroachment permits;

Projects Completed:

- Replaced three storm drains in preparation for the PARIS paving program;
- Installed two (2) new traffic cabinets at Redlands/Eureka and San Mateo/Brookside;
- Worked alongside Parks and Building Maintenance staff to complete various downtown projects, including Christmas holiday decorations and lighting;
- Installed PD camera pole at Ed Hales Park;
- Worked with SBCTA on light rail signal integration;
- Hired employee for graffiti and cart retrieval;
- 2021 PMP paving program inspection;
- 2021 CIP Water Pipe Installation project inspection;
- 2021 CIP Sewer Pipeline Replacement project inspection;
- 2020 Sidewalk installation project inspection;
- 2020 Water Distribution SCADA project inspection;
- Inspection of work in the public right of way for SBCTA's Redlands Passenger Rail Project;
- Inspection of work in the public right of way for SBCTA's I-10 and University Project;
- Wastewater Treatment Plant phase IB project inspection.

DEPARTMENT/DIVISION
STREETS & INSPECTIONS

FUND
GENERAL FUND

ORGKEY
101401

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time				889,838	912,022
5101	Overtime Salaries				35,000	35,000
5201	Stand By				20,800	20,800
5301	Banked Leave Buy Back				17,595	18,878
5401	Pension Contributions				261,457	274,424
5501	FICA/Medicare				69,524	71,311
5601	Deferred Compensation				1,032	1,032
5701	Health/Dental Insurance				172,734	180,754
5702	Workers' Comp Insurance				192,543	208,177
5703	Disability Insurance				8,712	8,956
5704	Unemployment Insurance				6,857	6,857
5705	Life Insurance				995	995
5802	Eyecare Reimbursement				3,555	3,555
5803	Clothing Allowance				4,380	4,380
5804	Uniform Rental				1,825	1,825
5903	Other Taxable Benefits				4,380	4,380
	TOTAL SALARIES AND BENEFITS				1,691,227	1,753,346
	SERVICES					
6005	License & Permits				2,000	2,000
6105	Medical/Physicals				5,000	5,200
6301	Water, Sewer, Disposal				6,500	6,600
6304	Telephone				10,500	11,550
6401	Meeting & Prof Development				2,500	2,500
6402	Travel Expense/Reimbursement				3,800	3,800
6403	Training				19,000	19,000
6601	Postage				100	100
6703	Software Support/Development				65,500	11,025
6710	Special Contractual Services				780,000	819,000
6712	Landfill Tipping Charges				8,000	8,200
6901	Printing and Binding				100	100
6902	Advertising				1,000	1,000
6908	Other Rentals				15,000	20,000
6909	Subscriptions & Memberships				1,000	1,000
	TOTAL SERVICES				920,000	911,075
	SUPPLIES					
7002	Office Supplies				2,500	2,700
7003	Awards/Recognition Program				3,000	3,000
7004	Uniform/Safety Clothing				14,000	15,000
7101	Office Equipment & Furniture				500	500
7102	Small Tools & Equipment				11,000	12,000

DEPARTMENT/DIVISION
STREETS & INSPECTIONS

FUND
GENERAL FUND

ORGKEY
101401

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SUPPLIES (CONT.)					
7204	Building/Grounds Maintenance				1,500	1,500
7206	Vehicle Maintenance				3,000	3,000
7208	Repair/Maintenance Supplies				190,000	200,000
7209	Janitorial Supplies				1,500	1,500
7211	Computer Components				8,800	-
7804	Medical Supplies				300	300
7807	Food				1,000	1,000
7810	Special Departmental Supplies				26,000	27,000
	TOTAL SUPPLIES				263,100	267,500
	FIXED ASSETS					
8706	All Other Equipment				650,000	-
8801	Capital Lease				338,538	338,538
	TOTAL FIXED ASSETS				988,538	338,538
	DEBT SERVICE					
9001	Principal				82,938	83,914
9101	Interest				10,014	9,038
	TOTAL DEBT SERVICE				92,952	92,952
	DIVISION TOTAL				3,955,817	3,363,411

Please note: *This division was formerly under Facilities and Community Services, orgkey 101304. This change is reflected in Fiscal Year 2022-23 and forward.*

DEPARTMENT/DIVISION
ELECTRICAL

FUND
GENERAL FUND

ORGKEY
101402

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time				55,897	58,624
5101	Overtime Salaries				4,000	4,000
5301	Banked Leave Buy Back				1,251	1,314
5401	Pension Contributions				16,096	17,305
5501	FICA/Medicare				4,597	4,809
5701	Health/Dental Insurance				1,529	1,605
5702	Workers' Comp Insurance				5,533	5,982
5703	Disability Insurance				613	644
5704	Unemployment Insurance				434	434
5705	Life Insurance				63	63
5802	Eyecare Reimbursement				225	225
5803	Clothing Allowance				300	300
5804	Uniform Rental				125	125
5903	Other Taxable Benefits				4,200	4,200
	TOTAL SALARIES AND BENEFITS				94,863	99,630
	SERVICES					
6008	State Mandated Fee				3,500	3,500
6105	Medical/Physicals				500	500
6304	Telephone				2,400	2,700
6307	Electricity & Gas				700	716
6311	Elec Service-CA Traffic Sgl				15,750	16,537
6312	Elec Service-City Traffic Sgl				44,100	46,305
6314	Elec Service-SCE Street Light				10,500	11,025
6315	Electric Service-Street Light				388,500	407,925
6316	Elec Service-State Str Light				24,150	25,357
6402	Travel Expense/Reimbursement				250	250
6403	Training				1,000	1,200
6710	Special Contractual Services				555,000	582,750
6902	Advertising				500	500
6904	Land and Building Rent				10,500	11,000
	TOTAL SERVICES				1,057,350	1,110,265
	SUPPLIES					
7002	Office Supplies				500	500
7003	Awards/Recognition Prgm				500	500
7004	Uniform/Safety Clothing				600	600
7102	Small Tools & Equipment				2,000	2,000
7205	Machinery & Equip. Maint.				11,000	12,000
7208	Repair/Maintenance Supplies				145,000	150,000
7209	Janitorial Supplies				50	50
7210	Building Supplies				500	500
7211	Computer Components				1,000	1,000
7804	Medical Supplies				100	100
7807	Food				250	250
7810	Special Departmental Supplies				8,000	9,000
7901	Non-Capital Expenditures				140,000	-
	TOTAL SUPPLIES				309,500	176,500

DEPARTMENT/DIVISION
ELECTRICAL

FUND
GENERAL FUND

ORGKEY
101402

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8706	All Other Equipment				75,000	80,000
	TOTAL FIXED ASSETS				75,000	80,000
	DEBT SERVICE					
9001	Principal				17,007	17,007
9101	Interest				6,494	6,494
	TOTAL DEBT SERVICE				23,501	23,501
	DIVISION TOTAL				1,560,214	1,489,896
	DEPARTMENT TOTAL	1,249,786	4,767,023	5,017,008	7,887,089	7,227,031

Please note: *This division was formerly under Facilities and Community Services, orgkey 101302. This change is reflected in Fiscal Year 2022-23 and forward.*

DEPARTMENT/DIVISION
ENGINEERING GRANTS

FUND
GOVERNMENTAL GRANT FUND

ORGKEY
200400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	952	127,207	75,500	-	-
5401	Pension Contributions	265	-	-	-	-
5501	FICA/Medicare	73	-	-	-	-
5701	Health/Dental Insurance	153	-	-	-	-
5702	Workers' Comp Insurance	14	-	-	-	-
5703	Disability Insurance	9	-	-	-	-
5705	Life Insurance	1	-	-	-	-
	TOTAL SALARIES AND BENEFITS	1,467	127,207	75,500	-	-
	SERVICES					
6106	Other Professional Services	126,103	76,000	175,407	-	-
6912	Reimbursed Expenditures	(34,220)	(22,135)	(22,135)	-	-
	TOTAL SERVICES	91,883	53,865	153,272	-	-
	FIXED ASSETS					
8301	Construction In Progress	930	-	-	-	-
8501	Other Betterments/Improv	294,300	5,027,104	5,229,404	-	-
	TOTAL FIXED ASSETS	295,230	5,027,104	5,229,404	-	-
	DEPARTMENT TOTAL	388,580	5,208,176	5,458,176	-	-

DEPARTMENT/DIVISION
LOCAL TRANSPORTATION

FUND
LOCAL TRANSPORTATION FUND

ORGKEY
209400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6802	Info Tech Service Charges	753	-	-	-	-
6912	Reimbursed Expenditures	45,684	112,286	112,286	-	-
	TOTAL SERVICES	46,437	112,286	112,286	-	-
	SUPPLIES					
7810	Special Departmental Supplies	6,350	17,336	6,653	-	-
	TOTAL SUPPLIES	6,350	17,336	6,653	-	-
	FUND TOTAL	52,787	129,622	118,939	-	-

DEPARTMENT/DIVISION
MEASURE I (2010)

FUND
MEASURE I FUND (2010)

ORGKEY
210400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6804	General Govt Service Charge	14,168	14,495	14,495	15,740	16,527
	TOTAL SERVICES	14,168	14,495	14,495	15,740	16,527
	FUND TOTAL	14,168	14,495	14,495	15,740	16,527

DEPARTMENT/DIVISION

PAVEMENT ACCELERATED REPAIR IMPLEMENTATION STRATEGY (PARIS)

FUND
PARIS

ORGKEY
211400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	250,063	345,624	258,866	251,315	257,461
5002	Salaries: Part-Time	265	-	-	-	-
5101	Overtime Salaries	4,415	3,000	3,000	3,000	3,000
5201	Stand By	240	-	-	-	-
5202	Holiday Pay	2,245	-	1,386	-	-
5203	Bonus	291	-	-	-	-
5204	Accrual Payout	7,365	-	3,166	-	-
5301	Banked Leave Buy Back	2,544	10,827	4,556	9,320	10,096
5401	Pension Contributions	70,350	100,954	71,607	83,428	87,877
5501	FICA/Medicare	20,359	26,671	20,311	21,297	22,046
5601	Deferred Compensation	3,037	4,319	9,216	3,826	3,858
5701	Health/Dental Insurance	22,481	28,946	21,603	18,502	18,964
5702	Workers' Comp Insurance	2,719	-	-	-	-
5703	Disability Insurance	670	743	722	732	740
5704	Unemployment Insurance	233	1,519	1,367	1,172	1,172
5705	Life Insurance	156	221	164	170	170
5802	Eyecare Reimbursement	56	788	788	608	608
5803	Clothing Allowance	165	255	225	225	225
5804	Uniform Rental	5	-	19	94	94
5903	Other Taxable Benefits	245	5,676	5,676	4,879	4,910
	TOTAL SALARIES AND BENEFITS	387,904	529,543	402,672	398,568	411,221
	SERVICES					
6106	Other Professional Services	-	-	12,000	-	-
6804	General Govt Service Charge	23,091	23,091	23,091	25,654	26,937
6902	Advertising	482	-	-	-	-
	TOTAL SERVICES	23,573	23,091	35,091	25,654	26,937
	SUPPLIES					
7810	Special Departmental Supplies	483	10,000	8,000	9,000	9,500
	TOTAL SUPPLIES	483	10,000	8,000	9,000	9,500
	DIVISION TOTAL	411,960	562,634	445,763	433,222	447,658

DEPARTMENT/DIVISION

PAVEMENT ACCELERATED REPAIR IMPLEMENTATION STRATEGY (PARIS)

FUND
PARIS

ORGKEY
211910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	4,690	90,310	90,310	50,000	52,000
6710	Special Contractual Services	-	50,000	50,000	50,000	52,000
6901	Printing and Binding	-	2,000	2,000	2,000	2,200
6902	Advertising	-	482	482	-	-
	TOTAL SERVICES	4,690	142,792	142,792	102,000	106,200
	FIXED ASSETS					
8403	Street Construction	7,849,277	9,328,724	9,328,724	4,000,000	4,000,000
8501	Other Betterments/Improv	-	500,000	500,000	500,000	500,000
	TOTAL FIXED ASSETS	7,849,277	9,828,724	9,828,724	4,500,000	4,500,000
	DIVISION TOTAL	7,920,851	9,971,516	9,971,516	4,602,000	4,606,200
	FUND TOTAL	8,332,811	10,534,150	10,417,279	5,035,222	5,053,858

DEPARTMENT/DIVISION

TRANSPORTATION DEVELOPMENT ACT

FUND

TRANSPORTATION DEVELOPMENT ACT FUND

ORGKEY

241400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6005	License & Permits	7,050	-	-	-	-
6106	Other Professional Services	18,778	205,046	205,046	-	-
6901	Printing and Binding	690	1,810	1,810	-	-
6912	Reimbursed Expenditures	(12,625)	(258,447)	(258,447)	-	-
	TOTAL SERVICES	13,893	(51,591)	(51,590)	-	-
	FIXED ASSETS					
8405	Other Infrastructure	-	952,501	952,501	-	-
8501	Other Betterments/Improv	54,361	272,223	272,223	-	-
	TOTAL FIXED ASSETS	54,361	1,224,724	1,224,724	-	-
	FUND TOTAL	68,254	1,173,133	1,173,134	-	-

DEPARTMENT/DIVISION

PARK & OPEN SPACE DEVELOPMENT

FUND

PARK & OPEN SPACE DEVELOPMENT FUND

ORGKEY

250400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6004	Bank/Collection Agent Fees	4,029	4,029	3,846	3,658	3,463
6804	General Govt Service Charge	7,590	-	-	-	-
	TOTAL SERVICES	11,619	4,029	3,846	3,658	3,463
	FIXED ASSETS					
8501	Other Betterments/Improv	-	138,773	138,773	-	-
	TOTAL FIXED ASSETS	-	138,773	138,773	-	-
	DEBT SERVICE					
9001	Principal	60,940	62,859	62,859	64,839	66,882
9101	Interest	41,347	39,398	39,398	37,386	35,312
	TOTAL DEBT SERVICE	102,287	102,257	102,257	102,225	102,193
	FUND TOTAL	113,906	245,059	244,876	105,883	105,657

DEPARTMENT/DIVISION

PUBLIC FACILITY DEVELOPMENT

FUND

PUBLIC FACILITY DEVELOPMENT FUND

ORGKEY

251400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6804	General Govt Service Charge	6,803	20,500	20,500	20,500	20,500
	TOTAL SERVICES	6,803	20,500	20,500	20,500	20,500
	DEBT SERVICE					
9101	Interest	1,375	-	-	-	-
	TOTAL DEBT SERVICE	1,375	-	-	-	-
	FUND TOTAL	8,178	20,500	20,500	20,500	20,500

DEPARTMENT/DIVISION

ARTERIAL STREET CONSTRUCTION

FUND **ORGKEY**

ARTERIAL STREET CONSTRUCTION FUND 252400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	-	-	-	300,000	150,000
6501	Settlements/Judgments	417,483	-	-	-	-
6804	General Govt Service Charge	7,724	-	-	-	-
	TOTAL SERVICES	425,207	-	-	300,000	150,000
	FIXED ASSETS					
8501	Other Betterments/Improv	-	900,000	-	900,000	800,000
	TOTAL FIXED ASSETS	-	900,000	-	900,000	800,000
	FUND TOTAL	425,207	900,000	-	1,200,000	950,000

DEPARTMENT/DIVISION
TRAFFIC SIGNALS

FUND
TRAFFIC SIGNALS FUND

ORGKEY
253400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	-	100,000	50,000	100,000	100,000
6804	General Govt Service Charge	507	-	-	-	-
	TOTAL SERVICES	507	100,000	50,000	100,000	100,000
	FIXED ASSETS					
8501	Other Betterments/Improv	-	500,000	550,000	600,000	-
	TOTAL FIXED ASSETS	-	500,000	550,000	600,000	-
	FUND TOTAL	507	600,000	600,000	700,000	100,000

DEPARTMENT/DIVISION
FREEWAY INTERCHANGES

FUND
FREEWAY INTERCHANGES FUND

ORGKEY
254400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	41,776	-	-	-	-
6804	General Govt Service Charge	5,169	-	-	-	-
	TOTAL SERVICES	46,945	-	-	-	-
	FIXED ASSETS					
8403	Construction in Progress	890,496	-	-	-	-
8501	Other Betterments/Improvements	-	2,309,591	2,309,591	-	-
	TOTAL FIXED ASSETS	890,496	2,309,591	2,309,591	-	-
	FUND TOTAL	937,441	2,309,591	2,309,591	-	-

DEPARTMENT/DIVISION

STORM DRAIN CONSTRUCTION

FUND

STORM DRAIN CONSTRUCTION FUND

ORGKEY

405400

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	-	10,000	10,000	570,000	-
6708	Special Program Expenditures	-	1,200	1,200	1,500	1,700
6804	General Govt Service Charge	7,538	5,097	5,097	5,535	5,812
	TOTAL SERVICES	7,538	16,297	16,297	577,035	7,512
	FIXED ASSETS					
8404	Storm Drain Construction	-	900,000	-	1,980,000	400,000
	TOTAL FIXED ASSETS	-	900,000	-	1,980,000	400,000
	FUND TOTAL	7,538	916,297	16,297	2,557,035	407,512

Municipal Utilities and Engineering Department
Water Division

Program Description:

The water utility produces and distributes water through approximately 23,500 water service lines to approximately 77,800 customers within its service area. Generally, the service area includes the City of Redlands, a small portion of the City of Loma Linda, and unincorporated areas of the county (Mentone and Crafton areas), as well as the San Bernardino County Donut Hole area. The City's average daily water consumption is 20 million gallons per day (mgd), which peaks at a maximum of 35 mgd in the summer. The average consumption per capita is approximately 170 gallons per day. The water utility operates and maintains approximately 384 miles of potable pipelines, within seven pressure zones and two sub-zones, and provides a maximum storage capacity of 54.5 million gallons. Water division employees operate approximately 3,500 fire hydrants, eighteen (18) reservoirs, two surface water treatment plants, one perchlorate treatment plant, four engineered blending sites, twenty-two (22) active potable groundwater production wells, and fourteen (14) booster station facilities. The City also has two interconnections established with Loma Linda and Western Heights which allows for supplemental water delivery, when needed.

The water budget includes all expenses required to operate and maintain the entire system, including production, treatment and distribution, regulatory compliance, utility billing services, and water conservation.

Program Objectives:

- Provide a safe, reliable drinking water supply that meets or exceeds all water quality requirements;
- Deliver water in a fiscally responsible manner;
- Publish an annual Consumer Confidence Report to educate the public about drinking water quality and water sources;
- Promote water conservation awareness and practices;

Accomplishments in Fiscal Year 2021-22:

- Replaced approximately four (4) miles of aging water distribution mainlines;
- Received 2021 Climate Impact Award and $61,228 of incentive rebates for participation in the energy demand response program;
- SCADA system upgrade – fourteen (14) sites;
- Rehabilitated five (5) potable wells & two (2) booster pumps
- Completed Water System Infrastructure Condition, Structural, and Seismic Assessment;

DEPARTMENT/DIVISION
WATER-OPERATIONS

FUND
WATER FUND

ORGKEY
501900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	3,947,148	4,522,677	3,684,287	4,399,954	4,560,621
5002	Salaries: Part-Time	33,607	73,244	28,108	85,702	89,987
5101	Overtime Salaries	187,439	200,000	235,125	235,000	235,000
5201	Stand By	99,287	95,000	91,100	50,000	50,000
5202	Holiday Pay	107,312	-	83,504	-	-
5203	Bonus	1,492	-	-	-	-
5204	Accrual Payout	56,773	-	124,284	-	-
5301	Banked Leave Buy Back	88,131	105,185	85,901	94,934	110,090
5401	Pension Contributions	1,324,971	1,318,761	1,084,719	1,158,686	1,214,114
5501	FICA/Medicare	340,766	358,526	312,639	314,101	322,622
5601	Deferred Compensation	22,852	15,386	48,732	7,001	7,063
5701	Health/Dental Insurance	703,413	740,917	625,275	657,221	681,884
5702	Workers' Comp Insurance	138,436	160,347	160,347	249,034	269,254
5703	Disability Insurance	36,903	36,428	34,137	38,699	39,748
5704	Unemployment Insurance	6,164	29,882	33,585	28,058	28,058
5705	Life Insurance	3,699	4,066	3,382	3,749	3,749
5801	Vehicle Allowance	420	360	605	605	605
5802	Eyecare Reimbursement	4,666	14,491	14,491	13,388	13,388
5803	Clothing Allowance	11,708	17,136	17,136	16,620	16,620
5804	Uniform Rental	2,156	-	4,702	6,925	6,925
5901	Compensated Absences Expense	(99,268)	-	2,327	-	-
5903	Other Taxable Benefits	3,638	39,300	39,300	28,946	29,008
	TOTAL SALARIES AND BENEFITS	7,021,713	7,731,706	6,713,686	7,388,623	7,678,736
	SERVICES					
6005	License & Permits	112,646	214,700	214,700	181,200	210,250
6006	Taxes	8,450	15,000	15,000	10,000	11,000
6007	Penalties and Interest	68	-	-	-	-
6008	State Mandated Fees	4,309	8,000	8,000	7,500	8,500
6102	Legal Services					
6105	Medical/Physicals	1,841	5,000	5,000	5,000	5,500
6106	Other Professional Services	114,129	714,193	714,193	512,500	377,500
6301	Water Wastewater Refuse	5,495	7,500	7,500	8,000	8,500
6302	City Water	517,875	682,500	682,500	700,000	725,000
6304	Telephone	53,565	12,600	39,975	55,000	60,500
6306	Water Recharge	126,319	-	152,415	200,000	550,000
6307	Electricity & Gas	570,203	450,000	468,140	468,140	468,140
6308	Elec Service-Facility Ops	1,454,791	2,050,000	2,050,000	2,152,500	2,260,125
6310	Gas Service - Facility Ops	784	1,000	1,000	1,000	1,000
6313	Service for Facility Ops	20,472	77,297	77,297	77,297	77,297
6401	Meeting & Prof Development	1,863	14,000	14,000	10,500	14,000
6402	Travel Expense/Reimbursement	1,136	5,000	5,000	6,500	7,000
6403	Training	59,198	29,000	29,000	66,000	66,000

DEPARTMENT/DIVISION
WATER-OPERATIONS

FUND
WATER FUND

ORGKEY
501900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES (CONT.)					
6505	Retiree Health Insurance	945,031	850,000	850,000	892,500	937,125
6601	Postage	7,408	15,000	15,000	15,500	16,000
6703	Software Support/Development	181,936	228,506	228,506	136,500	136,500
6706	Energy for Treatment	60,906	70,000	70,000	70,000	70,000
6707	Stock Assessment	1,035,175	1,100,000	1,100,000	1,000,000	1,100,000
6708	Special Program Expenditures	19,056	87,089	87,089	38,500	38,500
6709	Conservation Rebate	8,745	25,000	25,000	25,000	30,000
6710	Special Contractual Services	252,748	745,167	745,167	1,337,300	1,202,300
6712	Landfill Tipping Charges	-	1,000	1,000	1,500	1,700
6801	City Attorney Legal Service	44,200	44,841	44,841	40,729	42,932
6802	Info Tech Service Charges	899,296	990,370	990,370	82,480	885,955
6803	City Garage Charges	680,103	649,976	649,976	776,582	909,505
6804	General Govt Service Charge	1,524,402	1,589,992	1,589,992	1,417,324	1,488,190
6805	Billing Services	625,000	450,000	450,000	850,000	950,000
6901	Printing and Binding	9,782	10,000	10,000	10,600	10,800
6902	Advertising	8,509	11,000	11,000	12,000	13,000
6903	Janitorial Services	8,789	41,200	41,200	41,200	41,200
6904	Land and Building Rent	2,599	5,000	5,000	5,000	5,000
6905	Clothing and Linen Rent	27,970	40,000	58,000	42,500	42,500
6906	Office Equip & Furn Rent	6,089	5,000	5,000	5,000	5,500
6908	Other Rentals	22,676	50,000	50,000	76,500	80,500
6909	Subscriptions & Memberships	15,613	13,000	13,000	17,850	18,050
6911	Bad Debt Expense	20,475	-	-	-	-
6914	Depreciation Expense	3,723,496	-	-	-	-
	TOTAL SERVICES	13,183,148	11,307,931	11,523,861	11,355,702	12,875,569
	SUPPLIES					
7001	Books & Supplies	301	1,500	1,500	1,000	1,200
7002	Office Supplies	11,670	25,000	25,000	26,250	26,250
7003	Awards/Recognition Prgm	-	6,100	6,100	6,100	6,100
7004	Uniform/Safety Clothing	32,818	36,000	36,000	30,000	35,000
7101	Office Equipment & Furniture	27,499	16,349	16,349	32,000	15,000
7102	Small Tools & Equipment	25,214	59,120	59,120	71,500	71,500
7201	Hardware Maint/Replace	65	-	-	-	-
7204	Building/Grounds Maintenance	32,106	161,126	161,126	160,000	205,000
7205	Machinery & Equip. Maint.	11,830	50,000	50,000	90,700	90,700
7206	Vehicle Maintenance	-	-	-	450,000	450,000
7207	Street Repairs	58,039	450,000	450,000	-	-
7208	Repair/Maintenance Supplies	724,204	1,955,997	1,955,997	2,083,500	2,107,500
7209	Janitorial Supplies	7,127	10,000	10,000	10,000	10,000
7211	Computer Components	17,297	14,921	14,921	19,500	9,700
7213	Motor Vehicle Supplies	5,661	17,497	17,497	60,000	65,000
7802	Purchased Water	262,506	550,000	539,588	-	-
7803	Chemical & Lab Supplies	211,225	470,950	470,950	458,250	475,500
7804	Medical Supplies	-	500	500	500	500
7807	Food	-	3,000	3,000	5,350	5,500
7808	Water Meters & Fittings	255,459	509,483	659,483	480,000	500,000
7810	Special Departmental Supplies	66,003	263,783	245,783	326,500	326,500
7901	Non-Capital Expenditures	4,050	-	-	-	-
	TOTAL SUPPLIES	1,753,074	4,601,326	4,722,914	4,311,150	4,400,950

DEPARTMENT/DIVISION
WATER-OPERATIONS

FUND
WATER FUND

ORGKEY
501900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8301	Construction In Progress	52,644	-	-	-	-
8501	Other Betterments/Improv	-	250,000	250,000	-	-
8502	Building Acquisitions	-	1,077,569	1,077,569	-	-
8701	Office Furniture	-	5,000	5,000	-	-
8704	Motor Vehicles	546,407	135,483	135,483	135,483	135,483
8706	All Other Equipment	-	403,846	403,846	200,000	350,000
8801	Capital Lease	-	743,284	743,284	993,284	743,284
	TOTAL FIXED ASSETS	599,051	2,615,182	2,615,182	1,328,767	1,228,767
	DIVISION TOTAL	22,556,986	26,256,145	25,575,643	24,384,242	26,184,022

DEPARTMENT/DIVISION
WATER-PROJECTS AND GRANTS

FUND
WATER PROJECTS FUND

ORGKEY
501910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	14,775	-	4,495	4,495	4,495
5401	Pension Contributions	2,943	-	1,306	1,306	1,306
5501	FICA/Medicare	1,124	-	338	338	338
5701	Health/Dental Insurance	1,452	-	713	713	713
5702	Workers' Comp Insurance	463	-	-	-	-
5703	Disability Insurance	143	-	48	48	48
5704	Unemployment Insurance	43	-	129	129	129
5705	Life Insurance	10	-	3	3	3
5804	Uniform Rental	22	-	3	3	3
	TOTAL SALARIES AND BENEFITS	20,975	-	7,035	7,035	7,035
	SERVICES					
6106	Other Professional Services	717,775	2,426,882	2,867,251	3,650,000	500,000
6703	Software Support/Development	-	-	16,072	-	-
6710	Special Contractual Services	-	600,000	600,000	-	-
6714	SWRCB Arrearage Bill Credit	-	-	535,727	-	-
6901	Printing and Binding	391	-	-	-	-
6908	Other Rentals	10,000	-	-	-	-
6912	Reimbursed Expenditures	(2,500)	-	-	-	-
	TOTAL SERVICES	725,666	3,026,882	4,019,050	3,650,000	500,000
	SUPPLIES					
7808	Water Meters & Fittings	157,052	1,593,671	1,815,000	1,815,000	1,815,000
7901	Non-Capital Expenditures	308,740	-	177,505	-	-
	TOTAL SUPPLIES	465,792	1,593,671	1,992,505	1,815,000	1,815,000
	FIXED ASSETS					
8301	Construction In Progress	3,462,720	-	-	-	-
8402	Water Infrastructure	709,196	13,563,706	13,239,140	9,384,000	20,271,000
8501	Other Betterments/Improv	-	626,899	526,899	350,000	-
8706	All Other Equipment	-	902,296	902,296	-	-
	TOTAL FIXED ASSETS	4,171,916	15,092,901	14,668,335	9,734,000	20,271,000
	DIVISION TOTAL	5,384,349	19,713,453	20,686,925	15,206,035	22,593,035

DEPARTMENT/DIVISION
WATER DEBT SERVICE

FUND
WATER DEBT SERVICE FUND

ORGKEY
501930

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6001	Fiscal Agent Fees	180	90	90	90	90
	TOTAL SERVICES	180	90	90	90	90
	DEBT SERVICE					
9001	Principal	-	815,306	815,306	835,275	855,733
9101	Interest	241,019	221,528	221,528	201,560	181,102
	TOTAL DEBT SERVICE	241,019	1,036,834	1,036,835	1,036,835	1,036,835
	DIVISION TOTAL	241,199	1,036,924	1,036,925	1,036,925	1,036,925
	FUND TOTAL	28,182,534	47,006,522	47,299,493	40,627,202	49,813,982

DEPARTMENT/DIVISION
SOURCE ACQUISITION

FUND
SOURCE ACQUISITION FUND

ORGKEY
508900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8101	Purchase Water Shares	-	-	-	50,000	50,000
	TOTAL FIXED ASSETS	-	-	-	50,000	50,000
	FUND TOTAL	-	-	-	50,000	50,000

Municipal Utilities and Engineering Department
Wastewater Division

Program Description:

The wastewater utility collects municipal wastewater from approximately 18,000 customers within the service area. Generally, the service area includes the City of Redlands, unincorporated areas of the county (Mentone and Crafton areas), and the San Bernardino County Donut Hole area. The wastewater utility includes the operation and maintenance of approximately 250 miles of sewer mainline, one sewer lift station, and a wastewater treatment plant capable of treating approximately 9.2 million gallons per day (mgd) of influent. The wastewater treatment plant, originally constructed in 1962, includes a water quality laboratory where routine regulatory compliance tests are performed. In 2004, the plant became the largest membrane bioreactor facility in the United States, producing an average of 4.0 mgd of high-quality tertiary effluent (reclaimed water).

The wastewater budget includes all expenses required to operate and maintain the entire system, including system maintenance, wastewater treatment and disposal, recycled water system operation and maintenance, laboratory operations, and wastewater regulatory compliance.

Program Objectives:

- Provide reliable wastewater collection and treatment services in a fiscally responsible manner;
- Proactively inspect collection system facilities to identify and plan wastewater system facility rehabilitation and replacement capital projects;
- Clean and maintain the entire wastewater collection system mainlines every three (3) years;
- Maintain a 24/7 Emergency Response Team to reduce the potential for Sanitary Sewer System Overflows;
- Educate residents and businesses about problems associated with fats, oils, and grease (FOG) discharges into the wastewater collection and treatment system and implement a FOG reduction program;
- Establish a regulatory compliance program and pretreatment program for significant industrial dischargers;
- Meet or exceed wastewater treatment and discharge requirements, and recycled water service regulatory requirements.

Accomplishments in Fiscal Year 2021-22:

- Industrial Waste & Recycled Water Title 22 Compliance;
- Implemented pretreatment database to assist with industrial pretreatment and recycled water use regulatory agency requirements;
- Completed review and regulatory compliance activities for existing recycled water use sites;
- Developed SOP and internal protocols for cross-connection program compliance;
- Developed work pan and completed a 6-month study to assist in the characterization of landfill waste stream and its impact on the WWTP;
- Completed three (3) year audit of Risk Management Plan for Tate Water Treatment Plant;
- Completed two (2) year audits and updates of wastewater collection system Overflow Response Plan;

- Continued work on the Industrial Pretreatment Program, sewer use ordinance, local limit study, and enforcement response plan revisions;
- Continued work on recycled water program improvements.

Wastewater Treatment Plant:

- Replaced seven (7) process pumps throughout WWTP;
- WWTP Improvement Project - Phase 1B:
    - Gas Conditioning
    - Boiler/HEX units for each digester
    - Fine Screens
- Design for WWTP Phase 2 Upgrade Project;
- Secondary clarifier rehab project;
- LF/WWTP shared waste gas flare improvement project;
- Replacement of Ferric Chloride metering pumps;
- Reline of chemical fiberglass storage tank;
- SCE WISE Program Award - $290,000 incentive and $155,000 annual energy savings.

Wastewater Collections:

- Root Control Program - 5.37 miles of sewer pipe were treated for root prevention;
- Roach Control Program - 2,315 sewer manholes were treated with Latex-Insecticidal Coating;
- Reduction of SSO’s from previous years;
- Public Outreach/Education;
- Seventy (70) sewer main spot repairs were made to the Collection System as a result of sewer inspections;
- Adjusted sewer manhole frames and covers;
- Addition of a Line Maintenance Worker;
- Cleaned over 122 miles of sewer pipe;
- Inspected over forty-four (44) miles of sewer pipe;

Joint Utilities Laboratory

- Preparation for maintaining laboratory accreditation as state regulations change;
- Successfully passed all annual proficiency testing for water pollutants and water quality (Wastewater and Drinking Water);
- Implemented a new data reporting system (CLIP) mandated by the California Water Resource Control Board;
- Replaced aging laboratory testing and analysis equipment;
- Ivan Pedraza - Third place in the CWEA's Laboratory Analyst of the year;
- Completed first TNI pre-assessment.

DEPARTMENT/DIVISION
WASTEWATER SERVICE

FUND
WASTEWATER SERVICE FUND

ORGKEY
521900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	2,196,807	2,467,877	2,209,770	2,925,566	3,045,826
5002	Salaries: Part-Time	39,075	48,496	23,396	32,702	34,337
5101	Overtime Salaries	126,179	140,000	110,188	140,000	140,000
5201	Stand By	71,751	56,000	77,597	56,000	56,000
5202	Holiday Pay	77,931	-	66,321	-	-
5203	Bonus	1,296	-	-	-	-
5204	Accrual Payout	32,892	-	54,695	-	-
5301	Banked Leave Buy Back	49,421	63,726	37,824	42,684	44,949
5401	Pension Contributions	736,607	719,590	670,440	643,452	678,396
5501	FICA/Medicare	194,509	196,078	192,249	171,229	176,514
5601	Deferred Compensation	17,689	12,661	32,922	8,197	8,271
5701	Health/Dental Insurance	347,944	346,201	342,090	305,101	317,767
5702	Workers' Comp Insurance	75,962	87,985	87,985	77,243	83,515
5703	Disability Insurance	19,119	16,872	19,406	18,236	18,736
5704	Unemployment Insurance	3,328	15,542	18,056	13,714	13,714
5705	Life Insurance	1,914	2,055	2,001	1,855	1,855
5801	Vehicle Allowance	120	420	420	420	420
5802	Eyecare Reimbursement	3,027	7,304	7,304	6,626	6,626
5803	Clothing Allowance	6,486	7,716	7,716	7,380	7,380
5804	Uniform Rental	1,087	-	2,931	3,075	3,075
5901	Compensated Absences Expense	(55,686)	-	-	-	-
5903	Other Taxable Benefits	2,595	39,400	39,400	22,751	22,824
	TOTAL SALARIES AND BENEFITS	3,950,053	4,227,923	4,002,711	4,476,231	4,660,205
	SERVICES					
6005	License & Permits	140,259	226,450	127,000	184,300	208,000
6006	Taxes	-	8,000	-	6,000	6,000
6007	Penalties and Interest	10	-	4	-	-
6105	Medical/Physicals	903	1,350	350	6,650	1,650
6106	Other Professional Services	191,139	574,050	205,500	277,000	276,500
6301	Water Wastewater Refuse	21,237	24,600	11,000	12,000	12,000
6304	Telephone	21,338	4,200	14,000	12,000	12,000
6308	Elec Service-Facility Ops	946,689	946,000	800,000	850,000	850,000
6401	Meeting & Prof Development	4,830	13,650	13,650	7,200	7,200
6402	Travel Expense/Reimbursement	-	5,000	5,000	8,100	8,100
6403	Training	41,854	25,000	25,000	25,200	25,200
6501	Settlements/Judgments	1,062	100,000	100,000	100,000	100,000
6505	Retiree Health Insurance	352,527	400,000	400,000	400,000	400,000
6601	Postage	8,947	10,000	10,000	6,000	6,000
6703	Software Support/Development	4,853	74,800	74,800	83,700	109,000
6708	Special Program Expenditures	7,068	12,000	12,000	9,000	9,000
6710	Special Contractual Services	916,819	1,924,893	1,924,893	1,943,500	1,943,500
6712	Landfill Tipping Charges	905	-	456	-	-
6801	City Attorney Legal Service	13,260	13,553	13,553	13,553	13,553
6802	Info Tech Service Charges	407,481	448,248	448,248	319,984	344,231
6803	City Garage Charges	190,162	204,855	204,855	242,296	283,769
6804	General Govt Service Charge	807,506	856,534	856,534	620,863	651,906
6805	Billing Services	187,500	180,500	180,500	300,000	450,000

DEPARTMENT/DIVISION
WASTEWATER SERVICE

FUND
WASTEWATER SERVICE FUND

ORGKEY
521900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES (CONT.)					
6901	Printing and Binding	12,310	5,000	5,000	5,000	5,000
6902	Advertising	1,244	5,000	5,000	5,000	5,000
6903	Janitorial Services	10,360	53,700	53,700	53,700	53,700
6905	Clothing and Linen Rent	17,177	38,000	38,000	38,000	38,000
6906	Office Equip & Furn Rent	3,787	3,300	3,300	3,300	3,300
6908	Other Rentals	44,196	62,701	62,701	62,700	62,700
6909	Subscriptions & Memberships	8,186	15,500	15,500	20,150	20,350
6911	Bad Debt Expense	4,038	-	-	-	-
6914	Depreciation Expense	1,854,713	-	-	-	-
	TOTAL SERVICES	6,222,360	6,236,884	5,610,544	5,615,196	5,905,659
	SUPPLIES					
7001	Books & Supplies	453	1,500	1,500	1,350	1,350
7002	Office Supplies	13,821	17,500	23,926	17,500	17,500
7003	Awards/Recognition Prgm	-	2,600	2,600	2,600	2,600
7004	Uniform/Safety Clothing	23,086	36,000	36,000	43,000	45,000
7101	Office Equipment & Furniture	5,028	331	1,283	2,000	2,000
7102	Small Tools & Equipment	47,824	52,880	48,000	51,500	51,500
7204	Building/Grounds Maintenance	8,141	29,000	29,000	75,000	76,000
7205	Machinery & Equip. Maint.	86,071	195,900	195,900	207,700	208,500
7208	Repair/Maintenance Supplies	615,896	1,068,300	1,068,300	1,113,000	1,113,000
7209	Janitorial Supplies	5,952	10,000	7,000	7,000	8,000
7211	Computer Components	7,375	11,560	11,560	11,000	15,700
7213	Motor Vehicle Supplies	-	10,000	10,000	10,000	10,000
7803	Chemical & Lab Supplies	538,276	708,162	708,162	962,800	1,054,400
7804	Medical Supplies	-	500	-	500	500
7807	Food	-	3,000	3,000	3,800	3,800
7810	Special Departmental Supplies	72,648	171,639	150,000	77,500	82,500
	TOTAL SUPPLIES	1,424,571	2,318,872	2,296,231	2,586,250	2,692,350
	FIXED ASSETS					
8502	Building Acquisitions	-	405,587	405,587	-	-
8703	Computer Equipment	-	10,000	5,000	8,000	8,000
8704	Motor Vehicles	549,578	219,464	27,000	20,000	-
8705	Laboratory Equipment	29,749	100,815	72,824	50,000	55,000
8706	All Other Equipment	35,424	30,000	30,000	-	40,000
8801	Capital Lease	-	577,709	577,709	827,709	577,709
	TOTAL FIXED ASSETS	614,751	1,343,575	1,118,120	905,709	680,709
	DIVISION TOTAL	12,211,735	14,127,254	13,027,606	13,583,386	13,938,923

DEPARTMENT/DIVISION

WASTEWATER-PROJECTS AND GRANTS

FUND

WASTEWATER PROJECTS FUND

ORGKEY

521910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	190,613	1,441,691	1,391,691	800,000	250,000
6710	Special Contractual Services	-	225,000	-	70,000	-
	TOTAL SERVICES	190,613	1,666,691	1,391,691	870,000	250,000
	SUPPLIES					
7901	Non-Capital Expenditures	247,909	24,801	24,801	-	-
	TOTAL SUPPLIES	247,909	24,801	24,801	-	-
	FIXED ASSETS					
8301	Construction in Progress	5,083,433	-	-	-	-
8401	Wastewater Infrastructure	2,541,147	10,405,737	10,244,612	3,000,000	3,000,000
8501	Other Betterments/Improv	2,200	67,448	-	70,000	-
	TOTAL FIXED ASSETS	7,626,780	10,473,185	10,244,612	3,070,000	3,000,000
	DIVISION TOTAL	8,065,302	12,164,677	11,661,104	3,940,000	3,250,000

DEPARTMENT/DIVISION
WASTEWATER DEBT SERVICE

FUND
WASTEWATER DEBT SERVICE FUND

ORGKEY
521930

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6004	Bank/Collection Agent Fees	42,398	34,332	34,332	26,064	17,590
	TOTAL SERVICES	42,398	34,332	34,332	26,064	17,590
	DEBT SERVICE					
9001	Principal	-	330,707	330,707	338,975	347,449
	TOTAL DEBT SERVICE	-	330,707	330,707	338,975	347,449
	DIVISION TOTAL	42,398	365,039	365,039	365,039	365,039
	FUND TOTAL	20,319,435	26,656,970	25,053,749	17,888,425	17,553,962

DEPARTMENT/DIVISION

WASTEWATER CAPITAL IMPROVEMENT

FUND

WASTEWATER CAPITAL IMPROVEMENT FUND

ORGKEY

529920

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	FIXED ASSETS					
8401	Wastewater Infrastructure	-	109,172	188,562	-	-
	TOTAL FIXED ASSETS	-	109,172	188,562	-	-
	FUND TOTAL	-	109,172	188,562	-	-

Municipal Utilities and Engineering Department
Non-Potable Water Division

Program Description:

The non-potable water utility produces and distributes water to an increasing number of customers to preserve precious water resources. The City encourages the use of non-potable water and requires that new developments install non-potable water facilities where non-potable water is or will become available. The City operates seven non-potable water systems, one of which is supplemented with a blend of recycled water, including twelve (12) non-potable groundwater production wells. MUED currently serves approximately 130 non-potable customers and operates and maintains fifteen (15) non-potable fire hydrants, and approximately 38 miles of non-potable pipelines.

Program Objectives:

- Provide non-potable water that meets or exceeds customer needs and all water quality requirements;
- Deliver non-potable water in a fiscally responsible manner;
- Expand non-potable system infrastructure as necessary to meet increasing demands;
- Increase public water conservation awareness.

Accomplishments in Fiscal Year 2021-22:

- Rehabilitated two (2) Non-Potable Groundwater wells;
- Completed Non-Potable Water System Master Plan.

DEPARTMENT/DIVISION
NONPOTABLE WATER

FUND
NONPOTABLE WATER FUND

ORGKEY
531900

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SALARIES AND BENEFITS					
5001	Salaries: Full-Time	59,438	64,004	59,854	61,995	62,776
5101	Overtime Salaries	3,980	4,222	2,290	4,500	4,500
5201	Stand By	271	-	339	1,000	1,000
5202	Holiday Pay	1,149	-	311	-	-
5203	Bonus	97	-	-	-	-
5204	Accrual Payout	2,221	-	23	-	-
5301	Banked Leave Buy Back	1,188	2,581	1,303	2,642	2,728
5401	Pension Contributions	17,501	18,720	14,961	17,274	17,917
5501	FICA/Medicare	5,121	4,893	4,639	4,414	4,471
5601	Deferred Compensation	641	593	674	559	569
5701	Health/Dental Insurance	6,514	5,156	6,776	4,221	4,432
5702	Workers Compensation	1,052	-	-	-	-
5703	Disability Insurance	403	339	343	322	324
5704	Unemployment Insurance	55	247	226	217	217
5705	Life Insurance	34	36	34	32	32
5802	Eyecare Reimbursement	-	128	128	113	113
5803	Clothing Allowance	8	105	105	90	90
5804	Uniform Rental	44	-	44	38	38
5901	Compensated Absences Expense	(1,384)	-	-	-	-
5903	Other Taxable Benefits	59	1,171	1,171	1,139	1,149
	TOTAL SALARIES AND BENEFITS	98,392	102,195	93,221	98,556	100,356
	SERVICES					
6106	Other Professional Services	205,411	64,000	10,000	20,000	20,000
6308	Elec Service-Facility Ops	17,551	18,267	18,267	19,200	20,200
6401	Meeting & Prof Development	14	-	-	1,000	1,000
6710	Special Contractual Services	1,200	-	-	140,000	140,000
6803	City Garage Charges	-	14,171	14,171	175	205
6804	General Govt Service Charge	7,317	7,486	7,486	8,129	8,535
6908	Other Rentals	-	5,000	5,000	5,000	6,000
6914	Depreciation Expense	2,170	-	-	-	-
	TOTAL SERVICES	233,663	108,924	54,924	193,504	195,940
	SUPPLIES					
7208	Repair/Maintenance Supplies	-	200,000	200,000	50,000	50,000
7802	Purchased Water	-	50,000	50,000	23,000	25,000
7901	Non-Capital Expenditures	91,100	-	-	-	-
	TOTAL SUPPLIES	91,100	250,000	250,000	73,000	75,000
	DIVISION TOTAL	423,155	461,119	398,145	365,060	371,296

DEPARTMENT/DIVISION

NONPOTABLE WATER-PROJECTS AND GRANTS

FUND

NONPOTABLE WATER PROJECTS FUND

ORGKEY

531910

OBJECT		2020-21 ACTUAL (AUDITED)	2021-22 ADJUSTED BUDGET	2021-22 12 MONTH ESTIMATED	2022-23 CITY MANAGER RECOMMENDED	2023-24 CITY MANAGER RECOMMENDED
	SERVICES					
6106	Other Professional Services	194,094	1,186,920	1,741,759	150,000	150,000
	TOTAL SERVICES	194,094	1,186,920	1,741,759	150,000	150,000
	SUPPLIES					
7808	Water Meters & Fittings	-	92,913	92,913	-	-
7901	Non-Capital Expenditures	59,839	44,542	114,292	44,542	44,542
	TOTAL SUPPLIES	59,839	137,455	207,205	44,542	44,542
	FIXED ASSETS					-
8402	Water Infrastructure	210,988	572,197	533,652	417,000	136,000
8706	All Other Equipment	13,018	-	-	-	-
	TOTAL FIXED ASSETS	224,006	572,197	533,652	417,000	136,000
	DIVISION TOTAL	477,939	1,896,572	2,482,616	611,542	330,542
	FUND TOTAL	901,094	2,357,691	2,880,761	976,602	701,838

Schedule of Proposed Reserves
FY 2023

Governmental Funds	Reserve	Estimated Balance 6/30/2022	Net Proposed Increase (Decrease) 2022-23	Estimated Total Reserve 6/30/2023
General Fund (101)	Contingency	9,231,885	-	9,231,885
	Set-asides:			
	Reserve for Parking Imprv.	1,944,001	-	1,944,001
	Maint: Park Facilities	100,000	-	100,000
	Maint: Buildings & Imprvs.	1,691,543	(120,000)	1,571,543
	Unfunded Mandates	1,366,037	-	1,366,037
	Capital: HVAC, IT Equip.	200,000	-	200,000
	Capital: over $50,000	1,229,290	-	1,229,290
	General Fund Vehicles	62,506	-	62,506
	Fire Equipment	408,142	-	408,142
	Animal Shelter Imprv.	25,292	-	25,292
	Sidewalk Imprv.	150,462	-	150,462
	Future Facilites	22,111,486	2,700,000	24,811,486
	Public Safety / Homelessness	2,527,356	-	2,527,356
	Total	$ 41,048,001	$ 2,580,000	$ 43,628,001
Enterprise Funds				
Water (501)	Operating	$ 2,936,131	$ -	$ 2,936,131
	Maintenance	2,612,655	-	2,612,655
	Rate Stabilization	200,000	-	200,000
	Capital	8,782,571	-	8,782,571
	Treatment Plant Capital	5,000,000	-	5,000,000
	Total	$ 19,531,357	$ -	$ 19,531,357
Solid Waste (511)	Operating	$ 171,601	$ -	$ 171,601
	Total	$ 171,601	$ -	$ 171,601
Wastewater (521)	Operating	$ 1,290,727	$ -	$ 1,290,727
	Capital Contingency	1,255,722	-	1,255,722
	Capital	548,825	-	548,825
	Treatment Plant Capital	2,824,012	-	2,824,012
	Total	$ 5,919,286	$ -	$ 5,919,286
Non-Potable (531)	Capital Contingency	$ 17,981	$ -	$ 17,981
Groves (538)	Capital	$ 298,288	$ -	$ 298,288
Internal Service Funds				
Liability Insurance (602)	Self-Insured Retention	$ 500,000	$ -	$ 500,000
Workers Comp (606)	Self-Insured Retention	$ 1,000,000	$ -	$ 1,000,000

Schedule of Proposed Reserves
FY 2024

Governmental Funds	Reserve	Estimated Balance 6/30/2023	Net Proposed Increase (Decrease) 2023-24	Estimated Total Reserve 6/30/2024
General Fund (101)	Contingency	9,231,885	-	9,231,885
	Set-asides:			
	Reserve for Parking Imprv.	1,944,001	-	1,944,001
	Maint: Park Facilities	100,000	-	100,000
	Maint: Buildings & Imprvs.	1,571,543	-	1,571,543
	Unfunded Mandates	1,366,037	-	1,366,037
	Capital: HVAC, IT Equip.	200,000	-	200,000
	Capital: over $50,000	1,229,290	-	1,229,290
	General Fund Vehicles	62,506	-	62,506
	Fire Equipment	408,142	-	408,142
	Animal Shelter Imprv.	25,292	-	25,292
	Sidewalk Imprv.	150,462	-	150,462
	Future Facilites	24,811,486	2,700,000	27,511,486
	Public Safety / Homelessness	2,527,356	-	2,527,356
	Total	$ 43,628,001	$ 2,700,000	$ 46,328,001
Enterprise Funds				
Water (501)	Operating	$ 2,936,131	$ -	$ 2,936,131
	Maintenance	2,612,655	-	2,612,655
	Rate Stabilization	200,000	-	200,000
	Capital	8,782,571	(3,500,000)	5,282,571
	Treatment Plant Capital	5,000,000	-	5,000,000
	Total	$ 19,531,357	$ (3,500,000)	$ 16,031,357
Solid Waste (511)	Operating	$ 171,601	$ -	$ 171,601
	Total	$ 171,601	$ -	$ 171,601
Wastewater (521)	Operating	$ 1,290,727	$ -	$ 1,290,727
	Capital Contingency	1,255,722	-	1,255,722
	Capital	548,825	-	548,825
	Treatment Plant Capital	2,824,012	-	2,824,012
	Total	$ 5,919,286	$ -	$ 5,919,286
Non-Potable (531)	Capital Contingency	$ 17,981	$ -	$ 17,981
Groves (538)	Capital	$ 298,288	$ -	$ 298,288
Internal Service Funds				
Liability Insurance (602)	Self-Insured Retention	$ 500,000	$ -	$ 500,000
Workers Comp (606)	Self-Insured Retention	$ 1,000,000	$ -	$ 1,000,000

Loans Outstanding
Fiscal Year 2023

	Unaudited Balance 6/30/2022	Estimated New Loans 2022-23	Estimated Repayments 2022-23	Estimated Balance 6/30/2023
General Fund (101) Loan Outstanding to:				
Public Facilities (251)	$ 7,618,587	-	-	$ 7,618,587
Water (501) Loan Outstanding to:				
Public Facilities (251)	$ 40,590	-	-	$ 40,590
Cemetery (562)	721,437	-	176,930	544,507
Total	$ 762,027	-	176,930	$ 585,097
Solid Waste (511) Loan Outstanding to:				
Aviation (564)	$ 651,409	-	97,303	$ 554,106

Loans Outstanding
Fiscal Year 2024

	Unaudited Balance 6/30/2023	Estimated New Loans 2023-24	Estimated Repayments 2023-24	Estimated Balance 6/30/2024
General Fund (101) Loan Outstanding to:				
Public Facilities (251)	$ 7,618,587	-	-	$ 7,618,587
	-			
	-			
Water (501) Loan Outstanding to:	-			
Public Facilities (251)	$ 40,590	-	-	$ 40,590
Cemetery (562)	544,507	-	177,753	366,754
Total	$ 585,097	-	177,753	$ 407,344
Solid Waste (511) Loan Outstanding to:				
Aviation (564)	$ 554,106	-	103,846	$ 450,260

Attachment D

City of Redlands
Adopted Budget Summary
Summary of 2023 Financial Sources and Requirements

		SOURCES					REQUIREMENTS				
		Beginning Fund Balance/ Cash Balance	Revenues	Inter-Fund Transfers From	Other*	TOTAL	Appropriations	Inter-Fund Transfers To	Other*	TOTAL	Ending Fund Balance/ Cash Balance
101	General Fund	$ 21,412,808	106,950,531	$ 2,636,093	$ 120,000	$ 131,119,431	$ 98,449,668	$ 8,280,758	2,700,000	$ 109,430,426	21,689,005
200	General Govt. Grants	225,009	-	-	-	225,009	-	-	-	-	225,009
205	Emergency Services	-	1,135,000	4,747,477	-	5,882,477	5,882,477	-	-	5,882,477	-
206	Household Haz. Waste	208,853	100,000	-	-	308,853	142,694	-	-	142,694	166,159
207	Gas Tax	434,334	3,698,006	-	-	4,132,340	-	3,698,006	-	3,698,006	434,334
209	Local Transportation	127,111	-	-	-	127,111	-	-	-	-	127,111
210	Measure I 2010	894,406	1,825,567	-	-	2,719,973	15,740	2,704,233	-	2,719,973	-
211	PARIS	469,457	-	6,447,830	-	6,917,287	5,035,222			5,035,222	1,882,065
221	Air Quality Improv.	550,443	89,000	-	-	639,443	350,418	-	-	350,418	289,025
223	Traffic Safety	-	202,000	-	-	202,000	-	202,000	-	202,000	-
227	Open Space	1,967,881	500,000	-	-	2,467,881	-	-	-	-	2,467,881
236	Downtown Business Area	49,534	151,000	-	-	200,534	152,008	-	-	152,008	48,526
237	Parking Authority	-	11,500	11,642	-	23,142	23,142	-	-	23,142	-
238	Public Art Fund	13,580	-	-	-	-	-	-	-	-	13,580
241	Trans. Dev. Act Grant	93	-	-	-	93	-	-	-	-	93
246	Asset Forfeiture	1,222,373	119,600	-	-	1,341,973	191,924	-	-	191,924	1,150,049
249	Supp. Law Enforcement	279,703	176,559	-	-	456,262	326,391	-	-	326,391	129,871
250	Park & Open Space Dvlp.	2,133,453	1,500,000	-	-	3,633,453	105,883	-	-	105,883	3,527,569
251	Public Facilities Develop.	1,658,882	1,120,000	-	-	2,778,882	20,500	-	-	20,500	2,758,382
252	Arterial Street Construction	3,944,996	722,000	-	-	4,666,996	1,200,000	-	-	1,200,000	3,466,996
253	Traffic Signals	733,689	94,500	-	-	828,189	700,000	-	-	700,000	128,189
254	Freeway Interchanges	1,839,013	458,000	-	-	2,297,013	-	-	-	-	2,297,013
260	Street Lighting Dist. #1	17,942	25,000	-	-	42,942	21,358	-	-	21,358	21,584
261	CFD 2004-1	144,237	576,000	-	-	720,237	457,347	128,596	-	585,943	134,294
263	Landscape Maint. Dist.	-	29,000	21,639	-	50,639	50,639	-	-	50,639	-
305	General Debt Service	830,042	1,043,501	-	-	1,873,543	1,873,543	-	-	1,873,543	-
405	Storm Drain Construction	2,400,157	337,500	-	-	2,737,657	2,557,035		-	2,557,035	180,622
406	Safety/City Hall Replacement	2,710,696	-	-	-	2,710,696	-	-	-	-	2,710,696
501	Water Service	18,422,580	36,067,973	1,700,000	152,072	56,342,625	40,627,202	580,601	-	41,207,803	15,134,822
508	Source Acquisition	1,603,636	420,000	-	-	2,023,636	50,000		-	50,000	1,973,636
509	Water Capital Improvement	-	1,700,000	-	-	1,700,000	-	1,700,000	-	1,700,000	-
511	Solid Waste Service	8,414,727	19,785,000	823,981	60,000	29,083,708	20,380,295	2,326,206	-	22,706,501	6,377,207
517	Calif St Landfill Closure	-	-	136,500	-	136,500	-	-	136,500	136,500	-
519	Solid Waste Cap. Improv.	4,118,996	495,000	-	-	4,613,996	-	823,981	-	823,981	3,790,015
521	Wastewater Service	16,165,809	10,733,000	200,771	-	27,099,580	17,888,425	241,037		18,129,462	8,970,118
529	WW Capital Improvement	2,605,861	1,520,000	-	-	4,125,861	-	200,771	-	200,771	3,925,090
531	Non-Potable Water Service	545,471	592,000	-	-	1,137,471	976,602	-	-	976,602	160,869
532	Non-Potable Capital Imprv	1,678,718	80,000	-	-	1,758,718	-	-	-	-	1,758,718
538	Groves	323,760	850,000	210,256	-	1,384,016	1,121,974	-	-	1,121,974	262,042
562	Cemetery	1,883,523	1,431,718	-	-	3,315,241	1,357,091	-	152,072	1,509,163	1,806,078
564	Aviation	266,656	458,065	-	-	724,721	410,993	-	60,000	470,993	253,728
602	Liability Self-Insurance	185,756	-	3,950,000	-	4,135,756	4,012,467	-	-	4,012,467	123,289
604	Dept of Innovation & Tech	2,222,329	6,482,507	-		8,704,836	6,854,806	-	-	6,854,806	1,850,030
606	Workers' Compensation	1,946,668	3,026,426	-	-	4,973,094	3,146,679	-	-	3,146,679	1,826,414
607	Equipment Maintenance	4,613,365	8,121,586	-	-	12,734,951	6,711,203	-	150,000	6,861,203	5,873,748
608	Utility Billing	765,613	1,818,300	-	-	2,583,913	2,146,243	-	-	2,146,243	437,669
705	Simonds Endowment	28,212	-	-	-	28,212	-	-	-	-	28,212
706	Pauline Stancliff Mem. Trust	2,387	-	-	-	2,387	-	-	-	-	2,387
810	CFD Trust	2,976,224	1,536,501	-	-	4,512,725	1,540,040	-	-	1,540,040	2,972,685
820	Successor Agency to RDA	2,008,351	518,944	-	-	2,527,295	2,527,295		-	2,527,295	--
	TOTAL (MEMO ONLY)	$ 115,047,332	$ 216,501,284	$ 20,886,189	$ 332,072	$ 352,766,876	$ 227,307,305	$ 20,886,189	$ 3,198,572	$ 251,392,066	101,374,810

* Other includes Decreases & Increases in Reserves, Loan Repayments From & To, etc. For specific detail, refer to the Financial Plans and Summaries section.

Attachment D

City of Redlands
Adopted Budget Summary
Summary of 2024 Financial Sources and Requirements

		SOURCES					REQUIREMENTS				
		Beginning Fund Balance/ Cash Balance	Revenues	Inter-Fund Transfers From	Other*	TOTAL	Appropriations	Inter-Fund Transfers To	Other*	TOTAL	Ending Fund Balance/ Cash Balance
101	General Fund	$ 21,689,006	108,744,617	$ 2,450,517	$ -	$ 132,884,140	$ 98,979,199	$ 9,511,084	2,700,000	$ 111,190,283	21,693,857
200	General Govt. Grants	225,009	-	-	-	$ 225,009	$ -	-	-	$ -	-
205	Emergency Services	-	1,135,500	5,326,446	-	6,461,946	6,461,946	-	-	6,461,946	-
206	Household Haz. Waste	166,159	100,000	-	-	266,159	148,032	-	-	148,032	118,127
207	Gas Tax	434,334	3,370,546	-	-	3,804,880	-	3,370,546	-	3,370,546	-
209	Local Transportation	127,111	-	-	-	127,111	-	-	-	-	127,111
210	Measure I 2010	-	1,837,360	-	-	1,837,360	16,527	1,820,833	-	1,837,360	-
211	PARIS	1,882,065	-	5,431,320	-	7,313,385	5,053,858			5,053,858	2,259,527
221	Air Quality Improv.	289,025	89,000	-	-	378,025	460	-	-	460	377,566
223	Traffic Safety	-	202,000	-	-	202,000	-	202,000	-	202,000	-
227	Open Space	2,467,881	500,000	-	-	2,967,881	-	-	-	-	2,967,881
236	Downtown Business Area	48,526	154,000	-	-	202,526	155,262	-	-	155,262	47,264
237	Parking Authority	--	11,500	12,799	-	24,299	24,299	-	-	24,299	-
241	Trans. Dev. Act Grant	93	-	-	-	93	-	-	-	-	93
246	Asset Forfeiture	1,150,049	119,600	-	-	1,269,649	158,582	-	-	158,582	1,111,067
249	Supp. Law Enforcement	129,871	226,500	-	-	356,371	314,405	-	-	314,405	41,966
250	Park & Open Space Dvlp.	3,527,569	1,500,000	-	-	5,027,569	105,657	-	-	105,657	4,921,913
251	Public Facilities Develop.	2,758,382	1,287,000	-	-	4,045,382	20,500	-	-	20,500	4,024,882
252	Arterial Street Construction	3,466,996	831,000	-	-	4,297,996	950,000	-	-	950,000	3,347,996
253	Traffic Signals	128,189	92,500	-	-	220,689	100,000	-	-	100,000	120,689
254	Freeway Interchanges	2,297,013	526,500	-	-	2,823,513	-	-	-	-	2,823,513
260	Street Lighting Dist. #1	21,584	25,000	-	-	46,584	21,766	-	-	21,766	24,818
261	CFD 2004-1	134,294	601,000	-	-	735,294	458,768	128,596	-	587,364	147,930
263	Landscape Maint. Dist.	-	29,000	21,839	-	50,839	50,839	-	-	50,839	-
305	General Debt Service	-	395,916	-	-	395,916	395,915	-	-	395,915	-
405	Storm Drain Construction	180,622	387,500	-	-	568,122	407,512		-	407,512	160,610
406	Safety/City Hall Replacement	2,710,696	-	-	-	2,710,696	-	-	-	-	2,710,696
501	Water Service	15,134,822	36,902,184	1,955,000	3,651,277	57,643,283	49,813,982	684,928	-	50,498,910	7,144,374
508	Source Acquisition	1,973,636	483,000	-	-	2,456,636	50,000	-	-	50,000	2,406,636
509	Water Capital Improvement	-	1,955,000	-	-	1,955,000	-	1,955,000	-	1,955,000	-
511	Solid Waste Service	6,377,207	20,772,000	823,981	60,000	28,033,188	20,150,625	2,361,919	-	22,512,544	5,520,644
517	Calif St Landfill Closure	-	-	143,325	-	143,325	-	-	143,325	143,325	-
519	Solid Waste Cap. Improv.	3,790,015	522,000	-	-	4,312,015	-	823,981	-	823,981	3,488,034
521	Wastewater Service	8,970,118	11,552,100	200,771	-	20,722,990	17,553,962	241,596		17,795,558	2,927,432
529	WW Capital Improvement	3,925,090	1,747,000	-	-	5,672,090	-	200,771	-	200,771	5,471,318
531	Non-Potable Water Service	160,869	602,000	-	-	762,869	701,838	-	-	701,838	61,031
532	Non-Potable Capital Imprv	1,758,718	85,000	-	-	1,843,718	-	-	-	-	1,843,718
538	Groves	262,042	860,000	210,256	-	1,332,298	1,151,766	-	-	1,151,766	180,532
562	Cemetery	1,806,078	1,500,912	-	-	3,306,990	1,424,669	-	151,277	1,575,946	1,731,044
564	Aviation	253,728	469,396	-	-	723,124	422,574	-	60,000	482,574	240,550
602	Liability Self-Insurance	123,289	-	4,725,000	-	4,848,289	4,603,843	-	-	4,603,843	244,446
604	Dept of Innovation & Tech	1,850,030	6,973,723	-		8,823,753	7,380,085	-	-	7,380,085	1,443,668
606	Workers' Compensation	1,826,414	3,272,153	-	-	5,098,567	3,400,905	-	-	3,400,905	1,697,662
607	Equipment Maintenance	5,873,748	9,309,244	-	-	15,182,992	7,852,132	-	150,000	8,002,132	7,180,860
608	Utility Billing	437,669	2,219,300	-	-	2,656,969	2,065,363	-	-	2,065,363	591,606
705	Simonds Endowment	28,212	-	-	-	28,212	-	-	-	-	28,212
706	Pauline Stancliff Mem. Trust	2,387	-	-	-	2,387	-	-	-	-	2,387
810	CFD Trust	2,972,685	1,549,158	-	-	4,521,843	1,553,399	-	-	1,553,399	2,968,445
820	Successor Agency to RDA	(0)	-	-	-	(0)	-	-	-	-	(0)
	TOTAL (MEMO ONLY)	$ 101,374,810	$ 222,940,209	$ 21,301,254	$ 3,711,277	$ 349,327,552	$ 231,948,669	$ 21,301,254	$ 3,204,602	$ 256,454,525	92,873,027

* Other includes Decreases & Increases in Reserves, Loan Repayments From & To, etc. For specific detail, refer to the Financial Plans and Summaries section

"A City That Works"

City Council/Successor Agency Meeting **K. 4.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of the Citywide Annual Purchase Orders for miscellaneous tools, equipment and supplies for Fiscal Year 2022-2023 (Assistant City Manager McConnell)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move to approve Annual Purchase Orders with Lowe's, Fastenal, Home Depot, and Office Depot, to provide miscellaneous tools, equipment, and supplies on a need-by-need basis for "not-to-exceed" total annual amounts as described in the chart below.

RECOMMENDATION:

Staff recommends approval of the citywide Annual Purchase Orders.

DISCUSSION:

Staff is requesting City Council approval for citywide Annual Purchase Orders with Lowe's, Fastenal, Home Depot and Office Depot to provide miscellaneous tools, equipment, and supplies on a need-by-need basis for "not-to-exceed" total annual amounts as described below:

A. Fastenal

The City will leverage "Omnia Partners, Public Sector" cooperative purchasing contract for facilities, maintenance industrial supplies and tools, offering an average of 30% discount off wholesale prices. Purchases will be done through the City's automated warehouse program. The cooperative contract agreement has been competitively solicited, evaluated, and awarded. Based on year to date purchases, savings are estimated at approximately $57,000.

B. Home Depot
The City will leverage "Omnia Partners, Public Sector" cooperative purchasing agreement with Home Depot for retail maintenance, repair and operating commodities. The City receives 5% rebate for all of its purchases. The cooperative purchasing agreement has been competitively solicited, evaluated, and awarded. Based on year to date purchases, savings are estimated at approximately $18,000.

C. Lowe's
The City will leverage "Omnia Partners, Public Sector" cooperative purchasing agreement with Lowe's, and will receive 7% discount for all of its purchases at the point of purchase. Based on year to date purchases, savings are estimated at approximately $17,000.

D. Office Depot
The City will leverage "Omnia Partners, Public Sector" cooperative purchasing agreement for office supplies with Office Depot. The City saves on average, a minimum, 10% on the majority of purchased items compared to its retail prices, as per the cooperative purchasing agreement which has been competitively solicited, evaluated and awarded. Based on year to date purchases, savings are estimated at approximately $22,500.

The following annual purchase order amounts for miscellaneous tools, services, equipment and supplies have been budgeted by each department and will be encumbered.

VENDOR	**NOT TO EXCEED AMOUNT**
Lowe's	$200,000
Home Depot	$350,000
Office Depot	$280,000
Fastenal	$250,000
TOTAL	**$1,080,000**

ALTERNATIVES:

Reject staff request for approval of Citywide Annual Purchase Orders

STRATEGIC PLAN:

Not Applicable

SUBMITTED BY:
Janice McConnell, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Dana Abramovitz-Daniel, Procurement Manager

Fiscal Impact

Fiscal Year:	2021-2022
Revenue Generating:	No
Appropriation Required Y/N:	No
Budgeted Y/N:	Yes

Discussion:

Each annual purchase order will not exceed the corresponding amounts allocated in each department's budget for those goods or services without a request for additional appropriation from City Council.

Attachments

Omnia Public Sector Contract Documents

Fastenal

Maintenance, Repair and Operations (MRO)

FASTENAL

OVERVIEW

CONTRACT DOCUMENTATION

UNIV. OF CA MRO CONTRACT

REGION 4 MRO CONTRACT

CASE STUDIES

RESOURCES

DIVERSITY INITIATIVE

FEATURED PARTNERS

U.S. Communities and National IPA, both wholly-owned subsidiaries of OMNIA Partners, have come together as OMNIA Partners, Public Sector. All public sector participants already registered with National IPA or U.S. Communities continue to have access to all contracts, with certain exceptions, in the portfolio and do not need to re-register to use a legacy National IPA, legacy U.S. Communities, or new OMNIA Partners contract. U.S. Communities and National IPA remain separate legal entities and lead agency contracts completed under each brand are effective and available for use through the contract's approved term. In the event we believe re-registration is necessary for any reason, OMNIA Partners will let you know.

REQUEST CONTRACT INFORMATION

Maintenance, Repair, Operations (MRO) Supplies and Related Services

University of California, CA

Contract Number: 2018.000208

Jul 1, 2018 to Jun 30, 2023

Executive Summary

- Executive Summary

Master Agreement Documents

- Official Signed Contract
- Contract Amendment
- Award Letter
- Multi-Award Justification

Response Evaluation

- Response Evaluation Summary

Solicitation Process

- Original RFP Document
- Proof of Publication
- Time Stamped Responses

Maintenance, Repair & Operations (MRO) Supplies

Region 4 ESC - TX

Contract Number: R192001

Initial award from April 1, 2020 through March 31, 2023 with the option to renew for two (2) additional one (1) year periods through March 31, 2025.

Executive Summary

- Executive Summary
- Pricing
- AZ Compliance Questionnaire

Master Agreement Documents

- Official Signed Contract
- Award Documents
- Award Letter

Response Evaluation

- Supplier Response to RFP
- Evaluation Summary

Solicitation Process

- Original RFP Document
- Addendum #1
- Addendum #2
- Addendum #3
- RFP Questions & Answers
- Proof of Publication
- RFP Request List
- RFP Opening Documents

Company Name: **FASTENAL**

1.0 Base Discount: **25%** (%) Minimum discount to be applied on all categories not defined below.

2.0 Please provide the percetange off list pricing for any of the categories you want to propose in the table below. The proposed discount percentages must not exceed 2 digits (i.e. 10.37% is acceptable while 10.37862% is not)

	CATEGORY	*DISCOUNT(%)
1	Adhesives, Sealants and Tape	25%
2	Appliances	25%
3	Air Filters	35%
4	Batteries	30%
5	Electrical	30%
6	Fasteners	57%
7	Hand Tools	25%
8	HVAC and Refrigeration	30%
9	Lighting, Lamps, Ballast, Fixtures	30%
10	Material Handling Repairs	25%
11	Motors	30%
12	Outdoor Equipment	25%
13	Paint, Equipment and Supplies	25%
14	Plumbing	30%
15	Pneumatics Tools	25%
16	Power Tools and Accessories	25%
17	Safety	30%
18	Security	30%
19	Welding and Soldering	25%
20	Public Safety	30%
21		
22		
23		
24		
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26		
27		
28		
29		
30		

Note:
***This Pricing discount structure (%) must comply with pricing proposed in ATTACHMENT A-1 PRICING ANALYSIS WORKBOOK.**

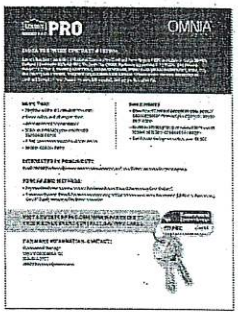
Lowe's Home Centers, Inc.

Maintenance, Repair & Operations (MRO) Supplies and Related Services

OVERVIEW
CONTRACT DOCUMENTATION
PRICING
HOW TO ORDER
CASE STUDY: CHICAGO HOUSING AUTHORITY
SOCIAL RESPONSIBILITY

U.S. Communities and National IPA, both wholly-owned subsidiaries of OMNIA Partners, have come together as OMNIA Partners, Public Sector. All public sector participants already registered with National IPA or U.S. Communities continue to have access to all contracts, with certain exceptions, in the portfolio and do not need to re-register to use a legacy National IPA, legacy U.S. Communities, or new OMNIA Partners contract. U.S. Communities and National IPA remain separate legal entities and lead agency contracts completed under each brand are effective and available for use through the contract's approved term. In the event we believe re-registration is necessary for any reason, OMNIA Partners will let you know.

Click to Download Flyer



Maintenance, Repair and Operations (MRO) Supplies & Related Services

Region 4 ESC - TX

Contract Number: R192006

Initial award from April 1, 2020 through March 31, 2023 with the option to renew for two (2) additional one (1) year periods through March 31, 2025.

Executive Summary

- Executive Summary
- Pricing
- AZ Compliance Questionnaire

Master Agreement Documents

- Official Signed Contract
- Award Documents
- Award Letter
- Contract Update 1

Response Evaluation

- Supplier Response to RFP
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Solicitation Process

- Original RFP Document
- Addendum #1
- Addendum #2
- Addendum #3
- RFP Questions & Answers
- Proof of Publication
- RFP Request List
- RFP Opening Documents

Previous Contract

- R142104

Contact Information

Email: omniapartners@lowes.com
Phone: 888-310-7791

SUPPLIER WEBSITE

Get in Touch

840 Crescent Centre Drive
Suite 600
Franklin, TN 37067

866-875-3299

info@omniapartners.com

Sign up to receive email updates from OMNIA Partners, Public Sector

First name* Last name*

Company name* Agency Type*

Email*

By providing email address(es) and/or any other personal information, as defined under applicable law, you represent that you have the authority to provide such information and acknowledge that you are agreeing to OMNIA Partners' use of your

1605 Curtis Bridge Rd.
Mail Code: A3ECS
Wilkesboro, NC 28697
Phone: 888-310-7791

Pricing

We work hard to save you money every day. And we strive to offer you low prices every time you shop. We call these Everyday Low Prices, and we do our best to provide you with the best values, whether at your local Lowe's store or online at Lowes.com. Because our online store is national in scope, you may find product or prices that differ from your local store. We make every effort to minimize those differences in order to provide you with the best possible shopping experience.

For more details, please visit https://www.lowes.com/l/everyday-low-prices.html

Example of pricing for: MFG- Disc and Category-Disc to receive up to 20% discount in Exhibit E

Lowesforpros.com (LFP) Volume Discount Example						
	Item #	Item Description	Qty	Retail	LFP Net $	% Disc.
Appliances	172183	FR 15CF TM LFHT1513LW	1	$499.00	$461.58	7.50%
	175050	FR 24-IN DISHWASHER FFBD2406NW	1	$299.00	$263.12	12.00%
	432101	WP ELEC FS RNG WFC150MLAW	1	$359.00	$333.87	7.00%
	472059	WP FL WASHER WFW8640BW	1	$999.00	$924.08	7.50%
Commodity	12140	REBAR 1/2" X 20' GRADE #40 (#4)	1	$7.47	$6.72	10.00%
	12242	19/32"X4X8 RTD SHEATHING	1	$21.23	$19.74	7.00%
	10385	CONCRETE MIX 80# QUIKRETE 1410	1	$3.95	$3.67	7.00%
	12212	7/16IN X 4FT X 8FT OSB SHEATHING	1	$7.12	$6.76	5.00%
Misc.	91812	5GL VALSPAR DURA EXT SATIN BSE 4	1	$175.00	$148.75	15.00%
	54195	24X48 CEILING PANEL FASH'TONE 942	1	$40.80	$36.72	10.00%
	219873	10 OZ ALEX PLUS WHITE	1	$2.28	$1.94	15.00%

Note: Pricing shown is for Lowe's store #0595 in Mooresville, NC; Identical orders at different Lowe's stores may have different retail and Volume Discount pricing.
Example product mix selected to show discount variation among assortment.
Example is for illustration only. Savings may not be typical. Volume Discount may not be offered on all products.

For a complete listing of Lowe's product offers, please visit www.lowesforpros.com. This represents Lowe's electronic file of catalog/product offering and pricing.

You have more reasons than ever to choose Lowe's ProSales with more than 1,700 locations and over 40,000 items in stock and 500,000+ online. Order ahead and we'll fulfill your order for in-store pick up or delivery to your location or work site.

See Addendum A for additional pricing information.

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NATIONALIPA U.S.COMMUNITIES

Maintenance, Repair and Operations (MRO) Supplies & Relates Services
Executive Summary

Lead Agency: Region 4 ESC

Solicitation: 19-20

RFP Issued: October 28, 2019

Pre-Proposal Date: November 12, 2019

Response Due Date: December 9, 2019

Proposals Received: 9

Awarded to: Lowe's ProServices

Contract # R192006

The Board of Directors of Region 4 Education Service Center (ESC) issued RFP 19-20 on October 28, 2019, to establish a national cooperative contract for Maintenance, Repair and Operations (MRO) Supplies & Related Services.

The solicitation included cooperative purchasing language in Section I. Scope of Work:

NATIONAL CONTRACT

Region 4 ESC, as the Principal Procurement Agency, defined in Appendix D, has partnered with OMNIA Partners to make the resultant contract (also known as the "Master Agreement" in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit ("Public Agencies"), through OMNIA Partners' cooperative purchasing program. The Region 4 is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a "Participating Public Agency"). Appendix D contains additional information about OMNIA Partners and the cooperative purchasing agreement.

Notice of the solicitation was sent to potential offerors, as well as advertised in the following:

- Region 4 ESC website
- OMNIA Partners, Public Sector website
- USA Today, nationwide
- Arizona Business Gazette, AZ
- San Bernardino Sun, CA
- Honolulu Star-Advertiser, HI
- The Advocate – New Orleans, LA
- New Jersey Herald, NJ
- Times Union, NY
- Daily Journal of Commerce, OR
- The State, SC
- Houston Community Newspapers, Cy Creek Mirror, TX
- Deseret News, UT
- Richmond Times, VA
- Seattle Daily Journal of Commerce, WA
- Helena Independent Record, MT

On December 9, 2019 proposals were received from the following offerors:

- Facility Solutions Group
- Fastenal Company
- W.W. Grainger, Inc.
- Hi-Line Electric., Inc.
- Kimball Midwest
- Lawson Products
- Lowe's Home Centers, LLC
- Northern Safety & Industrial
- Wesco Distribution, Inc.

The proposals were evaluated by an evaluation committee. Using the evaluation criteria established in the RFP, the committee determined that Lowes Home Centers, LLC demonstrated the ability to provide the products and services outlined in the solicitation while offering competitive pricing to members.

Region 4 ESC executed agreements with a contract effective date of April 1, 2020.

Contract Highlights:

Operates approximately 2,370 home improvement and hardware stores. Offers a range of products for maintenance, repair, remodeling. Product categories include Lumber and Building Materials; Tools and Hardware; Appliances; Fashion Fixtures; Rough Plumbing and Electrical; Lawn and Garden; Seasonal and Outdoor Living; Paint; Flooring; Millwork, and Kitchens. The Company also supports the communities that focus on K-12 public education and community improvement projects.

Contract includes:

- Over 1,700 stores nationwide to pick up materials, have Lowe's deliver or have parcel shipped.
- Committed to enhancing the economic growth of its diverse and small business suppliers. Lowe's sources suppliers who best match their needs regardless of business size or classification so they can offer a broader assortment of products at affordable prices.
- Register with Omnia Partners at: https://www.omniapartners.com/publicsector to become a member and utilize the contract at any Lowe's store in the U.S.
- Every Lowe's location will be able to scan the barcoded key fob to receive a 7% discount at point of sale; must order key fobs at: https://www.lowesforpros.com/l/government-buyer-solutions.html
- Utilize the catalog price file online, will need set up an account on www.Lowesforpros.com If an existing account, email GovernmentSupport@Lowes.com to have the file linked for their purchasing needs to receive the discount structure.
- Lowe's eProcurment - email eProSupport@lowes.com to set up an account and link the catalog price file and discount structure.

Term:

Initial three-year agreement from April 1, 2020 through March 31, 2023 with the option to renew for two (2) additional one-year periods through March 31, 2025.

Pricing/Discount:

- Walk-In: 7% discount at time of purchase
- On-Line : up to 20% discount
- eProcurement: Category discounts up to 20% off

OMNIA Partners, Public Sector Web Landing Page:

https://www.omniapartners.com/publicsector/contracts/supplier-contracts/lowes-home-centers-inc

The Home Depot

MRO & Paint Solutions

THE HOME DEPOT Pro™

REQUEST INFORMATION

Overview
Contract Documentation
Products
Flooring
Paint
Benefits & Solutions
Pricing
Shipping
Getting Started

U.S. Communities and National IPA, both wholly-owned subsidiaries of OMNIA Partners, have come together as OMNIA Partners, Public Sector. All public sector participants already registered with National IPA or U.S. Communities continue to have access to all contracts, with certain exceptions, in the portfolio and do not need to re-register to use a legacy National IPA, legacy U.S. Communities, or new OMNIA Partners contract. U.S. Communities and National IPA remain separate legal entities and lead agency contracts completed under each brand are effective and available for use through the contract's approved term. In the event we believe re-registration is necessary for any reason, OMNIA Partners will let you know.

Maintenance and Hardware Supplies

Lead Agency

Maricopa County, Phoenix, AZ

Contract Number

16154

5 year initial term, February 1, 2017 - December 31, 2021
Option to renew for (5) additional (1) year periods

Executive Summary

- Uniform Guidance

Contract Documents

- Contract No. 16154-RFP

RFP Documents

- 16154-RFP
- 16154-RFP ADDENDUM 1
- 16154 Posting Document

Response Evaluation

- AZ Compliance

Michigan School System Shines Light on Saving Energy - And Money



Byron Center Public Schools partnered with The Home Depot to update lighting throughout its system. With a new LED lighting system the school system has reduced energy usage by more than 1.5 million kilowatt hours (kWh), saved more than $170,00 over 18 months and created better visual acuity for students.

The Home Depot Fou...

CONTRACT PURSUANT TO RFP

SERIAL 16154-RFP

This Contract is entered into this 11th day of January, 2017 by and between Maricopa County ("County"), a political subdivision of the State of Arizona, and Home Depot U.S.A., Inc., a Delaware corporation ("Contractor") for the purchase of Maintenance Repair and Operating Supplies and Services.

1.0 CONTRACT TERM:

1.1 This Contract is for a term of Five (5) years, beginning on the 1st day of February, 2017 and ending the 31st day of December, 2021.

1.2 The County may, at its option and with the agreement of the Contractor, renew the term of this Contract for additional terms up to a maximum of five (5) additional years, (or at the County's sole discretion, extend the contract on a month-to-month bases for a maximum of six (6) months after expiration). The County shall notify the Contractor in writing of its intent to extend the Contract term at least sixty (60) calendar days prior to the expiration of the original contract term, or any additional term thereafter.

2.0 FEE ADJUSTMENTS:

2.1 Any request for a fee or rebate offering adjustment must be submitted sixty (60) days prior to the current Contract expiration. Requests for adjustment in cost of labor and/or materials not identified in the awarded proposal must be supported by appropriate documentation. If County agrees to the adjusted fee or rebate offering, County shall issue written approval of the change. The reasonableness of the request will be determined by comparing the request with the (Consumer Price Index) or by performing a market survey if the offering was awarded on a fixed price basis.

3.0 PAYMENTS:

3.1 As consideration for performance of the duties described herein, County shall pay Contractor the prices based on the discounts stated in Exhibit "A." or Task Order.

3.2 For non-procurement card transactions, Payment shall be made upon the County's receipt of a properly completed invoice.

3.3 INVOICES (NON-PROCUREMENT CARD TRANSACTIONS):

3.3.1 The Contractor shall submit one (1) legible copy of their detailed invoice before payment(s) can be made. Incomplete invoices will not be processed. At a minimum, the invoice must provide access to the following information:

- Company name, address and contact
- County bill-to name and contact information
- Contract Serial Number or
- County purchase order number
- Invoice number and date
- Payment terms

EXHIBIT A
PRICING

SERIAL 16154-RFP	
NIGP CODE: 45041	
RESPONDENT'S NAME:	Home Depot U.S.A., Inc.
COUNTY VENDOR NUMBER :	W000001453
ADDRESS:	2455 Paces Ferry Road
	Atlanta, GA 30339
P.O. ADDRESS:	Each local The Home Depot stores
TELEPHONE NUMBER:	866-589-0690
FACSIMILE NUMBER:	866-589-0691
WEB SITE:	www.homedepot.com
CONTACT (REPRESENTATIVE):	Richard Nyberg
REPRESENTATIVE'S E-MAIL ADDRESS:	richard_nyberg@homedepot.com

	YES
WILL ALLOW OTHER GOVERNMENTAL ENTITIES TO PURCHASE FROM THIS CONTRACT	[X]
WILL ACCEPT PROCUREMENT CARD FOR PAYMENT:	[X]

PAYMENT TERMS: [X] NET 30 DAYS (See Below)

Note: Net 30 is for Home Depot Account transactions only. Payment is required at the time of each transaction.

Note: Net 60 payment terms for Home Depot Accounts may be available upon review of a customer's account information.

1.0 PRICING:

1.1	Do you offer a Rebate in lieu of a discount			Yes
	Details of your Rebate Program			
	• **At least $10,000 to $25,000 Annual Net Sales (Pretax) = 1% Rebate**			
	• **At least $25,000 to $100,000 Annual Net Sales (Pretax) = 2% Rebate**			
	• **Over $100,000 Annual Net Sales (Pretax) = 5% Rebate**			
1.2	**Pro Rewards Paint Program**			
	Level	**Discount %**	**Minimum Annual Spend on Paint**	
	Gold	**20%**	**$ 7,500**	
	Silver	**15%**	**$ 4,000**	
	Bronze	**10%**	**$ 2,000**	
1.3	**Volume Pricing Program**			
	For any purchase over $1,500 more aggressive pricing may be available through the Volume Pricing Program.			
	For any planned order over $1,500, call in the request for quote to the ProDesk of your local The Home Depot			
	store and ask for it to be submitted for volume pricing consideration.			

Office Depot

Office Supplies, Technology and Interactive Whiteboard Solutions Products and Services, School Supplies, Furniture and Installation, Managed Print Solutions, Educational Supplies, Janitorial Supplies

OVERVIEW

CONTRACT DOCUMENTATION

OFFICE SUPPLIES - R190303 - REGION 4 ESC

SCHOOL SUPPLIES - R190502 - REGION 4 ESC

TECHNOLOGY & INTERACTIVE WHITEBOARD SOLUTIONS PRODUCTS & SERVICES

FURNITURE & INSTALLATION - R142212 - REGION 4 ESC

MANAGED PRINT SOLUTIONS - R171404 - REGION 4 ESC

JANITORIAL SUPPLIES - R162102 - REGION 4 ESC

OFFICE & EDUCATIONAL SUPPLIES - JP156810 - OREGON STATE UNIVERSITY

OFFICE SUPPLIES - CITY OF TAMARAC

OFFICE SUPPLIES - 44111513 - STATE OF FLORIDA

RESOURCES

U.S. Communities and National IPA, both wholly-owned subsidiaries of OMNIA Partners, have come together as OMNIA Partners, Public Sector. All public sector participants already registered with National IPA or U.S. Communities continue to have access to all contracts, with certain exceptions, in the portfolio and do not need to re-register to use a legacy National IPA, legacy U.S. Communities, or new OMNIA Partners contract. U.S. Communities and National IPA remain separate legal entities and lead agency contracts completed under each brand are effective and available for use through the contract's approved term. In the event we believe re-registration is necessary for any reason, OMNIA Partners will let you know.

Scroll down to view contracts competitively solicited and publicly awarded by Region 4 ESC, Oregon State University and the City of Tamarac, FL.

REQUEST CONTRACT INFORMATION

Office Supplies, Related Products and Services

Region 4 ESC - TX

Contract Number: R190303

Initial five-year award from July 1, 2019 through June 30, 2024 with the option to renew for five additional one-year (1) periods through June 30, 2029.

Executive Summary

- Executive Summary
- Pricing
- Arizona Compliance Questionnaire

Master Agreement Documents

- Official Signed Contract
- Contract Award Documents
- Award Letter
- Contract Update - Tariff Import Surcharge Fees
- Contract Update - Authorized Dealer
- Contract Update - Authorized Distributors/Dealers
- Contract Update - Authorized Distributors/Dealers

Response Evaluation

- Evaluation Documents

Solicitation Process

- Original RFP Document
- RFP Questions & Answers
- Proof of Publication
- RFP Request List
- RFP Opening Documents

Previous Contract

- R141703

Educational School Supplies

Region 4 ESC - TX

Contract Number: R190502

Initial three-year award from July 1, 2019, through June 30, 2022 with the option to renew for two additional one-year (1) periods through June 30, 2024.

Executive Summary

- Executive Summary
- Pricing
- Amazon Compliance Questionnaire

Master Agreement Documents

- Official Signed Contract
- Contract Award Documents
- Award Letter
- Contract Update - Tariff Import Surcharge Fees

Response Evaluation

- Supplier Response to RFP
- Evaluation Documents

Solicitation Process

- Original RFP Document
- RFP Questions & Answers
- Proof of Publication
- RFP Request List
- RFP Opening Documents

Previous Contract

- R141605

Technology & Interactive Whiteboard Solutions Products & Services

Region 4 ESC - TX

Contract Number: R160204

August 1, 2016 to July 31, 2021

Executive Summary

- Executive summary
- Pricing
- AZ Compliance Questionnaire

Master Agreement Documents

- Official Signed Contract
- Award Documents - Board Recommendation, Approval, and Multi-Award Justification
- Award Letter
- Contract Amendement
- 4th Year Renewal Letter
- 5th Year Renewal Letter
- Contract Update - New Authorized Dealer
- Contract Update - Discount Update on Large Single Orders
- Cohtract Update - Tariff Import Surcharge Fees
- Contract Update - Rebate Incentives

Response Evaluation

- Response Evaluation Summary

Solicitation Process

- Determination for RFP.
- Original RFP Document
- RFP Addendum 1
- RFP Questions & Answers
- Proof of Publication
- Pre-Proposal Conference Sign In Sheet
- RFP Request List
- RFP Receipt List and Time Stamped Responses
- RFP Opening Sign-In Sheet

Furniture and Installation

Region 4 ESC - TX

Contract Number: R142212

May 1, 2015, to Oct 31, 2020

Executive Summary

- Executive Summary
- Pricing

Master Agreement Documents

- Official Signed Contract
- Award Letter
- Award Recommendation
- Contract Amendement
- 4th Year Renewal Letter
- 5th Year Renewal Letter
- Contract Extension
- Contract Update - New Authorized Dealer
- Contract Update - EDGAR Documentation
- Contract Update - Tariff Import Surcharge Fees
- Contract Update - Rebate Incentives
- Contract Update - Authorized Distributors/Dealers
- Contract Update - Authorized Distributors/Dealers

Response Evaluation

Solicitation Process

- Determination for RFP
- Original RFP Document
- RFP Questions & Answers
- Proof of Publication
- RFP Request List
- RFP Receipt List and Time Stamped Responses
- RFP Opening Sign-In Sheet

Janitorial Supplies, Equipment, Maintenance and Repair

Region 4 ESC - TX

Contract Number: R162102

March 1, 2017 to February 29, 2020

Executive Summary

- Executive Summary
- Pricing

Master Agreement Documents

- Official Signed Contract
- Award Letter
- Contract Amendment
- 4th Year Renewal Letter
- Contract Update - New Authorized Dealer
- Contract Update - Tariff Import Surcharge Fees
- Contract Update - Rebate Incentives

Response Evaluation

- Vendor Proposal
- Response Evaluation Summary

Solicitation Process

- Final RFP Document
- RFP Addendum 1
- Proof of Publication
- RFQ Questions & Answers
- Bidders List
- Time Stamped Responses
- Bid Receipt List and Sign-In Sheets

Managed Print Solutions

Region 4 ESC - TX

Contract Number: R171404

March 1, 2018 to February 28, 2021

Executive Summary

- Executive Summary
- Pricing

Master Agreement Documents

- Official Signed Contract
- Award Letter
- Contract Award Documents (Board Recommendation, Approval, and Multiple Award Justification)
- Contract Amendment
- Contract Update - Tariff Import Surcharge Fees
- Contract Update - Rebate Incentives

Response Evaluation

- Response Evaluation Summary
- AZ Compliance Questionnaire

Solicitation Process

- Determination for RFP
- Original RFP Document
- RFP Addendum 1
- RFP Addendum 2
- Proof of Publication
- RFP Request List
- RFP Opening Documents (Time Stamped Responses, Response Receipt List, and RFP Opening Sign In Sheet)

Office and Educational Supplies

Oregon State University, OR

January 1, 2012 to December 31, 2023

Executive Summary

- Executive Summary

Master Agreement Documents

- Official Signed Contract
- Intent to Award Letter
- Contract Amendment 1

Response Evaluation

- Evaluation Score Sheets: 1st Stage
- Evaluation Score Sheets: 2nd Stage
- Evaluation Score Sheets: 3rd Stage

Solicitation Process

- Original RFP Document
- RFP Addenda
- Proof Addenda
- RFP Response Receipt

Office Supplies, Products and Related Services

City of Tamarac, FL

Contract Number: 19-12R

Initial award from October 14, 2019 through October 13, 2023 with the option to renew for one (1) additional four (4) year period through October 13, 2027.

Executive Summary

- Executive Summary
- Pricing
- AZ Compliance Questionnaire

Master Agreement Documents

- Official Signed Contract
- Contract Award Documents

Response Evaluation

- Supplier Response to RFP
- Evaluation Documents

Solicitation Process

- Original RFP Document
- RFP Addenda
- Proof of Publication
- RFP Request List
- RFP Opening Documents

Previous Contract

- 13-23R.pdf

There is Power in the Partnership

Valya Broyer – Director, Strategic Partnerships
Email: valya.broyer@officedepot.com
Phone: 303.704.8107
Billy Grimmett – National Program Manager - East
Email: billy.grimmett@officedepot.com
Phone: 704-236-4409

SUPPLIER WEBSITE

Get in Touch

840 Crescent Centre Drive
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Franklin, TN 37067

866-876-3299

info@omniapartners.com

Sign up to receive email updates from OMNIA Partners, Public Sector

First name* | Last name*

Company name* | Agency Type*

Email*

By providing email address(es) and/or any other personal information, as defined under applicable law, you represent that you have the authority to provide such information and acknowledge that you are agreeing to OMNIA Partners' use of your information as provided in the Terms of Use and Privacy Notice.

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OFFICE SUPPLIES, RELATED PRODUCTS AND SERVICES
Executive Summary

Lead Agency: Region 4 Education Service Center

Solicitation: RFP 19-03

RFP Issued: December 5, 2018

Pre-Proposal Date: December 18, 2018

Response Due Date: January 24, 2019

Proposals Received: #7

Awarded to: Office Depot, Inc. R190303

The Region 4 ESC Procurement Office issued RFP 19-03 on December 5, 2018 to establish a national cooperative contract for Office Supplies, Related Products and Services.

The solicitation included cooperative purchasing language in Sections I – Scope of Work:

Region 4 ESC, as the Principal Procurement Agency, defined in APPENDIX D, has partnered with OMNIA Partners to make the resultant contract (also known as the "Master Agreement" in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit ("Public Agencies"), through OMNIA Partners' cooperative purchasing program. The Region 4 ESC is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a "Participating Public Agency"). APPENDIX D contains additional information about OMNIA Partners and the cooperative purchasing agreement.

Notice of the solicitation was sent to potential offerors, as well as advertised in the following:

- Region 4 ESC website
- OMNIA Partners, Public Sector website
- USA Today, nationwide
- Arizona Business Gazette, AZ
- San Bernardino Sun, CA
- Honolulu Star-Advertiser, HI
- The Advocate – New Orleans, LA
- New Jersey Herald, NJ
- Times Union, NY
- Daily Journal of Commerce, OR
- The State, SC
- Houston Community Newspapers, Cy Creek Mirror, TX
- Deseret News, UT
- Richmond Times, VA
- Seattle Daily Journal of Commerce, WA
- Helena Independent Record, MT

On January 24, 2019 proposals were received from the following offerors:

- EPIC Business Essentials
- Gonzalez Solutions for Business
- Lamrite West, Inc.
- Office Depot, Inc.
- Quill LLC
- Rapp Productions dba FurnitureLab
- Waterlogic Americas

The proposals were evaluated by an evaluation committee. Using the evaluation criteria established in the RFP, the committee elected to recommend awards to EPIC Business Essentials, Gonzalez Solutions for Business, Office Depot, Inc. and Quill LLC. The vendors submitted comparable proposals with competitive pricing and product ranges.

On April 23, 2019 the Board of Directors of Region 4 Education Service Center (ESC) approved the multiple awards for office supplies, related product and services to EPIC Business Essentials, Gonzalez Solutions for Business, Office Depot, Inc. and Quill LLC.

The Board of Directors of Region 4 Education Service Center and OMNIA Partners, Public Sector executed the agreement with a contract effective date of July 1, 2019

Contract includes:

- Offering a wide range of products and solutions
- Customized core list capabilities, customer access to online ordering and billing solutions
- Program Incentive Rebates
- National network of retail locations

Term:

Initial five-year agreement from July 1, 2019 to through June 30, 2024 with the option to renew for five (1) additional one-year periods through June 30, 2029.

Pricing/Discount:

- Fixed Net Priced
- Web less discount pricing by category for all Non-Core in current printed Office Depot BSD and the BSD School Solutions Catalog
- Qualified Free Delivery: $50 minimum purchase

OMNIA Partners, Public Sector Web Landing Pages:
https://www.omniapartners.com/publicsector/contracts/supplier-contracts/office-depot

"A City That Works"

City Council/Successor Agency Meeting **K. 5.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of the Fire Department's continued membership in the CONFIRE Joint Use Authority for Fiscal Year 2022-2023 and pay associated annual fees in an amount not to exceed $772,675 (Fire Chief Sessler)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motion is provided:

I move to approve the Fire Department's continued membership with the CONFIRE Joint Use Authority and pay the associated annual fees in an amount not to exceed $772,675.

RECOMMENDATION:

Staff recommends that the City Council approve the Redlands Fire Department's continued membership with the CONFIRE Joint Use Authority and pay the associated annual fees in an amount not to exceed $772,675.

DISCUSSION:

In August 1990, the City Council formally approved the membership of the Redlands Fire Department to join the cities of Colton, Loma Linda, Rialto, and the County of San Bernardino Consolidated Fire Agency to form CONFIRE. The primary function of CONFIRE is to provide for a secondary public safety answering point for 9-1-1 services, fire/emergency medical dispatching, and information technology support. While the CONFIRE Joint Use Authority (JPA) agreement will apply until such time as the City of Redlands elects to discontinue participation, staff requires authorization to pay the associated fees. The projected annual service fee for Fiscal Year 2022-2023 is $772,675. This cost has been included in the Fire Department's budget.

ALTERNATIVES:

Not authorize the continuance of the Redlands Fire Department as a member of the CONFIRE Joint Use Authority.

STRATEGIC PLAN:

Priority B - Public Health and Safety

SUBMITTED BY:
Rich Sessler, Fire Chief

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Bruni Reyes, Management Analyst

Fiscal Impact

Fiscal Year:	2022-2023
Revenue Generating:	N
Appropriation Required Y/N:	N

Discussion:

The Confire JPA total annual fee for Fiscal Year 2022-2023 is $772,675. Funding has been requested in the FY 2022-2023 Fire Department Budget to cover this cost.

Attachments

Confire Agreement
FY22/23 Agency Budget Sheet

JOINT POWERS AGREEMENT

THIS AGREEMENT is entered into by and between the public agencies signatory hereto, hereinafter called "public agencies."

WITNESSETH:

WHEREAS, the signatories herein have determined that there is a need by public agencies within the East End cities of San Bernardino County, California, to establish a regional fire agency to best serve the needs of all the citizens of said public agencies; and,

WHEREAS, said public agencies have heretofore determined that the interests of the citizens of each of said public agencies can best be served by the coordinated use of public safety radio channels and centralized regional computer aided communications system; and,

WHEREAS, said public agencies recognize the mutual benefit of a centralized joint effort for the development, implementation, and subsequent operation and maintenance of such a centralized system; and,

WHEREAS, said public agencies desire to centralize and provide safety communication operations; and,

WHEREAS, said public agencies have heretofore determined that it is desirable and necessary to collectively direct the management policies and operational practices of said regional fire agency; and,

WHEREAS, the cost of developing, operating and

maintaining said centralized systems is more cost effective to such public agencies; and,

WHEREAS, said public agencies operate a cooperative program of fire protection and related functions that are mutually agreed upon; and,

WHEREAS, Title 1, Division 7, Chapter 5 of the Government Code of the State of California authorizes public agencies to enter into an agreement for the joint exercise of any power common to them; and,

WHEREAS, these public agencies possess the power to consolidate public safety communications and operational programs by the execution and implementation of this Agreement.

NOW, THEREFORE, FOR AND IN CONSIDERATION OF THE MUTUAL ADVANTAGES TO BE DERIVED THEREFROM, AND IN CONSIDERATION OF THE MUTUAL COVENANTS HEREIN CONTAINED, IT IS AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. Agency Established. Pursuant to the joint powers authorization of the California Government Code, the undersigned do hereby federate together in a cooperative agency for the joint and mutual operation of a centralized public safety communication agency and a cooperative program of fire protection and related functions, to be known as the Consolidated Fire Agencies of the East Valley, hereinafter designated as "CONFIRE," which shall be a public entity separate from the parties to the Agreement.

2. By-Laws. The Agency shall be subject to, and shall be governed by, those certain By-Laws, a copy of which is attached hereto, marked Exhibit "A" and by this reference made a part of this Agreement.

3. Purpose. The purpose of this Agreement shall be as set forth in Section 1, above, and Article I of the By-Laws. The purpose shall be accomplished and carried out in the manner set forth in the By-Laws.

4. Administration. CONFIRE, as established by this Agreement and as governed by its By-Laws, shall be the "Agency" to administer this Agreement, pursuant to joint powers provisions of the Government Code of California.

5. Membership. Each public agency signatory to this Agreement, and each additional public agency which may hereafter sign the Agreement, is a member of the Agency and is entitled to all the rights and privileges and subject to the obligations of membership, as provided in the By-Laws.

6. Withdrawal of Membership. This Agreement shall remain in full force and effect as to all member agencies for a minimum of two (2) years from and after the effective date hereof. Thereafter, any party to this Agreement may cease to be a party hereto and may withdraw from membership in the Agency upon the adoption by its legislative body of a resolution of intention to withdraw and the giving of written notice thereof to the Chairman of the Board of Directors of the Agency and to each of the other public agencies signatory

to this Agreement at least one hundred eighty (180) days prior to the end of the then current fiscal year.

7. Powers and Debts of Authority. Agency shall have the power in its own name, to make and enter into contracts, to employ agents and employees, to acquire, hold and dispose of property, real and personal, to sue and be sued in its own name, and to incur debts, liabilities or obligations necessary for the accomplishment of the purpose of this Agreement. However, the debts, liabilities, and obligations of the Agency shall not constitute any debt, liability or obligation to any of the individual public agencies which are signatory to this Agreement. The Agency shall not have the power of eminent domain nor the power to levy taxes, and its power generally shall be subject to the restrictions applicable to the Central Valley Fire Protection District.

8. Amendment. This Agreement may not be amended, except written agreement of all the parties, provided, however, that the By-Laws may be amended from time to time by the method and means provided therein.

9. Duration of Agreement. This Agreement shall continue in effect until terminated by unanimous consent of the parties or until dissolution of the Agency in the manner provided in said By-Laws. Upon such termination, or dissolution, the non-grant assets remaining, including any surplus money, shall be disposed of in proportion to contributions made. Grant funded assets shall be disposed of

in accordance with Federal and State regulations and instructions.

10. Enforcement. Agency is hereby given the power to enforce this Agreement. If suit is necessary to enforce any of the provisions hereof, including any provision of the By-Laws, the defaulting member shall pay reasonable attorney fees to the Agency as adjudicated and determined by the Court.

11. Authorization. Upon execution of this Agreement, each member shall deliver to the Agency a certified copy of a governing board action, resolution or minute order authorizing and directing the execution of this Agreement.

12. Board of Directors.

A. There is established a Board of Directors for the Agency which shall consist of a representative of the governing body of each member agency. The governing body of each member agency shall designate in writing to CONFIRE, the primary and alternate members to serve on the Board of Directors. At its annual meeting, the Board of Directors shall select one of its members to serve as Chairperson of the Board until the next annual meeting. The Chairpersonship of the Board of Directors shall rotate annually in a fixed sequence among the members.

B. The Board of Directors shall have the responsibility for the appointment of auditors, approval of new members, and approval of the annual budget and assessment schedule of the Agency, and the exercise of those powers granted to it by the

By-Laws.

C. Each public agency which is a member of the Agency shall be entitled to one (1) Director on the Board and shall be entitled to one (1) vote thereon. Such one vote may be cast only by the member agency's designated primary or alternate representative in attendance.

13. Source of Funds. Any contributions of funds by member agencies shall be apportioned based on the number of fires in each agency's jurisdiction over the immediate preceding two year period.

14. Accountability and Audits. The Agency shall be strictly accountable for all funds and shall report all receipts and disbursements, as required by Government Code Section 6505. The Treasurer of San Bernardino County shall act as treasurer and depositary for the Agency pursuant to Government Code Section 6505.5, and shall handle and have access to Agency property, under an official bond in an amount fixed by the member agencies. The Agency shall contract for a certified public accountant to perform an annual audit of the accounts and records of the Agency, and a report thereof shall be filed as public record with each of the contracting parties and with the Auditor of the County of San Bernardino within 60 days subsequent to the end of the fiscal year under examination.

15. Indemnification. Each party hereby agrees to defend, indemnify, and hold each other party, its elected

officials, officers, agents, and employees free and harmless from any and all liability or claims for personal injury, death, and property damage which may arise from the indemnifying party's negligent acts or omissions under this Agreement. None of the parties shall be held responsible or liable to any other party for any loss, damage or delay caused by accidents, strikes, lockouts, fire, flood, act of civil or military authority or by insurrection or riot or by any other cause which is beyond its control.

16. Effective Date of Agreement. This Agreement shall become effective upon its execution by the Cities of Colton, Loma Linda, Redlands, and Rialto, the Central Valley Fire Protection District and the San Bernardino County Consolidated Fire Agency. Within 30 days of said date, the Agency shall cause notice of this Agreement to be filed with the Secretary of State of California, pursuant to Government Code Section 6503.5.

IN WITNESS WHEREOF, the undersigned public agencies have set their signature on the respective dates set forth below. This document may be signed in duplicate originals.

ATTEST:

City Clerk

CITY OF REDLANDS
A Municipal Corporation

By: _____
Mayor

ATTEST:

City Clerk

CITY OF LOMA LINDA
A Municipal Corporation

By: _____
Mayor

ATTEST:

City Clerk

CITY OF COLTON
A Municipal Corporation

By: _____
Mayor

ATTEST:

City Clerk

CITY OF RIALTO
A Municipal Corporation

By: _____
Mayor

ATTEST:

Clerk of the Board of Supervisors

APPROVED AS TO FORM
DATE MAY 15 1990
Alan K. Marks, COUNTY COUNSEL
SAN BERNARDINO COUNTY CALIFORNIA
BY Paul Ste. John, DEPUTY

SIGNED AND CERTIFIED THAT A COPY OF THIS DOCUMENT HAS BEEN DELIVERED TO THE CHAIRMAN OF THE BOARD.

EARLENE SCHMAT
Clerk of the Board of Supervisors
of the County of San Bernardino

By

SAN BERNARDINO COUNTY CALIFORNIA

SAN BERNARDINO COUNTY
CONSOLIDATED FIRE AGENCY

By: Barbara Alane Griscom
Chairman, Board of Supervisors of San Bernardino County, as Governing Body of San Bernardino County Consolidated Fire Agency

AUG 13 1990

CENTRAL VALLEY FIRE PROTECTION DISTRICT

By: Barbara Alane Griscom
Chairman, Board of Supervisors of San Bernardino County, as Governing Body of Central Valley Fire Protection District

AUG 13 1990

EXHIBIT A

BY-LAWS
CONFIRE

ARTICLE I
PURPOSE

The CONSOLIDATED FIRE AGENCIES OF THE EAST VALLEY (CONFIRE) is a co-operative association voluntarily established by its members pursuant to the Joint Exercise of Powers Act of the Government Code of the State of California for the purpose of providing hardware, software, services, and other items necessary and appropriate for the establishment, operation, and maintenance of a joint centralized public safety communications system and a cooperative program of fire related functions for the mutual benefit of the members of the Agency, to provide such services on a contract basis to other governmental units, and to provide a forum for discussion, study, development and implementation of recommendations of mutual interest regarding public safety communications and related matters within member agencies. CONFIRE is sometimes hereinafter referred to as the "Agency."

ARTICLE II
POWERS

The powers of the Agency include, but are not limited to the following:

a) to enter into contracts, including the performance of services for other governmental units;

b) to employ agents and employees;

c) to acquire, lease, hold, and dispose of property, real and personal;

d) to incur debts, liabilities or obligations;

e) the purchase or lease of the equipment and machinery necessary;

f) the employment of the necessary personnel and the operation and maintenance of a communications system;

g) all powers necessary and incidental to carrying out the purpose set forth in ARTICLE I of these By-Laws; and

h) the power to sue and be sued in its own name.

ARTICLE III
PARTICIPATION

A. All governmental agencies which provide public safety services are eligible for membership of this Agency, provided the parties to the existing Agency agree and all parties sign an amended Joint Exercise of Powers Agreement.

B. Membership shall be contingent upon the execution of the Joint Powers Agreement creating and establishing this Agency and the payment by each such governmental agency of a fee to be determined and agreed upon by the majority vote of Board of Directors. The Board of Directors may, by a similar vote, impose to the terms, costs, and assessment charges as specified in the Agreement or By-Laws . All fees, costs, and assessment charges shall become the revenue of the Agency.

C. Upon becoming a member, all new members shall become subject to the same financial obligations of CONFIRE as all other members, unless otherwise specifically agreed to in the amended Joint Exercise of Powers Agreement.

ARTICLE IV
BOARD OF DIRECTORS

A. The Board of Directors shall function as set forth in Section 12 of the Joint Powers Agreement and as further set forth herein.

B. The member agency's principal or alternative representative shall serve until a successor is appointed by the appointing powers. A vacancy shall immediately occur in the office of any officer upon the resignation or death of such person holding such office, or upon his ceasing to be an officer or employee of any member government. Upon a vacancy occurring in any office, the Board of Directors may appoint a successor to fill the vacancy until the member agency represented by the officer assigns a new member to represent the governmental agency. The rotation of officers may be advanced one year before the vacancy has been filled if the Board of Directors finds this advisable.

C. The Board of Directors may establish rules governing its own conduct and procedure and have such express or implied powers which are not inconsistent with or contrary to the laws of the State of California, these By-Laws, or Agreement.

D. A quorum for the transaction of all business by such Board of Directors shall consist of a majority of the representative membership.

E. No one serving on the Board of Directors shall receive any salary or compensation from the Agency.

F. The Board, on behalf of the Agency, may accept contributions or donations and may apply for and use grants or loans of money or other property from the state, or any other governmental units, or individuals, foundations or organizations and may enter into agreements required in connection therewith and may hold, use and dispose of such monies or property in accordance with the terms of the grant, donation, loan or agreement relating thereto. However, nothing in this section should be construed to require the participation or financial obligation of any member agency without the express written authorization in the form of a resolution by its legislative body and only to the extent so authorized.

ARTICLE V
BOARD OF DIRECTOR'S MEETINGS

A. Regular public meetings, also termed General Meetings, of the Board of Directors shall be held at least twice a year at a regular date, time and place established by resolution of the Board pursuant to the provisions of Section 54954 of the Government Code. A regular meeting of the Board shall be held in the month of February at which time the Board shall consider and adopt the annual budget for the Agency for the following fiscal year. The annual meeting shall be held in September at which meeting the Board shall elect officers.

B. Special meetings of the Board of Directors may be called by its Chairperson or by the Administrative Committee by its own motion, or shall be called by the Administrative Committee upon written request by any one (1) of its members. Ten (10) days written notice of special meetings shall be given to the official representatives of each member Agency and an agenda specifying the subject of such special meeting shall accompany such notice. Business conducted at said meetings shall be limited to those items specified in the agenda. However, if deemed necessary, due to the urgent nature of the issue, the Chairperson or the administrative Committee, by its own motion, may call for an emergency meeting on a twenty-four (24) hour notice for the purpose of discussing a specific issue.

c. The date, time and location of special, and emergency, meetings of the Board of Directors shall be determined by the Chairperson of the Board of Directors. Regular, special and emergency meetings shall be held within the County of San Bernardino.

D. Notice of the regular meeting of the Board of Directors shall be given to the respective Board Member, Supervisor, Mayor, and Manager of each member Agency at least thirty (30) days prior to such meeting and an agenda for such meeting shall accompany the notice.

E. To the extent not contrary to these By-Laws, Robert's Rules of Order shall govern all meetings of the Board of Directors.

ARTICLE VI
DUTIES OF AGENCY OFFICERS

A. The officers of CONFIRE shall consist of a Chairperson, a Vice-Chairperson, a Secretary and a Treasurer. The Chairperson shall be a member of the Board of Directors.

B. In the absence of a Chairperson, or in the event of his inability or refusal to act, the Vice-Chairperson shall perform the duties of the Chairperson, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Chairperson.

C. The Coordinator of Communications shall be the Secretary to the Board of Directors, but shall be a non-voting member.

D. The Treasurer shall be the Financial Officer from the Consolidated Fire Agency. He shall be a non-voting member.

E. The Treasurer shall have the powers and duties as set forth in Section 6505 and 6505.5 of the Government Code, any other applicable provisions of State law, the Agreement, these By-Laws, or as may be established by the Board of Directors. The Treasurer shall serve the Agency without charge to the Agency, except for the administrative services charges to the Consolidated Fire Agency.

There shall be strict accountability of all funds of the Agency and a report of all receipts and disbursements as required by Section 6505 of the Government Code.

F. The Treasurer shall give a bond in the amount of $25,000 for the faithful discharge of his duties, with such surety or sureties as the Board of Directors shall determine. The Treasurer shall: (a) Have charge and custody of and be responsible for all funds, securities and assets of the Agency; receive and give receipts for monies due and payable to the Agency from any source whatsoever, and deposit all such monies in a separate fund in the name of the Agency with the County Auditor/Controller; (b) in general, perform all the duties incident to the office of Treasurer and such other duties as from time to time may be assigned to him by the Board of Directors.

G. The Secretary shall; (a) keep the minutes of the Agency meetings in one or more books provided for that purpose; (b) see that all notices are duly given in accordance with provisions of these By-Laws or as required by law; (c) be custodian of the records of the Agency; (d) in general, perform all duties as, from time to time, may be assigned to him/her by the Board of Directors.

ARTICLE VII
ADMINISTRATIVE COMMITTEE

A. There is hereby established an Administrative Committee of the Agency, which shall be organized and be responsible for functions hereinafter set forth.

B. Each public agency that is a signatory member to the Joint Powers Agreement, or an amended Joint Powers Agreement, shall be entitled to one (1) seat on the Administrative Committee for each Chief Officer or Executive of the public agency's departments which share in the CONFIRE System, and shall be entitled to one (1) vote per Chief Officer or executive thereon. Such vote may be cast only by the official representative to the Committee in physical attendance, or by the designated alternate, if such official representative is absent. No proxy votes or absentee voting will be permitted.

C. Only the Chief Officer or Executive or designated alternate may represent a participating agency on the Administrative Committee. The Chief Officer or Executive of each member government agency will designate, in writing, to CONFIRE an alternate who may serve on the Administrative Committee in the absence of such Chief Officer or Executive.

D. The Coordinator of Communications shall be the Secretary to the Administrative Committee, as a non-voting member.

E. The operations of the Agency shall be conducted under the direction and supervision of the Administrative Committee. Except as specifically excepted herein, no contract or other obligation of this Agency shall be binding unless approved or ratified by the Administrative Committee.

F. The Committee may establish rules for its own procedures and have such express or implied authority as is not inconsistent with or contrary to the laws of California, these By-Laws, or the Joint Exercise of Powers Act of the Government Code of the State of California. A quorum for the transaction of all business by the Administrative Committee shall consist of a majority of the official representatives or designated alternates of the member governmental agencies.

G. Regular meetings of the Administrative Committee shall be held as required but not less than quarterly each year. Special meetings of the Administrative Committee may be called by its Chairperson, or by a member of the Administrative Committee. The time, date and location of regular meetings of the Administrative Committee shall be determined by the Administrative Committee. The Secretary shall cause to be delivered to each member agency at lease five (5) calendar days prior to the meeting, an agenda and written notice calling a meeting of the Administrative Committee.

Meetings of the Administrative Committee must comply with the Brown Act.

H. The Administrative Committee Chairperson shall be the principal executive officer of the Agency and shall be authorized to execute documents and instruments on behalf of the Agency and in general shall perform all duties incident to the office of Chairperson and such other duties as may be prescribed by the Board of Directors. He/she shall serve a one (1) year term as Chairperson and shall be elected to that position annually by the members of the Administrative Committee.

I. The Administrative Committee shall have the authority to contract with other governmental bodies for use of CONFIRE facilities, equipment, and programs and to establish appropriate charges therefore.

J. The Administrative Committee shall have the following duties:

1) Within the limits fixed by an approved budget, the Administrative Committee shall conduct the operation of the Agency.

2) Direct the preparation of the proposed annual budget. Following approval thereof by the Administrative Committee, the proposed budget shall be submitted to the Board of Directors. After adoption of the annual budget by the Board of Directors, the Administrative Committee shall control all expenditures in accordance with such budget.

3) The Administrative Committee shall have the power to expend funds in accordance with the adopted budget.

4) At each regular meeting of the Board of Directors, the Administrative Committee shall report budget and financial transactions since the previous regular meeting.

K. The Administrative Committee shall present a full report of its activities at each regular meeting of the Board of Directors.

L. The Administrative Committee shall, as provided by the approved budget, have the authority to hire, fix the salary of, and remove the Coordinator of Communications.

ARTICLE VIII
TECHNICAL COMMITTEE

A. There is hereby established a Technical Committee which shall be organized and be responsible for functions as hereinafter set forth.

B. Each public agency that is a member of this Agency shall be entitled to one (1) seat on the Technical Committee for each public-safety department which shares in the use of the CONFIRE System, and shall be entitled to one (1) vote per member thereon. Such vote may be cast only by the official representative to the Technical Committee in physical attendance, or by the designated alternate if such official representative is absent.

C. The Chief Officer or Executive of each member agency shall appoint a representative and alternate representative to the Technical Committee.

D. The Coordinator of Communications shall chair the Technical Committee and report all significant decisions to the Administrative Committee for concurrence.

E. The Technical Committee may establish rules for its own procedures. There shall be regularly scheduled meetings held to consider all matters dealing with liaison between the Agency and department personnel, operation of the Agency, and future planning.

F. The daily operation of the Agency shall be conducted under the direction and supervision of the Coordinator of Communications; however, he/she may call emergency meetings of the Technical Committee should the need arise to meet operational requirements.

G. The Technical Committee shall provide to the Administrative Committee recommended solutions to operational problems.

H. Members of the Technical Committee, except for the Coordinator of Communications, shall serve without compensation for their services to the Agency.

ARTICLE IX
COORDINATOR OF COMMUNICATIONS

A. The Coordinator of Communications shall perform such duties as shall be delegated by the Administrative Committee.

B. The Coordinator of Communications shall attend all Administrative Committee meetings and give advice on technical matters.

C. The Coordinator of Communications shall be the Chairperson of the Technical Committee. He shall provide to the Administrative Committee recommendations from the Technical Committee on operations and problems associated with the daily operation and maintenance of the Agency.

D. The Coordinator of Communications shall review jointly with the Administrative Committee all bid specifications for the purchase of all communications equipment prior to issuance and equipment modifications by member agencies.

ARTICLE X
FINANCES

A. The fiscal year of the Agency shall end on June 30.

B. The Agency budget for the following fiscal year shall be submitted by the Coordinator of Communications to the Administrative Committee on or before January 15 of each year. The Administrative Committee shall adopt a tentative budget on or before February 1 of each year and forward the same to the Board of Directors for review. The Board of Directors shall adopt the annual budget for the Agency not later than March 1 of each year; copies shall be mailed immediately to the Chief Administrative Officer of each participating governmental agency.

C. The annual budget shall include the necessary funds with which the Agency shall obtain and maintain worker's compensation and liability insurance to fully protect the Agency and each of the member agencies. Said insurance shall be obtained and maintained in force at all times during the effective term of this Agreement.

D. The Consolidated Fire Agency shall provide administrative and support services functions to the Agency consisting of personnel administration, facility site usage, purchasing, payroll and related functions.

E. Reimbursement to the Consolidated Fire Agency for services in Paragraph D of this Article shall be based upon a cost percentage rate to be determined for the following fiscal year budget. The cost percentage rate shall be given to the Coordinator of Communications in writing from the Consolidated Fire Agency no later than the first day of December preceding the forthcoming fiscal year budget. It is stipulated that the percentage rate charged by the Consolidated Fire Agency shall not be applied to the following expense items of any approved fiscal year budget appropriation:

1) The expense of the applied percentage rate.
2) Capital Outlay or improvement items.
3) Contract Maintenance items to include telephone expense items.

F. The Administrative Committee shall recommend to the Board of Directors cost-sharing charges for all participants in the Agency in an amount sufficient to provide the funds required by the budgets. The Board of Directors shall fix membership assessments and shall advise the Chief Administrative Officer of each

participating agency thereof on or before April 1 of each year. Any participating agency whose charges have not been paid within sixty (60) days after billing shall pay interest on unpaid balance, not to exceed one percent (1%) per month. The Agency shall have the power to commence an action in its own name against any member agency in default to recover the amount of the obligation due to the Agency hereunder.

G. The amount of each participant's charges shall be determined in accordance with Paragraph H below.

H. The activities of the Agency shall be financed by a cost-sharing formula which shall require a proration among the participating agencies based on the demand percentage on the system by the agencies to be determined by the Administrative Committee and approved by the Board of Directors. Expenditures made and indebtedness incurred by the Agency relating to special equipment and services shall be paid entirely by the member agency involved. Facility and rental and/or space utilization shall be a separate item approved in the Agency's annual budget.

I. The CONFIRE System, as a computer-aided system, encompasses the computer-aided dispatch system (CAD), management information system (MIS), and the records management system (RMS). The RMS of the CONFIRE System will be located at the County Office of Management Services. RMS functional management shall be under the Coordinator of Communications, or his designated representative. The overall administration of the RMS shall be under the Coordinator of Communications' duties consistent with these By-Laws. Reimbursable costs to the Consolidated Fire Agency shall be determined by the Board of Directors in accordance with the Joint Powers Agreement and By-Laws.

ARTICLE XI
AGENCY EMPLOYEES

A. Agency employees are under the authority of the Agency. As such the Agency retains the authority to approve all benefits and privileges that may accrue to Agency employees. However, Agency employees shall be entitled to all benefits and privileges secured by Special Districts employees as provided by the Personnel Rules and Regulations of the Office of Special Districts, but subject to the approval of, and the organizational lines of authority contained within the Agency as structured by the Joint Powers Agreement and By-Laws.

B. The duties of, and the organizational authority over the Coordinator of Communications are stipulated in previous articles within these By-Laws. The Coordinator of Communications is also authorized to establish a non-management line of supervision to assist him in the day-to-day communications center operations which include delegation of certain personnel management procedures and

supervision. Therefore, non-management personnel shall follow the organizational lines of authority as defined by the Coordinator of Communications and set forth within these By-Laws.

C. Benefits and privileges of Agency employees shall be associated with the following representation units for the employees of the Office of Special Districts:

1) Coordinator of Communications. A Consolidated Fire Agency recognized Management employee. No representation.

2) Administrative Technician and all Communications employees. The same as the Special Districts recognized non-safety group.

D. Paragraph C above does not obligate the agency to recognize the representation units associated with the Office of Special Districts for any separate meet and confer matters. However, should employees exercise their rights to secure separate representation units under Employer/Employee Organizations guidelines as set forth in the Government Code of the State of California, Section 3500 et seq, and such representation units are officially recognized by the Agency, then Paragraph C et al., of this Article shall defer to that agreement between the employees and the Agency.

E. The Office of Special Districts Personnel Office shall immediately provide the Coordinator of Communications with all ratified Memoranda of Understanding (MOU) that affects employees' benefits and privileges. Upon receipt of such MOU(s) the Coordinator of Communications will request a special joint meeting of the Administrative Committee and Board of Directors for determination.

ARTICLE XII
AUDIT

The Board of Directors shall request that the Treasurer initiate an annual audit of the financial affairs of the Agency, to be made by an independent certified public accountant at the end of each fiscal year in accordance with generally accepted auditing principles and as provided in the Agreement. The annual report shall be delivered to each member agency not later than 60 days subsequent to the end of each fiscal year.

ARTICLE XIII
LIABILITY AND PROPERTY

A. Except as otherwise provided by individual contracts, the debts, liabilities, and obligations of the Agency shall not be the debts, liabilities, and obligations of the parties to the

Agreement.

B. All property, with the exception of assets funded by grant funds, acquired by the Agency shall be owned in common by the parties to the Joint Powers Agreement, in equal shares, unless otherwise determined in writing by all of the parties hereto. The Treasurer shall cause an inventory and asset account to be kept current at all times, showing the assets of the Agency. Grant funded equipment or services shall remain the property of the Grantee applicant.

C. Any contributions of equipment by any of the member governmental agencies will be assigned a value by the Administrative Committee and such value will be credited to the account of that member and be a part of and included within any distribution formula in the event of withdrawal, termination or dissolution as provided herein.

D. Each member shall have a vested interest in all capital acquisitions by the Agency in the same ratio as they are obligated to share in the cost-sharing proration. Capital acquisitions from grant funds are excluded.

ARTICLE XIV
WITHDRAWAL, TERMINATION AND DISSOLUTION

A. A member may withdraw from this Agency in the manner prescribed by the Agreement; provided, however, that Agency assets directly attributable to the accumulated capital contribution of the withdrawing party shall remain with the system for use by CONFIRE without compensation to the withdrawing party, until the termination of this Agreement and the distribution of assets to all parties in winding up.

B. If this Agreement is terminated, assigned or transferred in whole or in part, all property and equipment owned by CONFIRE shall be distributed to the parties; distribution to each party shall be made in the same proportion as that reflected in the members' accumulated capital contribution account as shown in the Treasurer's books of account. Cash may be accepted in lieu of property or equipment. Grant assets remain the property of the Grantee.

C. If the parties to the Agreement herein cannot agree as to the valuation and distribution of the property, the valuation and distribution shall be determined by a panel of arbitrators, one being appointed by each agency and one additional arbitrator shall be appointed by a majority of the agencies. All matters relating to valuation and distribution of assets as determined by this panel of arbitrators shall be final and conclusive as to this Agency.

D. This Agreement shall not terminate until all property has been distributed in accordance with these provisions; and the winding up and property distribution hereunder shall be effected in the manner calculated to cause the least disruption of existing public safety communications systems.

E. On withdrawal of members so as to reduce the number of continuing participants to less than the original number of participating numbers, or upon the action of a majority of participating members to dissolve, then this Agreement and such Agency shall be terminated and dissolved. Upon such termination and dissolution (and after payment of all debts), all individual files and documents and documentation shall be distributed to their owners without charge or offset. The remaining assets or liabilities, excluding grant funded assets, of the Agency shall be distributed among the members who had participated in this Agency as set forth above.

F. If the withdrawal of a member causes the remaining members to terminate the Joint Powers Agreement, then the withdrawing member shall participate in the termination of this Agreement as set forth above.

ARTICLE XV
CONTRACTS, LOANS, CHECKS AND DEPOSITS

A. The Board of Directors may authorize any officer or officers, agency or agents, to enter into any contract or to execute and deliver any instrument in the name of and on behalf of the Agency, and such authority may be general or confined to specific instances.

B. No loans shall be contracted on behalf of the Agency and no evidences of indebtedness shall be issued in its name unless authorized by a resolution of the Board of Directors. Such authority may be general or confined to specific instances.

C. All checks, drafts or other orders for the payment of monies, notes or other evidences of indebtedness issued in the name of the Agency shall be signed by such officer or officers, agent or agents, of the Agency and in such manner as shall from time to time be determined by the Board of Directors.

D. All funds of the Agency not otherwise encumbered shall be deposited from time to time to the credit of the Agency in such banks, trust companies or other depositories by the Treasurer with the consent of the Board of Directors.

ARTICLE XVI
AMENDMENT

A. Amendment to these By-Laws may be proposed by any member of the Board of Directors or by the Administrative Committee. The amendment shall be submitted to the Board of Directors.

B. Unanimous approval by the Board of Directors shall be required to adopt any amendment to these By-Laws.

ARTICLE XVII
EFFECTIVE DATE

These By-Laws shall go into effect immediately upon the execution of the Agreement by all of the original participants in the Agency.

CONFIRE JPA
REVENUE BY AGENCY
FISCAL YEAR 2022-23

CONFIRE REVENUE SHEET FY 2022/23

Department / District	% of Call Volume 2021	CONFIRE Operating Fund (5008)	Total Equipment Replacement (5009)	Operating & Equipment Costs	5% - 10% Contract Charge (5011)	CAD to CAD Fund (5019)	FY 2022/23 Total Costs
Apple Valley	5.31%	619,900	29,332	649,232			$ 649,232
Big Bear	1.67%	292,905	10,069	246,119	12,306		$ 315,280
Chino Valley	5.39%	661,642	27,372	689,014		11,500	$ 700,514
Colton	2.99%	504,444	44,242	498,776			$ 548,686
Loma Linda	1.72%	311,253	10,455	270,225			$ 321,708
Montclair	1.87%	221,786	9,563	231,349	11,567		$ 242,917
Rancho Cucamonga	7.02%	826,530	35,544	862,074			$ 862,074
Redlands	4.58%	719,446	53,229	700,730			$ 772,675
Rialto	4.66%	784,705	67,666	778,371			$ 852,371
Running Springs	0.28%	68,679	1,693	49,630			$ 70,372
San Bernardino Cty Fire	53.40%	6,504,057	267,982	6,772,039			$ 6,772,039
San Manuel	0.71%	111,356	4,566	115,922	5,796	13,125	$ 134,843
Victorville	10.02%	1,155,679	50,602	1,206,281			$ 1,206,281
Needles Ambulance	0.27%	28,400	1,349	29,749	1,487		$ 31,236
County Road Dept	0.12%	12,941	615	13,556	678		$ 14,234
AMR		4,836	0	4,836	242		$ 5,078
TOTAL REVENUE	100%	$ 12,828,561	$ 614,279	$ 13,117,906	$ 32,077	$ 24,625	$ 13,499,543

"A City That Works"

City Council/Successor Agency Meeting **K. 6.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of Resolution No. 8348 adopting the 2021 Engineering and Traffic Survey Report to update specific public street speed limits, and determination that approval of Resolution No. 8348 is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines the staff recommendation is appropriate, the following motion is provided:

I move to approve Resolution No. 8348.

RECOMMENDATION:

TRAFFIC & PARKING COMMISSION RECOMMENDATION

On May 2, 2022, the Traffic and Parking Commission unanimously recommended City Council adoption of the 2021 Engineering and Traffic Survey Report to update specific public street speed limits.

STAFF RECOMMENDATION

Staff recommends City Council approve Resolution No. 8348, adopting the 2021 Engineering and Traffic Survey Report to update citywide speed limits, and determining approval of Resolution No. 8348 is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act.

DISCUSSION:

City staff conducts Engineering and Traffic Surveys (E&TS) periodically as mandated by the California Vehicle Code (CVC) to establish maximum speed limits on public streets, and to justify enforcement of these speed limits using electronic speed measuring devices. In accordance with CVC Section 40802, these studies are completed at least once every seven (7) to fourteen (14) years to reevaluate non-statutory speed limits on public streets. Adhering to this practice is required for law enforcement officers to legally enforce speed limits and issue speeding citations.

The California Manual on Uniform Traffic Control Devices (CA MUTCD) provides latitude for agencies to establish speed limits within five (5) mph of the measured 85th percentile speed of free-flowing traffic, which is the speed at or below which eighty-five percent (85%) of drivers travel, and is an accurate indicator of a reasonable and safe speed for each street segment. This practice relies on the premise that a reasonable speed limit is one that conforms to the actual behavior of the majority of drivers. Speed limits that are set near the 85th percentile speed are safer and produce less variance in vehicle speeds. Because of this, the 85th percentile is used to establish the upper limit of vehicle operating speeds and is considered the most reasonable and prudent vehicle speed for typical motor vehicle operating conditions. The 85th percentile speed limit may be decreased or increased by five (5) mph to account for unique conditions such as street geometry, roadside development, environmental conditions, pedestrian use, collision history, and the pace speed (the 10 mph speed range at which most vehicles are driving).

The 2021 E&TS conducted by RK Engineering Group, Inc. analyzed 132 street segments on fifty-three (53) public streets within the City. The recommended speed limit changes are summarized in the following tables:

Recommended speed limit lower than the existing speed limit:

Roadway Segment		Existing Speed Limit (mph)	Recommended Speed Limit (mph)
Brockton Avenue	New York Street to Texas Street	35	30
Central Avenue	University Street to Judson Street	35	30
Cypress Avenue	Center Street to Redlands Blvd.	45	40
Lugonia Avenue	California Street to Alabama Street (eastbound)	45	40
Mariposa Drive	Halsey Street to Dwight Street	30	25
Texas Street	Redlands Blvd to Lugonia Avenue	40	35
Texas Street	Lugonia Avenue to San Bernardino Avenue	40	35

Recommended speed limit higher than the existing speed limit:

Roadway Segment		Existing Speed Limit (mph)	Recommended Speed Limit (mph)
Alabama Street	Between City limit line south/north of Santa Ana River	50	55
Alta Vista Drive	Florida Street to Sunset Drive	35	40
Barton Road	Alabama Street to Lakeside Avenue	40	45
Cajon Street	Vine Street to Fern Avenue	25	30
California Street	Palmetto Avenue to Almond Avenue (southbound)	40	45
Center Street	Crescent Avenue to Ridge Street	30	35
Citrus Avenue	Eureka Street to Orange Street	25	30
Citrus Avenue	Redlands Blvd. to University Street	25	30
Colton Avenue	Redlands Blvd. to Church Street	35	40
Colton Avenue	Church Street to Grove Street	30	40
Colton Avenue	Grove Street to Lincoln Street	35	40
Colton Avenue	Dearborn Street to Wabash Avenue	40	45
Crescent Avenue	Ramona Drive to Serpentine Drive	30	35
Dearborn Street	5th Avenue to Colton Avenue	30	40
Dearborn Street	Colton Avenue to Lugonia Avenue	30	35
Dearborn Street	Lugonia Avenue to San Bernardino Avenue	40	45
Elizabeth Street	Garden Street to Crescent Avenue	40	45
Fern Avenue	Center Street to San Mateo Street	35	40
Ford Street	Reservoir Rd to Sunset Drive	40	45
Ford Street	Sunset Drive to Garden Hill Drive	35	40
Franklin Avenue	Eucalyptus Drive to Oak Street	30	35
Franklin Avenue	Oak Street to Garden Street	25	35
Garden Street	Mariposa Drive to Cajon Street	35	40
Grove Street	Citrus Avenue to Brockton Avenue	30	35
Highland Avenue	Ford Street to Cajon Street	40	45
Lugonia Avenue	Tennessee Street to Texas Street	35	40
Mountain View Avenue	I-10 Freeway to Central Avenue (northbound)	45	50
Orange Tree Lane	California Street to Nevada Street	30	35
Orange Tree Lane	Nevada Street to Alabama Street	30	40
Pacific Street	Carob Street to Ridge Street	20	25
Palmetto Avenue	Nevada Street to California Street (westbound)	30	40
Palo Alto Drive	Mirasol Drive to Sunset Drive	25	30
Pennsylvania Avenue	Texas Street to Orange Street	30	35
Pennsylvania Avenue	Orange Street to Church Street	30	35
Pioneer Avenue	Occidental Drive to Dearborn Street	35	45
Reservoir Road	Ford Street to Wabash Avenue	45	50
San Bernardino Avenue	Orange Street to University Street	35	40

San Bernardino Avenue	Mountain View Avenue to California Street	45	50
San Mateo Street	Fern Avenue to Highland Avenue	30	35
Sunset Drive	Vinton Way to Alta Vista Drive	30	40
Sunset Drive	Panorama Pt. to Franklin Avenue	25	35
Sunnyside Avenue	Fern Avenue to Cypress Avenue	20	25
Texas Street	San Bernardino Avenue to Domestic Avenue	30	35
University Street	Cypress Avenue to Colton Avenue	30	35
Via Vista Drive	Country Club Drive to Helena Lane	25	30
Wabash Avenue	Citrus Avenue to Colton Avenue	35	40

On May 2, 2022, the Traffic and Parking Commission (TPC) unanimously voted to recommend City Council adoption of the 2021 E&TS Report, and to update public street speed limits in accordance with recommendations within the report. The TPC also strongly encourages the City Council to allocate additional funding for speed limit enforcement, traffic-calming measures, pedestrian and bicycle safety management, and to consider alternatives to the 85th percentile methodology currently used to establish public street speed limits.

Approval of Resolution No. 8348 is exempt from environmental review pursuant to Section 15061(b)(3) of the State's guidelines implementing the California Environmental Quality Act as it will have no significant effect on the environment.

ALTERNATIVES:

City Council may deny the Traffic and Parking Commission and staff recommendation, although this will prevent enforcement of speed limits on these public streets.

STRATEGIC PLAN:

N/A

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Christopher R. Catren, Chief of Police
Rich Sessler, Fire Chief

Chris Boatman, Assistant City Manager
Goutam K. Dobey, Engineering Manager

PREPARED BY:
Johana Silva, Assistant Engineer

Fiscal Impact

Fiscal Year:	FY 21/22
Revenue Generating:	N
Appropriation Required Y/N:	N
Budgeted Y/N:	Y

Discussion:

There is no fiscal impact associated with adopting Resolution No. 8348 and updating public street speed limits, as these expenses are included in the FY 21/22 Budget.

Attachments

Resolution No. 8348

RESOLUTION NO. 8348

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS ESTABLISHING TRAFFIC REGULATIONS PURSUANT TO TITLE 10 OF THE REDLANDS MUNICIPAL CODE AND RESCINDING RESOLUTION NO. 7583

WHEREAS, pursuant to studies made under the authority of Title 10 of the Redlands Municipal Code, and the presentation of information contained in such studies, the City Council of the City of Redlands has determined that certain traffic regulations are necessary to protect the public health, safety and welfare and should be established pursuant to Title 10 of the Redlands Municipal Code;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS as follows:

Section 1. This City Council determines that approval of this Resolution is exempt from review under California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines section 15061 (b)(3) which provides that CEQA applies only to projects which have the potential for causing a significant effect on the environment. The City Council therefore finds with certainty that there is no possibility the approval of this Resolution may have a significant effect on the environment.

Section 2. Pursuant to Chapter 10.24 of the Redlands Municipal Code, a traffic engineering investigation was conducted by RK Engineering Group, Inc. to determine the speed limits for various streets in the City of Redlands, and is attached herein as Exhibit "A," titled "2021 Engineering and Traffic Survey," dated January 18, 2022. The recommended speed limits are hereby established for such streets and found appropriate to facilitate the orderly movement of traffic, and the speed limits are determined to be reasonable and safe.

Section 3. City staff is hereby directed to take all actions to undertake signage to implement this Resolution.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Jeanne Donaldson, City Clerk

EXHIBIT “A”

2021 ENGINEERING AND TRAFFIC SURVEY

[ATTACHED]

2021 ENGINEERING & TRAFFIC SURVEY
City of Redlands, California

Prepared for:

CITY OF REDLANDS
35 Cajon Street, Suite 15A
Redlands, California

Prepared by:

RK ENGINEERING GROUP, INC.
4000 Westerly Place, Suite 280
Newport Beach, CA 92660

Alex Tabrizi, P.E., T.E.
Michael Torres, E.I.T.
Elias Bandek, E.I.T.
Nhi Ly, E.I.T.
Darshan Shivaiah, MS



January 18, 2022

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List of Attachments

Exhibits

Study Roadway Segment Location Map ..... A

Recommended Speed Zones ..... B

Tables

Engineering & Traffic Survey Speed Survey Summary 1

Engineering & Traffic Survey Three-Year Collision Rates for Study Area Roadway Segments

Appendices

California MUTCD Sections ..... A

Speed Survey Statistical Summary Sheets..... B

Existing ADT Traffic Volume Count Sheets C

Speed Study Traffic Condition Summary Forms..... D

1.0 Introduction

This report contains the engineering and traffic speed survey for the one hundred and thirty-two (132) roadway segments in the City of Redlands (see Exhibit A). The roadway segments identified for speed zone evaluation are listed in Table 1.

For each roadway segment, information was collected on existing roadway characteristics, speed characteristics, traffic volumes, and traffic collisions. Statistical analysis of travel speeds and collisions were performed as part of this study.

Speed limits for each roadway section are recommended consistent with applicable procedures and sections in the California Vehicle Code, the California *MUTCD* (Manual on Traffic Control Devices). Applicable sections of the California *MUTCD* are contained in Appendix A.

This report contains an introduction to speed survey requirements and procedures, analysis of existing roadway conditions, speed characteristics, collision history and analysis, and recommended speed limits at each location.

2.0 Summary of Findings

2.1 Survey Methodology

1. As described in the California Vehicle Code and the California MUTCD, regarding how to set speed limits, data was collected on the existing characteristics of roadway segments.

2. All roadways were surveyed to determine existing roadway characteristics and surrounding land uses.

3. Existing travel speeds were obtained with the radar speed survey. A minimum of 100 speed observations were recorded at each survey location using calibrated and certified radar equipment. Existing speed survey statistical summary sheets are contained in Appendix B.

4. Speed observation data was statistically calculated to determine average speed, 85th percentile speed, and 10-mile per hour percentile speed.

5. Collision data was researched and tabulated for each roadway segment for consideration in the speed limit recommendations.

6. To calculate and derive collision rates, existing average daily traffic (ADT) data was collected at each study roadway segment. Detailed 2021 ADT traffic count data for the study segments are contained in Appendix C.

2.2 Speed Zone Recommendations

1. Based on a review of roadway segment survey data, speed zone recommendations were made on each of the roadway segments and are illustrated in Exhibit B. The speed zone survey information and recommended speed limits are also summarized in Table 1.

3.0 Speed Limits

This engineering and traffic survey analysis includes: (a) results of field inventories including radar samplings of speeds, (b) data analysis, and (c) recommended applicable speed limits. Under State law, speed surveys must be conducted every five years to use radar enforcement.

The California Vehicle Code is specific in its mandate for the performance of engineering and traffic surveys in regard to speed limits. In particular, Chapter 7 of the State Vehicle Code provides that "prima facie" speed limits established under Sections 22352, 22354, 22354.5, 22357, 22358, 22358.3 may not be enforced by radar unless the speed limit has been justified by an engineering and traffic survey within the last five years. All local agencies must conduct engineering and traffic surveys to provide the following:

1. Raise State dictated "prima facie" limits above 25 miles per hour;

2. Lower the otherwise permitted maximum speed of 65 miles per hour; and

3. Enforce speed limits by the use of radar equipment.

Section 22350 is the basis of all speed zone legislation in that it states, "No person shall drive a vehicle upon a highway at a speed greater than is reasonable or prudent…" considering external conditions such as road conditions, weather, and other traffic. Secondly, the Vehicle Code has established certain "prima facie" speed limits (Section 22352), which may not be exceeded unless the operator of a motor vehicle can prove that it is safe to do so under the Basic Speed Law.

The recommended posted speed limits are based on CA MUTCD Section 2B.13 which states:

"When a speed limit is to be posted, it shall be established at the nearest 5 mph increment of the 85th-percentile speed of free-flowing traffic, except as shown in the two options below:

1. The posted speed may be reduced by 5 mph from the nearest 5 mph increment of the 85th-percentile speed, in compliance with CVC Sections 627 and 22358.3.

2. For cases in which the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used."

4.0 Data Collection

This section discusses the survey methodology for the collection of data on existing roadway characteristics, travel speed surveys, and collision experiences. Exhibit A illustrates the roadway locations inventoried. Speed study traffic conditions forms have been prepared for each survey location and are included in Appendix D.

4.1 Roadway Characteristics

Visual inspection of each roadway survey location was performed. Based on the visual survey, speed study traffic conditions forms were completed for data entries such as the number of travel lanes, type of median, existing posted speed limit, and the types of surrounding land uses. Other special conditions inventoried include notations on horizontal and vertical curves, school crosswalks, and school speed zones.

Total curb-to-curb width was also measured and recorded at each speed survey location.

The predominant land use adjacent to the roadway by travel direction was identified. The surrounding uses were identified by the predominant or significant types of uses defining the character and intensity of development along the roadway. Adjacent land uses have direct access if driveways serving the use intersect with the roadway and the land use directly fronts onto the roadway. Land uses not having direct access include those uses with rear or side yards facing the roadway with access from secondary or from parallel roadways. The number of driveways intersecting the roadway is defined as an approximate average distance between driveways along the road segment.

4.2 Travel Speed Survey Data

Radar speed surveys were conducted within the City. Principles for survey methods utilized in this engineering survey followed the procedures set out by the California *MUTCD* (Appendix A).

The *California MUTCD* sets forth the basic procedural steps in conducting an "engineering and traffic survey". This method is designed for use on all City and County through-highways, arterials, and collector streets.

Surveys were conducted during off-peak hours so that free-flow conditions would allow motorists to drive at a self-determined "safe speed". An unmarked vehicle was employed as the survey vehicle, with the radar device situated inconspicuously. The vehicle was located along a straight roadway segment, far enough away from signals, stop signs, major intersections, or roadway obstruction so that motorists were traveling at a free-flow velocity before passing the sampling vehicle.

The samples were recorded in one mile per hour increments. On two-way streets, samples in both directions were obtained. Care was also taken to include a representative proportion of trucks and buses. Speed zone statistical summary sheets for each location are provided in Appendix B of this report.

4.3 Statistical Analysis

Statistical calculations included the 85th percentile (or critical) speed, 10-mile per pace speed, percentage of vehicles in the 10-mile per hour speed and 50th percentile speed. These terms are defined as follows:

Average Speed

The average or arithmetic mean speed characteristics of the speed observations which is calculated by dividing the summation of all observed speeds by the number of observations.

85th Percentile Speed

The 85th percentile speed is the speed at or below which 85 percent of the vehicles traveled. It is the single most important measure used to determine posted speed limits.

10-Mile Per Hour Pace Speed

The 10-mile per hour pace speed is the 10-mile per hour range within which the largest number of observations fall. Typically, 70 percent of the vehicles are contained in this range, with 15% above and 15% below. A properly set speed limit will maximize the percent of vehicles in the 10-mile per hour pace speed.

4.4 Collision History

Collision data for each of the survey segments were reviewed. Collisions that occurred in the intersections were proportionally allocated to each approach leg segment of the intersection. The total number of collisions was then divided by existing traffic volumes to determine a collision rate per million vehicle miles of travel for the (MVMT) roadway segment.

The collision rates were calculated for each roadway segment. Table 2 summarizes the results of the collision history and analysis.

5.0 Speed Limit Recommendations & Conclusions

When a speed limit is to be posted, it shall be established at the nearest 5 mph increment of the 85th percentile speed of free flowing traffic. In accordance with the California *MUTCD*:

> *Experience has shown that speed limits should be established at or below the 85th percentile speed. The speed chosen for speed zoning should be in 5-mile per hour increments and should normally be selected at a value nearest below the 85th percentile speed.*

In general, the 85th percentile speed will dictate the speed limit to be established pursuant to the reasoning that most drivers are "reasonable and prudent". Speed limit selections resulting from this survey and analysis thus follow the above guideline. Recommended speed limits are for both directions of travel.

The primary selected speed limits were then considered in relation to roadway characteristics, collision experience, and nearby development on each respective roadway segment. Some of these characteristics may warrant a deviation from the 85th percentile speed. These characteristics include:

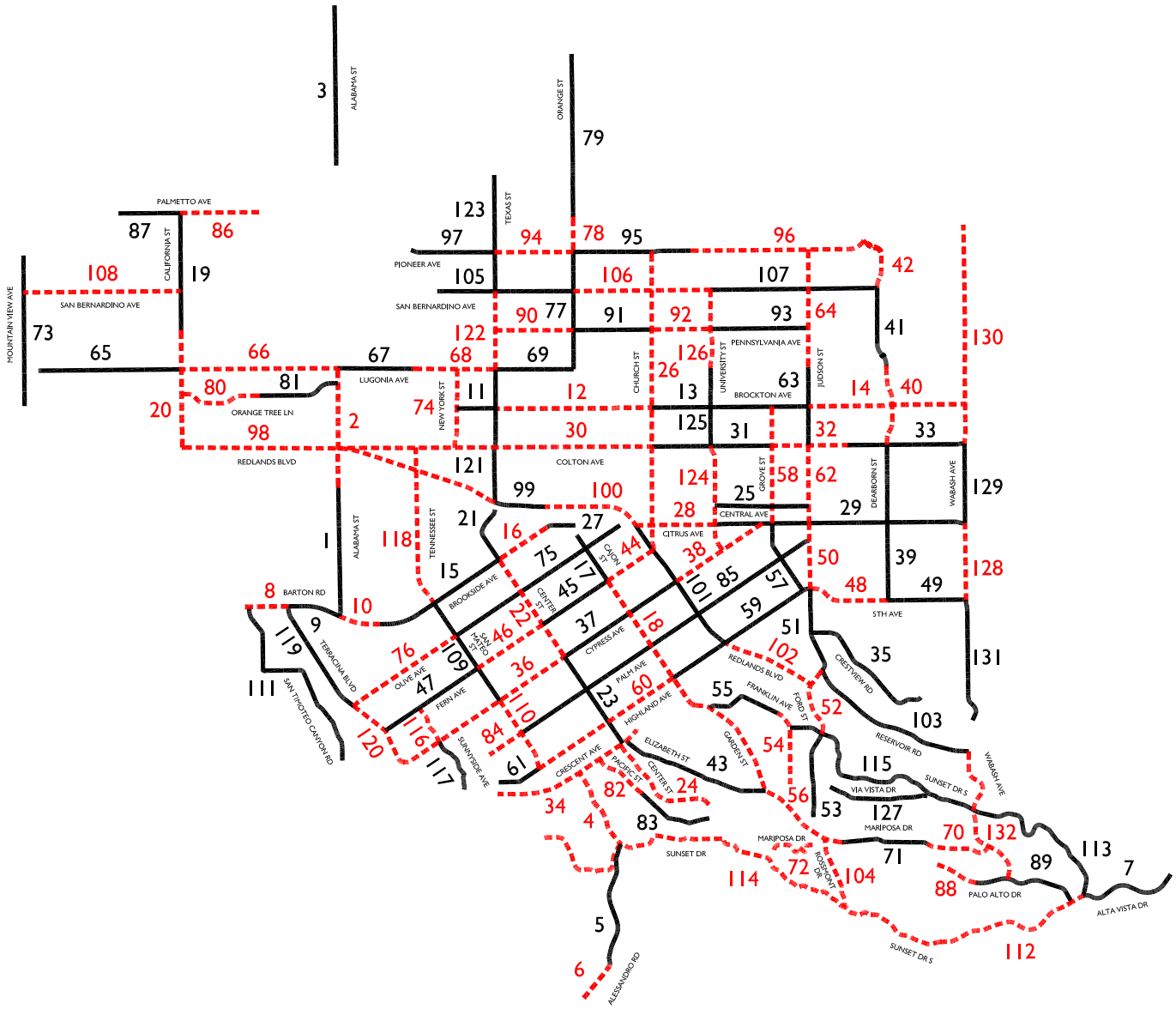
1. Higher than average collision histories;

2. Other physical features of the roadway, which are not readily apparent to the driver. These hazards include cross gutters, poor sight distance, and close spacing of controlled intersections; and

3. Compatibility and continuity with speed zones of adjacent cities and/or adjacent reaches of the same street within the City.

The recommended speed limits and results of the analysis are summarized in Table 1 and graphically shown in Exhibit B.

Location Map



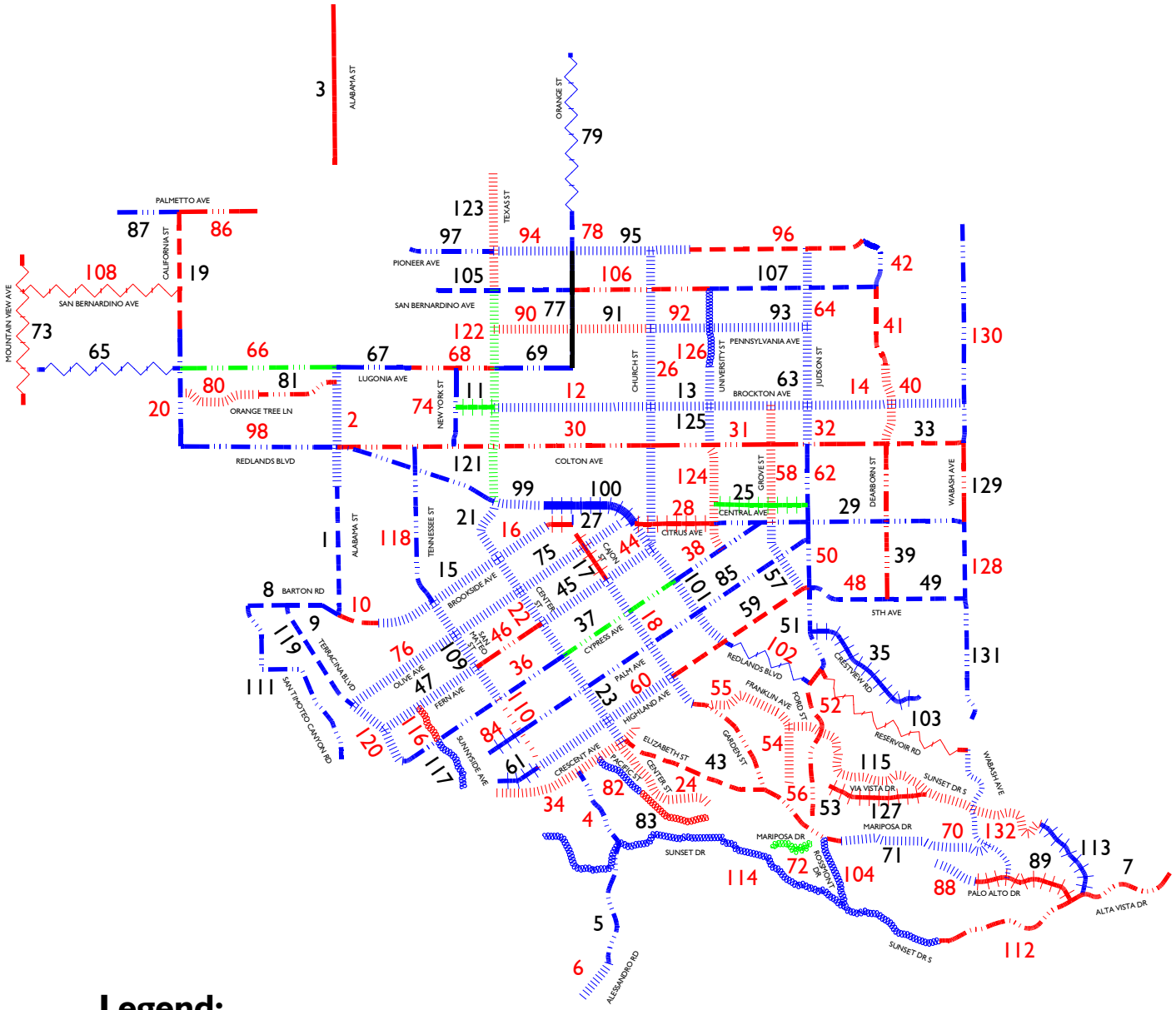
Legend:

- = Odd Numbered Study Segments
- = Even Numbered Study Segments
- 1 = Street Segment Number

N

Exhibit B

Recommended Speed Zones



Legend:

133 = Street Segment Number

- = 20 MPH
- = 25 MPH
- = 30 MPH
- = 35 MPH
- = 40 MPH
- = 45 MPH
- = 50 MPH
- = 55 MPH
- = Same Speed Limit as Existing
- = Increase in Existing Speed Limit
- = Decrease in Existing Speed Limit

N

Table 1

City of Redlands 2021 Engineering & Traffic Survey

Speed Survey Summary

Loc. No.	Roadway Segment		Existing Posted Speed Limit	Recommended Speed Limit (MPH)	85th Percentile Speed (MPH)	50th Percentile Speed (MPH)	10 mph Pace Speed (MPH)	Percent Within 10 MPH Pace	Reason for Adjustment from 85th Percentile Speed*
1	Alabama Street	Barton Road to Park Avenue	45	**45**	47.0	41.0	35 - 44	72%	
2	Alabama Street	Park Avenue to Lugonia Avenue	35	**35**	42.0	38.0	33 - 42	84%	1
3	Alabama Street	Between city limit line south of Santa Ana River and city limit line north of Santa Ana River	50	**55**	58.0	51.0	47 - 56	64%	5, 14
4	Alessandro Road	Crescent Avenue to Sunset Drive	40	**40**	45.0	43.0	38 - 47	89%	5, 8
5	Alessandro Road	Sunset Drive to Creekside Drive	40	**40**	47.0	44.0	39 - 48	82%	8, 10
6	Alessandro Road	Creekside Drive to San Timoteo Canyon Road	35	**35**	41.0	36.0	32 - 41	77%	5, 8, 10
7	Alta Vista Drive	Florida Street to Sunset Drive	35	**40**	47.0	42.0	37 - 46	73%	5, 8, 10
8	Barton Road	West City Limit to Terracina Boulevard	45	**45**	47.0	43.0	38 - 47	75%	
9	Barton Road	Terracina Boulevard to Alabama Street	45	**45**	46.0	42.0	37 - 46	77%	
10	Barton Road	Alabama Street to Lakeside Avenue	40	**45**	46.0	41.0	38 - 47	65%	
11	Brockton Avenue	New York Street to Texas Street	35	**30**	37.0	30.0	23 - 32	62%	1
12	Brockton Avenue	Texas Street to Church Street	35	**35**	42.0	37.0	33 - 42	64%	1
13	Brockton Avenue	Church Street to Judson Street	35	**35**	41.0	36.0	32 - 41	82%	1, 5, 12
14	Brockton Avenue	Judson Street to Wabash Avenue	35	**35**	39.0	36.0	30 - 39	73%	2, 5, 14
15	Brookside Avenue	Lakeside Avenue to Center Street	35	**35**	42.0	37.0	33 - 42	80%	3, 6
16	Brookside Avenue	Center Street to Eureka Street	35	**35**	38.0	34.0	29 - 38	78%	3, 6, 14
17	Cajon Street	Vine Street to Fern Avenue	25	**30**	37.0	32.0	29 - 38	73%	2, 3, 6
18	Cajon Street	Fern Avenue to Garden Street	30 - 35	**35**	39.0	35.0	30 - 39	71%	1, 2, 3, 6
19	California Street	Palmetto Avenue to Almond Avenue (southbound)	40	**45**	48.0	41.0	34 - 43	58%	14
20	California Street	Almond Avenue to Redlands Boulevard	40	**40**	45.0	41.0	37 - 46	86%	5
21	Center Street	State Street to Brookside Avenue	35	**35**	39.0	35.0	31 - 40	72%	5, 8, 14
22	Center Street	Brookside Avenue to Cypress Avenue	35	**35**	37.0	33.0	29 - 38	80%	
23	Center Street	Cypress Avenue to Crescent Avenue	35	**35**	40.0	35.0	31 - 40	69%	2, 5
24	Center Street	Crescent Avenue to Ridge Street	30	**35**	39.0	35.0	32 - 41	72%	2, 3, 5, 8, 14
25	Central Avenue	University Street to Judson Street	35	**30**	37.0	30.0	24 - 33	65%	1, 2, 5, 6
26	Church Street	Pioneer Avenue to Redlands Boulevard	35	**35**	40.0	37.0	33 - 42	95%	2, 3, 6
27	Citrus Avenue	Eureka Street to Orange Street	25	**30**	34.0	31.0	27-36	90%	6, 14
28	Citrus Avenue	Redlands Boulevard to University Street	25	**30**	34.0	30.0	25-34	80%	1, 6, 14
29	Citrus Avenue	University Street to Wabash Avenue	40	**40**	42.0	38.0	32 - 41	78%	
30	Colton Avenue	Redlands Boulevard to Church Street	35	**40**	43.0	37.0	33 - 42	73%	1, 5, 6, 14
31	Colton Avenue	Church Street to Grove Street	30	**40**	41.0	36.0	33 - 42	83%	
32	Colton Avenue	Grove Street to Lincoln Street	35	**40**	47.0	42.0	36 - 45	79%	2, 3, 5, 7
33	Colton Avenue	Dearborn Street to Wabash Avenue	40	**45**	48.0	42.0	39 - 48	67%	5, 14
34	Crescent Avenue	Ramona Drive to Serpentine Drive	30	**35**	40.0	36.0	31 - 40	78%	2, 3, 5, 6
35	Crestview Road	Ford Street to Buckingham Drive	30	**30**	37.0	32.0	28 - 37	58%	2, 3
36	Cypress Avenue	Terracina Boulevard to Center Street	40	**40**	43.0	38.0	35 - 44	80%	5, 12, 14
37	Cypress Avenue	Center Street to Redlands Boulevard	45	**40**	44.0	39.0	34 - 43	76%	1, 3, 5, 14
38	Cypress Avenue	Redlands Boulevard to Citrus Avenue	40	**40**	43.0	38.0	32 - 41	69%	1, 3, 5, 12, 14
39	Dearborn Street	5th Avenue to Colton Avenue	30	**40**	43.0	38.0	34 - 43	71%	3, 5, 14
40	Dearborn Street	Colton Avenue to Lugonia Avenue	30	**35**	36.0	32.0	27 - 36	78%	
41	Dearborn Street	Lugonia Avenue to San Bernardino Avenue	40	**45**	48.0	41.0	37 - 46	64%	5, 14
42	Dearborn Street	San Bernardino Avenue to Sessums Drive	40	**40**	40.0	35.0	31 - 40	63%	
43	Elizabeth Street	Garden Street to Crescent Avenue	40	**45**	49.0	43.0	39 - 48	67%	3, 5, 14
44	Fern Avenue	Redlands Boulevard to Cajon Street	35	**35**	41.0	36.0	32 - 41	79%	3, 5

Recommended speed is determined in accordance with methodologies, procedures and guidelines contained in the California Manual on Uniform Traffic Control Devices (Caltrans, 2014 Edition) and California

*Reason for Adjustment from 85th Percentile Speed:

1. High accident rate conditions
2. Direct residential access with pedestrian activity
3. Residential area with pedestrian/bicycle activity
4. Commercial area with pedestrian activity and access
5. 10 mph pace speed
6. On-street parking with potential traffic conflicts
7. Consistency with the adjacent roadway segment speed limit
8. Roadway geometrics such as alignment changes, horizontal curves, railroad crossings, and potential obstructions limiting visibility
9. Vicinity to activity area such as park, community center, or hospital
10. Lack of sidewalks
11. Open drainage channel
12. Vicinity to school
13. Change due to existing measured 85th percentile travel speeds
14. For cases in which the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC Section 21400(b).
15. Local Residential Roadway - Set at 25 MPH per CVC
16. Narrow Roadway less than 25 feet wide per CVC.

X Recommended speed limit higher than existing speed limit

X Recommended speed limit lower than existing speed limit

Table 1

City of Redlands 2021 Engineering & Traffic Survey

Speed Survey Summary

Loc. No.	Roadway Segment		Existing Posted Speed Limit	Recommended Speed Limit (MPH)	85th Percentile Speed (MPH)	50th Percentile Speed (MPH)	10 mph Pace Speed (MPH)	Percent Within 10 MPH Pace	Reason for Adjustment from 85th Percentile Speed*
45	Fern Avenue	Cajon Street to Center Street	35	**35**	38.0	34.0	30 - 39	78%	3, 5, 14
46	Fern Avenue	Center Street to San Mateo Street	35	**40**	44.0	39.0	35 - 44	66%	3, 5, 12, 14
47	Fern Avenue	San Mateo Street to Terracina Boulevard	35	**35**	39.0	34.0	29 - 38	78%	1, 3, 5, 12, 14
48	Fifth Avenue	Ford Street to Dearborn Street	45	**45**	50.0	44.0	39 - 48	71%	5, 10
49	Fifth Avenue	Dearborn Street to Wabash Avenue	45	**45**	49.0	44.0	39 - 48	74%	3, 5, 14
50	Ford Street	Citrus Avenue to Fifth Avenue	40	**40**	47.0	41.0	36 - 45	78%	3, 5
51	Ford Street	Fifth Avenue to Reservoir Road	40	**40**	45.0	40.0	37 - 46	74%	5, 9
52	Ford Street	Reservoir Road to Sunset Drive	40	**45**	48.0	40.0	35 - 44	63%	1, 5, 14
53	Ford Street	Sunset Drive to Garden Hill Drive	35	**40**	44.0	40.0	35 - 44	74%	5, 14
54	Franklin Avenue	Eucalyptus Drive to Oak Street	30	**35**	36.0	30.0	23 - 32	66%	
55	Franklin Avenue	Oak Street to Garden Street	25	**35**	39.0	34.0	30 - 39	74%	5
56	Garden Street	Mariposa Drive to Cajon Street	35	**40**	45.0	41.0	37 - 46	81%	3, 5, 10
57	Grove Street	Highland Avenue to Citrus Avenue	35	**35**	38.0	32.0	28 - 37	72%	1, 2, 3, 5, 14
58	Grove Street	Citrus Avenue to Brockton Avenue	30	**35**	41.0	34.0	28 - 37	63%	1, 3, 5, 10, 12
59	Highland Avenue	Ford Street to Cajon Street	40	**45**	49.0	43.0	40 - 49	71%	1, 3, 5, 14
60	Highland Avenue	Cajon Street to San Mateo Street	35	**35**	41.0	37.0	32 - 41	75%	2, 3, 5, 10
61	Highland Avenue	San Mateo Street to Serpentine Drive	30	**30**	31.0	27.0	23 - 32	88%	
62	Judson Street	Citrus Avenue to Colton Avenue	40	**40**	45.0	40.0	35 - 44	80%	3, 5, 10
63	Judson Street	Colton Avenue to Lugonia Avenue	35	**35**	42.0	38.0	34 - 43	89%	2, 3
64	Judson Street	Lugonia Avenue to Pioneer Avenue	35	**35**	40.0	34.0	30 - 39	77%	10
65	Lugonia Avenue	1500' w/o Research Avenue to California Street	50	**50**	54.0	47.0	43 - 52	63%	1, 5, 6, 14
66	Lugonia Avenue	California Street to Alabama Street (eastbound)	45	**40**	47.0	42.0	37 - 46	72%	5, 10
67	Lugonia Avenue	Alabama Street to Tennessee Street (eastbound)	40	**40**	44.0	41.0	37 - 46	86%	5, 14
68	Lugonia Avenue	Tennessee Street to Texas Street	35	**40**	43.0	39.0	34 - 43	80%	5, 10, 14
69	Lugonia Avenue	Texas Street to Orange Street	40	**40**	45.0	41.0	36 - 45	80%	2, 3, 5, 10, 14
70	Mariposa Drive	Wabash Avenue to Country Club Drive	35	**35**	38.0	32.0	29 - 38	63%	2, 3, 5, 6, 10, 14
71	Mariposa Drive	Country Club Drive to Garden Street	35	**35**	40.0	37.0	32 - 41	82%	2, 3, 5, 6, 10
72	Mariposa Drive	Halsey Street to Dwight Street	30	**25**	26.0	20.0	15 - 24	61%	13
73	Mountain View Avenue	I-10 Freeway to Central Avenue (northbound)	45	**50**	54.0	49.0	45 - 54	74%	5, 10, 14
74	New York Street	Colton Avenue to Lugonia Avenue	40	**40**	45.0	40.0	35 - 44	74%	5, 10
75	Olive Avenue	Citrus Avenue to San Mateo Street	35	**35**	35.0	31.0	27 - 36	91%	
76	Olive Avenue	San Mateo Street to Terracina Boulevard	35	**35**	42.0	37.0	34 - 43	74%	1, 2, 3
77	Orange Street	Lugonia Avenue to Pioneer Avenue	40	**40**	43.0	40.0	36 - 45	88%	1, 5, 10, 14
78	Orange Street	Pioneer Avenue to Hubbard Court	45	**45**	45.0	40.0	36 - 45	82%	5, 13
79	Orange Street	Hubbard Court to City Limits	50	**50**	54.0	51.0	46 - 55	87%	10, 14
80	Orange Tree Lane	California Street to Nevada Street	30	**35**	39.0	34.0	30 - 39	76%	5, 9, 14
81	Orange Tree Lane	Nevada Street to Alabama Street	30	**40**	44.0	39.0	34 - 43	65%	5, 10, 14
82	Pacific Street	Crescent Avenue to Carob Street	25	**25**	34.0	28.0	27 - 36	68%	15
83	Pacific Street	Carob Street to Ridge Street	20	**25**	30.0	24.0	20 - 29	70%	1, 2, 3, 5, 10, 15, 16
84	Palm Avenue	Serpentine Drive to San Mateo Street	30	**30**	37.0	33.0	28 - 37	73%	1, 2, 3, 5
85	Palm Avenue	San Mateo Street to Ford Street	40	**40**	43.0	38.0	34 - 43	75%	1, 2, 3, 5, 14
86	Palmetto Avenue	Nevada Street to California Street (westbound)	30	**40**	45.0	39.0	34 - 43	61%	5
87	Palmetto Avenue	California Street to Marigold Avenue	Not Posted	**40**	44.0	37.0	35 - 44	53%	5
88	Palo Alto Drive	Country Club Drive to Mirasol Drive	35	**35**	40.0	34.0	31 - 40	59%	2, 3, 5

Recommended speed is determined in accordance with methodologies, procedures and guidelines contained in the California Manual on Uniform Traffic Control Devices (Caltrans, 2014 Edition) and California

*Reason for Adjustment from 85th Percentile Speed:

1. High accident rate conditions
2. Direct residential access with pedestrian activity
3. Residential area with pedestrian/bicycle activity
4. Commercial area with pedestrian activity and access
5. 10 mph pace speed
6. On-street parking with potential traffic conflicts
7. Consistency with the adjacent roadway segment speed limit
8. Roadway geometrics such as alignment changes, horizontal curves, railroad crossings, and potential obstructions limiting visibility
9. Vicinity to activity area such as park, community center, or hospital
10. Lack of sidewalks
11. Open drainage channel
12. Vicinity to school
13. Change due to existing measured 85th percentile travel speeds
14. For cases in which the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC Section 21400(b).
15. Local Residential Roadway - Set at 25 MPH per CVC
16. Narrow Roadway less than 25 feet wide per CVC.

X Recommended speed limit higher than existing speed limit

X Recommended speed limit lower than existing speed limit

Table 1

City of Redlands 2021 Engineering & Traffic Survey

Speed Survey Summary

Loc. No.	Roadway Segment		Existing Posted Speed Limit	Recommended Speed Limit (MPH)	85th Percentile Speed (MPH)	50th Percentile Speed (MPH)	10 mph Pace Speed (MPH)	Percent Within 10 MPH Pace	Reason for Adjustment from 85th Percentile Speed*
89	Palo Alto Drive	Mirasol Drive to Sunset Drive	25	**30**	36.0	32.0	26 - 35	74%	2, 3, 5
90	Pennsylvania Avenue	Texas Street to Orange Street	30	**35**	41.0	35.0	29 - 38	63%	1, 3, 5, 6
91	Pennsylvania Avenue	Orange Street to Church Street	30	**35**	39.0	33.0	29 - 38	71%	1, 3, 5, 6, 12, 14
92	Pennsylvania Avenue	Church Street to University Street	35	**35**	39.0	33.0	27 - 36	69%	2, 3, 5, 14
93	Pennsylvania Avenue	University Street to Judson Street	35	**35**	42.0	36.0	31 - 40	67%	2, 3, 5, 14
94	Pioneer Avenue	Texas Street to Orange Street	35	**35**	42.0	37.0	32 - 41	72%	3, 5
95	Pioneer Avenue	Orange Street to Occidental Drive	35	**35**	42.0	38.0	32 - 41	65%	2, 3, 5
96	Pioneer Avenue	Occidental Drive to Dearborn Street	35	**45**	48.0	42.0	37 - 46	58%	5, 10, 14
97	Pioneer Avenue	Texas Street to I-210 Freeway	Not Posted	**40**	47.0	41.0	36 - 45	63%	1, 5, 10, 12
98	Redlands Boulevard	California Street to Texas Street	40	**40**	46.0	41.0	38 - 47	71%	1
99	Redlands Boulevard	Texas Street to Eureka Street	35	**35**	41.0	36.0	33 - 42	74%	4, 5
100	Redlands Boulevard	Eureka Street to Citrus Avenue	30	**30**	32.0	29.0	24 - 33	86%	
101	Redlands Boulevard	Citrus Avenue to Highland Avenue	35	**35**	42.0	37.0	33 - 42	73%	10
102	Redlands Boulevard	Highland Avenue to Ford Street	50	**50**	55.0	50.0	45 - 54	69%	1, 5, 10
103	Reservoir Road	Ford Street to Wabash Avenue	45	**50**	53.0	47.0	43 - 52	65%	1, 5, 6, 14
104	Rossmont Drive	Garden Street to Sunset Drive	25	**25**	42.0	36.0	29 - 38	62%	5, 3, 10, 15, 16
105	San Bernardino Avenue	Tennessee Street to Orange Street	45	**45**	48.0	43.0	38 - 47	74%	5, 10, 14
106	San Bernardino Avenue	Orange Street to University Street	35	**40**	44.0	40.0	34 - 43	73%	3, 5, 14
107	San Bernardino Avenue	University Street to Wabash Avenue	45	**45**	46.0	42.0	37 - 46	74%	
108	San Bernardino Avenue	Mountain View Avenue to California Street	45	**50**	53.0	47.0	45 - 54	61%	5, 14
109	San Mateo Street	Brookside Avenue to Fern Avenue	35	**35**	40.0	36.0	32 - 41	82%	2, 3, 5
110	San Mateo Street	Fern Avenue to Highland Avenue	30	**35**	39.0	36.0	33 - 42	85%	2, 3, 5
111	San Timoteo Canyon Road	Fern Avenue to Barton Road	30 -45	**40**	47.0	42.0	38 - 47	70%	1, 2, 5, 10
112	Sunset Drive	Vinton Way to Alta Vista Drive	30	**40**	44.0	38.0	34 - 43	55%	1, 2, 3, 5, 10, 14
113	Sunset Drive	Alta Vista Drive to Panorama Point	25 - 30	**30**	37.0	31.0	26 - 35	66%	1, 2, 3, 5, 10
114	Sunset Drive	Serpentine Road to Vinton Way	25	**25**	31.0	27.0	24 - 33	78%	2, 3, 8, 10
115	Sunset Drive	Panorama Point to Franklin Avenue	25	**35**	39.0	33.0	30 - 39	65%	1, 2, 3, 5, 10, 14
116	Sunnyside Avenue	Fern Avenue to Cypress Avenue	20	**25**	29.0	24.0	20 - 29	81%	1, 2, 3, 5, 10, 14
117	Sunnyside Avenue	Cypress Avenue to Smiley Heights Drive	25	**25**	30.0	26.0	22 - 31	84%	1, 2, 3, 5, 14
118	Tennessee Street and San Mateo Street	Colton Avenue to Brookside Avenue	40	**40**	43.0	40.0	35 - 44	88%	1, 14
119	Terracina Boulevard	Barton Road to Olive Avenue	45	**45**	50.0	45.0	41 -50	72%	2, 3, 5
120	Terracina Boulevard	Olive Avenue to Cypress Avenue	35	**35**	41.0	35.0	30 - 39	69%	5, 6
121	Texas Street	Redlands Boulevard to Lugonia Avenue	40	**35**	42.0	38.0	33 - 42	75%	1
122	Texas Street	Lugonia Avenue to San Bernardino Avenue	40	**35**	40.0	35.0	29 - 38	75%	1
123	Texas Street	San Bernardino Avenue to Domestic Avenue	30	**35**	41.0	35.0	32 - 41	66%	1, 5, 12
124	University Street	Cypress Avenue to Colton Avenue	30	**35**	40.0	36.0	31 - 40	78%	1, 5, 12
125	University Street	Colton Avenue to Lugonia Avenue	35	**35**	40.0	36.0	31 - 40	82%	1, 5, 12
126	University Street	Lugonia Avenue to San Bernardino Avenue	25	**25**	34.0	29.0	20 - 32	68%	2, 3, 5, 14, 15
127	Via Vista Drive	Country Club Drive to Helena Lane	25	**30**	34.0	28.0	23 - 32	59%	2, 3, 5, 14
128	Wabash Avenue	Fifth Avenue to Citrus Avenue	45	**45**	51.0	44.0	42 - 51	61%	1
129	Wabash Avenue	Citrus Avenue to Colton Avenue	35	**40**	47.0	41.0	36 - 45	65%	5, 12
130	Wabash Avenue	Colton Avenue to Sessums Drive	35 - 40	**40**	45.0	41.0	36 - 45	71%	2, 5, 10
131	Wabash Avenue	Fifth Avenue to Panorama Drive	Not Posted	**40**	43.0	38.0	34 - 43	61%	1, 5, 10, 14
132	Wabash Avenue	Reservoir Road to Palo Alto Drive	Not Posted	**35**	38.0	35.0	31 - 40	85%	1, 2, 3, 5, 14

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Table 2

City of Redlands 2021 Engineering & Traffic Survey

Collision Rates for Study Area Roadway Segments

Loc. No.	Roadway Segment	Roadway Limit Segments	Number of Collisions	Number of Months	Link Length (Miles)	2021 ADT[1]	Collision Rate[2]
1	Alabama Street	Barton Road to Park Avenue	9	36	0.73	14,656	0.86
2	Alabama Street	Park Avenue to Lugonia Avenue	33	36	0.67	25,408	1.99
3	Alabama Street	Between city limit line south of Santa Ana River and city limit line north of Santa Ana River	1	36	0.87	21,183	0.05
4	Alessandro Road	Crescent Avenue to Sunset Drive	0	36	0.49	6,071	0.00
5	Alessandro Road	Sunset Drive to Creekside Drive	2	36	0.71	5,671	0.51
6	Alessandro Road	Creekside Drive to San Timoteo Canyon Road	0	36	0.22	4,662	0.00
7	Alta Vista Drive	Florida Street to Sunset Drive	0	36	0.55	2,583	0.00
8	Barton Road	West City Limit to Terracina Boulevard	3	36	0.16	23,545	1.41
9	Barton Road	Terracina Boulevard to Alabama Street	1	36	0.24	16,681	0.33
10	Barton Road	Alabama Street to Lakeside Avenue	6	36	0.31	12,049	1.97
11	Brockton Avenue	New York Street to Texas Street	1	36	0.20	1,288	5.73
12	Brockton Avenue	Texas Street to Church Street	31	36	0.90	5,161	6.65
13	Brockton Avenue	Church Street to Judson Street	9	36	0.91	3,426	2.89
14	Brockton Avenue	Judson Street to Wabash Avenue	2	36	0.90	2,444	0.90
15	Brookside Avenue	Lakeside Avenue to Center Street	10	36	0.65	17,581	0.90
16	Brookside Avenue	Center Street to Eureka Street	3	36	0.28	11,844	1.13
17	Cajon Street	Vine Street to Fern Avenue	3	36	0.26	9,345	1.60
18	Cajon Street	Fern Avenue to Garden Street	15	36	0.90	5,581	2.98
19	California Street	Palmetto Avenue to Almond Avenue (southbound)	3	36	0.66	6,556	0.72
20	California Street	Almond Avenue to Redlands Boulevard	14	36	0.66	21,194	1.04
21	Center Street	State Street to Brookside Avenue	2	36	0.28	7,812	1.12
22	Center Street	Brookside Avenue to Cypress Avenue	6	36	0.66	6,106	1.55
23	Center Street	Cypress Avenue to Crescent Avenue	6	36	0.62	6,967	1.45
24	Center Street	Crescent Avenue to Ridge Street	1	36	0.75	964	1.41
25	Central Avenue	University Street to Judson Street	4	36	0.60	1,221	5.73
26	Church Street	Pioneer Avenue to Redlands Boulevard	24	36	1.83	8,579	1.46
27	Citrus Avenue	Eureka Street to Orange Street	0	36	0.15	9,557	0.00
28	Citrus Avenue	Redlands Boulevard to University Street	12	36	0.50	9,078	2.85
29	Citrus Avenue	University Street to Wabash Avenue	13	36	1.50	10,491	0.80
30	Colton Avenue	Redlands Boulevard to Church Street	70	36	1.80	10,159	3.64
31	Colton Avenue	Church Street to Grove Street	4	36	0.67	7,506	0.82
32	Colton Avenue	Grove Street to Lincoln Street	3	36	0.39	7,942	1.10
33	Colton Avenue	Dearborn Street to Wabash Avenue	1	36	0.40	6,725	0.42
34	Crescent Avenue	Ramona Drive to Serpentine Drive	2	36	1.01	1,618	1.21
35	Crestview Road	Ford Street to Buckingham Drive	0	36	0.81	394	0.00
36	Cypress Avenue	Terracina Boulevard to Center Street	7	36	1.14	5,521	1.09
37	Cypress Avenue	Center Street to Redlands Boulevard	11	36	0.77	7,497	1.93
38	Cypress Avenue	Redlands Boulevard to Citrus Avenue	8	36	0.57	7,574	1.95
39	Dearborn Street	5th Avenue to Colton Avenue	0	36	0.90	4,498	0.00
40	Dearborn Street	Colton Avenue to Lugonia Avenue	0	36	0.42	3,088	0.00
41	Dearborn Street	Lugonia Avenue to San Bernardino Avenue	0	36	0.42	1,656	0.00
42	Dearborn Street	San Bernardino Avenue to Sessums Drive	1	36	0.27	1,305	3.61
43	Elizabeth Street	Garden Street to Crescent Avenue	1	36	0.87	1,427	0.81
44	Fern Avenue	Redlands Boulevard to Cajon Street	0	36	0.87	4,663	0.00

[1] ADT = Average Daily Traffic

[2] Collisions per million vehicle miles traveled

Source for number of collisions: California Highway Patrol (CHP) Statewide Integrated Traffic Records System (SWITRS) database.

Table 2

City of Redlands 2021 Engineering & Traffic Survey

Collision Rates for Study Area Roadway Segments

Loc. No.	Roadway Segment	Roadway Limit Segments	Number of Collisions	Number of Months	Link Length (Miles)	2021 ADT[1]	Collision Rate[2]
45	Fern Avenue	Cajon Street to Center Street	1	36	0.41	4,021	0.68
46	Fern Avenue	Center Street to San Mateo Street	0	36	0.41	3,844	0.00
47	Fern Avenue	San Mateo Street to Terracina Boulevard	4	36	0.62	3,622	1.85
48	Fifth Avenue	Ford Street to Dearborn Street	2	36	0.43	8,435	0.61
49	Fifth Avenue	Dearborn Street to Wabash Avenue	2	36	0.40	6,622	0.85
50	Ford Street	Citrus Avenue to Fifth Avenue	2	36	0.32	5,207	1.44
51	Ford Street	Fifth Avenue to Reservoir Road	5	36	0.45	7,687	1.59
52	Ford Street	Reservoir Road to Sunset Drive	21	36	0.36	8,954	7.54
53	Ford Street	Sunset Drive to Garden Hill Drive	0	36	0.45	2,882	0.00
54	Franklin Avenue	Eucalyptus Drive to Oak Street	0	36	0.38	677	0.00
55	Franklin Avenue	Oak Street to Garden Street	1	36	0.40	757	3.72
56	Garden Street	Mariposa Drive to Cajon Street	2	36	1.24	2,964	0.53
57	Grove Street	Highland Avenue to Citrus Avenue	1	36	0.39	1,132	2.57
58	Grove Street	Citrus Avenue to Brockton Avenue	3	36	0.65	2,619	1.82
59	Highland Avenue	Ford Street to Cajon Street	9	36	0.95	5,125	1.83
60	Highland Avenue	Cajon Street to San Mateo Street	10	36	0.93	6,740	1.59
61	Highland Avenue	San Mateo Street to Serpentine Drive	0	36	0.19	1,655	0.00
62	Judson Street	Citrus Avenue to Colton Avenue	1	36	0.40	6,745	0.42
63	Judson Street	Colton Avenue to Lugonia Avenue	1	36	0.41	5,714	0.48
64	Judson Street	Lugonia Avenue to Pioneer Avenue	2	36	0.66	2,968	1.05
65	Lugonia Avenue	1500' w/o Research Avenue to California Street	1	36	0.78	786	1.65
66	Lugonia Avenue	California Street to Alabama Street (eastbound)	8	36	0.90	5,655	1.57
67	Lugonia Avenue	Alabama Street to Tennessee Street (eastbound)	10	36	0.46	15,112	1.57
68	Lugonia Avenue	Tennessee Street to Texas Street	10	36	0.36	17,580	1.83
69	Lugonia Avenue	Texas Street to Orange Street	5	36	0.41	16,227	0.84
70	Mariposa Drive	Wabash Avenue to Country Club Drive	0	36	0.28	531	0.00
71	Mariposa Drive	Country Club Drive to Garden Street	1	36	0.56	2,933	0.64
72	Mariposa Drive	Halsey Street to Dwight Street	0	36	0.24	130	0.00
73	Mountain View Avenue	I-10 Freeway to Central Avenue (northbound)	8	36	1.21	11,197	0.58
74	New York Street	Colton Avenue to Lugonia Avenue	1	36	0.40	4,327	0.65
75	Olive Avenue	Citrus Avenue to San Mateo Street	5	36	1.16	3,787	1.11
76	Olive Avenue	San Mateo Street to Terracina Boulevard	2	36	0.70	4,343	0.67
77	Orange Street	Lugonia Avenue to Pioneer Avenue	21	36	0.66	12,289	2.67
78	Orange Street	Pioneer Avenue to Hubbard Court	0	36	0.18	17,212	0.00
79	Orange Street	Hubbard Court to City Limits	3	36	0.25	17,324	0.91
80	Orange Tree Lane	California Street to Nevada Street	0	36	0.43	4,079	0.00
81	Orange Tree Lane	Nevada Street to Alabama Street	1	36	0.42	3,298	0.80
82	Pacific Street	Crescent Avenue to Carob Street	0	36	0.26	332	0.00
83	Pacific Street	Carob Street to Ridge Street	2	36	0.41	217	25.20
84	Palm Avenue	Serpentine Drive to San Mateo Street	1	36	0.15	1,103	11.19
85	Palm Avenue	San Mateo Street to Ford Street	21	36	2.12	4,445	2.11
86	Palmetto Avenue	Nevada Street to California Street (westbound)	0	36	0.40	2,475	0.00
87	Palmetto Avenue	California Street to Marigold Avenue	0	36	0.30	1,484	0.00
88	Palo Alto Drive	Country Club Drive to Mirasol Drive	0	36	0.18	1,164	0.00

[1] ADT = Average Daily Traffic

[2] Collisions per million vehicle miles traveled

Source for number of collisions: California Highway Patrol (CHP) Statewide Integrated Traffic Records System (SWITRS) database.

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Loc. No.	Roadway Segment	Roadway Limit Segments	Number of Collisions	Number of Months	Link Length (Miles)	2021 ADT[1]	Collision Rate[2]
89	Palo Alto Drive	Mirasol Drive to Sunset Drive	0	36	0.58	807	0.00
90	Pennsylvania Avenue	Texas Street to Orange Street	3	36	0.28	2,987	4.50
91	Pennsylvania Avenue	Orange Street to Church Street	4	36	0.40	2,702	4.17
92	Pennsylvania Avenue	Church Street to University Street	0	36	0.28	1,732	0.00
93	Pennsylvania Avenue	University Street to Judson Street	1	36	0.53	1,524	1.32
94	Pioneer Avenue	Texas Street to Orange Street	2	36	0.41	5,599	0.98
95	Pioneer Avenue	Orange Street to Occidental Drive	4	36	0.65	5,344	1.19
96	Pioneer Avenue	Occidental Drive to Dearborn Street	2	36	1.02	3,105	0.62
97	Pioneer Avenue	Texas Street to I-210 Freeway	3	36	0.45	4,109	1.78
98	Redlands Boulevard	California Street to Texas Street	59	36	1.97	9,160	3.11
99	Redlands Boulevard	Texas Street to Eureka Street	2	36	0.23	12,597	0.94
100	Redlands Boulevard	Eureka Street to Citrus Avenue	18	36	0.63	15,875	1.87
101	Redlands Boulevard	Citrus Avenue to Highland Avenue	18	36	0.95	15,253	1.23
102	Redlands Boulevard	Highland Avenue to Ford Street	1	36	0.52	13,024	0.16
103	Reservoir Road	Ford Street to Wabash Avenue	2	36	0.34	2,660	2.60
104	Rossmont Drive	Garden Street to Sunset Drive	0	36	0.36	921	0.00
105	San Bernardino Avenue	Tennessee Street to Orange Street	10	36	0.88	12,899	0.88
106	San Bernardino Avenue	Orange Street to University Street	8	36	0.78	10,147	1.02
107	San Bernardino Avenue	University Street to Wabash Avenue	6	36	1.53	7,117	0.53
108	San Bernardino Avenue	Mountain View Avenue to California Street	3	36	0.90	13,197	0.25
109	San Mateo Street	Brookside Avenue to Fern Avenue	3	36	0.40	9,701	0.87
110	San Mateo Street	Fern Avenue to Highland Avenue	5	36	0.66	7,405	1.06
111	San Timoteo Canyon Road	Fern Avenue to Barton Road	15	36	1.22	8,612	1.39
112	Sunset Drive	Vinton Way to Alta Vista Drive	3	36	0.93	867	3.70
113	Sunset Drive	Alta Vista Drive to Panorama Point	1	36	0.47	517	4.48
114	Sunset Drive	Serpentine Road to Vinton Way	2	36	3.09	725	0.84
115	Sunset Drive	Panorama Point to Franklin Avenue	13	36	1.94	1,102	5.78
116	Sunnyside Avenue	Fern Avenue to Cypress Avenue	0	36	0.16	485	0.00
117	Sunnyside Avenue	Cypress Avenue to Smiley Heights Drive	0	36	0.28	402	0.00
118	Tennessee Street and San Mateo Street	Colton Avenue to Brookside Avenue	17	36	0.93	11,194	1.62
119	Terracina Boulevard	Barton Road to Olive Avenue	3	36	0.68	9,075	0.50
120	Terracina Boulevard	Olive Avenue to Cypress Avenue	7	36	0.40	8,379	2.35
121	Texas Street	Redlands Boulevard to Lugonia Avenue	27	36	0.76	8,781	4.11
122	Texas Street	Lugonia Avenue to San Bernardino Avenue	3	36	0.40	4,724	1.79
123	Texas Street	San Bernardino Avenue to Domestic Avenue	3	36	0.41	4,134	2.00
124	University Street	Cypress Avenue to Colton Avenue	29	36	0.64	17,046	2.75
125	University Street	Colton Avenue to Lugonia Avenue	9	36	0.40	11,122	2.25
126	University Street	Lugonia Avenue to San Bernardino Avenue	1	36	0.46	1,519	1.58
127	Via Vista Drive	Country Club Drive to Helena Lane	0	36	0.64	274	0.00
128	Wabash Avenue	Fifth Avenue to Citrus Avenue	0	36	0.39	4,167	0.00
129	Wabash Avenue	Citrus Avenue to Colton Avenue	1	36	0.41	5,805	0.47
130	Wabash Avenue	Colton Avenue to Sessums Drive	2	36	1.30	8,942	0.17
131	Wabash Avenue	Fifth Avenue to Panorama Drive	1	36	0.70	672	2.18
132	Wabash Avenue	Reservoir Road to Palo Alto Drive	4	36	0.88	1,362	3.34

[1] ADT = Average Daily Traffic

[2] Collisions per million vehicle miles traveled

Source for number of collisions: California Highway Patrol (CHP) Statewide Integrated Traffic Records System (SWITRS) database.

Appendix A

California MUTCD Sections

Section 2B.11 Yield Here To Pedestrians Signs and Stop Here For Pedestrians Signs (R1-5 Series)

Standard:

01 **Yield Here To ~~(Stop Here For)~~ Pedestrians (R1-5, R1-5a, ~~R1-5b, or R1-5c~~) signs (see Figure 2B-2) shall be used if yield (stop) lines are used in advance of a marked crosswalk that crosses an uncontrolled multi-lane approach. ~~The Stop Here for Pedestrians signs shall only be used where the law specifically requires that a driver must stop for a pedestrian in a crosswalk.~~ The legend STATE LAW may be displayed at the top of the R1-5, R1-5a, ~~R1-5b, and R1-5c~~ signs, if applicable.**

Support:

01a The Stop Here for Pedestrian signs (R1-5b and R1-5c) are deleted as a stop is not required in California per CVC 21950.

Guidance:

02 *If yield (stop) lines and Yield Here To ~~(Stop Here For)~~ Pedestrians signs are used in advance of a crosswalk that crosses an uncontrolled multi-lane approach, they should be placed 20 to 50 feet in advance of the nearest crosswalk line (see Section 3B.16 and Figure 3B-17), and parking should be prohibited in the area between the yield (stop) line and the crosswalk.*

03 *Yield (stop) lines and Yield Here To ~~(Stop Here For)~~ Pedestrians signs should not be used in advance of crosswalks that cross an approach to or departure from a roundabout.*

Option:

04 Yield Here To ~~(Stop Here For)~~ Pedestrians signs may be used in advance of a crosswalk that crosses an uncontrolled multi-lane approach to indicate to road users where to yield ~~(stop)~~ even if yield (stop) lines are not used.

05 A Pedestrian Crossing (W11-2) warning sign may be placed overhead or may be post-mounted with a diagonal downward pointing arrow (W16-7P) plaque at the crosswalk location where Yield Here To ~~(Stop Here For)~~ Pedestrians signs have been installed in advance of the crosswalk.

Standard:

06 **If a W11-2 sign has been post-mounted at the crosswalk location where a Yield Here To ~~(Stop Here For)~~ Pedestrians sign is used on the approach, the Yield Here To ~~(Stop Here For)~~ Pedestrians sign shall not be placed on the same post as or block the road user's view of the W11-2 sign.**

Option:

07 An advance Pedestrian Crossing (W11-2) warning sign with an AHEAD or a distance supplemental plaque may be used in conjunction with a Yield Here To ~~(Stop Here For)~~ Pedestrians sign on the approach to the same crosswalk.

08 In-Street Pedestrian Crossing signs and Yield Here To ~~(Stop Here For)~~ Pedestrians signs may be used together at the same crosswalk.

Section 2B.12 In-Street and Overhead Pedestrian Crossing Signs (R1-6, R1-6a, R1-9, and R1-9a)

Option:

01 The In-Street Pedestrian Crossing (R1-6 ~~or R1-6a~~) sign (see Figure 2B-2) or the Overhead Pedestrian Crossing (R1-9 ~~or R1-9a~~) sign (see Figure 2B-2) may be used to remind road users of laws regarding right-of-way at an unsignalized pedestrian crosswalk. The legend STATE LAW may be displayed at the top of the R1-6, ~~R1-6a~~, R1-9, and ~~R1-9a~~ signs, if applicable. On the R1-6 ~~and R1-6a~~ signs, the legends ~~STOP or~~ YIELD may be used instead of the appropriate ~~STOP sign or~~ YIELD sign symbol.

02 Highway agencies may develop and apply criteria for determining the applicability of In-Street Pedestrian Crossing signs.

Support:

02a The In-Street Pedestrian crossing (R1-6a) and Overhead Pedestrian Crossing (R1-9a) signs are deleted as a stop is not required in California per CVC 21950.

Standard:

03 **If used, the In-Street Pedestrian Crossing sign shall be placed in the roadway at the crosswalk location on the center line, on a lane line, or on a median island. The In-Street Pedestrian Crossing sign shall not be post-mounted on the left-hand or right-hand side of the roadway.**

04 **If used, the Overhead Pedestrian Crossing sign shall be placed over the roadway at the crosswalk location.**

05 **An In-Street or Overhead Pedestrian Crossing sign shall not be placed in advance of the crosswalk to educate road users about the State law prior to reaching the crosswalk, nor shall it be installed as an educational display that is not near any crosswalk.**

Guidance:

06 *If an island (see Chapter 3I) is available, the In-Street Pedestrian Crossing sign, if used, should be placed on the island.*

Option:

07 If a Pedestrian Crossing (W11-2) warning sign is used in combination with an In-Street or an Overhead Pedestrian Crossing sign, the W11-2 sign with a diagonal downward pointing arrow (W16-7P) plaque may be post-mounted on the right-hand side of the roadway at the crosswalk location.

Standard:

08 **The In-Street Pedestrian Crossing sign and the Overhead Pedestrian Crossing sign shall not be used at signalized locations.**

09 **The STOP FOR legend shall only be used in States where the State law specifically requires that a driver must stop for a pedestrian in a crosswalk.**

10 **The In-Street Pedestrian Crossing sign shall have a black legend (except for the red ~~STOP or~~ YIELD sign symbols) and border on a white background, surrounded by an outer yellow or fluorescent yellow-green background area (see Figure 2B-2). The Overhead Pedestrian Crossing sign shall have a black legend and border on a yellow or fluorescent yellow-green background at the top of the sign and a black legend and border on a white background at the bottom of the sign (see Figure 2B-2).**

11 **Unless the In-Street Pedestrian Crossing sign is placed on a physical island, the sign support shall be designed to bend over and then bounce back to its normal vertical position when struck by a vehicle.**

Support:

12 The Provisions of Section 2A.18 concerning mounting height are not applicable for the In-Street Pedestrian Crossing sign.

Standard:

13 **The top of an In-Street Pedestrian Crossing sign shall be a maximum of 4 feet above the pavement surface. The top of an In-Street Pedestrian Crossing sign placed in an island shall be a maximum of 4 feet above the island surface.**

Option:

14 The In-Street Pedestrian Crossing sign may be used ~~seasonably~~ seasonally to prevent damage in winter because of plowing operations, and may be removed at night if the pedestrian activity at night is minimal.

15 In-Street Pedestrian Crossing signs, Overhead Pedestrian Crossing signs, and Yield Here To ~~(Stop Here For)~~ Pedestrians signs may be used together at the same crosswalk.

Section 2B.13 Speed Limit Sign (R2-1)

Support:

00 The setting of speed limits can be controversial and requires a rational and defensible determination to maintain public confidence. Speed limits are normally set near the 85th-percentile speed that statistically represents one standard deviation above the average speed and establishes the upper limit of what is considered reasonable and prudent. As with most laws, speed limits need to depend on the voluntary compliance of the greater majority of motorists. Speed limits cannot be set arbitrarily low, as this would create violators of the majority of drivers and would not command the respect of the public.

Standard:

01 **Speed zones (other than statutory speed limits) shall only be established on the basis of an engineering and traffic survey (E&TS) ~~study~~ that has been performed in accordance with traffic engineering practices. The engineering study shall include an analysis of the current speed distribution of free-flowing vehicles.**

02 **The Speed Limit (R2-1) sign (see Figure 2B-3) shall display the limit established by law, ordinance, regulation, or as adopted by the authorized agency based on the engineering study. The speed limits displayed shall be in multiples of 5 mph.**

03 **Speed Limit (R2-1) signs, indicating speed limits for which posting is required by law, shall be located at the points of change from one speed limit to another.**

04 **At the downstream end of the section to which a speed limit applies, a Speed Limit sign showing the next speed limit shall be installed. Additional Speed Limit signs shall be installed beyond major intersections and at other locations where it is necessary to remind road users of the speed limit that is applicable.**

05 **Speed Limit signs indicating the statutory speed limits shall be installed at entrances to the State and, where appropriate, at jurisdictional boundaries in urban areas.**

Support:

06 In general, the maximum speed limits applicable to rural and urban roads are established:

A. Statutorily – a maximum speed limit applicable to a particular class of road, such as freeways or city streets, that is established by State law; or

B. As altered speed zones – based on engineering studies.

07 State statutory limits might restrict the maximum speed limit that can be established on a particular road, notwithstanding what an engineering study might indicate.

Option:

08 ~~If a jurisdiction has a policy of installing Speed Limit signs in accordance with statutory requirements only on the streets that enter a city, neighborhood, or residential area to indicate the speed limit that is applicable to the entire city, neighborhood, or residential area unless otherwise posted, a CITYWIDE (R2-5aP), NEIGHBORHOOD (R2-5bP), or RESIDENTIAL (R2-5cP) plaque may be mounted above the Speed Limit sign and an UNLESS OTHERWISE POSTED (R2-5P) plaque may be mounted below the Speed Limit sign (see Figure 2B-3).~~

Guidance:

09 *A Reduced Speed Limit Ahead (W3-5 or W3-5a) sign (see Section 2C.38) should be used to inform road users of a reduced speed zone where the speed limit is being reduced by more than 10 mph, or where engineering judgment indicates the need for advance notice to comply with the posted speed limit ahead.*

10 *States and local agencies should conduct engineering studies at least once every 5, 7 or 10 years, in compliance with CVC Section 40802 to reevaluate non-statutory speed limits on segments of their roadways that have undergone significant changes since the last review, such as the addition or elimination of parking or driveways, changes in the number of travel lanes, changes in the configuration of bicycle lanes, changes in traffic control signal coordination, or significant changes in traffic volumes.*

11 *No more than three speed limits should be displayed on any one Speed Limit sign or assembly.*

12 ~~*When a speed limit within a speed zone is posted, it should be within 5 mph of the 85th percentile speed of free-flowing traffic.*~~

Standard:

12a When a speed limit is to be posted, it shall be established at the nearest 5 mph increment of the 85th-percentile speed of free-flowing traffic, except as shown in the two Options below.

Option:

1. The posted speed may be reduced by 5 mph from the nearest 5 mph increment of the 85th-percentile speed, in compliance with CVC Sections 627 and 22358.5. See Standard below for documentation requirements.
2. For cases in which the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC Section 21400(b).

Standard:

12b If the speed limit to be posted has had the 5 mph reduction applied, then an E&TS shall document in writing the conditions and justification for the lower speed limit and be approved by a registered Civil or Traffic Engineer. The reasons for the lower speed limit shall be in compliance with CVC Sections 627 and 22358.5.

Support:

12c The following examples are provided to explain the application of these speed limit criteria:

Example 1. Using Option 1 above and first step is to round down: If the 85th percentile speed in a speed survey for a location was 37 mph, then the speed limit would be established at 35 mph since it is the closest 5 mph increment to the 37 mph speed. As indicated by the option, this 35 mph established speed limit could be reduced by 5 mph to 30 mph if

the conditions and justification for using this lower speed limit are documented in the E&TS and approved by a registered Civil or Traffic Engineer.

Example 2. Using Option 1 above and first step is to round up: If the 85th percentile speed in a speed survey for a location was 33 mph, then the speed limit would be established at 35 mph since it is the closest 5 mph increment to the 33 mph speed. As indicated by the option, this 35 mph speed limit could be reduced by 5 mph to 30 mph if the conditions and justification for using this lower speed limit are documented in the E&TS and approved by a registered Civil or Traffic Engineer.

Example 3. Using Option 2 above and first step is to round up: If the 85th percentile speed in a speed survey for a location was 33 mph, instead of rounding up to 35mph, the speed limit can be established at 30mph, but no further reductions can be applied (which is allowed in the two examples above).

Standard:

12d Examples 1 and 2 for establishing posted speed limits shall apply to engineering and traffic surveys (E&TS) performed on or after July 1, 2009 in accordance with Caltrans' Traffic Operations Policy Directive Number 09-04 dated June 29, 2009.

Option:

12e After January 1, 2012, Example 3 may be used to establish speed limits. Refer to CVC 21400(b).

Support:

12f Any existing E&TS that was performed before July 1, 2009 in accordance with previous traffic control device standards is not required to comply with the new criteria until it is due for reevaluation per the 5, 7 or 10 year criteria.

13 *Speed studies for signalized intersection approaches should be taken outside the influence area of the traffic control signal, which is generally considered to be approximately 1/2 mile, to avoid obtaining skewed results for the 85th-percentile speed.*

Support:

14 Advance warning signs and other traffic control devices to attract the motorist's attention to a signalized intersection are usually more effective than a reduced speed limit zone.

Guidance:

15 *An advisory speed plaque (see Section 2C.08) mounted below a warning sign should be used to warn road users of an advisory speed for a roadway condition. A Speed Limit sign should not be used for this situation.*

Option:

16 Other factors that may be considered when establishing or reevaluating speed limits are the following:

A. Road characteristics, shoulder condition, grade, alignment, and sight distance;

B. The pace;

C. Roadside development and environment;

D. Parking practices and pedestrian activity; and

E. Reported crash experience for at least a 12-month period.

17 Two types of Speed Limit signs may be used: one to designate passenger car speeds, including any nighttime information or minimum speed limit that might apply; and the other to show any special speed limits for trucks and other vehicles.

18 A changeable message sign that changes the speed limit for traffic and ambient conditions may be installed provided that the appropriate speed limit is displayed at the proper times.

19 A changeable message sign that displays to approaching drivers the speed at which they are traveling may be installed in conjunction with a Speed Limit sign.

Guidance:

20 *If a changeable message sign displaying approach speeds is installed, the legend YOUR SPEED XX MPH or such similar legend should be displayed. The color of the changeable message legend should be a yellow legend on a black background or the reverse of these colors.*

Support:

21 Advisory Speed signs and plaques are discussed in Sections 2C.08 and 2C.14. Temporary Traffic Control Zone Speed signs are discussed in Part 6. The WORK ZONE (G20-5aP) plaque intended for installation above a Speed Limit sign is discussed in Section 6F.12. School Speed Limit signs are discussed in Section 7B.15.

22 Speed limits in California are governed by the California Vehicle Code (CVC), Sections 22348 through 22413; also, pertinent sections are found in Sections 627 and 40802 and others referenced in this section. See Section 1A.11 for information regarding this publication.

23 Refer to Part 6, Section 6C.01 for speed limit signs in temporary traffic control zones. Refer to Part 7 for speed limit signs in school areas.

Engineering and Traffic Survey (E&TS)

Support:

24 CVC Section 627 defines the term "Engineering and traffic survey" and lists its requirements.

Standard:

25 An engineering and traffic survey (E&TS) shall include, among other requirements deemed necessary by Caltrans, consideration of all of the following:

A. Prevailing speeds as determined by traffic engineering measurements.
B. Collision records.
C. Highway, traffic, and roadside conditions not readily apparent to the driver.

Guidance:

26 The E&TS should contain sufficient information to document that the required three items of CVC Section 627 are provided and that other conditions not readily apparent to a driver are properly identified.

27 Prevailing speeds are determined by a speed zone survey. A speed zone survey should include:

A. The intent of the speed measurements is to determine the actual speed of unimpeded traffic. The speed of traffic should not be altered by concentrated law enforcement, or other means, just prior to, or while taking the speed measurements.
B. Only one person is required for the field work. Speeds should be read directly from a radar or other electronic speed measuring devices; or,
C. Devices, other than radar, capable of accurately distinguishing and measuring the unimpeded speed of free flowing vehicles may be used.
D. A location should be selected where prevailing speeds are representative of the entire speed zone section. If speeds vary on a given route, more than one speed zone section may be required, with separate measurements for each section. Locations for measurements should be chosen so as to minimize the effects of traffic signals or stop signs.
E. Speed measurements should be taken during off-peak hours between peak traffic periods on weekdays. If there is difficulty in obtaining the desired quantity, speed measurements may be taken during any period with free flowing traffic.
F. The weather should be fair (dry pavement) with no unusual conditions prevailing.
G. The surveyor and equipment should not affect the traffic speeds. For this reason, an unmarked car is recommended, and the radar speed meter located as inconspicuously as possible.
H. In order for the sample to be representative of the actual traffic flow, the minimum sample should be 100 vehicles in each survey. In no case should the sample contain less than 50 vehicles.
I. Short speed zones of less than 0.5 miles should be avoided, except in transition areas.
J. Speed zone changes should be coordinated with changes in roadway conditions or roadside development.
K. Speed zoning should be in 10 mph increments except in urban areas where 5 mph increments are preferable.
L. Speed zoning should be coordinated with adjacent jurisdictions.

Support:

28 Physical conditions such as width, curvature, grade and surface conditions, or any other condition readily apparent to the driver, in the absence of other factors, would not require special downward speed zoning. Refer to CVC 22358.5.

Option:

29 When qualifying an appropriate speed limit, local authorities may also consider all of the following findings:

A. Residential density, if any of the following conditions exist on the particular portion of highway and the property contiguous thereto, other than a business district:
    1. Upon one side of the highway, within 0.25 miles, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures.
    2. Upon both sides of the highway, collectively, within a distance of 0.25 miles the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures.

3. The portion of highway is larger than 0.25 miles but has the ratio of separate dwelling houses or business structures to the length of the highway described in either subparagraph 1 or 2 above.

B. Pedestrian and bicyclist safety.

30 The following two methods of conducting E&TS may be used to establish speed limits:

1. State Highways - The E&TS for State highways is made under the direction of the Caltrans District Traffic Engineer. The data includes:
   a. One copy of the Example of Speed Zone Survey Sheet (See Figure 2B-101(CA)) showing:
      - A north arrow
      - Engineer's station or post mileage
      - Limits of the proposed zones
      - Appropriate notations showing type of roadside development, such as "scattered business," "solid residential," etc. Schools adjacent to the highway are shown, but other buildings need not be plotted unless they are a factor in the speed recommendation or the point of termination of a speed zone.
      - Collision rates for the zones involved
      - Average daily traffic volume
      - Location of traffic signals, signs and markings
      - If the highway is divided, the limits of zones for each direction of travel
      - Plotted 85th percentile and pace speeds at location taken showing speed profile
   b. A report to the District Director that includes:
      - The reason for the initiation of speed zone survey.
      - Recommendations and supporting reasons.
      - The enforcement jurisdictions involved and the recommendations and opinions of those officials.
      - The stationing or reference post in mileage at the beginning and ending of each proposed zone and any intermediate equations. Location ties must be given to readily identifiable physical features.
2. City and County Through Highways, Arterials, Collector Roads and Local Streets.
   a. The short method of speed zoning is based on the premise that a reasonable speed limit is one that conforms to the actual behavior of the majority of motorists, and that by measuring motorists' speeds, one will be able to select a speed limit that is both reasonable and effective. Other factors that need to be considered include but are not limited to: the most recent two-year collision record, roadway design speed, safe stopping sight distance, superelevation, shoulder conditions, profile conditions, intersection spacing and offsets, commercial driveway characteristics, and pedestrian traffic in the roadway without sidewalks.
   b. Determination of Existing Speed Limits - Figures 2B-103(CA) & 2B-104(CA) show examples of data sheets which may be used to record speed observations. Specific types of vehicles may be tallied by use of letter symbols in appropriate squares.

31 In most situations, the short form for local streets and roads will be adequate; however, the procedure used on State highways may be used at the option of the local agency.

Guidance:

32 *The factors justifying a reduction below the 85th percentile speed for the posted speed limit are the same factors mentioned above. Whenever such factors are considered to establish the speed limit, they should be documented on the speed zone survey or the accompanying engineering report.*

33 *The establishment of a speed limit of more than 5 mph below the 85th percentile speed should be done with great care as studies have shown that establishing a speed limit at less than the 85th percentile generally results in an increase in collision rates; in addition, this may make violators of a disproportionate number of the reasonable majority of drivers.*

Support:

34 Generally, the most decisive evidence of conditions not readily apparent to the driver surfaces in collision histories.

35 Speed limits are established at or near the 85th percentile speed, which is defined as that speed at or below which 85th percent of the traffic is moving. The 85th percentile speed is often referred to as the critical speed. Pace speed is defined as the 10 mph increment of speed containing the largest number of vehicles (See Figure 2B-102(CA)). The lower limit of the pace is plotted on the Speed Zone Survey Sheets as an aid in determining the proper zone limits. Speed limits higher than the 85th percentile are not generally considered reasonable and prudent. Speed limits below the 85th percentile do not ordinarily

facilitate the orderly movement of traffic and require constant enforcement to maintain compliance. Speed limits established on the basis of the 85th percentile conform to the consensus of those who drive highways as to what speed is reasonable and prudent, and are not dependent on the judgment of one or a few individuals.

36 The majority of drivers comply with the basic speed law. Speed limits set at or near the 85th percentile speed provide law enforcement officers with a limit to cite drivers who will not conform to what the majority considers reasonable and prudent. Further studies show that establishing a speed limit at less than the 85th percentile (Critical Speed) generally results in an increase in collision rates.

Option:

37 When roadside development results in traffic conflicts and unusual conditions which are not readily apparent to drivers, as indicated in collision records, speed limits somewhat below the 85th percentile may be justified. Concurrence and support of enforcement officials are necessary for the successful operation of a restricted speed zone.

Guidance:

38 *Speed zones of less than 0.5 miles and short transition zones should be avoided.*

Signs

Standard:

39 The Speed Limit (R2-1) sign shall be used to give notice of a prima facie or maximum speed limit except as provided under Prima Facie Speed Limits in CVC 22352.

40 When used, the TRUCKS, 3 AXLES OR MORE 55 MAXIMUM (R6-3(CA)) sign shall be installed approximately 750 feet following each R2-1 sign.

41 The ALL VEHICLES WHEN TOWING 55 MAXIMUM (R6-4(CA)) sign shall be installed approximately 750 feet following the R6-3(CA) sign.

Guidance:

42 *The R6-3(CA) and R6-4(CA) signs should be placed on highway segments where speeds in excess of 55 mph are permitted.*

Option:

43 The existing AUTOS WITH TRAILERS, TRUCKS 55 MAXIMUM (R6-1(CA)) sign may remain in place until it is knocked down, damaged, stolen, vandalized, or otherwise reaches the end of its useful life.

44 The local California Highway Patrol office may be consulted to identify highway segments where enforcement is an issue. On these segments early replacement of existing R6-1(CA) signs may be necessary.

Support:

45 Refer to CVC Section 22406 for types of vehicles subject to the 55 mph maximum speed limit.

Option:

46 The Speed Zone Ahead (R2-4(CA)) sign (see Figure 2B-3(CA)) may be used to inform the motorist of a reduced speed zone.

Standard:

47 The R2-4(CA) sign shall always be followed by a Speed Limit (R2-1) sign installed at the beginning of the zone where the reduced speed limit applies.

48 The End Speed Limit (R3(CA)) sign shall only be used to mark the end of a speed zone.

49 The R3(CA) sign shall not be used at a transition into a change in speed limits within a reduced zone.

Option:

50 The R3(CA) sign (see Figure 2B-3(CA)) may be used with the TRUCK (M4-4) plaque to mark the end of truck speed zones on descending grades.

Standard:

51 Speed limit signs shall be placed at the beginning of all restricted speed zones.

Option:

52 Where speed zones are longer than 1 mile, intermediate signs may be placed at approximate 1 mile intervals. For three or more lanes in each direction, dual installation may be used.

Standard:

53 The Speed Limit (R2-1) and End Speed Limit (R3(CA)) signs, as appropriate shall be placed at the end of all restricted speed zones.

54 Freeways with 65 mph and those segments where a speed limit of 70 mph has been approved by Caltrans, with approval by the California Highway Patrol, shall be posted as follows:

- At the segment entrance, R2-1 signs shall be installed right of traffic off of the right shoulder.
- R2-1 signs shall also be installed off of the right shoulder only, throughout the segment, at a maximum of 25 mile intervals.

Option:

- The 25 mile interval may be modified to include locations following entrance ramps.

Standard:

- The R6-3(CA) sign (see Figure 2B-3(CA)) shall be installed approximately 750 feet following each R2-1 sign, both at the beginning and throughout each 60, 65 or 70 mph segment.
- The R6-4(CA) sign (see Figure 2B-3(CA)) shall be installed approximately 750 feet following each R6-3(CA) sign.

Option:

- The SLOWER TRAFFIC KEEP RIGHT (R4-3) signs may be installed at locations where there is a tendency of the motorists to drive in the left-hand lane(s) below the normal speed of traffic.

Standard:

- Signs shall be placed in protected locations.
- At the end of the 70/65 mph segment, R2-1 signs shall be installed off of the right shoulder.

55 Freeway segments where a 55 mph speed limit has been approved by Caltrans, with the approval of the California Highway Patrol, shall be posted as follows:

- The beginning of the segment shall be posted with an R2-1 sign installed on the right shoulder and left shoulder where the median is of sufficient width to permit sign maintenance without lane closures.

Guidance:

- *Subsequent signs should then be posted on the right shoulder, on approximate 3 mile intervals, with no more than 3 interchanges between signs.*
- *At the end of the segment, an R2-1 sign with the appropriate number for the next speed limit should be posted on the right shoulder.*

56 *Conventional highways with 55 mph speed limits should be posted as follows:*

Standard:

- The beginning of the segment shall be posted with an R2-1 sign installed on the right shoulder.

Guidance:

- *Subsequent signs should then be posted on approximate 5 to 10 mile intervals and immediately after locations where significant volumes of traffic enter the segment.*
- *At the end of the segment, an R2-1 sign with the appropriate number for the next speed limit should be posted on the right shoulder.*

Conventional highways with 65 mph speed limits should be posted as follows:

- *The beginning of the segment should be posted with an R2-1 sign installed on the right shoulder.*
- *Subsequent signs should then be posted at 5 to 10 mile intervals and after locations where significant volumes of traffic enter the segment.*
- *At the end of the segment, an R2-1 sign with the appropriate number for the next speed limit should be posted on the right shoulder.*

Option:

57 Pavement markings with appropriate numerals (see Section 3B.21) may be used to supplement speed limit signs.

Standard:

58 The R2-1 and R6-3(CA) and R6-4(CA) signs giving maximum statewide speed limits for various types of vehicles shall be installed on all State highways near the points of entrance into California.

Guidance:

59 *The R2-1 and R6-3(CA) and R6-4(CA) signs should be placed in a location to be most effectively viewed by the approaching motorists.*

Standard:

60 Speed Limit (R2-1) signs shall be installed throughout segments of freeway with posted speed limits of 65 mph or 70 mph at a maximum of 25 mile intervals.

Option:

61 The 25 mile interval may be modified to include locations following entrance ramps.

Standard:

62 Speed Limit (R2-1) signs shall be installed throughout segments of conventional highways with a posted speed limit of 65 mph at 5 mile to 10 mile intervals.

63 Speed Limit (R2-1) signs shall be installed throughout segments of freeway with a posted speed limit of 55 mph at approximately 3 mile intervals with no more than 3 interchanges between signs.

64 Speed Limit (R2-1) signs shall be installed throughout segments of conventional highways with a posted speed limit of 55 mph at 5 mile to 10 mile intervals.

Speed Enforced Signs

Option:

65 The SPEED ENFORCED BY RADAR (R48(CA)) sign (see Figure 2B-3(CA)) may be used where the California Highway Patrol has received authority to use radar and requests such signs.

Guidance:

66 *One sign should be used in each direction at the beginning of the segment of roadway, and at intervening major route intersections, where radar enforcement is in effect.*

Support:

67 The R48(CA) sign is a stand-alone sign intended to alert motorists that speed is enforced by radar on a particular segment of roadway.

Option:

68 The RADAR ENFORCED (R48-1(CA)) sign (see Figure 2B-3(CA)) may be used in combination with the Speed Limit (R2-1) sign on any roadway where law enforcement has the authority to use radar.

Guidance:

69 *When used, the R48-1(CA) sign should be placed below the R2-1 sign, at the beginning of the segment of roadway and at intervening major intersections, where radar enforcement is in effect.*

Option:

70 The SPEED ENFORCED BY AIRCRAFT (R48-2(CA)) sign (see Figure 2B-3(CA)) may be placed, when requested by the California Highway Patrol, on sections of highway regularly patrolled by aircraft.

Standard:

71 The R48-2(CA) sign shall be used for both directions of travel.

Guidance:

72 *The R48-2(CA) sign should be placed at the beginning of the section and spaced at 25 mile intervals. See Figure 3B-105(CA).*

Vehicle Speed Feedback Signs

Option:

73 A Vehicle Speed Feedback sign that displays to approaching drivers the speed at which they are traveling may be installed in conjunction with a Speed Limit (R2-1) sign.

Standard:

74 If a Vehicle Speed Feedback sign displaying approach speeds is installed, the legend shall be YOUR SPEED XX. The numerals displaying the speed shall be white, yellow, yellow-green or amber color on black background. When activated, lights shall be steady-burn conforming to the provisions of CVC Sections 21466 and 21466.5. Vehicle Speed Feedback signs shall not alternatively be operated as variable speed limit signs.

Guidance:

75 *To the degree practical, numerals for displaying approach speeds should be similar font and size as numerals on the corresponding Speed Limit (R2-1) sign.*

Option:

76 When used, the Vehicle Speed Feedback sign may be mounted on either a separate support or on the same support as the Speed Limit (R2-1) sign.

77 In lieu of lights, legend may be retroreflective film for flip-disk systems.

78 The legend YOUR SPEED may be white on black plaque located above the changeable speed display.

Support:

79 Driver comprehension may improve when the Vehicle Speed Feedback Sign is mounted on the same support below the Speed Limit (R2-1) sign.

80 Vehicle Speed Feedback Signs are appropriate for use with advisory speed signs and with temporary signs in temporary traffic control zones.

Basic Speed Law and Prima Facie Speed Limits – See CVC 22350 & 22352

Support:

81 The basic speed law states "No person shall drive a vehicle upon a highway at a speed greater than is reasonable or prudent having due regard for weather, visibility, the traffic on, and the surface and width of, the highway, and in no event at a speed which endangers the safety of persons or property."

Standard:

82 Prima facie speed limits are specific limits and shall apply unless changed based upon an engineering and traffic survey (E&TS) and signs are posted that display the new speed limit.

Option:

83 Prima facie speed limits may be preempted by the basic speed law, when roadway, traffic or weather conditions warrant a lower speed.

Use of Metric System Designations – See CVC 21351.3

Option:

84 Dual units for speed limits on signs may be placed on local streets and roads in both Metric and English units.

Guidance:

85 *If used, dual unit speed limits should be rounded to the nearest 10 km/h for Metric and 5 mph for English units for posting on signs on local streets and roads.*

Support:

86 Refer to AASHTO's Traffic Engineering Metric Conversion Factors. See Section 1A.11 for information regarding this publication.

Standard:

87 Metric speed limits shall not be placed on State highways. For use in this California MUTCD, 70 mph shall be shown as a metric equivalent of 110 km/h, neither of which shall be used on any local street or road.

Legal Authority for Establishing Speed Limits

Support:

88 Delegation of legal authority to set speed limits on State highways is given to Caltrans District Directors. The District Director of each transportation district is authorized to issue orders regulating the speed of traffic, up to 65 mph on State highways. The Director of Caltrans retains the authority to approve variable, minimum, and maximum speeds up to 70 mph on State freeways.

Standard:

89 The speed limits shown in Table 2B-101(CA) shall apply, unless changed upon the basis of an engineering and traffic survey (E&TS).

Option:

90 The speed limits shown in Table 2B-102(CA) may apply, unless changed upon E&TS.

Variable Speed Limits on Freeways - See CVC 22355

Option:

91 The following speed limits may apply:

- Whenever Caltrans determines based upon an engineering and traffic survey (E&TS) that the safe and orderly movement of traffic upon any freeway segment will be facilitated by the establishment of variable speed limits.
- Caltrans may erect, regulate, and control signs upon the state highway which is a freeway, or any portion thereof, which, if used, signs shall be designed to permit display of different speeds at various times of the day or night.
- Such signs need not conform to the standards & specifications per CVC 21400, but if used, shall be of sufficient size and clarity to give adequate notice of the applicable speed limit.

Minimum Speed Limits on State Highways - See CVC 22400

Option:

92 The following speed limits may apply:

- Whenever Caltrans determines based upon an engineering and traffic survey (E&TS) that slow speeds on any part of a state highway consistently impede the normal and reasonable movement of traffic, Caltrans may determine and declare a minimum speed limit. Appropriate signs giving notice shall then be installed on that segment.
- A motorist can be cited for stopping or impeding the normal and reasonable movement of traffic unless the stop is necessary for safe operation and in compliance with the law.

Speed Traps

Support:

93 Refer to CVC 40802 for Speed Traps.

Standard:

94 A speed trap shall not apply to a local street, road, or school zone.

95 A section of highway shall be defined as a speed trap if the prima facie speed limit is not justified by an engineering and traffic survey (E&TS) within five years, and the enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects.

96 This time provision shall be extended to seven years when using radar and all of the following criteria are met:

- The arresting officer has successfully completed a minimum of 24 hours of certified radar operator course training.
- The radar used to measure the speed meets or exceeds the minimal operational standards of the National Traffic Highway Safety Administration, and has been calibrated within three years of the alleged violation.

97 This time provision shall be extended to seven years when using laser or other electronic device (other than radar) and all of the following criteria are met:

- The arresting officer has successfully completed a minimum of 24 hours of certified radar operator course training.
- The arresting officer has successfully completed a minimum of 2 hours of additional approved certified training.
- The radar used to measure the speed meets or exceeds the minimal operational standards of the National Traffic Highway Safety Administration, and has been calibrated within three years of the alleged violation.

Option:

98 This time provision for an E&TS may be extended to ten years when all of the above conditions are met and no significant changes in roadway or traffic conditions have occurred, including changes in adjoining property or land use, roadway width, or traffic volume as determined by a registered engineer.

Truck Speed Zone on Descending Grades

Guidance:

99 *Highway descending grades, if used for posting TRUCK Speed Limit signs (R2-1 and M4-4) for trucks travelling downhill, should have recorded incident history of runaway commercial vehicles. Descending grades shorter than 1 mile should be avoided for posting signs because deceleration of vehicles due to braking action can generally provide sufficient control on descending grades of less than 1 mile.*

Support:

100 To establish a downhill truck speed limit, a physical profile showing length and gradient and a downhill speed profile for three or more axle commercial vehicles with a gross rating of 10,000 lbs. or more will be provided.

Standard:

101 Speed profiles for truck speed limits shall be prepared on the same form as other speed surveys. An analysis of collisions involving trucks shall be prepared.

Guidance:

102 *Posted speeds should be on the low side of the scale, generally within the pace of loaded commercial vehicles.*

Standard:

103 If warranted, the Caltrans District Director shall issue a standard speed zone order.

Support:

104 Posting of the regulation will be by placement of a standard 36 x 45 inch Speed Limit (R2-1) sign with a TRUCK (M4-4) plate above.

Standard:

105 A standard End Speed Limit (R3(CA)) sign with TRUCK (M4-4) plate shall be posted at the end of the truck zone when appropriate.

Speed Zones in Temporary Traffic Control Areas

Support:

106 For signing and establishing speed zones in temporary traffic control areas, refer to Section 6C.01 in Part 6.

Section 2B.14 Truck Speed Limit Plaque (R2-2P)

Standard:

01 **Where a special speed limit applies to trucks or other vehicles, the legend TRUCKS XX or such similar legend shall be displayed below the legend Speed Limit XX on the same sign ~~or on a separate R2-2P plaque (see Figure 2B-3) below the standard legend.~~**

02 The Truck Speed Limit (R2-2) sign shall not be used in California. The TRUCK (M4-4) plaque placed above the Speed Limit (R2-1) sign shall be used instead.

03 The TRUCK (M4-4) plaque shall be placed above the Speed Limit (R2-1) sign to indicate the truck speed limit. It shall also be placed above the End Speed Limit (R3(CA)) sign to mark the end of truck speed limits.

Support:

04 Refer to Section 2B.13 for more details.

Section 2B.15 Night Speed Limit Plaque (R2-3P)

Standard:

01 **Where different speed limits are prescribed for day and night, both limits shall be posted.**

Guidance:

02 *A Night Speed Limit (R2-3P) plaque (see Figure 2B-3) should be reversed using a white retroreflectorized legend and border on a black background.*

Option:

03 A Night Speed Limit plaque may be combined with or installed below the standard Speed Limit (R2-1) sign.

Support:

04 Refer to CVC 22355.

Section 2B.16 Minimum Speed Limit Plaque (R2-4P)

Standard:

01 **A Minimum Speed Limit (R2-4P) plaque (see Figure 2B-3) shall be displayed only in combination with a Speed Limit sign.**

Option:

02 Where engineering judgment determines that slow speeds on a highway might impede the normal and reasonable movement of traffic, the Minimum Speed Limit plaque may be installed below a Speed Limit (R2-1)

sign to indicate the minimum legal speed. If desired, the Speed Limit sign and the Minimum Speed Limit plaque may be combined on the R2-4a sign (see Figure 2B-3).

Support:

03 Refer to CVC 22400.

Section 2B.17 Higher Fines Signs and Plaque (R2-6P, R2-10, and R2-11)

Standard:

01 **If increased fines are imposed for traffic violations within a designated zone of a roadway, a BEGIN ~~HIGHER~~ DOUBLE FINES ZONE (R2-10) sign (see Figure 2B-3) or a FINES ~~HIGHER~~ DOUBLE (R2-6P) plaque (see Figure 2B-3) shall be used to provide notice to road users. If used, the FINES ~~HIGHER~~ DOUBLE plaque shall be mounted below an applicable regulatory or warning sign in a temporary traffic control zone, a school zone, or other applicable designated zone.**

02 **If an R2-10 sign or an R2-6P plaque is posted to provide notice of increased fines for traffic violations, an END ~~HIGHER~~ DOUBLE FINES ZONE (R2-11) sign (see Figure 2B-3) shall be installed at the downstream end of the zone to provide notice to road users of the termination of the increased fines zone.**

Guidance:

03 *If used, the BEGIN ~~HIGHER~~ DOUBLE FINES ZONE sign or FINES ~~HIGHER~~ DOUBLE plaque should be located at the beginning of the temporary traffic control zone, school zone, or other applicable designated zone and just beyond any interchanges, major intersections, or other major traffic generators.*

Standard:

04 **The ~~Higher~~ Double Fines signs and plaque shall have a black legend and border on a white rectangular background. All supplemental plaques mounted below the ~~Higher~~ Double Fines signs and plaque shall have a black legend and border on a white rectangular background.**

Guidance:

05 *Agencies should limit the use of the ~~Higher~~ Double Fines signs and plaque to locations where work is actually underway, or to locations where the roadway, shoulder, or other conditions, including the presence of a school zone and/or a reduced school speed limit zone, require a speed reduction or extra caution on the part of the road user.*

Option:

06 Alternate legends such as BEGIN (or END) DOUBLE FINES ZONE may also be used for the R2-10 and R2-11 signs.

07 The legend FINES HIGHER on the R2-6P plaque may be replaced by FINES DOUBLE (R2-6aP), $XX FINE (R2-6bP), or another legend appropriate to the specific regulation (see Figure 2B-3).

08 ~~The following may be mounted below an R2-10 sign or R2-6P plaque:~~

~~A. A supplemental plaque specifying the times that the higher fines are in effect (similar to the S4-1P plaque shown in Figure 7B-1), or~~

~~B. A supplemental plaque WHEN CHILDREN (WORKERS) ARE PRESENT, or~~

~~C. A supplemental plaque WHEN FLASHING (similar to the S4-4P plaque shown in Figure 7B-1) if used in conjunction with a yellow flashing beacon.~~

Support:

09 Section 6F.12 contains information regarding other signs and plaques associated with increased fines for traffic violations in temporary traffic control zones. ~~Section 7B.10 contains information regarding other signs and plaques associated with increased fines for traffic violations in designated school zones.~~

10 In California, as per CVC only doubling of the fines is allowed, not higher fines of other denominations. Refer to Section 6F.12 and CVC 42009 for fines for offenses committed in highway construction or maintenance area.

Standard:

11 The SPECIAL DRIVING ZONE BEGINS HERE – DOUBLE FINE ZONE (SR53(CA)) sign (see Figure 2B-3(CA)) shall be placed at the beginning of those portions of highways designated and identified as Safety Enhancement – Double Fine Zones per CVC 42010.

12 The SPECIAL DRIVING ZONE ENDS HERE (SR55(CA)) sign (see Figure 2B-3(CA)) shall be placed at the end of those portions of highways designated and identified as Safety Enhancement – Double Fine Zones per CVC 42010.

Appendix B

Speed Survey Statistical Summary Sheets

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	1	0	55	X	1
54	2	0	54	X X	2
53	0	0	53		0
52	1	0	52	X	1
51	1	1	51	X / X	2
50	0	1	50	X	1
49	1	3	49	X / X X X	4
48	2	2	48	X X / X X	4
47	1	2	47	X / X X	3
46	0	1	46	X	1
45	6	0	45	X X X X X X	6
44	1	3	44	X / X X X	4
43	3	3	43	X X X / X X X	6
42	5	5	42	X X X X X / X X X X X	10
41	6	4	41	X X X X X X / X X X X	10
40	1	2	40	X / X X	3
39	7	5	39	X X X X X X X / X X X X X	12
38	4	4	38	X X X X / X X X X	8
37	4	5	37	X X X X / X X X X X	9
36	2	1	36	X X / X	3
35	1	6	35	X / X X X X X X	7
34	1	1	34	X / X	2
33	0	1	33	X	1
32	0	0	32		0
31	0	0	31		0
30	0	0	30		0
29	0	0	29		0
28	0	0	28		0
27	0	0	27		0
26	0	0	26		0
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

PACE * * * * * * *

Location: Alabama Street

Between: Barton Road - Park Avenue

Weather: Clear

Date: 8/25/21

Time From: 11:25

Time To: 11:45

Existing Speed Limit: 45 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	18%	20%	25%
% In Pace:	78%	76%	72%
% Under Pace:	4%	4%	3%
Average Speed:	42 MPH	41 MPH	42 MPH
Pace Speed:	36 - 45 MPH	35 - 44 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	37 MPH	35 MPH	37 MPH
50th Percentile / Critical Speed:	41 MPH	40 MPH	41 MPH
85th Percentile / Critical Speed:	48 MPH	47 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	1	46		X	1	
45	3	1	45	X X X	X	4	
44	1	1	44	X	X	2	
43	0	4	43		X X X X	4	
42	1	6	42	X	X X X X X X	7	*
41	3	5	41	X X X	X X X X X	8	*
40	1	3	40	X	X X X	4	*
39	8	6	39	X X X X X X X X	X X X X X X	14	
38	6	6	38	X X X X X X	X X X X X X	12	
37	4	5	37	X X X X	X X X X X	9	
36	7	4	36	X X X X X X X	X X X X	11	
35	5	4	35	X X X X X	X X X X	9	*
34	5	0	34	X X X X X		5	*
33	3	2	33	X X X	X X	5	*
32	3	2	32	X X X	X X	5	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Alabama Street

Between: Park Avenue - Lugonia Avenue

Weather: Clear

Date: 8/25/21

Time From: 11:05

Time To: 11:25

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	4%	11%
% In Pace:	90%	88%	84%
% Under Pace:	0%	8%	5%
Average Speed:	37 MPH	39 MPH	38 MPH
Pace Speed:	32 - 41 MPH	35 - 44 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	34 MPH	35 MPH	34 MPH
50th Percentile / Critical Speed:	37 MPH	39 MPH	38 MPH
85th Percentile / Critical Speed:	41 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

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Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	VEH.	PACE
75	0	0	75			0	
74	0	0	74			0	
73	0	0	73			0	
72	0	0	72			0	
71	0	0	71			0	
70	0	0	70			0	
69	0	0	69			0	
68	0	0	68			0	
67	0	0	67			0	
66	0	0	66			0	
65	0	3	65		X X X	3	
64	0	1	64		X	1	
63	0	0	63			0	
62	0	0	62			0	
61	1	1	61	X	X	2	
60	1	0	60	X		1	
59	1	2	59	X	X X	3	
58	3	3	58	X X X	X X X	6	
57	1	4	57	X	X X X X	5	
56	1	3	56	X	X X X	4	*
55	3	2	55	X X X	X X	5	*
54	1	3	54	X	X X X	4	*
53	3	0	53	X X X		3	P
52	3	4	52	X X X	X X X X	7	A
51	3	5	51	X X X	X X X X X	8	C
50	2	3	50	X X	X X X	5	E
49	9	5	49	X X X X X X X X X	X X X X X	14	*
48	6	1	48	X X X X X X	X	7	*
47	3	4	47	X X X	X X X X	7	*
46	0	2	46		X X	2	
45	2	1	45	X X	X	3	
44	2	1	44	X X	X	3	
43	2	2	43	X X	X X	4	
42	1	0	42	X		1	
41	1	0	41	X		1	
40	1	0	40	X		1	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	0	0	36			0	
35	0	0	35			0	
34	0	0	34			0	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
Total	50	50			GRAND TOTALS	100	

Location: Alabama Street

Between: City limit line south of Santa Ana River - City limit line north of Santa Ana River

Weather: Clear

Date: 8/25/21

Time From: 10:45

Time To: 11:05

Existing Speed Limit: 50 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	14%	14%	21%
% In Pace:	68%	64%	64%
% Under Pace:	18%	22%	15%
Average Speed:	50 MPH	53 MPH	52 MPH
Pace Speed:	47 - 56 MPH	49 - 58 MPH	47 - 56 MPH
15th Percentile / Critical Speed:	45 MPH	47 MPH	46 MPH
50th Percentile / Critical Speed:	49 MPH	52 MPH	51 MPH
85th Percentile / Critical Speed:	56 MPH	58 MPH	58 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	1	0	48	X		1	
47	4	2	47	X X X X	X X	6	*
46	3	2	46	X X X	X X	5	*
45	6	8	45	X X X X X X	X X X X X X X X	14	*
44	8	4	44	X X X X X X X X	X X X X	12	
43	8	7	43	X X X X X X X X	X X X X X X X	15	
42	3	7	42	X X X	X X X X X X X	10	
41	7	7	41	X X X X X X X	X X X X X X X	14	
40	3	2	40	X X X	X X	5	*
39	1	3	39	X	X X X	4	*
38	2	2	38	X X	X X	4	*
37	1	0	37	X		1	
36	0	3	36		X X X	3	
35	2	1	35	X X	X	3	
34	0	1	34		X	1	
33	1	1	33	X	X	2	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Alessandro Road

Between: Crescent Avenue - Sunset Drive

Weather: Clear

Date: 8/31/21

Time From: 11:30

Time To: 11:50

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	2%	0%	1%
% In Pace:	90%	88%	89%
% Under Pace:	8%	12%	10%
Average Speed:	43 MPH	42 MPH	42 MPH
Pace Speed:	38 - 47 MPH	38 - 47 MPH	38 - 47 MPH
15th Percentile / Critical Speed:	40 MPH	38 MPH	39 MPH
50th Percentile / Critical Speed:	43 MPH	42 MPH	43 MPH
85th Percentile / Critical Speed:	46 MPH	45 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	1	0	51	X		1	
50	1	0	50	X		1	
49	1	1	49	X	X	2	
48	8	0	48	X X X X X X X X		8	*
47	6	2	47	X X X X X X	X X	8	*
46	8	6	46	X X X X X X X X	X X X X X X	14	*
45	6	3	45	X X X X X X	X X X	9	P
44	5	5	44	X X X X X	X X X X X	10	A
43	3	4	43	X X X	X X X X	7	C
42	3	6	42	X X X	X X X X X X	9	E
41	2	5	41	X X	X X X X X	7	*
40	3	4	40	X X X	X X X X	7	*
39	0	3	39		X X X	3	*
38	0	3	38		X X X	3	
37	2	1	37	X X	X	3	
36	0	1	36		X	1	
35	1	5	35	X	X X X X X	6	
34	0	1	34		X	1	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Alessandro Road

Between: Sunset Drive - Creekside Drive

Weather: Clear

Date: 9/9/21

Time From: 9:10

Time To: 9:30

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	4%	2%	4%
% In Pace:	90%	82%	82%
% Under Pace:	6%	16%	14%
Average Speed:	45 MPH	42 MPH	43 MPH
Pace Speed:	40 - 49 MPH	38 - 47 MPH	39 - 48 MPH
15th Percentile / Critical Speed:	41 MPH	37 MPH	39 MPH
50th Percentile / Critical Speed:	45 MPH	42 MPH	44 MPH
85th Percentile / Critical Speed:	48 MPH	46 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	1	0	44	X		1	
43	2	0	43	X X		2	
42	2	2	42	X X	X X	4	
41	7	3	41	X X X X X X X	X X X	10	*
40	4	2	40	X X X X	X X	6	*
39	4	3	39	X X X X	X X X	7	*
38	6	2	38	X X X X X X	X X	8	*
37	3	3	37	X X X	X X X	6	*
36	2	5	36	X X	X X X X X	7	*
35	6	6	35	X X X X X X	X X X X X X	12	*
34	5	4	34	X X X X X	X X X X	9	*
33	2	5	33	X X	X X X X X	7	*
32	1	4	32	X	X X X X	5	*
31	2	3	31	X X	X X X	5	
30	1	3	30	X	X X X	4	
29	2	2	29	X X	X X	4	
28	0	2	28		X X	2	
27	0	1	27		X	1	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Alessandro Road

Between: Creekside Drive - San Timoteo Canyon Road

Weather: Clear

Date: 9/9/21

Time From: 9:30

Time To: 9:50

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	2%	14%	7%
% In Pace:	82%	76%	77%
% Under Pace:	16%	10%	16%
Average Speed:	37 MPH	35 MPH	36 MPH
Pace Speed:	34 - 43 MPH	30 - 39 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	33 MPH	30 MPH	31 MPH
50th Percentile / Critical Speed:	38 MPH	35 MPH	36 MPH
85th Percentile / Critical Speed:	41 MPH	39 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	1	52		X	1	
51	1	2	51	X	X X	3	
50	3	2	50	X X X	X X	5	
49	0	0	49			0	
48	3	3	48	X X X	X X X	6	
47	2	0	47	X X		2	
46	2	3	46	X X	X X X	5	*
45	3	3	45	X X X	X X X	6	*
44	7	3	44	X X X X X X X	X X X	10	*
43	4	3	43	X X X X	X X X	7	P
42	4	6	42	X X X X	X X X X X X	10	A
41	2	5	41	X X	X X X X X	7	C
40	4	5	40	X X X X	X X X X X	9	E
39	1	1	39	X	X	2	*
38	8	6	38	X X X X X X X X	X X X X X X	14	*
37	1	2	37	X	X X	3	*
36	3	1	36	X X X	X	4	
35	0	0	35			0	
34	1	2	34	X	X X	3	
33	1	1	33	X	X	2	
32	0	1	32		X	1	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Alta Vista Drive

Between: Florida Street - Sunset Drive

Weather: Clear

Date: 9/8/21

Time From: 9:00

Time To: 9:50

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	16%	17%
% In Pace:	74%	74%	73%
% Under Pace:	12%	10%	10%
Average Speed:	42 MPH	42 MPH	42 MPH
Pace Speed:	38 - 47 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	38 MPH	38 MPH	38 MPH
50th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH
85th Percentile / Critical Speed:	47 MPH	48 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	3	52		X X X	3	
51	0	2	51		X X	2	
50	1	2	50	X	X X	3	
49	0	0	49			0	
48	1	3	48	X	X X X	4	
47	4	3	47	X X X X	X X X	7	*
46	2	3	46	X X	X X X	5	*
45	7	4	45	X X X X X X X	X X X X	11	*
44	4	4	44	X X X X	X X X X	8	P
43	4	5	43	X X X X	X X X X X	9	A
42	4	5	42	X X X X	X X X X X	9	C
41	7	1	41	X X X X X X X	X	8	E
40	2	2	40	X X	X X	4	*
39	5	3	39	X X X X X	X X X	8	*
38	3	3	38	X X X	X X X	6	*
37	3	2	37	X X X	X X	5	
36	0	2	36		X X	2	
35	1	1	35	X	X	2	
34	2	0	34	X X		2	
33	0	2	33		X X	2	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Barton Road

Between: West City Limit - Terracina Boulevard

Weather: Clear

Date: 8/25/21

Time From: 12:20

Time To: 12:40

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	4%	14%	12%
% In Pace:	84%	66%	75%
% Under Pace:	12%	20%	13%
Average Speed:	42 MPH	43 MPH	43 MPH
Pace Speed:	38 - 47 MPH	39 - 48 MPH	38 - 47 MPH
15th Percentile / Critical Speed:	38 MPH	38 MPH	38 MPH
50th Percentile / Critical Speed:	42 MPH	43 MPH	43 MPH
85th Percentile / Critical Speed:	46 MPH	48 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	2	0	52	X X		2	
51	0	0	51			0	
50	1	2	50	X	X X	3	
49	2	3	49	X X	X X X	5	
48	0	0	48			0	
47	0	1	47		X	1	
46	4	3	46	X X X X	X X X	7	*
45	5	2	45	X X X X X	X X	7	*
44	4	4	44	X X X X	X X X X	8	*
43	4	7	43	X X X X	X X X X X X X	11	
42	1	8	42	X	X X X X X X X X	9	
41	3	5	41	X X X	X X X X X	8	
40	5	3	40	X X X X X	X X X	8	
39	6	4	39	X X X X X X	X X X X	10	*
38	3	1	38	X X X	X	4	*
37	3	2	37	X X X	X X	5	*
36	2	1	36	X X	X	3	
35	1	1	35	X	X	2	
34	1	1	34	X	X	2	
33	1	1	33	X	X	2	
32	0	0	32			0	
31	0	0	31			0	
30	2	0	30	X X		2	
29	0	1	29		X	1	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Barton Road

Between: Terracina Boulevard - Alabama Street

Weather: Clear

Date: 8/25/21

Time From: 12:40

Time To: 1:00

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	12%	11%
% In Pace:	76%	78%	77%
% Under Pace:	14%	10%	12%
Average Speed:	41 MPH	42 MPH	42 MPH
Pace Speed:	37 - 46 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH
50th Percentile / Critical Speed:	41 MPH	42 MPH	42 MPH
85th Percentile / Critical Speed:	46 MPH	46 MPH	46 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	2	0	50	X X		2	
49	2	0	49	X X		2	
48	2	3	48	X X	X X X	5	
47	2	4	47	X X	X X X X	6	*
46	4	3	46	X X X X	X X X	7	*
45	2	2	45	X X	X X	4	*
44	2	4	44	X X	X X X X	6	P
43	1	6	43	X	X X X X X X	7	A
42	1	3	42	X	X X X	4	C
41	6	4	41	X X X X X X	X X X X	10	E
40	7	2	40	X X X X X X X	X X	9	*
39	3	0	39	X X X		3	*
38	4	5	38	X X X X	X X X X X	9	*
37	2	4	37	X X	X X X X	6	
36	3	1	36	X X X	X	4	
35	1	1	35	X	X	2	
34	4	4	34	X X X X	X X X X	8	
33	0	3	33		X X X	3	
32	1	1	32	X	X	2	
31	1	0	31	X		1	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Barton Road

Between: Alabama Street - Lakeside Avenue

Weather: Clear

Date: 8/25/21

Time From: 1:00

Time To: 1:20

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	6%	9%
% In Pace:	64%	66%	65%
% Under Pace:	24%	28%	26%
Average Speed:	41 MPH	41 MPH	41 MPH
Pace Speed:	38 - 47 MPH	38 - 47 MPH	38 - 47 MPH
15th Percentile / Critical Speed:	36 MPH	34 MPH	35 MPH
50th Percentile / Critical Speed:	40 MPH	41 MPH	41 MPH
85th Percentile / Critical Speed:	47 MPH	46 MPH	46 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound / Westbound	VEH.
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	0	49		0
48	0	0	48		0
47	0	0	47		0
46	0	0	46		0
45	0	0	45		0
44	0	0	44		0
43	1	0	43	X	1
42	0	1	42	X	1
41	2	3	41	X X / X X X	5
40	2	1	40	X X / X	3
39	1	0	39	X	1
38	2	0	38	X X	2
37	1	4	37	X / X X X X	5
36	2	0	36	X X	2
35	2	9	35	X X / X X X X X X X X	11
34	0	2	34	X X	2
33	1	2	33	X / X X	3
32	1	4	32	X / X X X X	5
31	5	4	31	X X X X X / X X X X	9
30	2	2	30	X X / X X	4
29	4	3	29	X X X X / X X X	7
28	2	4	28	X X / X X X X	6
27	2	1	27	X X / X	3
26	2	1	26	X X / X	3
25	4	3	25	X X X X / X X X	7
24	8	3	24	X X X X X X X X / X X X	11
23	5	2	23	X X X X X / X X	7
22	1	1	22	X / X	2
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
14	0	0	14		0
13	0	0	13		0
12	0	0	12		0
11	0	0	11		0
10	0	0	10		0
9	0	0	9		0
8	0	0	8		0
7	0	0	7		0
6	0	0	6		0
5	0	0	5		0
Total	50	50		GRAND TOTALS	100

Location: Brockton Avenue

Between: New York Street - Texas Street

Weather: Clear

Date: 9/1/21

Time From: 9:05

Time To: 10:00

Existing Speed Limit: 35 MPH

PACE *

	Eastbound	Westbound	Combined Statistics
% Over Pace:	28%	10%	36%
% In Pace:	70%	68%	62%
% Under Pace:	2%	22%	2%
Average Speed:	30 MPH	32 MPH	31 MPH
Pace Speed:	23 - 32 MPH	28 - 37 MPH	23 - 32 MPH
15th Percentile / Critical Speed:	24 MPH	25 MPH	24 MPH
50th Percentile / Critical Speed:	29 MPH	32 MPH	30 MPH
85th Percentile / Critical Speed:	38 MPH	37 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	1	1	47	X	X	2	
46	1	0	46	X		1	
45	3	2	45	X X X	X X	5	
44	2	0	44	X X		2	
43	2	2	43	X X	X X	4	
42	2	5	42	X X	X X X X X	7	*
41	2	3	41	X X	X X X	5	*
40	3	3	40	X X X	X X X	6	*
39	1	4	39	X	X X X X	5	
38	3	0	38	X X X		3	
37	5	6	37	X X X X X	X X X X X X	11	
36	1	6	36	X	X X X X X X	7	
35	2	4	35	X X	X X X X	6	*
34	6	2	34	X X X X X X	X X	8	*
33	2	4	33	X X	X X X X	6	*
32	3	3	32	X X X	X X X	6	
31	3	1	31	X X X	X	4	
30	3	0	30	X X X		3	
29	0	0	29			0	
28	1	1	28	X	X	2	
27	3	3	27	X X X	X X X	6	
26	1	0	26	X		1	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Brockton Avenue

Between: Texas Street - Church Street

Weather: Clear

Date: 9/1/21

Time From: 10:00

Time To: 10:45

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	26%	10%	14%
% In Pace:	58%	74%	64%
% Under Pace:	16%	16%	22%
Average Speed:	36 MPH	37 MPH	37 MPH
Pace Speed:	31 - 40 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	30 MPH	32 MPH	31 MPH
50th Percentile / Critical Speed:	36 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	43 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	1	0	45	X	1	
44	0	0	44		0	
43	1	1	43	X X	2	
42	2	1	42	X X X	3	
41	2	7	41	X X X X X X X X X	9	*
40	2	5	40	X X X X X X X	7	*
39	5	3	39	X X X X X X X X	8	*
38	3	6	38	X X X X X X X X X	9	P
37	6	4	37	X X X X X X X X X X	10	A
36	6	7	36	X X X X X X X X X X X X X	13	C
35	4	2	35	X X X X X X	6	E
34	4	3	34	X X X X X X X	7	*
33	4	3	33	X X X X X X X	7	*
32	4	2	32	X X X X X X	6	*
31	2	3	31	X X X X X	5	
30	3	3	30	X X X X X X	6	
29	0	0	29		0	
28	1	0	28	X	1	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Brockton Avenue

Between: Church Street - Judson Street

Weather: Clear

Date: 9/2/21

Time From: 1:05

Time To: 1:40

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	4%	6%
% In Pace:	82%	84%	82%
% Under Pace:	2%	12%	12%
Average Speed:	36 MPH	37 MPH	36 MPH
Pace Speed:	30 - 39 MPH	32 - 41 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	32 MPH	32 MPH	32 MPH
50th Percentile / Critical Speed:	36 MPH	37 MPH	36 MPH
85th Percentile / Critical Speed:	40 MPH	41 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	1	45	X	1	
44	1	0	44	X	1	
43	1	1	43	X X	2	
42	2	3	42	X X X X X	5	
41	1	2	41	X X X	3	
40	1	2	40	X X X	3	
39	2	6	39	X X X X X X X X	8	*
38	4	3	38	X X X X X X X	7	*
37	6	5	37	X X X X X X X X X X X	11	*
36	7	4	36	X X X X X X X X X X X	11	*
35	6	3	35	X X X X X X X X X	9	*
34	1	6	34	X X X X X X X	7	*
33	3	0	33	X X X	3	*
32	3	4	32	X X X X X X X	7	*
31	1	2	31	X X X	3	*
30	3	4	30	X X X X X X X	7	*
29	4	3	29	X X X X X X X	7	
28	1	0	28	X	1	
27	0	1	27	X	1	
26	3	0	26	X X X	3	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Brockton Avenue

Between: Judson Street - Wabash Avenue

Weather: Clear

Date: 9/8/21

Time From: 10:05

Time To: 10:50

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	18%	15%
% In Pace:	76%	74%	73%
% Under Pace:	8%	8%	12%
Average Speed:	35 MPH	36 MPH	35 MPH
Pace Speed:	29 - 38 MPH	30 - 39 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	29 MPH	30 MPH	30 MPH
50th Percentile / Critical Speed:	35 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	39 MPH	40 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	1	47		X	1	
46	2	2	46	X X	X X	4	
45	1	3	45	X	X X X	4	
44	3	2	44	X X X	X X	5	
43	1	0	43	X		1	
42	2	4	42	X X	X X X X	6	*
41	3	3	41	X X X	X X X	6	*
40	4	0	40	X X X X		4	*
39	3	4	39	X X X	X X X X	7	
38	5	7	38	X X X X X	X X X X X X X	12	
37	8	4	37	X X X X X X X X	X X X X	12	
36	6	2	36	X X X X X X	X X	8	
35	1	4	35	X	X X X X	5	*
34	4	6	34	X X X X	X X X X X X	10	*
33	5	5	33	X X X X X	X X X X X	10	*
32	2	0	32	X X		2	
31	0	1	31		X	1	
30	0	2	30		X X	2	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Brookside Avenue

Between: Lakeside Avenue - Center Street

Weather: Clear

Date: 8/24/21

Time From: 9:00

Time To: 9:20

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	16%	15%
% In Pace:	82%	78%	80%
% Under Pace:	4%	6%	5%
Average Speed:	38 MPH	38 MPH	38 MPH
Pace Speed:	33 - 42 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	34 MPH	33 MPH	33 MPH
50th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH
85th Percentile / Critical Speed:	42 MPH	44 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	1	44		X	1	
43	0	1	43		X	1	
42	0	2	42		X X	2	
41	2	0	41	X X		2	
40	0	1	40		X	1	
39	1	4	39	X	X X X	5	
38	2	3	38	X X	X X X	5	*
37	1	4	37	X	X X X X	5	*
36	9	5	36	X X X X X X X X X	X X X X X	14	*
35	4	5	35	X X X X	X X X X X	9	P
34	7	3	34	X X X X X X X	X X X	10	A
33	4	5	33	X X X X	X X X X X	9	C
32	3	0	32	X X X		3	E
31	4	1	31	X X X X	X	5	*
30	6	5	30	X X X X X X	X X X X X	11	*
29	2	5	29	X X	X X X X X	7	*
28	2	2	28	X X	X X	4	
27	1	3	27	X	X X X	4	
26	1	0	26	X		1	
25	0	0	25			0	
24	1	0	24	X		1	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Brookside Avenue

Between: Center Street - Eureka Street

Weather: Clear

Date: 8/24/21

Time From: 9:20

Time To: 9:40

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	6%	18%	12%
% In Pace:	84%	72%	78%
% Under Pace:	10%	10%	10%
Average Speed:	33 MPH	34 MPH	34 MPH
Pace Speed:	29 - 38 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	30 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	34 MPH	35 MPH	34 MPH
85th Percentile / Critical Speed:	36 MPH	39 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.	PACE
				Northbound	Southbound		
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	1	41		X	1	
40	0	2	40		X X	2	
39	2	2	39	X X	X X	4	
38	2	3	38	X X	X X X	5	*
37	4	1	37	X X X X	X	5	*
36	2	3	36	X X	X X X	5	*
35	7	3	35	X X X X X X X	X X X	10	P
34	1	4	34	X	X X X X	5	A
33	3	3	33	X X X	X X X	6	C
32	6	3	32	X X X X X X	X X X	9	E
31	4	4	31	X X X X	X X X X	8	*
30	5	5	30	X X X X X	X X X X X	10	*
29	3	7	29	X X X	X X X X X X X	10	*
28	3	1	28	X X X	X	4	
27	3	1	27	X X X	X	4	
26	2	2	26	X X	X X	4	
25	1	3	25	X	X X X	4	
24	1	2	24	X	X X	3	
23	0	0	23			0	
22	1	0	22	X		1	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Cajon Street

Between: Vine Street - Fern Avenue

Weather: Clear

Date: 9/8/21

Time From: 12:55

Time To: 1:20

Existing Speed Limit: 25 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	10%	7%
% In Pace:	76%	72%	73%
% Under Pace:	16%	18%	20%
Average Speed:	32 MPH	32 MPH	32 MPH
Pace Speed:	28 - 37 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	27 MPH	27 MPH	27 MPH
50th Percentile / Critical Speed:	32 MPH	31 MPH	32 MPH
85th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	0	0	44		0	
43	0	1	43	S: X	1	
42	2	3	42	N: X X; S: X X X	5	
41	2	1	41	N: X X; S: X	3	
40	4	2	40	N: X X X X; S: X X	6	
39	4	2	39	N: X X X X; S: X X	6	*
38	2	3	38	N: X X; S: X X X	5	*
37	1	5	37	N: X; S: X X X X X	6	*
36	8	2	36	N: X X X X X X X X; S: X X	10	PACE
35	3	6	35	N: X X X; S: X X X X X X	9	A
34	3	6	34	N: X X X; S: X X X X X X	9	C
33	4	5	33	N: X X X X; S: X X X X X	9	E
32	4	3	32	N: X X X X; S: X X X	7	*
31	0	3	31	S: X X X	3	*
30	5	2	30	N: X X X X X; S: X X	7	*
29	1	2	29	N: X; S: X X	3	
28	3	2	28	N: X X X; S: X X	5	
27	2	1	27	N: X X; S: X	3	
26	2	0	26	N: X X	2	
25	0	0	25		0	
24	0	1	24	S: X	1	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Cajon Street

Between: Fern Avenue - Garden Street

Weather: Clear

Date: 9/8/21

Time From: 1:25

Time To: 1:45

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	4%	10%	15%
% In Pace:	70%	74%	71%
% Under Pace:	26%	16%	14%
Average Speed:	34 MPH	35 MPH	35 MPH
Pace Speed:	32 - 41 MPH	31 - 40 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	29 MPH	30 MPH	30 MPH
50th Percentile / Critical Speed:	35 MPH	34 MPH	35 MPH
85th Percentile / Critical Speed:	40 MPH	39 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	1	53	X	1	
52	1	1	52	X X	2	
51	3	0	51	X X X	3	
50	0	1	50	X	1	
49	5	2	49	X X X X X X X	7	
48	3	1	48	X X X X	4	
47	0	3	47	X X X	3	
46	1	5	46	X X X X X X	6	
45	3	2	45	X X X X X	5	
44	1	1	44	X X	2	
43	3	1	43	X X X X	4	*
42	3	4	42	X X X X X X X	7	*
41	5	3	41	X X X X X X X X	8	*
40	2	2	40	X X X X	4	P
39	3	6	39	X X X X X X X X X	9	A
38	1	4	38	X X X X X	5	C
37	5	2	37	X X X X X X X	7	E
36	2	2	36	X X X X	4	*
35	1	1	35	X X	2	*
34	5	3	34	X X X X X X X X	8	*
33	0	1	33	X	1	
32	2	2	32	X X X X	4	
31	0	2	31	X X	2	
30	1	0	30	X	1	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: California Street

Between: Palmetto Avenue - Almond Avenue

Weather: Clear

Date: 9/8/21

Time From: 9:05

Time To: 10:00

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	34%	12%	34%
% In Pace:	60%	62%	58%
% Under Pace:	6%	26%	8%
Average Speed:	41 MPH	41 MPH	41 MPH
Pace Speed:	34 - 43 MPH	38 - 47 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	34 MPH	34 MPH	34 MPH
50th Percentile / Critical Speed:	41 MPH	40 MPH	41 MPH
85th Percentile / Critical Speed:	49 MPH	47 MPH	48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	1	0	51	X	1	
50	1	2	50	X X	3	
49	1	0	49	X	1	
48	2	0	48	X X	2	
47	3	0	47	X X X	3	
46	2	2	46	X X X X	4	*
45	4	2	45	X X X X X X	6	*
44	4	2	44	X X X X X X	6	*
43	4	5	43	X X X X X X X X X	9	P
42	8	4	42	X X X X X X X X X X X X	12	A
41	6	8	41	X X X X X X X X X X X X X X	14	C
40	4	7	40	X X X X X X X X X X X	11	E
39	1	9	39	X X X X X X X X X X	10	*
38	5	4	38	X X X X X X X X X	9	*
37	2	3	37	X X X X X	5	*
36	2	0	36	X X	2	
35	0	1	35	X	1	
34	0	0	34		0	
33	0	1	33	X	1	
32	0	0	32		0	
31	0	0	31		0	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: California Street

Between: Almond Avenue - Redlands Boulevard

Weather: Clear

Date: 8/31/21

Time From: 11:00

Time To: 11:20

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	4%	10%
% In Pace:	82%	92%	86%
% Under Pace:	8%	4%	4%
Average Speed:	42 MPH	41 MPH	42 MPH
Pace Speed:	38 - 47 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	38 MPH	38 MPH	38 MPH
50th Percentile / Critical Speed:	42 MPH	40 MPH	41 MPH
85th Percentile / Critical Speed:	47 MPH	44 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	1	0	46	X	1	
45	1	0	45	X	1	
44	2	1	44	X X / X	3	
43	0	0	43		0	
42	0	0	42		0	
41	2	1	41	X X / X	3	
40	3	1	40	X X X / X	4	*
39	5	3	39	X X X X X / X X X	8	*
38	7	1	38	X X X X X X X / X	8	*
37	5	1	37	X X X X X / X	6	*
36	5	10	36	X X X X X / X X X X X X X X X X	15	*
35	3	2	35	X X X / X X	5	*
34	2	6	34	X X / X X X X X X	8	*
33	2	9	33	X X / X X X X X X X X X	11	*
32	1	2	32	X / X X	3	*
31	2	2	31	X X / X X	4	*
30	3	1	30	X X X / X	4	
29	2	3	29	X X / X X X	5	
28	2	5	28	X X / X X X X X	7	
27	2	0	27	X X	2	
26	0	0	26		0	
25	0	2	25	/ X X	2	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Center Street

Between: State Street - Brookside Avenue

Weather: Clear

Date: 8/24/21

Time From: 10:50

Time To: 11:15

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	14%	8%
% In Pace:	70%	82%	72%
% Under Pace:	22%	4%	20%
Average Speed:	36 MPH	34 MPH	35 MPH
Pace Speed:	32 - 41 MPH	28 - 37 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	30 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	37 MPH	34 MPH	35 MPH
85th Percentile / Critical Speed:	40 MPH	37 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	1	44		X	1	
43	0	0	43			0	
42	0	0	42			0	
41	2	1	41	X X	X	3	
40	0	2	40		X X	2	
39	1	1	39	X	X	2	
38	4	3	38	X X X X	X X X	7	*
37	5	4	37	X X X X X	X X X X	9	*
36	2	3	36	X X	X X X	5	*
35	6	2	35	X X X X X X	X X	8	P
34	6	6	34	X X X X X X	X X X X X X	12	A
33	6	6	33	X X X X X X	X X X X X X	12	C
32	3	5	32	X X X	X X X X X	8	E
31	3	5	31	X X X	X X X X X	8	*
30	2	2	30	X X	X X	4	*
29	2	5	29	X X	X X X X X	7	*
28	4	1	28	X X X X	X	5	
27	2	2	27	X X	X X	4	
26	1	0	26	X		1	
25	0	1	25		X	1	
24	0	0	24			0	
23	0	0	23			0	
22	1	0	22	X		1	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Center Street

Between: Brookside Avenue - Cypress Avenue

Weather: Clear

Date: 8/24/21

Time From: 10:20

Time To: 10:45

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	10%	8%
% In Pace:	78%	82%	80%
% Under Pace:	16%	8%	12%
Average Speed:	33 MPH	33 MPH	33 MPH
Pace Speed:	29 - 38 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	28 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	34 MPH	33 MPH	33 MPH
85th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	2	0	46	X X	2	
45	0	0	45		0	
44	1	2	44	X X X	3	
43	2	0	43	X X	2	
42	6	0	42	X X X X X X	6	
41	2	0	41	X X	2	
40	1	6	40	X X X X X X X	7	*
39	1	3	39	X X X X	4	*
38	4	5	38	X X X X X X X X X	9	*
37	3	2	37	X X X X X	5	*
36	3	4	36	X X X X X X X	7	*
35	6	5	35	X X X X X X X X X X X	11	*
34	2	5	34	X X X X X X X	7	*
33	5	3	33	X X X X X X X X	8	*
32	3	4	32	X X X X X X X	7	*
31	3	1	31	X X X X	4	*
30	1	4	30	X X X X X	5	*
29	4	2	29	X X X X X X	6	
28	1	3	28	X X X X	4	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	1	24	X	1	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Center Street

Between: Cypress Avenue - Crescent Avenue

Weather: Clear

Date: 8/24/21

Time From: 9:55

Time To: 10:15

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	30%	4%	15%
% In Pace:	68%	76%	69%
% Under Pace:	2%	20%	16%
Average Speed:	36 MPH	35 MPH	36 MPH
Pace Speed:	29 - 38 MPH	31 - 40 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	31 MPH	30 MPH	30 MPH
50th Percentile / Critical Speed:	36 MPH	35 MPH	35 MPH
85th Percentile / Critical Speed:	42 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	1	0	46	X	1	
45	0	0	45		0	
44	1	0	44	X	1	
43	2	0	43	X X	2	
42	1	0	42	X	1	
41	3	1	41	X X X X	4	*
40	2	2	40	X X X X	4	*
39	7	3	39	X X X X X X X X X X	10	*
38	4	1	38	X X X X X	5	
37	2	7	37	X X X X X X X X X	9	
36	7	4	36	X X X X X X X X X X X	11	
35	1	4	35	X X X X X	5	
34	1	4	34	X X X X X	5	*
33	4	6	33	X X X X X X X X X X	10	*
32	4	5	32	X X X X X X X X X	9	*
31	2	1	31	X X X	3	
30	1	4	30	X X X X X	5	
29	3	3	29	X X X X X X	6	
28	1	0	28	X	1	
27	1	1	27	X X	2	
26	2	2	26	X X X X	4	
25	0	1	25	X	1	
24	0	1	24	X	1	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Center Street

Between: Crescent Avenue - Ridge Street

Weather: Clear

Date: 8/26/21

Time From: 9:00

Time To: 11:00

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	6%	5%
% In Pace:	70%	78%	72%
% Under Pace:	20%	16%	23%
Average Speed:	36 MPH	34 MPH	35 MPH
Pace Speed:	32 - 41 MPH	30 - 39 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	30 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	36 MPH	34 MPH	35 MPH
85th Percentile / Critical Speed:	41 MPH	37 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	1	44		X	1	
43	0	1	43		X	1	
42	0	2	42		X X	2	
41	1	1	41	X	X	2	
40	0	1	40		X	1	
39	0	0	39			0	
38	2	2	38	X X	X X	4	
37	2	3	37	X X	X X X	5	
36	1	1	36	X	X	2	
35	2	5	35	X X	X X X X X	7	
34	2	1	34	X X	X	3	
33	2	2	33	X X	X X	4	*
32	5	7	32	X X X X X	X X X X X X X	12	*
31	3	3	31	X X X	X X X	6	*
30	2	3	30	X X	X X X	5	P
29	5	0	29	X X X X X		5	A
28	5	2	28	X X X X X	X X	7	C
27	5	4	27	X X X X X	X X X X	9	E
26	1	3	26	X	X X X	4	*
25	3	4	25	X X X	X X X X	7	*
24	4	2	24	X X X X	X X	6	*
23	2	1	23	X X	X	3	
22	3	1	22	X X X	X	4	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Central Avenue

Between: University Street - Judson Street

Weather: Clear

Date: 9/8/21

Time From: 12:05

Time To: 1:05

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	20%	24%	28%
% In Pace:	70%	60%	65%
% Under Pace:	10%	16%	7%
Average Speed:	29 MPH	32 MPH	31 MPH
Pace Speed:	24 - 33 MPH	26 - 35 MPH	24 - 33 MPH
15th Percentile / Critical Speed:	24 MPH	25 MPH	25 MPH
50th Percentile / Critical Speed:	29 MPH	32 MPH	30 MPH
85th Percentile / Critical Speed:	35 MPH	38 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	1	0	45	X	1	
44	0	0	44		0	
43	0	1	43	X	1	
42	3	2	42	X X X X X	5	*
41	4	4	41	X X X X X X X X	8	*
40	4	2	40	X X X X X X	6	*
39	5	6	39	X X X X X X X X X X X	11	*
38	7	7	38	X X X X X X X X X X X X X X	14	*
37	6	12	37	X X X X X X X X X X X X X X X X X X	18	*
36	6	6	36	X X X X X X X X X X X X	12	*
35	4	3	35	X X X X X X X	7	*
34	5	1	34	X X X X X X	6	*
33	5	3	33	X X X X X X X X	8	*
32	0	2	32	X X	2	
31	0	1	31	X	1	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Church Street

Between: Pioneer Avenue - Redlands Boulevard

Weather: Clear

Date: 9/8/21

Time From: 11:40

Time To: 12:00

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	2%	2%	2%
% In Pace:	98%	92%	95%
% Under Pace:	0%	6%	3%
Average Speed:	37 MPH	37 MPH	37 MPH
Pace Speed:	33 - 42 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	34 MPH	35 MPH	34 MPH
50th Percentile / Critical Speed:	37 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	41 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	0	0	39			0	
38	0	0	38			0	
37	1	0	37	X		1	
36	4	1	36	X X X X	X	5	*
35	1	2	35	X	X X	3	*
34	3	5	34	X X X	X X X X X	8	*
33	3	5	33	X X X	X X X X X	8	
32	3	6	32	X X X	X X X X X X	9	
31	7	12	31	X X X X X X X	X X X X X X X X X X X X	19	
30	7	8	30	X X X X X X X	X X X X X X X X	15	
29	6	4	29	X X X X X X	X X X X	10	*
28	4	6	28	X X X X	X X X X X X	10	*
27	3	0	27	X X X		3	*
26	4	0	26	X X X X		4	
25	3	1	25	X X X	X	4	
24	0	0	24			0	
23	1	0	23	X		1	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Citrus Avenue

Between: Eureka Street - Orange Street

Weather: Clear

Date: 1/11/22

Time From: 9:25

Time To: 9:45

Existing Speed Limit: 25 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	0%	1%
% In Pace:	86%	98%	90%
% Under Pace:	2%	2%	9%
Average Speed:	30 MPH	31 MPH	31 MPH
Pace Speed:	25 - 34 MPH	28 - 37 MPH	27 - 36 MPH
15th Percentile / Critical Speed:	26 MPH	29 MPH	28 MPH
50th Percentile / Critical Speed:	30 MPH	31 MPH	31 MPH
85th Percentile / Critical Speed:	34 MPH	34 MPH	34 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	1	0	40	X		1	
39	0	1	39		X	1	
38	0	0	38			0	
37	1	0	37	X		1	
36	3	3	36	X X X	X X X	6	
35	4	2	35	X X X X	X X	6	
34	3	0	34	X X X		3	*
33	0	2	33		X X	2	*
32	7	9	32	X X X X X X X	X X X X X X X X X	16	*
31	8	5	31	X X X X X X X X	X X X X X	13	*
30	1	5	30	X	X X X X X	6	*
29	3	4	29	X X X	X X X X	7	*
28	4	4	28	X X X X	X X X X	8	*
27	5	3	27	X X X X X	X X X	8	*
26	4	6	26	X X X X	X X X X X X	10	*
25	4	3	25	X X X X	X X X	7	*
24	2	1	24	X X	X	3	
23	0	1	23		X	1	
22	0	0	22			0	
21	0	1	21		X	1	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Citrus Avenue

Between: Redlands Boulevard - University Street

Weather: Clear

Date: 1/11/22

Time From: 9:45

Time To: 10:05

Existing Speed Limit: 25 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	12%	15%
% In Pace:	78%	84%	80%
% Under Pace:	12%	4%	5%
Average Speed:	30 MPH	30 MPH	30 MPH
Pace Speed:	26 - 35 MPH	24 - 33 MPH	25 - 34 MPH
15th Percentile / Critical Speed:	26 MPH	26 MPH	26 MPH
50th Percentile / Critical Speed:	31 MPH	30 MPH	30 MPH
85th Percentile / Critical Speed:	35 MPH	33 MPH	34 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	1	0	50	X		1
49	0	0	49			0
48	1	1	48	X	X	2
47	2	1	47	X X	X	3
46	1	0	46	X		1
45	1	0	45	X		1
44	2	0	44	X X		2
43	2	1	43	X X	X	3
42	2	4	42	X X	X X X X	6
41	3	3	41	X X X	X X X	6
40	3	6	40	X X X	X X X X X X	9
39	3	4	39	X X X	X X X X	7
38	4	9	38	X X X X	X X X X X X X X X	13
37	4	2	37	X X X X	X X	6
36	3	6	36	X X X	X X X X X X	9
35	2	6	35	X X	X X X X X X	8
34	6	4	34	X X X X X X	X X X X	10
33	3	0	33	X X X		3
32	5	2	32	X X X X X	X X	7
31	2	1	31	X X	X	3
30	0	0	30			0
29	0	0	29			0
28	0	0	28			0
27	0	0	27			0
26	0	0	26			0
25	0	0	25			0
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

Location: Citrus Avenue

Between: University Street - Wabash Avenue

Weather: Clear

Date: 9/8/21

Time From: 12:35

Time To: 12:55

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	24%	4%	19%
% In Pace:	72%	90%	78%
% Under Pace:	4%	6%	3%
Average Speed:	38 MPH	38 MPH	38 MPH
Pace Speed:	32 - 41 MPH	34 - 43 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	33 MPH	35 MPH	34 MPH
50th Percentile / Critical Speed:	37 MPH	38 MPH	38 MPH
85th Percentile / Critical Speed:	44 MPH	41 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	1	48	X	1	
47	0	0	47		0	
46	0	1	46	X	1	
45	1	4	45	X / X X X X	5	
44	4	1	44	X X X X / X	5	
43	4	1	43	X X X X / X	5	
42	2	2	42	X X / X X	4	*
41	3	3	41	X X X / X X X	6	*
40	2	6	40	X X / X X X X X X	8	*
39	4	3	39	X X X X / X X X	7	
38	4	3	38	X X X X / X X X	7	
37	2	7	37	X X / X X X X X X X	9	
36	4	3	36	X X X X / X X X	7	
35	2	4	35	X X / X X X X	6	*
34	8	4	34	X X X X X X X X / X X X X	12	*
33	4	3	33	X X X X / X X X	7	*
32	1	3	32	X / X X X	4	
31	2	1	31	X X / X	3	
30	0	0	30		0	
29	3	0	29	X X X	3	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Colton Avenue

Between: Redlands Boulevard - Church Street

Weather: Clear

Date: 8/31/21

Time From: 10:30

Time To: 10:50

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	20%	17%
% In Pace:	70%	78%	73%
% Under Pace:	20%	2%	10%
Average Speed:	37 MPH	38 MPH	38 MPH
Pace Speed:	34 - 43 MPH	32 - 41 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	33 MPH	34 MPH	33 MPH
50th Percentile / Critical Speed:	37 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	43 MPH	43 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	2	0	45	X X	2	
44	0	2	44	X X	2	
43	1	0	43	X	1	
42	3	2	42	X X X X X	5	*
41	2	3	41	X X X X X	5	*
40	3	4	40	X X X X X X X	7	*
39	4	6	39	X X X X X X X X X X	10	*
38	2	4	38	X X X X X X	6	*
37	6	3	37	X X X X X X X X X	9	*
36	8	5	36	X X X X X X X X X X X X X	13	*
35	5	7	35	X X X X X X X X X X X X	12	*
34	4	5	34	X X X X X X X X X	9	*
33	4	3	33	X X X X X X X	7	*
32	2	0	32	X X	2	
31	3	2	31	X X X X X	5	
30	0	2	30	X X	2	
29	1	1	29	X X	2	
28	0	1	28	X	1	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Colton Avenue

Between: Church Street - Grove Street

Weather: Clear

Date: 9/2/21

Time From: 2:00

Time To: 2:20

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	6%	4%	5%
% In Pace:	82%	84%	83%
% Under Pace:	12%	12%	12%
Average Speed:	37 MPH	37 MPH	37 MPH
Pace Speed:	33 - 42 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	33 MPH	33 MPH	33 MPH
50th Percentile / Critical Speed:	36 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	41 MPH	40 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed		TOT. VEH.	PACE
				Eastbound	Westbound		
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	1	3	50	X	X X X	4	
49	0	1	49		X	1	
48	3	5	48	X X X	X X X X X	8	
47	1	2	47	X	X X	3	
46	0	1	46		X	1	
45	5	4	45	X X X X X	X X X X	9	*
44	7	5	44	X X X X X X X	X X X X X	12	*
43	0	4	43		X X X X	4	*
42	9	5	42	X X X X X X X X X	X X X X X	14	*
41	3	8	41	X X X	X X X X X X X X	11	*
40	5	1	40	X X X X X	X	6	*
39	4	2	39	X X X X	X X	6	*
38	8	4	38	X X X X X X X X	X X X X	12	*
37	0	2	37		X X	2	*
36	2	1	36	X X	X	3	*
35	1	1	35	X	X	2	
34	0	0	34			0	
33	1	1	33	X	X	2	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Colton Avenue

Between: Grove Street - Lincoln Street

Weather: Clear

Date: 8/31/21

Time From: 10:05

Time To: 10:30

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	0%	17%
% In Pace:	86%	76%	79%
% Under Pace:	4%	24%	4%
Average Speed:	42 MPH	43 MPH	42 MPH
Pace Speed:	36 - 45 MPH	41 - 50 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	38 MPH	38 MPH	38 MPH
50th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH
85th Percentile / Critical Speed:	45 MPH	48 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	1	53		X	1	
52	0	1	52		X	1	
51	2	3	51	X X	X X X	5	
50	0	1	50		X	1	
49	1	2	49	X	X X	3	
48	3	3	48	X X X	X X X	6	*
47	2	3	47	X X	X X X	5	*
46	2	1	46	X X	X	3	*
45	3	2	45	X X X	X X	5	P
44	3	5	44	X X X	X X X X X	8	A
43	5	4	43	X X X X X	X X X X	9	C
42	3	5	42	X X X	X X X X X	8	E
41	4	4	41	X X X X	X X X X	8	*
40	2	6	40	X X	X X X X X X	8	*
39	4	3	39	X X X X	X X X	7	*
38	1	2	38	X	X X	3	
37	3	1	37	X X X	X	4	
36	1	2	36	X	X X	3	
35	4	1	35	X X X X	X	5	
34	3	0	34	X X X		3	
33	2	0	33	X X		2	
32	1	0	32	X		1	
31	0	0	31			0	
30	1	0	30	X		1	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Colton Avenue

Between: Dearborn Street - Wabash Avenue

Weather: Clear

Date: 9/8/21

Time From: 11:25

Time To: 11:50

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	6%	16%	11%
% In Pace:	62%	72%	67%
% Under Pace:	32%	12%	22%
Average Speed:	41 MPH	43 MPH	42 MPH
Pace Speed:	39 - 48 MPH	39 - 48 MPH	39 - 48 MPH
15th Percentile / Critical Speed:	35 MPH	39 MPH	36 MPH
50th Percentile / Critical Speed:	41 MPH	43 MPH	42 MPH
85th Percentile / Critical Speed:	47 MPH	49 MPH	48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	1	47		X	1	
46	1	0	46	X		1	
45	0	0	45			0	
44	0	0	44			0	
43	0	1	43		X	1	
42	3	2	42	X X X	X X	5	
41	1	2	41	X	X X	3	
40	3	5	40	X X X	X X X X X	8	*
39	1	4	39	X	X X X X	5	*
38	2	4	38	X X	X X X X	6	*
37	7	9	37	X X X X X X X	X X X X X X X X X	16	*
36	1	4	36	X	X X X X	5	
35	6	3	35	X X X X X X	X X X	9	
34	9	5	34	X X X X X X X X X	X X X X X	14	
33	1	1	33	X	X	2	*
32	5	3	32	X X X X X	X X X	8	*
31	3	2	31	X X X	X X	5	*
30	2	1	30	X X	X	3	
29	1	2	29	X	X X	3	
28	3	1	28	X X X	X	4	
27	1	0	27	X		1	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Crescent Avenue

Between: Ramona Drive - Serpentine Drive

Weather: Clear

Date: 9/9/21

Time From: 10:50

Time To: 11:10

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	8%	11%
% In Pace:	76%	80%	78%
% Under Pace:	14%	12%	11%
Average Speed:	35 MPH	36 MPH	36 MPH
Pace Speed:	31 - 40 MPH	32 - 41 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	31 MPH	32 MPH	31 MPH
50th Percentile / Critical Speed:	34 MPH	37 MPH	36 MPH
85th Percentile / Critical Speed:	40 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	1	0	43	X		1	
42	0	0	42			0	
41	1	0	41	X		1	
40	1	1	40	X	X	2	
39	1	4	39	X	X X X	5	
38	2	0	38	X X		2	
37	3	4	37	X X X	X X X	7	*
36	2	3	36	X X	X X	5	*
35	2	2	35	X X	X X	4	*
34	3	6	34	X X X	X X X X X	9	P
33	3	4	33	X X X	X X X	7	A
32	6	3	32	X X X X X X	X X X	9	C
31	3	2	31	X X X	X X	5	E
30	0	2	30		X X	2	*
29	3	1	29	X X X	X	4	*
28	3	3	28	X X X	X X X	6	*
27	1	4	27	X	X X X	5	
26	2	0	26	X X		2	
25	2	4	25	X X	X X X	6	
24	5	0	24	X X X X X		5	
23	1	1	23	X	X	2	
22	2	0	22	X X		2	
21	1	0	21	X		1	
20	0	2	20		X X	2	
19	1	0	19	X		1	
18	1	1	18	X	X	2	
17	0	2	17		X X	2	
16	0	1	16		X	1	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Crestview Road

Between: Ford Street - Buckingham Drive

Weather: Clear

Date: 9/8/21

Time From: 9:00

Time To: 2:10

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	2%	11%
% In Pace:	56%	60%	58%
% Under Pace:	32%	38%	31%
Average Speed:	30 MPH	31 MPH	31 MPH
Pace Speed:	28 - 37 MPH	30 - 39 MPH	28 - 37 MPH
15th Percentile / Critical Speed:	24 MPH	25 MPH	24 MPH
50th Percentile / Critical Speed:	31 MPH	32 MPH	32 MPH
85th Percentile / Critical Speed:	37 MPH	37 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	1	48		X	1	
47	0	1	47		X	1	
46	2	0	46	X X		2	
45	0	1	45		X	1	
44	1	4	44	X	X X X	5	*
43	5	2	43	X X X X X	X X	7	*
42	2	1	42	X X	X	3	*
41	6	6	41	X X X X X X	X X X X X	12	*
40	3	2	40	X X X	X X	5	*
39	7	2	39	X X X X X X X	X X	9	*
38	2	8	38	X X	X X X X X X X	10	*
37	7	5	37	X X X X X X X	X X X X	12	*
36	4	3	36	X X X X	X X X	7	*
35	6	4	35	X X X X X X	X X X X	10	*
34	1	1	34	X	X	2	
33	4	4	33	X X X X	X X X X	8	
32	0	2	32		X X	2	
31	0	1	31		X	1	
30	0	2	30		X X	2	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Cypress Avenue

Between: Terracina Boulevard - Center Street

Weather: Clear

Date: 8/24/21

Time From: 12:00

Time To: 12:40

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	4%	6%	5%
% In Pace:	86%	74%	80%
% Under Pace:	10%	20%	15%
Average Speed:	39 MPH	38 MPH	38 MPH
Pace Speed:	35 - 44 MPH	35 - 44 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	35 MPH	33 MPH	34 MPH
50th Percentile / Critical Speed:	39 MPH	38 MPH	38 MPH
85th Percentile / Critical Speed:	43 MPH	43 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	1	51		X	1	
50	0	1	50		X	1	
49	0	0	49			0	
48	1	0	48	X		1	
47	1	5	47	X	X X X X X	6	
46	0	0	46			0	
45	5	0	45	X X X X X		5	
44	1	3	44	X	X X X	4	
43	1	2	43	X	X X	3	*
42	4	2	42	X X X X	X X	6	*
41	2	5	41	X X	X X X X X	7	*
40	6	4	40	X X X X X X	X X X X	10	*
39	3	4	39	X X X	X X X X	7	*
38	6	6	38	X X X X X X	X X X X X X	12	*
37	3	6	37	X X X	X X X X X X	9	*
36	5	4	36	X X X X X	X X X X	9	*
35	3	3	35	X X X	X X X	6	*
34	3	4	34	X X X	X X X X	7	*
33	2	0	33	X X		2	
32	3	0	32	X X X		3	
31	1	0	31	X		1	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50		GRAND TOTALS		100	

Location: Cypress Avenue

Between: Center Street - Redlands Boulevard

Weather: Clear

Date: 8/24/21

Time From: 12:45

Time To: 1:05

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	20%	18%
% In Pace:	74%	80%	76%
% Under Pace:	8%	0%	6%
Average Speed:	39 MPH	40 MPH	39 MPH
Pace Speed:	33 - 42 MPH	34 - 43 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	34 MPH	36 MPH	35 MPH
50th Percentile / Critical Speed:	38 MPH	39 MPH	39 MPH
85th Percentile / Critical Speed:	44 MPH	44 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	2	1	50	X X	X	3
49	1	0	49	X		1
48	0	1	48		X	1
47	0	0	47			0
46	2	1	46	X X	X	3
45	2	3	45	X X	X X X	5
44	1	1	44	X	X	2
43	3	2	43	X X X	X X	5
42	2	0	42	X X		2
41	8	4	41	X X X X X X X X	X X X X	12
40	2	4	40	X X	X X X X	6
39	3	6	39	X X X	X X X X X X	9
38	1	2	38	X	X X	3
37	6	4	37	X X X X X X	X X X X	10
36	3	4	36	X X X	X X X X	7
35	3	4	35	X X X	X X X X	7
34	2	1	34	X X	X	3
33	1	6	33	X	X X X X X X	7
32	2	3	32	X X	X X X	5
31	3	1	31	X X X	X	4
30	0	0	30			0
29	1	1	29	X	X	2
28	2	1	28	X X	X	3
27	0	0	27			0
26	0	0	26			0
25	0	0	25			0
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

Location: Cypress Avenue

Between: Redlands Boulevard - Citrus Avenue

Weather: Clear

Date: 8/24/21

Time From: 1:05

Time To: 1:25

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	18%	22%
% In Pace:	66%	76%	69%
% Under Pace:	18%	6%	9%
Average Speed:	39 MPH	38 MPH	38 MPH
Pace Speed:	34 - 43 MPH	32 - 41 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	32 MPH	33 MPH	33 MPH
50th Percentile / Critical Speed:	39 MPH	37 MPH	38 MPH
85th Percentile / Critical Speed:	44 MPH	43 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	1	49		X	1	
48	0	0	48			0	
47	2	1	47	X X	X	3	
46	2	4	46	X X	X X X X	6	
45	0	2	45		X X	2	
44	1	1	44	X	X	2	
43	1	3	43	X	X X X	4	*
42	3	3	42	X X X	X X X	6	*
41	2	4	41	X X	X X X X	6	*
40	5	6	40	X X X X X	X X X X X X	11	P
39	4	2	39	X X X X	X X	6	A
38	1	4	38	X	X X X X	5	C
37	4	4	37	X X X X	X X X X	8	E
36	5	3	36	X X X X X	X X X	8	*
35	7	2	35	X X X X X X X	X X	9	*
34	3	5	34	X X X	X X X X X	8	*
33	2	1	33	X X	X	3	
32	2	1	32	X X	X	3	
31	3	1	31	X X X	X	4	
30	1	1	30	X	X	2	
29	2	1	29	X X	X	3	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Dearborn Street

Between: Fifth Avenue - Colton Avenue

Weather: Clear

Date: 9/8/21

Time From: 11:55

Time To: 12:30

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	18%	14%
% In Pace:	72%	72%	71%
% Under Pace:	16%	10%	15%
Average Speed:	37 MPH	39 MPH	38 MPH
Pace Speed:	33 - 42 MPH	34 - 43 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	32 MPH	34 MPH	33 MPH
50th Percentile / Critical Speed:	36 MPH	39 MPH	38 MPH
85th Percentile / Critical Speed:	42 MPH	45 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	0	49		0
48	0	0	48		0
47	0	0	47		0
46	0	0	46		0
45	0	0	45		0
44	0	0	44		0
43	0	1	43	S: X	1
42	0	1	42	S: X	1
41	0	1	41	S: X	1
40	1	2	40	N: X; S: X X	3
39	1	1	39	N: X; S: X	2
38	1	3	38	N: X; S: X X X	4
37	1	2	37	N: X; S: X X	3
36	3	1	36	N: X X X; S: X	4
35	1	7	35	N: X; S: X X X X X X X	8
34	4	5	34	N: X X X X; S: X X X X X	9
33	3	5	33	N: X X X; S: X X X X X	8
32	8	6	32	N: X X X X X X X X; S: X X X X X X	14
31	7	7	31	N: X X X X X X X; S: X X X X X X X	14
30	4	1	30	N: X X X X; S: X	5
29	5	2	29	N: X X X X X; S: X X	7
28	5	0	28	N: X X X X X	5
27	2	2	27	N: X X; S: X X	4
26	1	2	26	N: X; S: X X	3
25	1	0	25	N: X	1
24	2	1	24	N: X X; S: X	3
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
14	0	0	14		0
13	0	0	13		0
12	0	0	12		0
11	0	0	11		0
10	0	0	10		0
9	0	0	9		0
8	0	0	8		0
7	0	0	7		0
6	0	0	6		0
5	0	0	5		0
Total	50	50		GRAND TOTALS	100

* * * PACE * * *

Location: Dearborn Street

Between: Colton Avenue - Lugonia Avenue

Weather: Clear

Date: 9/8/21

Time From: 10:50

Time To: 11:20

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	6%	15%
% In Pace:	84%	78%	78%
% Under Pace:	8%	16%	7%
Average Speed:	31 MPH	34 MPH	32 MPH
Pace Speed:	27 - 36 MPH	31 - 40 MPH	27 - 36 MPH
15th Percentile / Critical Speed:	28 MPH	30 MPH	28 MPH
50th Percentile / Critical Speed:	31 MPH	33 MPH	32 MPH
85th Percentile / Critical Speed:	35 MPH	38 MPH	36 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	1	54		X	1	
53	1	1	53	X	X	2	
52	1	0	52	X		1	
51	1	2	51	X	X X	3	
50	2	1	50	X X	X	3	
49	0	2	49		X X	2	
48	5	2	48	X X X X X	X X	7	
47	1	0	47	X		1	
46	2	4	46	X X	X X X X	6	*
45	3	1	45	X X X	X	4	*
44	0	5	44		X X X X X	5	*
43	2	3	43	X X	X X X	5	P
42	3	2	42	X X X	X X	5	A
41	3	5	41	X X X	X X X X X	8	C
40	6	6	40	X X X X X X	X X X X X X	12	E
39	5	1	39	X X X X X	X	6	*
38	2	4	38	X X	X X X X	6	*
37	4	3	37	X X X X	X X X	7	*
36	0	2	36		X X	2	
35	2	1	35	X X	X	3	
34	1	1	34	X	X	2	
33	0	1	33		X	1	
32	3	1	32	X X X	X	4	
31	1	0	31	X		1	
30	2	1	30	X X	X	3	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Dearborn Street

Between: Lugonia Avenue - San Bernardino Avenue

Weather: Clear

Date: 9/2/21

Time From: 2:40

Time To: 3:45

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	18%	20%
% In Pace:	60%	68%	64%
% Under Pace:	30%	14%	16%
Average Speed:	41 MPH	42 MPH	42 MPH
Pace Speed:	39 - 48 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	35 MPH	37 MPH	36 MPH
50th Percentile / Critical Speed:	40 MPH	41 MPH	41 MPH
85th Percentile / Critical Speed:	48 MPH	48 MPH	48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	1	48		X	1
47	1	0	47	X		1
46	0	1	46		X	1
45	1	0	45	X		1
44	0	0	44			0
43	1	2	43	X	X X	3
42	1	2	42	X	X X	3
41	2	2	41	X X	X X	4
40	4	2	40	X X X X	X X	6
39	2	4	39	X X	X X X X	6
38	2	3	38	X X	X X X	5
37	6	2	37	X X X X X X	X X	8
36	2	4	36	X X	X X X X	6
35	5	3	35	X X X X X	X X X	8
34	2	4	34	X X	X X X X	6
33	3	1	33	X X X	X	4
32	5	3	32	X X X X X	X X X	8
31	2	4	31	X X	X X X X	6
30	3	3	30	X X X	X X X	6
29	2	1	29	X X	X	3
28	2	3	28	X X	X X X	5
27	1	1	27	X	X	2
26	1	0	26	X		1
25	0	2	25		X X	2
24	1	2	24	X	X X	3
23	1	0	23	X		1
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

Location: Dearborn Street

Between: San Bernardino Avenue - Sessums Drive

Weather: Clear

Date: 8/31/21

Time From: 2:30

Time To: 3:45

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	20%	14%
% In Pace:	66%	62%	63%
% Under Pace:	26%	18%	23%
Average Speed:	35 MPH	35 MPH	35 MPH
Pace Speed:	32 - 41 MPH	30 - 39 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	29 MPH	28 MPH	29 MPH
50th Percentile / Critical Speed:	35 MPH	35 MPH	35 MPH
85th Percentile / Critical Speed:	40 MPH	41 MPH	40 MPH

* PACE *

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	2	0	55	X X	2	
54	0	1	54	X	1	
53	1	1	53	X X	2	
52	1	2	52	X X X	3	*
51	1	0	51	X	1	
50	2	2	50	X X X X	4	
49	1	1	49	X X	2	
48	1	2	48	X X X	3	*
47	3	3	47	X X X X X X	6	*
46	3	3	46	X X X X X X	6	*
45	4	3	45	X X X X X X X	7	P
44	5	6	44	X X X X X X X X X X X	11	A
43	6	3	43	X X X X X X X X X	9	C
42	2	6	42	X X X X X X X X	8	E
41	2	3	41	X X X X X	5	*
40	3	0	40	X X X	3	*
39	4	4	39	X X X X X X X X	8	*
38	1	0	38	X	1	
37	0	2	37	X X	2	
36	3	0	36	X X X	3	
35	2	2	35	X X X X	4	
34	2	2	34	X X X X	4	
33	0	0	33		0	
32	1	1	32	X X	2	
31	0	1	31	X	1	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	48		GRAND TOTALS	98	

Location: Elizabeth Street

Between: Garden Street - Crescent Avenue

Weather: Clear

Date: 9/8/21

Time From: 2:30

Time To: 3:30

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	15%	15%
% In Pace:	66%	69%	67%
% Under Pace:	18%	17%	17%
Average Speed:	43 MPH	43 MPH	43 MPH
Pace Speed:	39 - 48 MPH	39 - 48 MPH	39 - 48 MPH
15th Percentile / Critical Speed:	36 MPH	37 MPH	37 MPH
50th Percentile / Critical Speed:	43 MPH	43 MPH	43 MPH
85th Percentile / Critical Speed:	49 MPH	48 MPH	49 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	1	0	48	X		1	
47	2	0	47	X X		2	
46	1	0	46	X		1	
45	0	0	45			0	
44	1	0	44	X		1	
43	1	2	43	X	X X	3	
42	0	4	42		X X X X	4	
41	3	3	41	X X X	X X X	6	*
40	3	3	40	X X X	X X X	6	*
39	1	3	39	X	X X X	4	*
38	7	3	38	X X X X X X X	X X X	10	*
37	4	7	37	X X X X	X X X X X X X	11	*
36	4	5	36	X X X X	X X X X X	9	*
35	7	5	35	X X X X X X X	X X X X X	12	*
34	2	6	34	X X	X X X X X X	8	*
33	3	4	33	X X X	X X X X	7	*
32	3	3	32	X X X	X X X	6	*
31	3	1	31	X X X	X	4	
30	0	0	30			0	
29	1	0	29	X		1	
28	2	1	28	X X	X	3	
27	0	0	27			0	
26	1	0	26	X		1	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Fern Avenue

Between: Redlands Boulevard - Cajon Street

Weather: Clear

Date: 8/24/21

Time From: 3:15

Time To: 3:40

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	4%	12%
% In Pace:	74%	86%	79%
% Under Pace:	14%	10%	9%
Average Speed:	37 MPH	37 MPH	37 MPH
Pace Speed:	32 - 41 MPH	33 - 42 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	32 MPH	33 MPH	32 MPH
50th Percentile / Critical Speed:	36 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	41 MPH	41 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	1	1	43	X	X	2	
42	1	0	42	X		1	
41	0	1	41		X	1	
40	1	1	40	X	X	2	
39	4	3	39	X X X X	X X X	7	*
38	6	2	38	X X X X X X	X X	8	*
37	2	1	37	X X	X	3	*
36	5	6	36	X X X X X	X X X X X X	11	*
35	5	8	35	X X X X X	X X X X X X X X	13	*
34	3	4	34	X X X	X X X X	7	*
33	5	6	33	X X X X X	X X X X X X	11	*
32	6	4	32	X X X X X X	X X X X	10	*
31	2	3	31	X X	X X X	5	*
30	1	2	30	X	X X	3	*
29	1	3	29	X	X X X	4	
28	2	2	28	X X	X X	4	
27	2	1	27	X X	X	3	
26	0	2	26		X X	2	
25	0	0	25			0	
24	1	0	24	X		1	
23	2	0	23	X X		2	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Fern Avenue

Between: Cajon Street - Center Street

Weather: Clear

Date: 8/24/21

Time From: 2:55

Time To: 3:15

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	4%	6%	6%
% In Pace:	78%	78%	78%
% Under Pace:	18%	16%	16%
Average Speed:	34 MPH	34 MPH	34 MPH
Pace Speed:	31 - 40 MPH	30 - 39 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	29 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	35 MPH	34 MPH	34 MPH
85th Percentile / Critical Speed:	38 MPH	38 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	1	50		X	1	
49	0	0	49			0	
48	1	2	48	X	X X	3	
47	3	0	47	X X X		3	
46	1	4	46	X	X X X X	5	
45	1	1	45	X	X	2	
44	3	3	44	X X X	X X X	6	*
43	2	3	43	X X	X X X	5	*
42	4	4	42	X X X X	X X X X	8	*
41	3	4	41	X X X	X X X X	7	*
40	0	5	40		X X X X X	5	*
39	2	5	39	X X	X X X X X	7	*
38	6	0	38	X X X X X X		6	*
37	2	4	37	X X	X X X X	6	*
36	2	5	36	X X	X X X X X	7	*
35	7	2	35	X X X X X X X	X X	9	*
34	3	2	34	X X X	X X	5	
33	4	1	33	X X X X	X	5	
32	1	0	32	X		1	
31	2	0	31	X X		2	
30	1	2	30	X	X X	3	
29	1	1	29	X	X	2	
28	1	1	28	X	X	2	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Fern Avenue

Between: Center Street - San Mateo Street

Weather: Clear

Date: 8/24/21

Time From: 1:35

Time To: 2:05

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	22%	16%	14%
% In Pace:	66%	70%	66%
% Under Pace:	12%	14%	20%
Average Speed:	38 MPH	40 MPH	39 MPH
Pace Speed:	33 - 42 MPH	35 - 44 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	33 MPH	35 MPH	33 MPH
50th Percentile / Critical Speed:	38 MPH	40 MPH	39 MPH
85th Percentile / Critical Speed:	44 MPH	45 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	1	46		X	1	
45	0	1	45		X	1	
44	2	0	44	X X		2	
43	2	0	43	X X		2	
42	1	1	42	X	X	2	
41	1	1	41	X	X	2	
40	2	1	40	X X	X	3	
39	1	2	39	X	X X	3	
38	0	6	38		X X X X X X	6	*
37	3	3	37	X X X	X X X	6	*
36	7	3	36	X X X X X X X	X X X	10	*
35	3	7	35	X X X	X X X X X X X	10	*
34	8	3	34	X X X X X X X X	X X X	11	*
33	2	4	33	X X	X X X X	6	*
32	3	2	32	X X X	X X	5	*
31	3	4	31	X X X	X X X X	7	*
30	4	5	30	X X X X	X X X X X	9	*
29	6	2	29	X X X X X X	X X	8	*
28	1	0	28	X		1	
27	1	3	27	X	X X X	4	
26	0	0	26			0	
25	0	1	25		X	1	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Fern Avenue

Between: San Mateo Street - Terracina Boulevard

Weather: Clear

Date: 8/24/21

Time From: 2:05

Time To: 2:55

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	10%	16%
% In Pace:	80%	78%	78%
% Under Pace:	2%	12%	6%
Average Speed:	34 MPH	34 MPH	34 MPH
Pace Speed:	28 - 37 MPH	30 - 39 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	29 MPH	30 MPH	30 MPH
50th Percentile / Critical Speed:	34 MPH	35 MPH	34 MPH
85th Percentile / Critical Speed:	40 MPH	38 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	1	0	56	X	1	
55	0	0	55		0	
54	2	0	54	X X	2	
53	1	1	53	X X	2	
52	0	2	52	X X	2	
51	2	3	51	X X X X X	5	
50	1	4	50	X X X X X	5	
49	0	2	49	X X	2	
48	4	4	48	X X X X X X X X	8	*
47	4	2	47	X X X X X X	6	*
46	2	5	46	X X X X X X X	7	*
45	4	3	45	X X X X X X X	7	P
44	5	5	44	X X X X X X X X X X	10	A
43	7	1	43	X X X X X X X X	8	C
42	4	6	42	X X X X X X X X X X	10	E
41	3	3	41	X X X X X X	6	*
40	3	2	40	X X X X X	5	*
39	1	3	39	X X X X	4	*
38	4	2	38	X X X X X X	6	
37	2	0	37	X X	2	
36	0	1	36	X	1	
35	0	1	35	X	1	
34	0	0	34		0	
33	0	0	33		0	
32	0	0	32		0	
31	0	0	31		0	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Fifth Avenue

Between: Ford Street - Dearborn Street

Weather: Clear

Date: 8/26/21

Time From: 3:20

Time To: 4:00

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	6%	19%
% In Pace:	74%	70%	71%
% Under Pace:	12%	24%	10%
Average Speed:	44 MPH	45 MPH	45 MPH
Pace Speed:	39 - 48 MPH	42 - 51 MPH	39 - 48 MPH
15th Percentile / Critical Speed:	40 MPH	40 MPH	40 MPH
50th Percentile / Critical Speed:	44 MPH	45 MPH	44 MPH
85th Percentile / Critical Speed:	48 MPH	50 MPH	50 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed		TOT. VEH.	PACE
				Eastbound	Westbound		
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	1	55		X	1	
54	1	0	54	X		1	
53	1	1	53	X	X	2	
52	1	1	52	X	X	2	
51	0	4	51		X X X X	4	
50	0	2	50		X X	2	
49	2	2	49	X X	X X	4	
48	4	1	48	X X X X	X	5	*
47	5	1	47	X X X X X	X	6	*
46	3	3	46	X X X	X X X	6	*
45	3	7	45	X X X	X X X X X X X	10	P
44	3	5	44	X X X	X X X X X	8	A
43	8	4	43	X X X X X X X X	X X X X	12	C
42	4	4	42	X X X X	X X X X	8	E
41	2	5	41	X X	X X X X X	7	*
40	5	1	40	X X X X X	X	6	*
39	3	3	39	X X X	X X X	6	*
38	2	2	38	X X	X X	4	
37	1	2	37	X	X X	3	
36	0	0	36			0	
35	0	0	35			0	
34	2	1	34	X X	X	3	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Fifth Avenue

Between: Dearborn Street - Wabash Avenue

Weather: Clear

Date: 9/8/21

Time From: 12:20

Time To: 12:45

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	26%	16%
% In Pace:	80%	72%	74%
% Under Pace:	10%	2%	10%
Average Speed:	44 MPH	44 MPH	44 MPH
Pace Speed:	39 - 48 MPH	37 - 46 MPH	39 - 48 MPH
15th Percentile / Critical Speed:	39 MPH	39 MPH	39 MPH
50th Percentile / Critical Speed:	43 MPH	44 MPH	44 MPH
85th Percentile / Critical Speed:	48 MPH	50 MPH	49 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	3	53	X X X	3	
52	1	1	52	X X	2	
51	1	1	51	X X	2	
50	0	1	50	X	1	
49	1	1	49	X X	2	
48	2	1	48	X X X	3	
47	2	2	47	X X X X	4	
46	2	0	46	X X	2	
45	4	3	45	X X X X X X X	7	*
44	3	2	44	X X X X X	5	*
43	3	4	43	X X X X X X X	7	*
42	3	7	42	X X X X X X X X X X	10	P
41	3	8	41	X X X X X X X X X X X	11	A
40	1	4	40	X X X X X	5	C
39	7	3	39	X X X X X X X X X X	10	E
38	5	5	38	X X X X X X X X X X	10	*
37	6	1	37	X X X X X X X	7	*
36	3	3	36	X X X X X X	6	*
35	3	0	35	X X X	3	
34	0	0	34		0	
33	0	0	33		0	
32	0	0	32		0	
31	0	0	31		0	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Ford Street

Between: Citrus Avenue - Fifth Avenue

Weather: Clear

Date: 8/26/21

Time From: 11:00

Time To: 11:25

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	18%	20%	19%
% In Pace:	76%	80%	78%
% Under Pace:	6%	0%	3%
Average Speed:	41 MPH	43 MPH	42 MPH
Pace Speed:	36 - 45 MPH	36 - 45 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH
50th Percentile / Critical Speed:	40 MPH	42 MPH	41 MPH
85th Percentile / Critical Speed:	46 MPH	48 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	1	0	50	X	1	
49	2	1	49	X X / X	3	
48	1	0	48	X	1	
47	0	4	47	X X X X	4	
46	0	4	46	X X X X	4	*
45	2	2	45	X X / X X	4	*
44	1	2	44	X / X X	3	*
43	2	3	43	X X / X X X	5	*
42	6	2	42	X X X X X X / X X	8	*
41	2	4	41	X X / X X X X	6	*
40	5	9	40	X X X X X / X X X X X X X X X	14	*
39	12	5	39	X X X X X X X X X X X X / X X X X X	17	*
38	4	3	38	X X X X / X X X	7	*
37	2	4	37	X X / X X X X	6	*
36	2	2	36	X X / X X	4	
35	3	1	35	X X X / X	4	
34	0	1	34	X	1	
33	2	1	33	X X / X	3	
32	2	0	32	X X	2	
31	1	1	31	X / X	2	
30	0	1	30	X	1	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Ford Street

Between: Fifth Avenue - Reservoir Road

Weather: Clear

Date: 8/26/21

Time From: 11:30

Time To: 11:50

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	2%	9%
% In Pace:	78%	76%	74%
% Under Pace:	10%	22%	17%
Average Speed:	40 MPH	41 MPH	40 MPH
Pace Speed:	35 - 44 MPH	38 - 47 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	35 MPH	37 MPH	36 MPH
50th Percentile / Critical Speed:	39 MPH	40 MPH	40 MPH
85th Percentile / Critical Speed:	43 MPH	46 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	0	0	55		0
54	1	0	54	X	1
53	0	0	53		0
52	2	2	52	X X / X X	4
51	1	1	51	X / X	2
50	4	0	50	X X X X	4
49	2	2	49	X X / X X	4
48	2	0	48	X X	2
47	1	2	47	X / X X	3
46	3	1	46	X X X / X	4
45	1	2	45	X / X X	3
44	3	2	44	X X X / X X	5
43	4	2	43	X X X X / X X	6
42	1	6	42	X / X X X X X X	7
41	1	2	41	X / X X	3
40	5	4	40	X X X X X / X X X X	9
39	1	5	39	X / X X X X X	6
38	4	4	38	X X X X / X X X X	8
37	2	4	37	X X / X X X X	6
36	4	3	36	X X X X / X X X	7
35	2	4	35	X X / X X X X	6
34	4	1	34	X X X X / X	5
33	1	1	33	X / X	2
32	1	1	32	X / X	2
31	0	0	31		0
30	0	1	30	/ X	1
29	0	0	29		0
28	0	0	28		0
27	0	0	27		0
26	0	0	26		0
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

Location: Ford Street

Between: Reservoir Road - Sunset Drive

Weather: Clear

Date: 8/26/21

Time From: 11:50

Time To: 12:10

Existing Speed Limit: 40 MPH

PACE *

	Northbound	Southbound	Combined Statistics
% Over Pace:	40%	20%	27%
% In Pace:	56%	72%	63%
% Under Pace:	4%	8%	10%
Average Speed:	42 MPH	40 MPH	41 MPH
Pace Speed:	34 - 43 MPH	35 - 44 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	35 MPH	35 MPH	35 MPH
50th Percentile / Critical Speed:	41 MPH	40 MPH	40 MPH
85th Percentile / Critical Speed:	50 MPH	46 MPH	48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	1	0	50	X	1
49	2	0	49	X X	2
48	0	2	48	X X	2
47	1	1	47	X / X	2
46	0	3	46	X X X	3
45	1	0	45	X	1
44	6	4	44	X X X X X X / X X X X	10
43	3	1	43	X X X / X	4
42	6	5	42	X X X X X X / X X X X X	11
41	5	3	41	X X X X X / X X X	8
40	8	6	40	X X X X X X X X / X X X X X X	14
39	1	4	39	X / X X X X	5
38	5	3	38	X X X X X / X X X	8
37	2	1	37	X X / X	3
36	4	4	36	X X X X / X X X X	8
35	1	2	35	X / X X	3
34	2	6	34	X X / X X X X X X	8
33	1	0	33	X	1
32	1	3	32	X / X X X	4
31	0	2	31	X X	2
30	0	0	30		0
29	0	0	29		0
28	0	0	28		0
27	0	0	27		0
26	0	0	26		0
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

Location: Ford Street

Between: Sunset Drive - Garden Hill Drive

Weather: Clear

Date: 8/26/21

Time From: 12:10

Time To: 1:05

Existing Speed Limit: 35 MPH

PACE *

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	20%	11%
% In Pace:	82%	70%	74%
% Under Pace:	10%	10%	15%
Average Speed:	41 MPH	39 MPH	40 MPH
Pace Speed:	36 - 45 MPH	34 - 43 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	36 MPH	34 MPH	34 MPH
50th Percentile / Critical Speed:	40 MPH	39 MPH	40 MPH
85th Percentile / Critical Speed:	44 MPH	44 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	0	43			0
42	3	0	42	X X X		3
41	0	0	41			0
40	0	1	40		X	1
39	1	0	39	X		1
38	0	3	38		X X X	3
37	3	1	37	X X X	X	4
36	3	1	36	X X X	X	4
35	4	4	35	X X X X	X X X X	8
34	2	1	34	X X	X	3
33	3	0	33	X X X		3
32	4	3	32	X X X X	X X X	7
31	7	3	31	X X X X X X X	X X X	10
30	2	5	30	X X	X X X X X	7
29	3	3	29	X X X	X X X	6
28	1	2	28	X	X X	3
27	4	6	27	X X X X	X X X X X X	10
26	2	2	26	X X	X X	4
25	3	4	25	X X X	X X X X	7
24	3	4	24	X X X	X X X X	7
23	2	3	23	X X	X X X	5
22	0	2	22		X X	2
21	0	1	21		X	1
20	0	1	20		X	1
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
14	0	0	14			0
13	0	0	13			0
12	0	0	12			0
11	0	0	11			0
10	0	0	10			0
9	0	0	9			0
8	0	0	8			0
7	0	0	7			0
6	0	0	6			0
5	0	0	5			0
Total	50	50			GRAND TOTALS	100

Location: Franklin Avenue

Between: Eucalyptus Drive - Oak Street

Weather: Clear

Date: 9/8/21

Time From: 2:05

Time To: 3:40

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	22%	30%
% In Pace:	66%	70%	66%
% Under Pace:	20%	8%	4%
Average Speed:	31 MPH	29 MPH	30 MPH
Pace Speed:	27 - 36 MPH	23 - 32 MPH	23 - 32 MPH
15th Percentile / Critical Speed:	25 MPH	24 MPH	24 MPH
50th Percentile / Critical Speed:	31 MPH	28 MPH	30 MPH
85th Percentile / Critical Speed:	36 MPH	35 MPH	36 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	1	45		X	1	
44	1	1	44	X	X	2	
43	1	0	43	X		1	
42	1	1	42	X	X	2	
41	1	4	41	X	X X X X	5	
40	3	0	40	X X X		3	
39	2	2	39	X X	X X	4	*
38	4	3	38	X X X X	X X X	7	*
37	4	3	37	X X X X	X X X	7	*
36	3	1	36	X X X	X	4	P
35	6	5	35	X X X X X X	X X X X X	11	A
34	3	5	34	X X X	X X X X X	8	C
33	3	4	33	X X X	X X X X	7	E
32	5	7	32	X X X X X	X X X X X X X	12	*
31	4	6	31	X X X X	X X X X X X	10	*
30	1	3	30	X	X X X	4	*
29	1	1	29	X	X	2	
28	4	0	28	X X X X		4	
27	0	1	27		X	1	
26	1	1	26	X	X	2	
25	1	1	25	X	X	2	
24	1	0	24	X		1	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Franklin Avenue

Between: Oak Street - Garden Street

Weather: Clear

Date: 9/8/21

Time From: 1:05

Time To: 2:00

Existing Speed Limit: 25 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	8%	14%	14%
% In Pace:	74%	78%	74%
% Under Pace:	18%	8%	12%
Average Speed:	34 MPH	34 MPH	34 MPH
Pace Speed:	31 - 40 MPH	30 - 39 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	29 MPH	31 MPH	30 MPH
50th Percentile / Critical Speed:	35 MPH	34 MPH	34 MPH
85th Percentile / Critical Speed:	39 MPH	39 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	3	51	X X X	3
50	0	0	50		0
49	1	1	49	X X	2
48	1	1	48	X X	2
47	2	1	47	X X X	3
46	0	3	46	X X X	3
45	1	8	45	X X X X X X X X X	9
44	2	4	44	X X X X X X	6
43	4	5	43	X X X X X X X X X	9
42	8	2	42	X X X X X X X X X X	10
41	6	2	41	X X X X X X X X	8
40	8	3	40	X X X X X X X X X X X	11
39	4	7	39	X X X X X X X X X X X	11
38	8	2	38	X X X X X X X X X X	10
37	1	3	37	X X X X	4
36	2	1	36	X X X	3
35	2	3	35	X X X X	5
34	0	1	34	X	1
33	0	0	33		0
32	0	0	32		0
31	0	0	31		0
30	0	0	30		0
29	0	0	29		0
28	0	0	28		0
27	0	0	27		0
26	0	0	26		0
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

* * * PACE * * *

Location: Garden Street

Between: Mariposa Drive - Cajon Street

Weather: Clear

Date: 9/8/21

Time From: 9:30

Time To: 10:00

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	12%	10%
% In Pace:	90%	78%	81%
% Under Pace:	0%	10%	9%
Average Speed:	41 MPH	42 MPH	41 MPH
Pace Speed:	35 - 44 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	38 MPH	37 MPH	38 MPH
50th Percentile / Critical Speed:	40 MPH	43 MPH	41 MPH
85th Percentile / Critical Speed:	43 MPH	46 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	0	0	44		0	
43	1	1	43	X X	2	
42	0	1	42	X	1	
41	1	3	41	X X X X	4	*
40	3	2	40	X X X X X	5	*
39	1	2	39	X X X	3	
38	0	1	38	X	1	
37	3	1	37	X X X X	4	*
36	0	5	36	X X X X X	5	*
35	3	4	35	X X X X X X X	7	*
34	5	0	34	X X X X X	5	P
33	3	4	33	X X X X X X X	7	A
32	6	4	32	X X X X X X X X X X	10	C
31	8	5	31	X X X X X X X X X X X X X	13	E
30	4	2	30	X X X X X X	6	*
29	5	8	29	X X X X X X X X X X X X X	13	*
28	1	1	28	X X	2	*
27	1	0	27	X	1	
26	0	1	26	X	1	
25	4	4	25	X X X X X X X X	8	
24	1	1	24	X X	2	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Grove Street

Between: Highland Avenue - Citrus Avenue

Weather: Clear

Date: 9/8/21

Time From: 2:05

Time To: 4:00

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	18%	16%
% In Pace:	76%	68%	72%
% Under Pace:	12%	14%	12%
Average Speed:	32 MPH	33 MPH	33 MPH
Pace Speed:	28 - 37 MPH	29 - 38 MPH	28 - 37 MPH
15th Percentile / Critical Speed:	29 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	32 MPH	32 MPH	32 MPH
85th Percentile / Critical Speed:	37 MPH	39 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	1	49		X	1
48	0	1	48		X	1
47	0	1	47		X	1
46	1	2	46	X	X X	3
45	3	0	45	X X X		3
44	0	0	44			0
43	3	1	43	X X X	X	4
42	1	1	42	X	X	2
41	1	2	41	X	X X	3
40	1	1	40	X	X	2
39	3	3	39	X X X	X X X	6
38	1	0	38	X		1
37	5	3	37	X X X X X	X X X	8
36	5	4	36	X X X X X	X X X X	9
35	2	4	35	X X	X X X X	6
34	5	4	34	X X X X X	X X X X	9
33	3	4	33	X X X	X X X X	7
32	1	3	32	X	X X X	4
31	1	2	31	X	X X	3
30	5	4	30	X X X X X	X X X X	9
29	3	3	29	X X X	X X X	6
28	1	1	28	X	X	2
27	4	2	27	X X X X	X X	6
26	0	1	26		X	1
25	1	2	25	X	X X	3
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

PACE * * * * * *

Location: Grove Street

Between: Citrus Avenue - Brockton Avenue

Weather: Clear

Date: 9/8/21

Time From: 12:50

Time To: 1:30

Existing Speed Limit: N / P MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	20%	26%	27%
% In Pace:	62%	64%	63%
% Under Pace:	18%	10%	10%
Average Speed:	35 MPH	35 MPH	35 MPH
Pace Speed:	30 - 39 MPH	28 - 37 MPH	28 - 37 MPH
15th Percentile / Critical Speed:	29 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	35 MPH	34 MPH	34 MPH
85th Percentile / Critical Speed:	42 MPH	41 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	1	4	52	X	X X X	5	
51	1	1	51	X	X	2	
50	1	2	50	X	X X	3	
49	4	2	49	X X X X	X X	6	*
48	2	6	48	X X	X X X X X X	8	*
47	0	1	47		X	1	*
46	3	3	46	X X X	X X X	6	*
45	3	3	45	X X X	X X X	6	*
44	2	2	44	X X	X X	4	*
43	5	10	43	X X X X X	X X X X X X X X X X	15	*
42	6	3	42	X X X X X X	X X X	9	*
41	6	0	41	X X X X X X		6	*
40	5	5	40	X X X X X	X X X X X	10	*
39	3	0	39	X X X		3	
38	3	2	38	X X X	X X	5	
37	2	1	37	X X	X	3	
36	0	2	36		X X	2	
35	2	0	35	X X		2	
34	1	2	34	X	X X	3	
33	0	0	33			0	
32	0	1	32		X	1	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Highland Avenue

Between: Ford Street - Cajon Street

Weather: Clear

Date: 9/2/21

Time From: 11:40

Time To: 12:05

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	14%	10%
% In Pace:	76%	70%	71%
% Under Pace:	6%	16%	19%
Average Speed:	43 MPH	44 MPH	43 MPH
Pace Speed:	37 - 46 MPH	40 - 49 MPH	40 - 49 MPH
15th Percentile / Critical Speed:	38 MPH	38 MPH	38 MPH
50th Percentile / Critical Speed:	42 MPH	43 MPH	43 MPH
85th Percentile / Critical Speed:	48 MPH	49 MPH	49 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	1	0	47	X		1
46	2	0	46	X X		2
45	1	0	45	X		1
44	3	1	44	X X X	X	4
43	0	3	43		X X X	3
42	0	2	42		X X	2
41	5	2	41	X X X X X	X X	7
40	4	6	40	X X X X	X X X X X X	10
39	1	4	39	X	X X X X	5
38	7	1	38	X X X X X X X	X	8
37	4	7	37	X X X X	X X X X X X X	11
36	4	6	36	X X X X	X X X X X X	10
35	2	4	35	X X	X X X X	6
34	1	4	34	X	X X X X	5
33	4	1	33	X X X X	X	5
32	4	4	32	X X X X	X X X X	8
31	2	1	31	X X	X	3
30	3	1	30	X X X	X	4
29	2	0	29	X X		2
28	0	1	28		X	1
27	0	2	27		X X	2
26	0	0	26			0
25	0	0	25			0
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

Location: Highland Avenue

Between: Cajon Street - San Mateo Street

Weather: Clear

Date: 9/2/21

Time From: 11:05

Time To: 11:40

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	2%	13%
% In Pace:	72%	78%	75%
% Under Pace:	14%	20%	12%
Average Speed:	37 MPH	37 MPH	37 MPH
Pace Speed:	32 - 41 MPH	34 - 43 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	32 MPH	32 MPH	32 MPH
50th Percentile / Critical Speed:	37 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	41 MPH	41 MPH	41 MPH

PACE * * * * * * *

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	0	43			0
42	0	0	42			0
41	0	0	41			0
40	0	0	40			0
39	0	0	39			0
38	0	0	38			0
37	1	0	37	X		1
36	0	0	36			0
35	1	1	35	X	X	2
34	1	2	34	X	X X	3
33	2	1	33	X X	X	3
32	2	2	32	X X	X X	4
31	4	3	31	X X X X	X X X	7
30	1	6	30	X	X X X X X X	7
29	5	3	29	X X X X X	X X X	8
28	9	4	28	X X X X X X X X X	X X X X	13
27	5	9	27	X X X X X	X X X X X X X X X	14
26	3	8	26	X X X	X X X X X X X X	11
25	8	4	25	X X X X X X X X	X X X X	12
24	5	3	24	X X X X X	X X X	8
23	3	1	23	X X X	X	4
22	0	2	22		X X	2
21	0	1	21		X	1
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
14	0	0	14			0
13	0	0	13			0
12	0	0	12			0
11	0	0	11			0
10	0	0	10			0
9	0	0	9			0
8	0	0	8			0
7	0	0	7			0
6	0	0	6			0
5	0	0	5			0
Total	50	50			GRAND TOTALS	100

PACE * * * * * * * * *

Location: Highland Avenue

Between: San Mateo Street - Serpentine Drive

Weather: Clear

Date: 9/2/21

Time From: 10:10

Time To: 11:05

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	6%	9%
% In Pace:	90%	86%	88%
% Under Pace:	0%	8%	3%
Average Speed:	28 MPH	28 MPH	28 MPH
Pace Speed:	23 - 32 MPH	24 - 33 MPH	23 - 32 MPH
15th Percentile / Critical Speed:	24 MPH	25 MPH	24 MPH
50th Percentile / Critical Speed:	28 MPH	27 MPH	27 MPH
85th Percentile / Critical Speed:	31 MPH	31 MPH	31 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	1	51		X	1	
50	0	1	50		X	1	
49	2	1	49	X X	X	3	
48	2	1	48	X X	X	3	
47	0	0	47			0	
46	2	2	46	X X	X X	4	
45	1	3	45	X	X X X	4	
44	5	4	44	X X X X X	X X X X	9	*
43	4	2	43	X X X X	X X	6	*
42	4	7	42	X X X X	X X X X X X X	11	*
41	2	5	41	X X	X X X X X	7	*
40	5	8	40	X X X X X	X X X X X X X X	13	*
39	5	3	39	X X X X X	X X X	8	*
38	3	5	38	X X X	X X X X X	8	*
37	6	2	37	X X X X X X	X X	8	*
36	5	0	36	X X X X X		5	*
35	3	2	35	X X X	X X	5	*
34	0	2	34		X X	2	
33	0	0	33			0	
32	0	0	32			0	
31	1	1	31	X	X	2	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Judson Street

Between: Citrus Avenue - Colton Avenue

Weather: Clear

Date: 9/2/21

Time From: 12:10

Time To: 12:30

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	14%	8%	16%
% In Pace:	84%	82%	80%
% Under Pace:	2%	10%	4%
Average Speed:	40 MPH	41 MPH	41 MPH
Pace Speed:	35 - 44 MPH	37 - 46 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	36 MPH	38 MPH	37 MPH
50th Percentile / Critical Speed:	40 MPH	41 MPH	40 MPH
85th Percentile / Critical Speed:	44 MPH	45 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	0	49		0
48	1	0	48	X	1
47	0	0	47		0
46	3	0	46	X X X	3
45	2	1	45	X X / X	3
44	0	1	44	X	1
43	4	1	43	X X X X / X	5
42	6	3	42	X X X X X X / X X X	9
41	4	5	41	X X X X / X X X X X	9
40	5	8	40	X X X X X / X X X X X X X X	13
39	2	3	39	X X / X X X	5
38	2	5	38	X X / X X X X X	7
37	9	9	37	X X X X X X X X X / X X X X X X X X X	18
36	3	4	36	X X X / X X X X	7
35	6	5	35	X X X X X X / X X X X X	11
34	2	3	34	X X / X X X	5
33	1	0	33	X	1
32	0	1	32	X	1
31	0	1	31	X	1
30	0	0	30		0
29	0	0	29		0
28	0	0	28		0
27	0	0	27		0
26	0	0	26		0
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

PACE * * * * * * *

Location: Judson Street

Between: Colton Avenue - Lugonia Avenue

Weather: Clear

Date: 9/2/21

Time From: 12:30

Time To: 1:00

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	4%	8%
% In Pace:	86%	92%	89%
% Under Pace:	2%	4%	3%
Average Speed:	39 MPH	38 MPH	39 MPH
Pace Speed:	34 - 43 MPH	34 - 43 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	35 MPH	35 MPH	35 MPH
50th Percentile / Critical Speed:	40 MPH	38 MPH	38 MPH
85th Percentile / Critical Speed:	43 MPH	41 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	1	0	47	X		1	
46	0	0	46			0	
45	3	0	45	X X X		3	
44	1	0	44	X		1	
43	3	1	43	X X X	X	4	
42	3	1	42	X X X	X	4	
41	1	1	41	X	X	2	
40	3	1	40	X X X	X	4	
39	3	3	39	X X X	X X X	6	*
38	3	2	38	X X X	X X	5	*
37	1	4	37	X	X X X X	5	*
36	4	3	36	X X X X	X X X	7	P
35	3	3	35	X X X	X X X	6	A
34	5	10	34	X X X X X	X X X X X X X X X X	15	C
33	5	4	33	X X X X X	X X X X	9	E
32	2	7	32	X X	X X X X X X X	9	*
31	5	3	31	X X X X X	X X X	8	*
30	3	4	30	X X X	X X X X	7	*
29	0	0	29			0	
28	1	2	28	X	X X	3	
27	0	1	27		X	1	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Judson Street

Between: Lugonia Avenue - Pioneer Avenue

Weather: Clear

Date: 9/1/21

Time From: 3:15

Time To: 3:55

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	24%	8%	19%
% In Pace:	68%	86%	77%
% Under Pace:	8%	6%	4%
Average Speed:	37 MPH	34 MPH	35 MPH
Pace Speed:	31 - 40 MPH	30 - 39 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	31 MPH	31 MPH	31 MPH
50th Percentile / Critical Speed:	36 MPH	34 MPH	34 MPH
85th Percentile / Critical Speed:	43 MPH	38 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
75	0	0	75			0
74	0	0	74			0
73	0	0	73			0
72	0	0	72			0
71	0	0	71			0
70	0	0	70			0
69	0	0	69			0
68	0	0	68			0
67	0	0	67			0
66	0	0	66			0
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	2	59		X X	2
58	0	1	58		X	1
57	2	2	57	X X	X X	4
56	2	2	56	X X	X X	4
55	1	3	55	X	X X X	4
54	1	2	54	X	X X	3
53	1	2	53	X	X X	3
52	2	2	52	X X	X X	4
51	3	4	51	X X X	X X X X	7
50	3	1	50	X X X	X	4
49	0	3	49		X X X	3
48	2	2	48	X X	X X	4
47	5	6	47	X X X X X	X X X X X X	11
46	4	1	46	X X X X	X	5
45	5	6	45	X X X X X	X X X X X X	11
44	1	4	44	X	X X X X	5
43	6	3	43	X X X X X X	X X X	9
42	3	1	42	X X X	X	4
41	1	0	41	X		1
40	1	1	40	X	X	2
39	2	1	39	X X	X	3
38	2	1	38	X X	X	3
37	2	0	37	X X		2
36	1	0	36	X		1
35	0	0	35			0
34	0	0	34			0
33	0	0	33			0
32	0	0	32			0
31	0	0	31			0
30	0	0	30			0
29	0	0	29			0
28	0	0	28			0
27	0	0	27			0
26	0	0	26			0
25	0	0	25			0
Total	50	50			GRAND TOTALS	100

Location: Lugonia Avenue

Between: 1500' W/ Research Avenue - California Street

Weather: Clear

Date: 8/31/21

Time From: 9:00

Time To: 9:25

Existing Speed Limit: 50 MPH

PACE

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	28%	21%
% In Pace:	64%	64%	63%
% Under Pace:	18%	8%	16%
Average Speed:	46 MPH	49 MPH	48 MPH
Pace Speed:	42 - 51 MPH	43 - 52 MPH	43 - 52 MPH
15th Percentile / Critical Speed:	40 MPH	44 MPH	42 MPH
50th Percentile / Critical Speed:	46 MPH	48 MPH	47 MPH
85th Percentile / Critical Speed:	52 MPH	55 MPH	54 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	1	0	54	X		1	
53	1	1	53	X	X	2	
52	2	2	52	X X	X X	4	
51	0	1	51		X	1	
50	3	1	50	X X X	X	4	
49	1	1	49	X	X	2	
48	0	1	48		X	1	
47	1	2	47	X	X X	3	
46	1	3	46	X	X X X	4	*
45	3	8	45	X X X	X X X X X X X X	11	*
44	0	3	44		X X X	3	*
43	8	4	43	X X X X X X X X	X X X X	12	*
42	4	3	42	X X X X	X X X	7	*
41	6	3	41	X X X X X X	X X X	9	*
40	4	3	40	X X X X	X X X	7	*
39	3	3	39	X X X	X X X	6	*
38	3	6	38	X X X	X X X X X X	9	*
37	3	1	37	X X X	X	4	*
36	2	2	36	X X	X X	4	
35	2	2	35	X X	X X	4	
34	1	0	34	X		1	
33	0	0	33			0	
32	1	0	32	X		1	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Lugonia Avenue

Between: California Street - Alabama Street

Weather: Clear

Date: 8/31/21

Time From: 9:00

Time To: 9:25

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	20%	14%	18%
% In Pace:	72%	76%	72%
% Under Pace:	8%	10%	10%
Average Speed:	42 MPH	43 MPH	43 MPH
Pace Speed:	36 - 45 MPH	38 - 47 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	37 MPH	38 MPH	38 MPH
50th Percentile / Critical Speed:	41 MPH	43 MPH	42 MPH
85th Percentile / Critical Speed:	49 MPH	47 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	1	0	49	X	1	
48	0	0	48		0	
47	3	0	47	X X X	3	
46	6	1	46	X X X X X X / X	7	*
45	1	0	45	X	1	*
44	3	1	44	X X X / X	4	*
43	3	6	43	X X X / X X X X X X	9	
42	7	4	42	X X X X X X X / X X X X	11	
41	6	10	41	X X X X X X / X X X X X X X X X	16	
40	3	9	40	X X X / X X X X X X X X	12	
39	2	4	39	X X / X X X X	6	*
38	3	10	38	X X X / X X X X X X X X X X	13	*
37	4	3	37	X X X X / X X X	7	*
36	3	0	36	X X X	3	
35	2	2	35	X X / X X	4	
34	3	0	34	X X X	3	
33	0	0	33		0	
32	0	0	32		0	
31	0	0	31		0	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Lugonia Avenue

Between: Alabama Street - Tennessee Street

Weather: Clear

Date: 8/31/21

Time From: 9:30

Time To: 9:50

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	8%	2%	4%
% In Pace:	76%	98%	86%
% Under Pace:	16%	0%	10%
Average Speed:	41 MPH	40 MPH	41 MPH
Pace Speed:	37 - 46 MPH	35 - 44 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	36 MPH	38 MPH	37 MPH
50th Percentile / Critical Speed:	41 MPH	40 MPH	41 MPH
85th Percentile / Critical Speed:	46 MPH	43 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	1	48		X	1	
47	2	1	47	X X	X	3	
46	1	3	46	X	X X X	4	
45	1	0	45	X		1	
44	1	3	44	X	X X X	4	
43	5	5	43	X X X X X	X X X X X	10	*
42	5	1	42	X X X X X	X	6	*
41	2	6	41	X X	X X X X X X	8	*
40	1	5	40	X	X X X X X	6	
39	3	5	39	X X X	X X X X X	8	
38	1	5	38	X	X X X X X	6	
37	6	3	37	X X X X X X	X X X	9	
36	7	4	36	X X X X X X X	X X X X	11	*
35	6	5	35	X X X X X X	X X X X X	11	*
34	4	1	34	X X X X	X	5	*
33	1	0	33	X		1	
32	3	1	32	X X X	X	4	
31	0	1	31		X	1	
30	1	0	30	X		1	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Lugonia Avenue

Between: Tennessee Street - Texas Street

Weather: Clear

Date: 8/31/21

Time From: 9:50

Time To: 10:15

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	10%	13%
% In Pace:	80%	84%	80%
% Under Pace:	10%	6%	7%
Average Speed:	38 MPH	40 MPH	39 MPH
Pace Speed:	34 - 43 MPH	35 - 44 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	34 MPH	35 MPH	35 MPH
50th Percentile / Critical Speed:	37 MPH	39 MPH	39 MPH
85th Percentile / Critical Speed:	43 MPH	44 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	1	2	49	X	X X	3	
48	2	2	48	X X	X X	4	
47	3	0	47	X X X		3	
46	2	1	46	X X	X	3	
45	3	5	45	X X X	X X X X X	8	*
44	3	2	44	X X X	X X	5	*
43	7	4	43	X X X X X X X	X X X X	11	*
42	4	9	42	X X X X	X X X X X X X X X	13	P
41	7	5	41	X X X X X X X	X X X X X	12	A
40	4	3	40	X X X X	X X X	7	C
39	0	5	39		X X X X X	5	E
38	4	7	38	X X X X	X X X X X X X	11	*
37	3	1	37	X X X	X	4	*
36	3	1	36	X X X	X	4	*
35	2	1	35	X X	X	3	
34	0	0	34			0	
33	1	2	33	X	X X	3	
32	1	0	32	X		1	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Lugonia Avenue

Between: Texas Street - Orange Street

Weather: Clear

Date: 8/31/21

Time From: 10:20

Time To: 10:40

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	8%	13%
% In Pace:	76%	84%	80%
% Under Pace:	8%	8%	7%
Average Speed:	41 MPH	41 MPH	41 MPH
Pace Speed:	36 - 45 MPH	37 - 46 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH
50th Percentile / Critical Speed:	41 MPH	41 MPH	41 MPH
85th Percentile / Critical Speed:	46 MPH	45 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.
				Eastbound / Westbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	0	49		0
48	0	0	48		0
47	0	0	47		0
46	1	0	46	X	1
45	0	0	45		0
44	0	0	44		0
43	0	0	43		0
42	5	0	42	X X X X X	5
41	1	1	41	X X	2
40	0	1	40	X	1
39	1	2	39	X X X	3
38	5	3	38	X X X X X X X X	8
37	4	5	37	X X X X X X X X X	9
36	1	2	36	X X X	3
35	1	4	35	X X X X X	5
34	5	0	34	X X X X X	5
33	6	1	33	X X X X X X X	7
32	3	7	32	X X X X X X X X X X	10
31	3	2	31	X X X X X	5
30	3	4	30	X X X X X X X	7
29	1	3	29	X X X X	4
28	1	2	28	X X X	3
27	1	2	27	X X X	3
26	3	4	26	X X X X X X X	7
25	5	2	25	X X X X X X X	7
24	0	1	24	X	1
23	0	1	23	X	1
22	0	1	22	X	1
21	0	2	21	X X	2
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

Location: Mariposa Drive

Between: Wabash Avenue - Country Club Drive

Weather: Clear

Date: 9/2/21

Time From: 9:00

Time To: 1:10

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	8%	12%
% In Pace:	64%	62%	63%
% Under Pace:	22%	30%	25%
Average Speed:	34 MPH	31 MPH	33 MPH
Pace Speed:	30 - 39 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	26 MPH	26 MPH	26 MPH
50th Percentile / Critical Speed:	33 MPH	32 MPH	32 MPH
85th Percentile / Critical Speed:	39 MPH	37 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	1	45	X	1	
44	1	0	44	X	1	
43	2	0	43	X X	2	
42	1	2	42	X X	3	
41	2	6	41	X X X X X X X X	8	*
40	0	1	40	X	1	*
39	6	2	39	X X X X X X X X	8	*
38	7	5	38	X X X X X X X X X X X X	12	P
37	9	6	37	X X X X X X X X X X X X X X X	15	A
36	4	3	36	X X X X X X X	7	C
35	4	10	35	X X X X X X X X X X X X X X	14	E
34	1	2	34	X X X	3	*
33	3	1	33	X X X X	4	*
32	5	5	32	X X X X X X X X X X	10	*
31	3	1	31	X X X X	4	
30	1	3	30	X X X X	4	
29	1	1	29	X X	2	
28	0	1	28	X	1	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Mariposa Drive

Between: Country Club Drive - Garden Street

Weather: Clear

Date: 8/31/21

Time From: 12:00

Time To: 12:25

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	6%	7%
% In Pace:	86%	82%	82%
% Under Pace:	2%	12%	11%
Average Speed:	36 MPH	36 MPH	36 MPH
Pace Speed:	30 - 39 MPH	32 - 41 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	32 MPH	32 MPH	32 MPH
50th Percentile / Critical Speed:	37 MPH	36 MPH	37 MPH
85th Percentile / Critical Speed:	39 MPH	41 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	0	0	36			0	
35	0	0	35			0	
34	0	0	34			0	
33	0	0	33			0	
32	0	3	32		X X X	3	
31	0	1	31		X	1	
30	0	0	30			0	
29	0	1	29		X	1	
28	1	3	28	X	X X X	4	
27	1	5	27	X	X X X X X	6	
26	2	3	26	X X	X X X	5	
25	1	2	25	X	X X	3	
24	5	4	24	X X X X X	X X X X	9	*
23	2	5	23	X X	X X X X X	7	*
22	1	3	22	X	X X X	4	*
21	1	3	21	X	X X X	4	
20	2	2	20	X X	X X	4	
19	8	3	19	X X X X X X X X	X X X	11	
18	3	4	18	X X X	X X X X	7	
17	2	0	17	X X		2	*
16	5	3	16	X X X X X	X X X	8	*
15	3	2	15	X X X	X X	5	*
14	4	2	14	X X X X	X X	6	
13	3	1	13	X X X	X	4	
12	5	0	12	X X X X X		5	
11	0	0	11			0	
10	1	0	10	X		1	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Mariposa Drive

Between: Halsey Street - Dwight Street

Weather: Clear

Date: 9/1/21

Time From: 9:00

Time To: 4:00

Existing Speed Limit: N / P MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	26%	16%	23%
% In Pace:	72%	68%	61%
% Under Pace:	2%	16%	16%
Average Speed:	18 MPH	23 MPH	20 MPH
Pace Speed:	12 - 21 MPH	18 - 27 MPH	15 - 24 MPH
15th Percentile / Critical Speed:	13 MPH	16 MPH	14 MPH
50th Percentile / Critical Speed:	18 MPH	23 MPH	20 MPH
85th Percentile / Critical Speed:	24 MPH	28 MPH	26 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
75	0	0	75			0	
74	0	0	74			0	
73	0	0	73			0	
72	0	0	72			0	
71	0	0	71			0	
70	0	0	70			0	
69	0	0	69			0	
68	0	0	68			0	
67	0	0	67			0	
66	0	0	66			0	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	1	59		X	1	
58	0	1	58		X	1	
57	0	2	57		X X	2	
56	3	2	56	X X X	X X	5	
55	0	3	55		X X X	3	
54	3	2	54	X X X	X X	5	*
53	4	6	53	X X X X	X X X X X X	10	*
52	5	0	52	X X X X X		5	*
51	2	4	51	X X	X X X X	6	P
50	2	4	50	X X	X X X X	6	A
49	7	5	49	X X X X X X X	X X X X X	12	C
48	5	3	48	X X X X X	X X X	8	E
47	2	1	47	X X	X	3	*
46	4	7	46	X X X X	X X X X X X X	11	*
45	4	4	45	X X X X	X X X X	8	*
44	1	2	44	X	X X	3	
43	2	2	43	X X	X X	4	
42	2	0	42	X X		2	
41	2	1	41	X X	X	3	
40	2	0	40	X X		2	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	0	0	36			0	
35	0	0	35			0	
34	0	0	34			0	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
Total	50	50			GRAND TOTALS	100	

Location: Mountain View Avenue

Between: Interstate 10 - Central Avenue

Weather: Clear

Date: 9/9/21

Time From: 2:15

Time To: 2:35

Existing Speed Limit: 45 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	18%	12%
% In Pace:	76%	72%	74%
% Under Pace:	18%	10%	14%
Average Speed:	48 MPH	50 MPH	49 MPH
Pace Speed:	45 - 54 MPH	45 - 54 MPH	45 - 54 MPH
15th Percentile / Critical Speed:	43 MPH	45 MPH	45 MPH
50th Percentile / Critical Speed:	49 MPH	49 MPH	49 MPH
85th Percentile / Critical Speed:	53 MPH	55 MPH	54 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
65	0	0	65		0
64	0	0	64		0
63	0	0	63		0
62	0	0	62		0
61	0	0	61		0
60	0	0	60		0
59	0	0	59		0
58	0	0	58		0
57	0	0	57		0
56	0	0	56		0
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	3	52	X X X	3
51	0	0	51		0
50	0	1	50	X	1
49	0	2	49	X X	2
48	0	2	48	X X	2
47	1	0	47	X	1
46	4	1	46	X X X X X	5
45	1	1	45	X X	2
44	4	0	44	X X X X	4
43	1	3	43	X X X X	4
42	3	6	42	X X X X X X X X X	9
41	3	9	41	X X X X X X X X X X X X	12
40	6	3	40	X X X X X X X X X	9
39	6	5	39	X X X X X X X X X X X	11
38	5	3	38	X X X X X X X X	8
37	3	4	37	X X X X X X X	7
36	1	4	36	X X X X X	5
35	3	2	35	X X X X X	5
34	1	1	34	X X	2
33	3	0	33	X X X	3
32	1	0	32	X	1
31	1	0	31	X	1
30	3	0	30	X X X	3
29	0	0	29		0
28	0	0	28		0
27	0	0	27		0
26	0	0	26		0
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
Total	50	50		GRAND TOTALS	100

Location: New York Street

Between: Colton Avenue - Lugonia Avenue

Weather: Clear

Date: 9/9/21

Time From: 9:00

Time To: 9:30

Existing Speed Limit: 40 MPH

PACE *

	Northbound	Southbound	Combined Statistics
% Over Pace:	2%	20%	16%
% In Pace:	72%	80%	74%
% Under Pace:	26%	0%	10%
Average Speed:	39 MPH	41 MPH	40 MPH
Pace Speed:	37 - 46 MPH	34 - 43 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	33 MPH	37 MPH	35 MPH
50th Percentile / Critical Speed:	39 MPH	41 MPH	40 MPH
85th Percentile / Critical Speed:	44 MPH	48 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	1	0	41	X		1	
40	0	0	40			0	
39	0	2	39		X X	2	
38	1	0	38	X		1	
37	1	2	37	X	X X	3	
36	3	5	36	X X X	X X X X X	8	*
35	2	5	35	X X	X X X X X	7	*
34	3	0	34	X X X		3	*
33	10	2	33	X X X X X X X X X X	X X	12	P
32	2	10	32	X X	X X X X X X X X X X	12	A
31	12	6	31	X X X X X X X X X X X X	X X X X X X	18	C
30	6	9	30	X X X X X X	X X X X X X X X X	15	E
29	3	3	29	X X X	X X X	6	*
28	1	3	28	X	X X X	4	*
27	3	3	27	X X X	X X X	6	*
26	1	0	26	X		1	
25	1	0	25	X		1	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Olive Avenue

Between: Citrus Avenue - San Mateo Street

Weather: Clear

Date: 9/2/21

Time From: 9:15

Time To: 9:35

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	6%	8%	7%
% In Pace:	90%	92%	91%
% Under Pace:	4%	0%	2%
Average Speed:	32 MPH	32 MPH	32 MPH
Pace Speed:	27 - 36 MPH	27 - 36 MPH	27 - 36 MPH
15th Percentile / Critical Speed:	29 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	31 MPH	32 MPH	31 MPH
85th Percentile / Critical Speed:	35 MPH	36 MPH	35 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	2	0	46	X X		2	
45	0	1	45		X	1	
44	0	0	44			0	
43	2	5	43	X X	X X X X X	7	*
42	2	4	42	X X	X X X X	6	*
41	2	2	41	X X	X X	4	*
40	2	5	40	X X	X X X X X	7	
39	2	4	39	X X	X X X X	6	
38	6	1	38	X X X X X X	X	7	
37	4	8	37	X X X X	X X X X X X X X	12	
36	5	4	36	X X X X X	X X X X	9	*
35	3	7	35	X X X	X X X X X X X	10	*
34	3	3	34	X X X	X X X	6	*
33	5	1	33	X X X X X	X	6	
32	3	3	32	X X X	X X X	6	
31	3	1	31	X X X	X	4	
30	4	1	30	X X X X	X	5	
29	1	0	29	X		1	
28	1	0	28	X		1	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Olive Avenue

Between: San Mateo Street - Terracina Boulevard

Weather: Clear

Date: 9/2/21

Time From: 9:35

Time To: 10:05

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	20%	2%	3%
% In Pace:	76%	86%	74%
% Under Pace:	4%	12%	23%
Average Speed:	36 MPH	38 MPH	37 MPH
Pace Speed:	30 - 39 MPH	34 - 43 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	31 MPH	34 MPH	32 MPH
50th Percentile / Critical Speed:	36 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	41 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	2	0	47	X X		2	
46	0	0	46			0	
45	2	4	45	X X	X X X X	6	*
44	2	5	44	X X	X X X X X	7	*
43	3	3	43	X X X	X X X	6	*
42	4	7	42	X X X X	X X X X X X X	11	
41	6	7	41	X X X X X X	X X X X X X X	13	
40	6	5	40	X X X X X X	X X X X X	11	
39	11	4	39	X X X X X X X X X X X	X X X X	15	
38	5	2	38	X X X X X	X X	7	*
37	1	4	37	X	X X X X	5	*
36	4	3	36	X X X X	X X X	7	*
35	2	2	35	X X	X X	4	
34	0	2	34		X X	2	
33	2	0	33	X X		2	
32	0	2	32		X X	2	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Orange Street

Between: Lugonia Avenue - Pioneer Avenue

Weather: Clear

Date: 8/31/21

Time From: 10:40

Time To: 11:00

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	4%	0%	2%
% In Pace:	88%	88%	88%
% Under Pace:	8%	12%	10%
Average Speed:	40 MPH	40 MPH	40 MPH
Pace Speed:	36 - 45 MPH	36 - 45 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	36 MPH	36 MPH	36 MPH
50th Percentile / Critical Speed:	39 MPH	41 MPH	40 MPH
85th Percentile / Critical Speed:	43 MPH	44 MPH	43 MPH

Radar Survey Conducted By:

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Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	1	1	49	X X	2	
48	1	1	48	X X	2	
47	3	1	47	X X X X	4	
46	3	2	46	X X X X X	5	
45	3	5	45	X X X X X X X X	8	*
44	3	1	44	X X X X	4	*
43	5	4	43	X X X X X X X X X	9	*
42	3	3	42	X X X X X X	6	
41	3	5	41	X X X X X X X X	8	P
40	3	6	40	X X X X X X X X	9	A
39	6	8	39	X X X X X X X X X X X X X	14	C
38	6	5	38	X X X X X X X X X X	11	E
37	4	2	37	X X X X X X	6	*
36	3	4	36	X X X X X X X	7	*
35	0	1	35	X	1	
34	1	0	34	X	1	
33	1	0	33	X	1	
32	1	0	32	X	1	
31	0	1	31	X	1	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Orange Street

Between: Pioneer Avenue - Hubbard Court

Weather: Clear

Date: 8/31/21

Time From: 11:00

Time To: 11:20

Existing Speed Limit: 45 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	10%	13%
% In Pace:	78%	86%	82%
% Under Pace:	12%	4%	5%
Average Speed:	41 MPH	41 MPH	41 MPH
Pace Speed:	37 - 46 MPH	36 - 45 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	37 MPH	37 MPH	37 MPH
50th Percentile / Critical Speed:	40 MPH	40 MPH	40 MPH
85th Percentile / Critical Speed:	46 MPH	45 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.	PACE
				Northbound	Southbound		
75	0	0	75			0	
74	0	0	74			0	
73	0	0	73			0	
72	0	0	72			0	
71	0	0	71			0	
70	0	0	70			0	
69	0	0	69			0	
68	0	0	68			0	
67	0	0	67			0	
66	0	0	66			0	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	1	60		X	1	
59	0	0	59			0	
58	1	0	58	X		1	
57	0	2	57		X X	2	
56	2	2	56	X X	X X	4	
55	3	3	55	X X X	X X X	6	*
54	2	4	54	X X	X X X X	6	*
53	4	6	53	X X X X	X X X X X X	10	*
52	2	6	52	X X	X X X X X X	8	P
51	5	9	51	X X X X X	X X X X X X X X X	14	A
50	6	7	50	X X X X X X	X X X X X X X	13	C
49	6	2	49	X X X X X X	X X	8	E
48	6	4	48	X X X X X X	X X X X	10	*
47	5	0	47	X X X X X		5	*
46	4	3	46	X X X X	X X X	7	*
45	3	1	45	X X X	X	4	
44	0	0	44			0	
43	1	0	43	X		1	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	0	0	36			0	
35	0	0	35			0	
34	0	0	34			0	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
Total	50	50			GRAND TOTALS	100	

Location: Orange Street

Between: Hubbard Court - City Limits

Weather: Clear

Date: 8/31/21

Time From: 11:25

Time To: 11:45

Existing Speed Limit: 50 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	2%	8%
% In Pace:	86%	90%	87%
% Under Pace:	8%	8%	5%
Average Speed:	50 MPH	52 MPH	51 MPH
Pace Speed:	46 - 55 MPH	48 - 57 MPH	46 - 55 MPH
15th Percentile / Critical Speed:	46 MPH	48 MPH	47 MPH
50th Percentile / Critical Speed:	49 MPH	51 MPH	51 MPH
85th Percentile / Critical Speed:	54 MPH	55 MPH	54 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	2	46		X X	2	
45	1	0	45	X		1	
44	0	1	44		X	1	
43	0	0	43			0	
42	1	1	42	X	X	2	
41	1	2	41	X	X X	3	
40	3	3	40	X X X	X X X	6	
39	3	3	39	X X X	X X X	6	*
38	1	3	38	X	X X X	4	*
37	3	4	37	X X X	X X X X	7	*
36	3	8	36	X X X	X X X X X X X X	11	*
35	1	2	35	X	X X	3	*
34	5	6	34	X X X X X	X X X X X X	11	*
33	4	2	33	X X X X	X X	6	*
32	6	4	32	X X X X X X	X X X X	10	*
31	6	2	31	X X X X X X	X X	8	*
30	7	3	30	X X X X X X	X X X	10	*
29	2	1	29	X X	X	3	
28	2	2	28	X X	X X	4	
27	0	0	27			0	
26	0	0	26			0	
25	1	1	25	X	X	2	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Orange Tree Lane

Between: California Street - Nevada Street

Weather: Clear

Date: 9/9/21

Time From: 2:40

Time To: 3:00

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	8%	15%
% In Pace:	78%	74%	76%
% Under Pace:	10%	18%	9%
Average Speed:	34 MPH	36 MPH	35 MPH
Pace Speed:	30 - 39 MPH	32 - 41 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	30 MPH	31 MPH	30 MPH
50th Percentile / Critical Speed:	33 MPH	36 MPH	34 MPH
85th Percentile / Critical Speed:	39 MPH	40 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	1	50		X	1	
49	0	1	49		X	1	
48	5	4	48	X X X X X	X X X X	9	
47	0	0	47			0	
46	1	1	46	X	X	2	
45	1	1	45	X	X	2	
44	1	2	44	X	X X	3	
43	5	3	43	X X X X X	X X X	8	*
42	4	2	42	X X X X	X X	6	*
41	4	3	41	X X X X	X X X	7	*
40	3	4	40	X X X	X X X X	7	P
39	3	2	39	X X X	X X	5	A
38	2	3	38	X X	X X X	5	C
37	4	5	37	X X X X	X X X X X	9	E
36	4	4	36	X X X X	X X X X	8	*
35	3	1	35	X X X	X	4	*
34	4	2	34	X X X X	X X	6	*
33	1	2	33	X	X X	3	
32	2	3	32	X X	X X X	5	
31	2	3	31	X X	X X X	5	
30	1	1	30	X	X	2	
29	0	1	29		X	1	
28	0	1	28		X	1	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Orange Tree Lane

Between: Nevada Street - Alabama Street

Weather: Clear

Date: 9/9/21

Time From: 1:50

Time To: 2:40

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	14%	18%
% In Pace:	72%	58%	65%
% Under Pace:	12%	28%	17%
Average Speed:	39 MPH	39 MPH	39 MPH
Pace Speed:	34 - 43 MPH	36 - 45 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	34 MPH	32 MPH	33 MPH
50th Percentile / Critical Speed:	39 MPH	38 MPH	39 MPH
85th Percentile / Critical Speed:	44 MPH	45 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	2	2	36	X X	X X	4	*
35	3	3	35	X X X	X X X	6	*
34	3	0	34	X X X		3	*
33	2	1	33	X X	X	3	
32	4	1	32	X X X X	X	5	
31	3	1	31	X X X	X	4	
30	0	3	30		X X X	3	
29	2	3	29	X X	X X X	5	*
28	6	3	28	X X X X X X	X X X	9	*
27	3	5	27	X X X	X X X X X	8	*
26	0	1	26		X	1	
25	1	2	25	X	X X	3	
24	2	3	24	X X	X X X	5	
23	1	1	23	X	X	2	
22	3	3	22	X X X	X X X	6	
21	1	1	21	X	X	2	
20	0	1	20		X	1	
19	0	1	19		X	1	
18	0	1	18		X	1	
17	0	1	17		X	1	
16	0	1	16		X	1	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	36	38			GRAND TOTALS	74	

Location: Pacific Street

Between: Crescent Avenue - Carob Street

Weather: Clear

Date: 9/1/21

Time From: 9:00

Time To: 12:15

Existing Speed Limit: 25 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	0%	18%	0%
% In Pace:	78%	66%	68%
% Under Pace:	22%	16%	32%
Average Speed:	29 MPH	27 MPH	28 MPH
Pace Speed:	27 - 36 MPH	22 - 31 MPH	27 - 36 MPH
15th Percentile / Critical Speed:	24 MPH	21 MPH	22 MPH
50th Percentile / Critical Speed:	29 MPH	27 MPH	28 MPH
85th Percentile / Critical Speed:	34 MPH	33 MPH	34 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.	PACE
				Northbound	Southbound		
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	0	0	36			0	
35	3	0	35	X X X		3	
34	1	2	34	X	X X	3	
33	1	0	33	X		1	
32	0	0	32			0	
31	0	2	31		X X	2	
30	2	1	30	X X	X	3	
29	4	0	29	X X X X		4	*
28	2	2	28	X X	X X	4	*
27	1	4	27	X	X X X X	5	*
26	1	4	26	X	X X X X	5	P
25	3	3	25	X X X	X X X	6	A
24	5	4	24	X X X X X	X X X X	9	C
23	4	4	23	X X X X	X X X X	8	E
22	3	0	22	X X X		3	*
21	1	3	21	X	X X X	4	*
20	2	2	20	X X	X X	4	*
19	2	2	19	X X	X X	4	
18	3	0	18	X X X		3	
17	2	1	17	X X	X	3	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	40	34			GRAND TOTALS	74	

Location: Pacific Street

Between: Carob Street - Ridge Street

Weather: Clear

Date: 9/1/21

Time From: 12:15

Time To: 3:30

Existing Speed Limit: 20 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	13%	15%	16%
% In Pace:	65%	82%	70%
% Under Pace:	23%	3%	14%
Average Speed:	25 MPH	25 MPH	25 MPH
Pace Speed:	21 - 30 MPH	19 - 28 MPH	20 - 29 MPH
15th Percentile / Critical Speed:	19 MPH	21 MPH	20 MPH
50th Percentile / Critical Speed:	24 MPH	25 MPH	24 MPH
85th Percentile / Critical Speed:	30 MPH	28 MPH	30 MPH

Radar Survey Conducted By:

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T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	1	0	44	X	1	
43	0	0	43		0	
42	3	0	42	X X X	3	
41	1	2	41	X / X X	3	
40	1	0	40	X	1	
39	1	0	39	X	1	
38	0	2	38	X X	2	
37	5	1	37	X X X X X / X	6	*
36	6	6	36	X X X X X X / X X X X X X	12	*
35	1	2	35	X / X X	3	*
34	3	7	34	X X X / X X X X X X X	10	P
33	5	5	33	X X X X X / X X X X X	10	A
32	4	5	32	X X X X / X X X X X	9	C
31	1	3	31	X / X X X	4	E
30	2	4	30	X X / X X X X	6	*
29	2	3	29	X X / X X X	5	*
28	5	3	28	X X X X X / X X X	8	*
27	3	2	27	X X X / X X	5	
26	0	1	26	/ X	1	
25	3	2	25	X X X / X X	5	
24	1	2	24	X / X X	3	
23	1	0	23	X	1	
22	1	0	22	X	1	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Palm Avenue

Between: Serpentine Drive - San Mateo Street

Weather: Clear

Date: 9/9/21

Time From: 12:20

Time To: 1:45

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	10%	11%
% In Pace:	68%	80%	73%
% Under Pace:	18%	10%	16%
Average Speed:	33 MPH	32 MPH	32 MPH
Pace Speed:	28 - 37 MPH	27 - 36 MPH	28 - 37 MPH
15th Percentile / Critical Speed:	27 MPH	28 MPH	27 MPH
50th Percentile / Critical Speed:	33 MPH	32 MPH	33 MPH
85th Percentile / Critical Speed:	37 MPH	36 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

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Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	2	48		X X	2	
47	0	1	47		X	1	
46	0	1	46		X	1	
45	2	2	45	X X	X X	4	
44	2	1	44	X X	X	3	
43	4	2	43	X X X X	X X	6	*
42	3	5	42	X X X	X X X X X	8	*
41	2	4	41	X X	X X X X	6	*
40	3	8	40	X X X	X X X X X X X X	11	*
39	5	3	39	X X X X X	X X X	8	*
38	5	5	38	X X X X X	X X X X X	10	*
37	2	2	37	X X	X X	4	*
36	4	2	36	X X X X	X X	6	*
35	6	3	35	X X X X X X	X X X	9	*
34	3	4	34	X X X	X X X X	7	*
33	4	1	33	X X X X	X	5	
32	3	2	32	X X X	X X	5	
31	1	0	31	X		1	
30	0	2	30		X X	2	
29	1	0	29	X		1	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Palm Avenue

Between: San Mateo Street - Ford Street

Weather: Clear

Date: 9/9/21

Time From: 11:50

Time To: 12:20

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	8%	14%	11%
% In Pace:	74%	76%	75%
% Under Pace:	18%	10%	14%
Average Speed:	38 MPH	39 MPH	38 MPH
Pace Speed:	34 - 43 MPH	34 - 43 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	33 MPH	34 MPH	34 MPH
50th Percentile / Critical Speed:	38 MPH	40 MPH	38 MPH
85th Percentile / Critical Speed:	43 MPH	43 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	1	50		X	1	
49	2	3	49	X X	X X X	5	
48	1	2	48	X	X X	3	
47	0	2	47		X X	2	
46	1	0	46	X		1	
45	3	3	45	X X X	X X X	6	
44	0	1	44		X	1	
43	2	3	43	X X	X X X	5	*
42	5	3	42	X X X X X	X X X	8	*
41	4	6	41	X X X X	X X X X X X	10	*
40	4	1	40	X X X X	X	5	P
39	4	2	39	X X X X	X X	6	A
38	2	3	38	X X	X X X	5	C
37	4	2	37	X X X X	X X	6	E
36	3	2	36	X X X	X X	5	*
35	3	4	35	X X X	X X X X	7	*
34	3	1	34	X X X	X	4	*
33	0	1	33		X	1	
32	3	2	32	X X X	X X	5	
31	2	2	31	X X	X X	4	
30	2	0	30	X X		2	
29	2	2	29	X X	X X	4	
28	0	1	28		X	1	
27	0	2	27		X X	2	
26	0	1	26		X	1	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Palmetto Avenue

Between: Nevada Street - California Street

Weather: Clear

Date: 9/9/21

Time From: 3:05

Time To: 3:45

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	22%	19%
% In Pace:	68%	54%	61%
% Under Pace:	18%	24%	20%
Average Speed:	38 MPH	39 MPH	39 MPH
Pace Speed:	34 - 43 MPH	35 - 44 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	32 MPH	31 MPH	32 MPH
50th Percentile / Critical Speed:	39 MPH	40 MPH	39 MPH
85th Percentile / Critical Speed:	43 MPH	47 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	1	1	52	X	X	2
51	2	0	51	X X		2
50	0	2	50		X X	2
49	0	1	49		X	1
48	0	1	48		X	1
47	2	1	47	X X	X	3
46	0	1	46		X	1
45	1	1	45	X	X	2
44	1	2	44	X	X X	3
43	3	3	43	X X X	X X X	6
42	4	4	42	X X X X	X X X X	8
41	1	5	41	X	X X X X X	6
40	1	2	40	X	X X	3
39	4	1	39	X X X X	X	5
38	2	1	38	X X	X	3
37	4	5	37	X X X X	X X X X X	9
36	1	2	36	X	X X	3
35	4	3	35	X X X X	X X X	7
34	1	2	34	X	X X	3
33	2	0	33	X X		2
32	3	4	32	X X X	X X X X	7
31	2	4	31	X X	X X X X	6
30	5	1	30	X X X X X	X	6
29	2	1	29	X X	X	3
28	1	2	28	X	X X	3
27	2	0	27	X X		2
26	0	0	26			0
25	1	0	25	X		1
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

PACE * * * * * * *

Location: Palmetto Avenue

Between: California Street - Marigold Avenue

Weather: Clear

Date: 9/8/21

Time From: 10:10

Time To: 11:25

Existing Speed Limit: N / P MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	32%	16%	14%
% In Pace:	56%	56%	53%
% Under Pace:	12%	28%	33%
Average Speed:	37 MPH	39 MPH	38 MPH
Pace Speed:	30 - 39 MPH	35 - 44 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	30 MPH	31 MPH	30 MPH
50th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH
85th Percentile / Critical Speed:	43 MPH	45 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	1	46		X	1	
45	3	0	45	X X X		3	
44	0	1	44		X	1	
43	2	1	43	X X	X	3	
42	1	2	42	X	X X	3	
41	0	2	41		X X	2	
40	5	2	40	X X X X X	X X	7	*
39	2	3	39	X X	X X X	5	*
38	2	2	38	X X	X X	4	*
37	1	3	37	X	X X X	4	*
36	2	3	36	X X	X X X	5	
35	2	9	35	X X	X X X X X X X X X	11	
34	6	1	34	X X X X X X	X	7	
33	5	2	33	X X X X X	X X	7	*
32	1	2	32	X	X X	3	*
31	2	4	31	X X	X X X X	6	*
30	2	4	30	X X	X X X X	6	
29	3	1	29	X X X	X	4	
28	2	0	28	X X		2	
27	3	0	27	X X X		3	
26	0	1	26		X	1	
25	0	1	25		X	1	
24	2	2	24	X X	X X	4	
23	2	1	23	X X	X	3	
22	1	0	22	X		1	
21	1	1	21	X	X	2	
20	0	1	20		X	1	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Palo Alto Drive

Between: Country Club Drive - Mirasol Drive

Weather: Clear

Date: 9/9/21

Time From: 9:00

Time To: 11:00

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	18%	13%
% In Pace:	56%	66%	59%
% Under Pace:	32%	16%	28%
Average Speed:	34 MPH	34 MPH	34 MPH
Pace Speed:	31 - 40 MPH	30 - 39 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	27 MPH	29 MPH	27 MPH
50th Percentile / Critical Speed:	34 MPH	35 MPH	34 MPH
85th Percentile / Critical Speed:	40 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	3	1	39	X X X	X	4	
38	2	3	38	X X	X X X	5	
37	4	1	37	X X X X	X	5	
36	2	3	36	X X	X X X	5	
35	1	2	35	X	X X	3	*
34	1	5	34	X	X X X X X	6	*
33	9	3	33	X X X X X X X X X	X X X	12	*
32	5	6	32	X X X X X	X X X X X X	11	P
31	3	5	31	X X X	X X X X X	8	A
30	6	5	30	X X X X X X	X X X X X	11	C
29	5	1	29	X X X X X	X	6	E
28	2	3	28	X X	X X X	5	*
27	1	5	27	X	X X X X X	6	*
26	3	3	26	X X X	X X X	6	*
25	1	1	25	X	X	2	
24	2	1	24	X X	X	3	
23	0	1	23		X	1	
22	0	0	22			0	
21	0	1	21		X	1	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Palo Alto Drive

Between: Mirasol Drive - Sunset Drive

Weather: Clear

Date: 9/9/21

Time From: 11:00

Time To: 1:15

Existing Speed Limit: 25 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	6%	10%	19%
% In Pace:	76%	76%	74%
% Under Pace:	18%	14%	7%
Average Speed:	32 MPH	31 MPH	31 MPH
Pace Speed:	29 - 38 MPH	27 - 36 MPH	26 - 35 MPH
15th Percentile / Critical Speed:	28 MPH	27 MPH	27 MPH
50th Percentile / Critical Speed:	32 MPH	31 MPH	32 MPH
85th Percentile / Critical Speed:	37 MPH	36 MPH	36 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	2	48	X X	2	
47	0	2	47	X X	2	
46	0	1	46	X	1	
45	0	0	45		0	
44	0	3	44	X X X	3	
43	2	1	43	X X / X	3	
42	0	4	42	X X X X	4	
41	0	2	41	X X	2	
40	3	3	40	X X X / X X X	6	
39	0	2	39	X X	2	
38	5	2	38	X X X X X / X X	7	*
37	2	2	37	X X / X X	4	*
36	2	2	36	X X / X X	4	*
35	7	5	35	X X X X X X X / X X X X X	12	P
34	3	3	34	X X X / X X X	6	A
33	3	1	33	X X X / X	4	C
32	2	3	32	X X / X X X	5	E
31	6	3	31	X X X X X X / X X X	9	*
30	5	2	30	X X X X X / X X	7	*
29	3	2	29	X X X / X X	5	*
28	1	2	28	X / X X	3	
27	1	2	27	X / X X	3	
26	1	0	26	X	1	
25	2	0	25	X X	2	
24	2	1	24	X X / X	3	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Pennsylvania Avenue

Between: Texas Street - Orange Street

Weather: Clear

Date: 9/1/21

Time From: 10:50

Time To: 11:30

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	10%	25%
% In Pace:	76%	52%	63%
% Under Pace:	14%	38%	12%
Average Speed:	33 MPH	37 MPH	35 MPH
Pace Speed:	29 - 38 MPH	35 - 44 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	29 MPH	30 MPH	29 MPH
50th Percentile / Critical Speed:	33 MPH	36 MPH	35 MPH
85th Percentile / Critical Speed:	38 MPH	44 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	2	0	44	X X	2	
43	2	1	43	X X / X	3	
42	2	1	42	X X / X	3	
41	1	1	41	X / X	2	
40	2	1	40	X X / X	3	
39	3	2	39	X X X / X X	5	
38	5	3	38	X X X X X / X X X	8	*
37	1	3	37	X / X X X	4	*
36	4	2	36	X X X X / X X	6	*
35	3	2	35	X X X / X X	5	P
34	2	5	34	X X / X X X X X	7	A
33	3	4	33	X X X / X X X X	7	C
32	3	6	32	X X X / X X X X X X	9	E
31	5	6	31	X X X X X / X X X X X X	11	*
30	3	3	30	X X X / X X X	6	*
29	4	4	29	X X X X / X X X X	8	*
28	3	2	28	X X X / X X	5	
27	0	1	27	/ X	1	
26	0	2	26	/ X X	2	
25	2	1	25	X X / X	3	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Pennsylvania Avenue

Between: Orange Street - Church Street

Weather: Clear

Date: 9/1/21

Time From: 11:30

Time To: 12:30

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	24%	12%	18%
% In Pace:	66%	76%	71%
% Under Pace:	10%	12%	11%
Average Speed:	35 MPH	33 MPH	34 MPH
Pace Speed:	29 - 38 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	29 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	35 MPH	32 MPH	33 MPH
85th Percentile / Critical Speed:	40 MPH	38 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	4	0	43	X X X X		4	
42	3	0	42	X X X		3	
41	0	1	41		X	1	
40	3	4	40	X X X	X X X X	7	
39	3	2	39	X X X	X X	5	
38	1	3	38	X	X X X	4	
37	2	0	37	X X		2	
36	1	3	36	X	X X X	4	*
35	3	4	35	X X X	X X X X	7	*
34	4	5	34	X X X X	X X X X X	9	*
33	4	3	33	X X X X	X X X	7	
32	4	6	32	X X X X	X X X X X X	10	
31	6	3	31	X X X X X X	X X X	9	
30	5	2	30	X X X X X	X X	7	
29	1	4	29	X	X X X X	5	*
28	1	3	28	X	X X X	4	*
27	3	4	27	X X X	X X X X	7	*
26	0	1	26		X	1	
25	2	2	25	X X	X X	4	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Pennsylvania Avenue

Between: Church Street - University Street

Weather: Clear

Date: 9/1/21

Time From: 12:30

Time To: 1:35

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	20%	20%	26%
% In Pace:	66%	74%	69%
% Under Pace:	14%	6%	5%
Average Speed:	34 MPH	33 MPH	33 MPH
Pace Speed:	30 - 39 MPH	27 - 36 MPH	27 - 36 MPH
15th Percentile / Critical Speed:	30 MPH	28 MPH	28 MPH
50th Percentile / Critical Speed:	33 MPH	32 MPH	33 MPH
85th Percentile / Critical Speed:	40 MPH	38 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	1	50		X	1	
49	0	2	49		X X	2	
48	0	0	48			0	
47	0	0	47			0	
46	0	1	46		X	1	
45	0	0	45			0	
44	2	1	44	X X	X	3	
43	1	2	43	X	X X	3	
42	4	2	42	X X X X	X X	6	
41	2	4	41	X X	X X X X	6	
40	4	1	40	X X X X	X	5	*
39	1	3	39	X	X X X	4	*
38	4	1	38	X X X X	X	5	*
37	3	2	37	X X X	X X	5	P
36	4	8	36	X X X X	X X X X X X X X	12	A
35	3	6	35	X X X	X X X X X X	9	C
34	3	2	34	X X X	X X	5	E
33	4	5	33	X X X X	X X X X X	9	*
32	4	0	32	X X X X		4	*
31	4	5	31	X X X X	X X X X X	9	*
30	4	1	30	X X X X	X	5	
29	1	1	29	X	X	2	
28	1	1	28	X	X	2	
27	0	1	27		X	1	
26	0	0	26			0	
25	1	0	25	X		1	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Pennsylvania Avenue

Between: University Street - Judson Street

Weather: Clear

Date: 9/1/21

Time From: 2:20

Time To: 3:10

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	14%	22%
% In Pace:	68%	68%	67%
% Under Pace:	14%	18%	11%
Average Speed:	36 MPH	37 MPH	36 MPH
Pace Speed:	31 - 40 MPH	33 - 42 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	31 MPH	31 MPH	31 MPH
50th Percentile / Critical Speed:	35 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	41 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	1	46		X	1	
45	0	3	45		X X X	3	
44	4	0	44	X X X X		4	
43	2	3	43	X X	X X X	5	
42	3	4	42	X X X	X X X X	7	
41	3	2	41	X X X	X X	5	*
40	2	5	40	X X	X X X X X	7	*
39	3	2	39	X X X	X X	5	*
38	3	5	38	X X X	X X X X X	8	*
37	5	2	37	X X X X X	X X	7	*
36	4	8	36	X X X X	X X X X X X X X	12	*
35	3	3	35	X X X	X X X	6	*
34	4	5	34	X X X X	X X X X X	9	*
33	1	4	33	X	X X X X	5	*
32	7	1	32	X X X X X X X	X	8	*
31	2	1	31	X X	X	3	
30	3	1	30	X X X	X	4	
29	0	0	29			0	
28	1	0	28	X		1	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Pioneer Avenue

Between: Texas Street - Orange Street

Weather: Clear

Date: 8/31/21

Time From: 12:30

Time To: 1:10

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	14%	20%
% In Pace:	70%	80%	72%
% Under Pace:	12%	6%	8%
Average Speed:	37 MPH	38 MPH	37 MPH
Pace Speed:	32 - 41 MPH	33 - 42 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	32 MPH	34 MPH	32 MPH
50th Percentile / Critical Speed:	36 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	1	50		X	1	
49	0	0	49			0	
48	0	1	48		X	1	
47	0	2	47		X X	2	
46	0	1	46		X	1	
45	2	1	45	X X	X	3	
44	1	3	44	X	X X X	4	
43	2	0	43	X X		2	
42	2	4	42	X X	X X X	6	
41	5	4	41	X X X X X	X X X X	9	*
40	7	3	40	X X X X X X X	X X X	10	*
39	5	4	39	X X X X X	X X X X	9	*
38	5	1	38	X X X X X	X	6	
37	4	4	37	X X X X	X X X X	8	
36	2	2	36	X X	X X	4	
35	2	1	35	X X	X	3	
34	3	2	34	X X X	X X	5	*
33	3	1	33	X X X	X	4	*
32	3	4	32	X X X	X X X X	7	*
31	2	2	31	X X	X X	4	
30	0	1	30		X	1	
29	2	4	29	X X	X X X X	6	
28	0	1	28		X	1	
27	0	1	27		X	1	
26	0	0	26			0	
25	0	2	25		X X	2	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Pioneer Avenue

Between: Orange Street - Occidental Drive

Weather: Clear

Date: 8/31/21

Time From: 1:10

Time To: 1:40

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	10%	20%
% In Pace:	78%	52%	65%
% Under Pace:	8%	38%	15%
Average Speed:	38 MPH	37 MPH	37 MPH
Pace Speed:	32 - 41 MPH	36 - 45 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	33 MPH	29 MPH	31 MPH
50th Percentile / Critical Speed:	38 MPH	37 MPH	38 MPH
85th Percentile / Critical Speed:	41 MPH	44 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	1	0	55	X		1	
54	1	2	54	X	X X	3	
53	1	0	53	X		1	
52	0	1	52		X	1	
51	0	2	51		X X	2	
50	1	2	50	X	X X	3	
49	2	0	49	X X		2	
48	4	1	48	X X X X	X	5	
47	3	0	47	X X X		3	
46	3	3	46	X X X	X X X	6	*
45	4	3	45	X X X X	X X X	7	*
44	3	1	44	X X X	X	4	*
43	1	6	43	X	X X X X X X	7	P
42	3	4	42	X X X	X X X X	7	A
41	2	3	41	X X	X X X	5	C
40	2	3	40	X X	X X X	5	E
39	4	2	39	X X X X	X X	6	*
38	2	2	38	X X	X X	4	*
37	4	3	37	X X X X	X X X	7	*
36	5	1	36	X X X X X	X	6	
35	1	2	35	X	X X	3	
34	1	4	34	X	X X X X	5	
33	1	1	33	X	X	2	
32	0	1	32		X	1	
31	0	2	31		X X	2	
30	1	1	30	X	X	2	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Pioneer Avenue

Between: Occidental Drive - Dearborn Street

Weather: Clear

Date: 8/31/21

Time From: 1:40

Time To: 2:20

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	32%	16%	21%
% In Pace:	60%	60%	58%
% Under Pace:	8%	24%	21%
Average Speed:	42 MPH	41 MPH	42 MPH
Pace Speed:	36 - 45 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	36 MPH	34 MPH	35 MPH
50th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH
85th Percentile / Critical Speed:	48 MPH	48 MPH	48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	0	0	56		0	
55	0	0	55		0	
54	0	0	54		0	
53	0	1	53	X	1	
52	0	1	52	X	1	
51	1	1	51	X / X	2	
50	1	1	50	X / X	2	
49	1	3	49	X / X X X	4	
48	1	2	48	X / X X	3	
47	2	2	47	X X / X X	4	
46	2	1	46	X X / X	3	
45	4	3	45	X X X X / X X X	7	*
44	3	7	44	X X X / X X X X X X X	10	*
43	4	4	43	X X X X / X X X X	8	*
42	3	2	42	X X X / X X	5	*
41	3	1	41	X X X / X	4	*
40	6	1	40	X X X X X X / X	7	*
39	3	5	39	X X X / X X X X X	8	*
38	4	1	38	X X X X / X	5	*
37	2	1	37	X X / X	3	*
36	3	3	36	X X X / X X X	6	*
35	4	1	35	X X X X / X	5	
34	1	2	34	X / X X	3	
33	0	3	33	/ X X X	3	
32	1	2	32	X / X X	3	
31	1	1	31	X / X	2	
30	0	0	30		0	
29	0	1	29	/ X	1	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Pioneer Avenue

Between: Texas Street - Interstate 210 Freeway

Weather: Clear

Date: 8/31/21

Time From: 11:50

Time To: 12:30

Existing Speed Limit: N / P MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	14%	20%
% In Pace:	70%	56%	63%
% Under Pace:	14%	30%	17%
Average Speed:	41 MPH	41 MPH	41 MPH
Pace Speed:	36 - 45 MPH	39 - 48 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	36 MPH	34 MPH	35 MPH
50th Percentile / Critical Speed:	40 MPH	43 MPH	41 MPH
85th Percentile / Critical Speed:	46 MPH	48 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	1	0	53	X		1	
52	0	0	52			0	
51	0	1	51		X	1	
50	1	0	50	X		1	
49	1	0	49	X		1	
48	1	2	48	X	X X	3	
47	1	3	47	X	X X X	4	*
46	3	2	46	X X X	X X	5	*
45	2	0	45	X X		2	*
44	4	5	44	X X X X	X X X X X	9	
43	4	4	43	X X X X	X X X X	8	
42	3	5	42	X X X	X X X X X	8	
41	4	9	41	X X X X	X X X X X X X X X	13	
40	4	3	40	X X X X	X X X	7	*
39	3	2	39	X X X	X X	5	*
38	6	4	38	X X X X X X	X X X X	10	*
37	1	3	37	X	X X X	4	
36	2	2	36	X X	X X	4	
35	1	0	35	X		1	
34	2	2	34	X X	X X	4	
33	3	0	33	X X X		3	
32	1	3	32	X	X X X	4	
31	2	0	31	X X		2	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Redlands Boulevard

Between: California Street - Texas Street

Weather: Clear

Date: 8/23/21

Time From: 2:40

Time To: 3:00

Existing Speed Limit: 40 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	8%	6%	7%
% In Pace:	68%	74%	71%
% Under Pace:	24%	20%	22%
Average Speed:	40 MPH	41 MPH	41 MPH
Pace Speed:	38 - 47 MPH	38 - 47 MPH	38 - 47 MPH
15th Percentile / Critical Speed:	34 MPH	37 MPH	36 MPH
50th Percentile / Critical Speed:	40 MPH	41 MPH	41 MPH
85th Percentile / Critical Speed:	46 MPH	46 MPH	46 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	1	45		X	1	
44	1	2	44	X	X X	3	
43	3	1	43	X X X	X	4	
42	0	3	42		X X X	3	*
41	1	7	41	X	X X X X X X X	8	*
40	1	2	40	X	X X	3	*
39	6	4	39	X X X X X X	X X X X	10	*
38	4	1	38	X X X X	X	5	*
37	3	3	37	X X X	X X X	6	*
36	5	7	36	X X X X X	X X X X X X X	12	*
35	8	6	35	X X X X X X X X	X X X X X X	14	*
34	3	1	34	X X X	X	4	*
33	6	3	33	X X X X X X	X X X	9	*
32	2	1	32	X X	X	3	
31	3	3	31	X X X	X X X	6	
30	3	2	30	X X X	X X	5	
29	0	2	29		X X	2	
28	1	1	28	X	X	2	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Redlands Boulevard

Between: Texas Street - Eureka Street

Weather: Clear

Date: 8/25/21

Time From: 2:20

Time To: 2:40

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	12%	8%	8%
% In Pace:	86%	74%	74%
% Under Pace:	2%	18%	18%
Average Speed:	36 MPH	37 MPH	36 MPH
Pace Speed:	30 - 39 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	32 MPH	31 MPH	31 MPH
50th Percentile / Critical Speed:	35 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	39 MPH	41 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	2	0	40	X X		2	
39	1	0	39	X		1	
38	1	0	38	X		1	
37	2	1	37	X X	X	3	
36	0	0	36			0	
35	1	0	35	X		1	
34	0	2	34		X X	2	
33	2	2	33	X X	X X	4	*
32	1	5	32	X	X X X X X	6	*
31	3	4	31	X X X	X X X X	7	*
30	5	2	30	X X X X X	X X	7	*
29	7	13	29	X X X X X X X	X X X X X X X X X X X X X	20	
28	6	8	28	X X X X X X	X X X X X X X X X	14	
27	7	4	27	X X X X X X X	X X X X	11	
26	6	1	26	X X X X X X	X	7	*
25	4	3	25	X X X X	X X X	7	*
24	2	1	24	X X	X	3	*
23	0	4	23		X X X X	4	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Redlands Boulevard

Between: Eureka Street - Citrus Avenue

Weather: Clear

Date: 8/25/21

Time From: 2:00

Time To: 2:20

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	10%	10%
% In Pace:	86%	90%	86%
% Under Pace:	0%	0%	4%
Average Speed:	29 MPH	29 MPH	29 MPH
Pace Speed:	24 - 33 MPH	23 - 32 MPH	24 - 33 MPH
15th Percentile / Critical Speed:	26 MPH	25 MPH	26 MPH
50th Percentile / Critical Speed:	28 MPH	29 MPH	29 MPH
85th Percentile / Critical Speed:	33 MPH	32 MPH	32 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	2	48		X X	2	
47	1	0	47	X		1	
46	0	2	46		X X	2	
45	1	3	45	X	X X X	4	
44	3	1	44	X X X	X	4	
43	0	2	43		X X	2	
42	3	2	42	X X X	X X	5	*
41	0	4	41		X X X X	4	*
40	2	4	40	X X	X X X X	6	*
39	2	2	39	X X	X X	4	P
38	8	3	38	X X X X X X X X	X X X	11	A
37	4	6	37	X X X X	X X X X X X	10	C
36	8	4	36	X X X X X X X X	X X X X	12	E
35	3	2	35	X X X	X X	5	*
34	3	3	34	X X X	X X X	6	*
33	4	6	33	X X X X	X X X X X X	10	*
32	3	1	32	X X X	X	4	
31	1	2	31	X	X X	3	
30	2	1	30	X X	X	3	
29	1	0	29	X		1	
28	0	0	28			0	
27	0	0	27			0	
26	1	0	26	X		1	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Redlands Boulevard

Between: Citrus Avenue - Highland Avenue

Weather: Clear

Date: 8/25/21

Time From: 1:40

Time To: 2:00

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	20%	15%
% In Pace:	76%	72%	73%
% Under Pace:	8%	8%	12%
Average Speed:	37 MPH	38 MPH	37 MPH
Pace Speed:	31 - 40 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	32 MPH	33 MPH	33 MPH
50th Percentile / Critical Speed:	36 MPH	37 MPH	37 MPH
85th Percentile / Critical Speed:	42 MPH	44 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
75	0	0	75			0	
74	0	0	74			0	
73	0	0	73			0	
72	0	0	72			0	
71	0	0	71			0	
70	0	0	70			0	
69	0	0	69			0	
68	0	0	68			0	
67	0	0	67			0	
66	0	0	66			0	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	1	0	62	X		1	
61	0	0	61			0	
60	0	2	60		X X	2	
59	1	1	59	X	X	2	
58	1	1	58	X	X	2	
57	2	1	57	X X	X	3	
56	2	1	56	X X	X	3	
55	3	2	55	X X X	X X	5	
54	3	4	54	X X X	X X X X	7	*
53	2	5	53	X X	X X X X X	7	*
52	1	4	52	X	X X X X	5	*
51	2	7	51	X X	X X X X X X X	9	*
50	4	2	50	X X X X	X X	6	*
49	7	4	49	X X X X X X X	X X X X	11	*
48	4	3	48	X X X X	X X X	7	*
47	4	2	47	X X X X	X X	6	*
46	0	3	46		X X X	3	*
45	5	3	45	X X X X X	X X X	8	*
44	2	2	44	X X	X X	4	
43	3	0	43	X X X		3	
42	1	2	42	X	X X	3	
41	0	1	41		X	1	
40	0	0	40			0	
39	0	0	39			0	
38	1	0	38	X		1	
37	1	0	37	X		1	
36	0	0	36			0	
35	0	0	35			0	
34	0	0	34			0	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
Total	50	50			GRAND TOTALS	100	

Location: Redlands Boulevard

Between: Highland Avenue - Ford Street

Weather: Clear

Date: 8/25/21

Time From: 1:20

Time To: 1:40

Existing Speed Limit: 50 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	16%	18%
% In Pace:	64%	74%	69%
% Under Pace:	26%	10%	13%
Average Speed:	49 MPH	51 MPH	50 MPH
Pace Speed:	47 - 56 MPH	45 - 54 MPH	45 - 54 MPH
15th Percentile / Critical Speed:	44 MPH	45 MPH	45 MPH
50th Percentile / Critical Speed:	49 MPH	51 MPH	50 MPH
85th Percentile / Critical Speed:	55 MPH	55 MPH	55 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	2	0	59	X X		2	
58	1	0	58	X		1	
57	2	0	57	X X		2	
56	0	0	56			0	
55	3	0	55	X X X		3	
54	4	0	54	X X X X		4	
53	2	2	53	X X	X X	4	
52	5	2	52	X X X X X	X X	7	*
51	6	2	51	X X X X X X	X X	8	*
50	4	4	50	X X X X	X X X X	8	*
49	3	1	49	X X X	X	4	
48	3	3	48	X X X	X X X	6	
47	3	5	47	X X X	X X X X X	8	
46	2	8	46	X X	X X X X X X X X	10	
45	1	4	45	X	X X X X	5	*
44	1	3	44	X	X X X	4	*
43	3	2	43	X X X	X X	5	*
42	1	2	42	X	X X	3	
41	2	3	41	X X	X X X	5	
40	1	1	40	X	X	2	
39	1	4	39	X	X X X X	5	
38	0	1	38		X	1	
37	0	1	37		X	1	
36	0	2	36		X X	2	
35	0	0	35			0	
34	0	0	34			0	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Reservoir Road

Between: Ford Street - Wabash Avenue

Weather: Clear

Date: 8/26/21

Time From: 1:10

Time To: 1:40

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	12%	16%
% In Pace:	70%	70%	65%
% Under Pace:	20%	18%	19%
Average Speed:	50 MPH	45 MPH	47 MPH
Pace Speed:	46 - 55 MPH	41 - 50 MPH	43 - 52 MPH
15th Percentile / Critical Speed:	43 MPH	39 MPH	41 MPH
50th Percentile / Critical Speed:	50 MPH	46 MPH	47 MPH
85th Percentile / Critical Speed:	55 MPH	50 MPH	53 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	1	49		X	1	
48	0	0	48			0	
47	0	0	47			0	
46	1	3	46	X	X X X	4	
45	1	0	45	X		1	
44	2	1	44	X X	X	3	
43	2	1	43	X X	X	3	
42	2	2	42	X X	X X	4	
41	3	2	41	X X X	X X	5	
40	2	2	40	X X	X X	4	
39	3	0	39	X X X		3	
38	5	3	38	X X X X X	X X X	8	*
37	4	1	37	X X X X	X	5	*
36	5	5	36	X X X X X	X X X X X	10	*
35	2	3	35	X X	X X X	5	P
34	2	2	34	X X	X X	4	A
33	2	6	33	X X	X X X X X X	8	C
32	1	3	32	X	X X X	4	E
31	1	2	31	X	X X	3	*
30	4	4	30	X X X X	X X X X	8	*
29	3	4	29	X X X	X X X X	7	*
28	0	0	28			0	
27	1	2	27	X	X X	3	
26	2	2	26	X X	X X	4	
25	0	0	25			0	
24	1	0	24	X		1	
23	1	0	23	X		1	
22	0	1	22		X	1	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Rossmont Drive

Between: Garden Street - Sunset Drive

Weather: Clear

Date: 9/9/21

Time From: 11:20

Time To: 1:10

Existing Speed Limit: 25 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	4%	24%	28%
% In Pace:	60%	66%	62%
% Under Pace:	36%	10%	10%
Average Speed:	36 MPH	35 MPH	35 MPH
Pace Speed:	35 - 44 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	29 MPH	29 MPH	29 MPH
50th Percentile / Critical Speed:	36 MPH	34 MPH	36 MPH
85th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	2	56		X X	2	
55	0	0	55			0	
54	0	1	54		X	1	
53	0	0	53			0	
52	1	1	52	X	X	2	
51	3	1	51	X X X	X	4	
50	0	1	50		X	1	
49	0	3	49		X X X	3	
48	1	2	48	X	X X	3	
47	2	4	47	X X	X X X X	6	*
46	6	4	46	X X X X X X	X X X X	10	*
45	3	5	45	X X X	X X X X X	8	*
44	6	2	44	X X X X X X	X X	8	
43	4	6	43	X X X X	X X X X X X	10	
42	2	3	42	X X	X X X	5	
41	2	5	41	X X	X X X X X	7	
40	1	5	40	X	X X X X X	6	*
39	6	3	39	X X X X X X	X X X	9	*
38	4	1	38	X X X X	X	5	*
37	5	0	37	X X X X X		5	
36	2	0	36	X X		2	
35	1	0	35	X		1	
34	1	1	34	X	X	2	
33	0	0	33			0	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: San Bernardino Avenue

Between: Tennessee Street - Orange Street

Weather: Clear

Date: 8/25/21

Time From: 9:25

Time To: 9:45

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	12%	16%
% In Pace:	78%	78%	74%
% Under Pace:	8%	10%	10%
Average Speed:	42 MPH	45 MPH	43 MPH
Pace Speed:	37 - 46 MPH	40 - 49 MPH	38 - 47 MPH
15th Percentile / Critical Speed:	37 MPH	40 MPH	38 MPH
50th Percentile / Critical Speed:	43 MPH	44 MPH	43 MPH
85th Percentile / Critical Speed:	46 MPH	49 MPH	48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	1	0	51	X		1	
50	1	0	50	X		1	
49	4	0	49	X X X X		4	
48	0	2	48		X X	2	
47	1	1	47	X	X	2	
46	2	1	46	X X	X	3	
45	1	1	45	X	X	2	
44	1	1	44	X	X	2	
43	7	4	43	X X X X X X X	X X X X	11	*
42	5	5	42	X X X X X	X X X X X	10	*
41	5	5	41	X X X X X	X X X X X	10	*
40	2	3	40	X X	X X X	5	P
39	4	4	39	X X X X	X X X X	8	A
38	4	2	38	X X X X	X X	6	C
37	3	5	37	X X X	X X X X X	8	E
36	3	3	36	X X X	X X X	6	*
35	1	4	35	X	X X X X	5	*
34	1	3	34	X	X X X	4	*
33	3	3	33	X X X	X X X	6	
32	0	1	32		X	1	
31	1	0	31	X		1	
30	0	1	30		X	1	
29	0	1	29		X	1	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: San Bernardino Avenue

Between: Orange Street - University Street

Weather: Clear

Date: 8/25/21

Time From: 9:45

Time To: 10:05

Existing Speed Limit: 35 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	18%	12%	17%
% In Pace:	70%	76%	73%
% Under Pace:	12%	12%	10%
Average Speed:	41 MPH	39 MPH	40 MPH
Pace Speed:	36 - 45 MPH	34 - 43 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	36 MPH	34 MPH	35 MPH
50th Percentile / Critical Speed:	41 MPH	39 MPH	40 MPH
85th Percentile / Critical Speed:	46 MPH	43 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	1	0	54	X		1	
53	1	0	53	X		1	
52	0	0	52			0	
51	2	2	51	X X	X X	4	
50	2	1	50	X X	X	3	
49	1	1	49	X	X	2	
48	1	1	48	X	X	2	
47	1	0	47	X		1	
46	7	2	46	X X X X X X X	X X	9	*
45	2	6	45	X X	X X X X X X	8	*
44	4	5	44	X X X X	X X X X X	9	*
43	4	4	43	X X X X	X X X X	8	*
42	4	3	42	X X X X	X X X	7	*
41	5	1	41	X X X X X	X	6	*
40	4	6	40	X X X X	X X X X X X	10	*
39	4	3	39	X X X X	X X X	7	*
38	2	3	38	X X	X X X	5	*
37	1	4	37	X	X X X X	5	*
36	0	2	36		X X	2	
35	1	3	35	X	X X X	4	
34	2	1	34	X X	X	3	
33	0	1	33		X	1	
32	1	0	32	X		1	
31	0	1	31		X	1	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: San Bernardino Avenue

Between: University Street - Wabash Avenue

Weather: Clear

Date: 8/25/21

Time From: 10:05

Time To: 10:35

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	16%	10%	14%
% In Pace:	74%	74%	74%
% Under Pace:	10%	16%	12%
Average Speed:	43 MPH	41 MPH	42 MPH
Pace Speed:	38 - 47 MPH	37 - 46 MPH	37 - 46 MPH
15th Percentile / Critical Speed:	39 MPH	36 MPH	37 MPH
50th Percentile / Critical Speed:	43 MPH	41 MPH	42 MPH
85th Percentile / Critical Speed:	48 MPH	45 MPH	46 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed — Eastbound	Vehicles Surveyed — Westbound	TOT. VEH.
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	3	58		X X X	3
57	1	1	57	X	X	2
56	0	0	56			0
55	0	3	55		X X X	3
54	3	2	54	X X X	X X	5
53	2	1	53	X X	X	3
52	4	1	52	X X X X	X	5
51	2	3	51	X X	X X X	5
50	1	2	50	X	X X	3
49	5	2	49	X X X X X	X X	7
48	4	8	48	X X X X	X X X X X X X X	12
47	5	5	47	X X X X X	X X X X X	10
46	4	3	46	X X X X	X X X	7
45	2	2	45	X X	X X	4
44	2	2	44	X X	X X	4
43	2	2	43	X X	X X	4
42	1	0	42	X		1
41	4	1	41	X X X X	X	5
40	2	1	40	X X	X	3
39	2	0	39	X X		2
38	0	2	38		X X	2
37	1	1	37	X	X	2
36	0	1	36		X	1
35	0	1	35		X	1
34	1	3	34	X	X X X	4
33	2	0	33	X X		2
32	0	0	32			0
31	0	0	31			0
30	0	0	30			0
29	0	0	29			0
28	0	0	28			0
27	0	0	27			0
26	0	0	26			0
25	0	0	25			0
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

PACE * * * * * * * *

Location: San Bernardino Avenue

Between: Mountain View Avenue - California Street

Weather: Clear

Date: 8/25/21

Time From: 9:00

Time To: 9:20

Existing Speed Limit: 45 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	2%	8%	8%
% In Pace:	64%	60%	61%
% Under Pace:	34%	32%	31%
Average Speed:	46 MPH	47 MPH	47 MPH
Pace Speed:	45 - 54 MPH	46 - 55 MPH	45 - 54 MPH
15th Percentile / Critical Speed:	40 MPH	38 MPH	40 MPH
50th Percentile / Critical Speed:	47 MPH	48 MPH	47 MPH
85th Percentile / Critical Speed:	52 MPH	54 MPH	53 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	1	0	47	X	1	
46	1	1	46	X X	2	
45	1	1	45	X X	2	
44	0	2	44	X X	2	
43	0	0	43		0	
42	1	2	42	X X X	3	
41	2	3	41	X X X X X	5	*
40	0	5	40	X X X X X	5	*
39	1	4	39	X X X X X	5	*
38	6	4	38	X X X X X X X X X X	10	*
37	1	4	37	X X X X X	5	*
36	6	5	36	X X X X X X X X X X X	11	*
35	6	3	35	X X X X X X X X X	9	*
34	12	7	34	X X X X X X X X X X X X X X X X X X X	19	*
33	6	2	33	X X X X X X X X	8	*
32	3	2	32	X X X X X	5	*
31	2	2	31	X X X X	4	
30	0	0	30		0	
29	0	2	29	X X	2	
28	0	1	28	X	1	
27	1	0	27	X	1	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: San Mateo Street

Between: Brookside Avenue - Fern Avenue

Weather: Clear

Date: 8/24/21

Time From: 11:15

Time To: 11:35

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	8%	10%
% In Pace:	86%	78%	82%
% Under Pace:	6%	14%	8%
Average Speed:	36 MPH	37 MPH	36 MPH
Pace Speed:	32 - 41 MPH	33 - 42 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	33 MPH	33 MPH	33 MPH
50th Percentile / Critical Speed:	35 MPH	37 MPH	36 MPH
85th Percentile / Critical Speed:	38 MPH	41 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	1	47	X	1	
46	0	0	46		0	
45	0	0	45		0	
44	0	2	44	X X	2	
43	1	1	43	X / X	2	
42	2	3	42	X X / X X X	5	*
41	0	1	41	X	1	*
40	3	0	40	X X X	3	*
39	7	6	39	X X X X X X X / X X X X X X	13	P
38	1	4	38	X / X X X X	5	A
37	5	4	37	X X X X X / X X X X	9	C
36	10	4	36	X X X X X X X X X X / X X X X	14	E
35	5	10	35	X X X X X / X X X X X X X X X X	15	*
34	4	7	34	X X X X / X X X X X X X	11	*
33	5	4	33	X X X X X / X X X X	9	*
32	2	1	32	X X / X	3	
31	1	1	31	X / X	2	
30	1	1	30	X / X	2	
29	2	0	29	X X	2	
28	0	0	28		0	
27	0	0	27		0	
26	1	0	26	X	1	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: San Mateo Street

Between: Fern Avenue - Highland Avenue

Weather: Clear

Date: 8/24/21

Time From: 11:35

Time To: 12:00

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	8%	5%
% In Pace:	86%	86%	85%
% Under Pace:	8%	6%	10%
Average Speed:	36 MPH	37 MPH	36 MPH
Pace Speed:	31 - 40 MPH	33 - 42 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	33 MPH	34 MPH	33 MPH
50th Percentile / Critical Speed:	36 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	39 MPH	41 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	1	0	53	X		1	
52	0	1	52		X	1	
51	2	2	51	X X	X X	4	
50	1	0	50	X		1	
49	1	5	49	X	X X X X X	6	
48	1	1	48	X	X	2	
47	3	2	47	X X X	X X	5	*
46	2	3	46	X X	X X X	5	*
45	1	5	45	X	X X X X X	6	*
44	4	2	44	X X X X	X X	6	P
43	4	4	43	X X X X	X X X X	8	A
42	6	1	42	X X X X X X	X	7	C
41	7	7	41	X X X X X X X	X X X X X X X	14	E
40	3	3	40	X X X	X X X	6	*
39	1	3	39	X	X X X	4	*
38	5	4	38	X X X X X	X X X X	9	*
37	1	1	37	X	X	2	
36	1	1	36	X	X	2	
35	2	0	35	X X		2	
34	0	1	34		X	1	
33	2	0	33	X X		2	
32	2	1	32	X X	X	3	
31	0	2	31		X X	2	
30	0	1	30		X	1	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: San Timoteo Canyon Road

Between: Fern Avenue - Barton Road

Weather: Clear

Date: 8/25/21

Time From: 11:45

Time To: 12:20

Existing Speed Limit: 45 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	18%	15%
% In Pace:	72%	68%	70%
% Under Pace:	16%	14%	15%
Average Speed:	42 MPH	42 MPH	42 MPH
Pace Speed:	38 - 47 MPH	38 - 47 MPH	38 - 47 MPH
15th Percentile / Critical Speed:	37 MPH	38 MPH	37 MPH
50th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH
85th Percentile / Critical Speed:	47 MPH	49 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	2	0	51	X X		2	
50	1	2	50	X	X X	3	
49	1	1	49	X	X	2	
48	0	1	48		X	1	
47	1	1	47	X	X	2	
46	0	1	46		X	1	
45	2	1	45	X X	X	3	
44	0	2	44		X X	2	
43	2	3	43	X X	X X X	5	*
42	5	2	42	X X X X X	X X	7	*
41	1	1	41	X	X	2	*
40	3	10	40	X X X	X X X X X X X X X X	13	
39	0	2	39		X X	2	
38	4	3	38	X X X X	X X X	7	
37	2	5	37	X X	X X X X X	7	
36	3	1	36	X X X	X	4	*
35	2	0	35	X X		2	*
34	3	3	34	X X X	X X X	6	*
33	2	3	33	X X	X X X	5	
32	1	0	32	X		1	
31	2	2	31	X X	X X	4	
30	2	2	30	X X	X X	4	
29	2	1	29	X X	X	3	
28	1	0	28	X		1	
27	0	2	27		X X	2	
26	0	0	26			0	
25	1	0	25	X		1	
24	3	1	24	X X X	X	4	
23	1	0	23	X		1	
22	1	0	22	X		1	
21	1	0	21	X		1	
20	1	0	20	X		1	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Sunset Drive

Between: Vinton Way - Alta Vista Drive

Weather: Clear

Date: 9/1/21

Time From: 9:00

Time To: 11:30

Existing Speed Limit: 30 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	10%	16%
% In Pace:	50%	60%	55%
% Under Pace:	36%	30%	29%
Average Speed:	36 MPH	38 MPH	37 MPH
Pace Speed:	34 - 43 MPH	37 - 46 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	25 MPH	31 MPH	29 MPH
50th Percentile / Critical Speed:	36 MPH	39 MPH	38 MPH
85th Percentile / Critical Speed:	43 MPH	44 MPH	44 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	0	0	44		0	
43	3	0	43	X X X	3	
42	0	1	42	X	1	
41	0	0	41		0	
40	1	1	40	X X	2	
39	3	0	39	X X X	3	
38	1	1	38	X X	2	
37	1	4	37	X X X X X	5	
36	0	2	36	X X	2	
35	5	2	35	X X X X X X X	7	*
34	2	7	34	X X X X X X X X X	9	*
33	2	1	33	X X X	3	*
32	5	8	32	X X X X X X X X X X X X X	13	
31	0	6	31	X X X X X X	6	
30	1	3	30	X X X X	4	
29	8	2	29	X X X X X X X X X X	10	
28	3	1	28	X X X X	4	*
27	2	5	27	X X X X X X X	7	*
26	2	1	26	X X X	3	*
25	4	0	25	X X X X	4	
24	0	2	24	X X	2	
23	1	0	23	X	1	
22	1	0	22	X	1	
21	1	2	21	X X X	3	
20	2	1	20	X X X	3	
19	1	0	19	X	1	
18	1	0	18	X	1	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Sunset Drive

Between: Alta Vista Drive - Panorama Drive

Weather: Clear

Date: 9/1/21

Time From: 11:30

Time To: 3:30

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	18%	14%	18%
% In Pace:	60%	74%	66%
% Under Pace:	22%	12%	16%
Average Speed:	31 MPH	31 MPH	31 MPH
Pace Speed:	26 - 35 MPH	27 - 36 MPH	26 - 35 MPH
15th Percentile / Critical Speed:	25 MPH	27 MPH	25 MPH
50th Percentile / Critical Speed:	29 MPH	32 MPH	31 MPH
85th Percentile / Critical Speed:	38 MPH	36 MPH	37 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Eastbound / Westbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	0	0	44		0	
43	0	0	43		0	
42	0	0	42		0	
41	0	0	41		0	
40	0	0	40		0	
39	0	0	39		0	
38	0	0	38		0	
37	1	0	37	X	1	
36	2	1	36	X X / X	3	
35	1	0	35	X	1	
34	1	0	34	X	1	
33	2	3	33	X X / X X X	5	*
32	2	1	32	X X / X	3	*
31	3	2	31	X X X / X X	5	*
30	3	2	30	X X X / X X	5	
29	5	8	29	X X X X X / X X X X X X X X	13	
28	5	5	28	X X X X X / X X X X X	10	
27	5	5	27	X X X X X / X X X X X	10	
26	4	5	26	X X X X / X X X X X	9	*
25	5	6	25	X X X X X / X X X X X X	11	*
24	5	2	24	X X X X X / X X	7	*
23	3	1	23	X X X / X	4	
22	2	1	22	X X / X	3	
21	0	4	21	X X X X	4	
20	1	4	20	X / X X X X	5	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Sunset Drive

Between: Serpentine Road - Vinton Way

Weather: Clear

Date: 9/9/21

Time From: 9:50

Time To: 11:40

Existing Speed Limit: 25 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	18%	6%
% In Pace:	80%	82%	78%
% Under Pace:	6%	0%	16%
Average Speed:	28 MPH	27 MPH	27 MPH
Pace Speed:	23 - 32 MPH	20 - 29 MPH	24 - 33 MPH
15th Percentile / Critical Speed:	24 MPH	21 MPH	23 MPH
50th Percentile / Critical Speed:	27 MPH	27 MPH	27 MPH
85th Percentile / Critical Speed:	32 MPH	30 MPH	31 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Eastbound	Westbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	1	0	46	X		1	
45	1	1	45	X	X	2	
44	0	1	44		X	1	
43	1	1	43	X	X	2	
42	1	1	42	X	X	2	
41	1	2	41	X	X X	3	
40	3	0	40	X X X		3	
39	2	1	39	X X	X	3	*
38	4	1	38	X X X X	X	5	*
37	0	4	37		X X X X	4	*
36	7	3	36	X X X X X X X	X X X	10	P
35	1	4	35	X	X X X X	5	A
34	5	3	34	X X X X X	X X X	8	C
33	5	3	33	X X X X X	X X X	8	E
32	5	5	32	X X X X X	X X X X X	10	*
31	4	4	31	X X X X	X X X X	8	*
30	1	3	30	X	X X X	4	*
29	2	0	29	X X		2	
28	0	4	28		X X X X	4	
27	3	1	27	X X X	X	4	
26	0	1	26		X	1	
25	3	0	25	X X X		3	
24	0	3	24		X X X	3	
23	0	2	23		X X	2	
22	0	0	22			0	
21	0	2	21		X X	2	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Sunset Drive

Between: Panorama Drive - Franklin Avenue

Weather: Clear

Date: 9/2/21

Time From: 9:00

Time To: 11:25

Existing Speed Limit: 25 MPH

	Eastbound	Westbound	Combined Statistics
% Over Pace:	10%	16%	14%
% In Pace:	72%	66%	65%
% Under Pace:	18%	18%	21%
Average Speed:	34 MPH	33 MPH	33 MPH
Pace Speed:	31 - 40 MPH	28 - 37 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	29 MPH	26 MPH	27 MPH
50th Percentile / Critical Speed:	34 MPH	32 MPH	33 MPH
85th Percentile / Critical Speed:	40 MPH	38 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.		PACE
				Northbound	Southbound			
55	0	0	55			0		
54	0	0	54			0		
53	0	0	53			0		
52	0	0	52			0		
51	0	0	51			0		
50	0	0	50			0		
49	0	0	49			0		
48	0	0	48			0		
47	0	0	47			0		
46	0	0	46			0		
45	0	0	45			0		
44	0	0	44			0		
43	0	0	43			0		
42	0	0	42			0		
41	0	0	41			0		
40	0	0	40			0		
39	0	0	39			0		
38	0	0	38			0		
37	0	0	37			0		
36	0	0	36			0		
35	1	0	35	X		1		
34	1	0	34	X		1		
33	0	1	33		X	1		
32	1	0	32	X		1		
31	2	0	31	X X		2		
30	3	2	30	X X X	X X	5		
29	2	3	29	X X	X X X	5	*	
28	4	2	28	X X X X	X X	6	*	
27	6	4	27	X X X X X X	X X X X	10	*	
26	3	7	26	X X X	X X X X X X X	10		
25	4	3	25	X X X X	X X X	7		
24	4	8	24	X X X X	X X X X X X X X	12		
23	3	4	23	X X X	X X X X	7		
22	4	3	22	X X X X	X X X	7	*	
21	6	4	21	X X X X X X	X X X X	10	*	
20	3	4	20	X X X	X X X X	7	*	
19	2	2	19	X X	X X	4		
18	1	3	18	X	X X X	4		
17	0	0	17			0		
16	0	0	16			0		
15	0	0	15			0		
14	0	0	14			0		
13	0	0	13			0		
12	0	0	12			0		
11	0	0	11			0		
10	0	0	10			0		
9	0	0	9			0		
8	0	0	8			0		
7	0	0	7			0		
6	0	0	6			0		
5	0	0	5			0		
Total	50	50			GRAND TOTALS	100		

Location: Sunnyside Avenue

Between: Fern Avenue - Cypress Avenue

Weather: Clear

Date: 9/8/21

Time From: 1:45

Time To: 3:00

Existing Speed Limit: 20 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	10%	6%	11%
% In Pace:	78%	84%	81%
% Under Pace:	12%	10%	8%
Average Speed:	25 MPH	24 MPH	25 MPH
Pace Speed:	21 - 30 MPH	20 - 29 MPH	20 - 29 MPH
15th Percentile / Critical Speed:	21 MPH	20 MPH	20 MPH
50th Percentile / Critical Speed:	25 MPH	24 MPH	24 MPH
85th Percentile / Critical Speed:	30 MPH	28 MPH	29 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.
				Northbound / Southbound	
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	0	49		0
48	0	0	48		0
47	0	0	47		0
46	0	0	46		0
45	0	0	45		0
44	0	0	44		0
43	0	0	43		0
42	0	0	42		0
41	0	0	41		0
40	0	0	40		0
39	0	0	39		0
38	0	0	38		0
37	0	0	37		0
36	0	0	36		0
35	1	0	35	X	1
34	0	0	34		0
33	2	1	33	X X / X	3
32	1	2	32	X / X X	3
31	1	2	31	X / X X	3
30	3	6	30	X X X / X X X X X	9
29	5	4	29	X X X X X / X X X X	9
28	6	3	28	X X X X X X / X X X	9
27	1	3	27	X / X X X	4
26	7	9	26	X X X X X X X / X X X X X X X X	16
25	5	9	25	X X X X X / X X X X X X X X	14
24	5	2	24	X X X X X / X X	7
23	7	2	23	X X X X X X X / X X	9
22	3	1	22	X X X / X	4
21	0	2	21	/ X X	2
20	3	3	20	X X X / X X X	6
19	0	1	19	/ X	1
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
14	0	0	14		0
13	0	0	13		0
12	0	0	12		0
11	0	0	11		0
10	0	0	10		0
9	0	0	9		0
8	0	0	8		0
7	0	0	7		0
6	0	0	6		0
5	0	0	5		0
Total	50	50		GRAND TOTALS	100

Location: Sunnyside Avenue

Between: Cypress Avenue - Smiley Heights Drive

Weather: Clear

Date: 9/8/21

Time From: 3:00

Time To: 4:00

Existing Speed Limit: 25 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	2%	7%
% In Pace:	86%	84%	84%
% Under Pace:	6%	14%	9%
Average Speed:	26 MPH	26 MPH	26 MPH
Pace Speed:	22 - 31 MPH	23 - 32 MPH	22 - 31 MPH
15th Percentile / Critical Speed:	23 MPH	23 MPH	23 MPH
50th Percentile / Critical Speed:	26 MPH	26 MPH	26 MPH
85th Percentile / Critical Speed:	30 MPH	30 MPH	30 MPH

PACE *

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.	PACE
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	1	49		X	1	
48	0	0	48			0	
47	1	2	47	X	X X	3	
46	1	2	46	X	X X	3	
45	2	0	45	X X		2	
44	1	3	44	X	X X X	4	*
43	4	4	43	X X X X	X X X X	8	*
42	6	6	42	X X X X X X	X X X X X X	12	*
41	5	5	41	X X X X X	X X X X X	10	*
40	6	4	40	X X X X X X	X X X X	10	
39	7	9	39	X X X X X X X	X X X X X X X X X	16	
38	2	8	38	X X	X X X X X X X X	10	
37	3	2	37	X X X	X X	5	*
36	7	2	36	X X X X X X X	X X	9	*
35	3	1	35	X X X	X	4	*
34	1	1	34	X	X	2	
33	1	0	33	X		1	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Tennessee Street

Between: Colton Avenue - Brookside Avenue

Weather: Clear

Date: 9/9/21

Time From: 9:35

Time To: 9:55

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	10%	9%
% In Pace:	88%	88%	88%
% Under Pace:	4%	2%	3%
Average Speed:	40 MPH	41 MPH	40 MPH
Pace Speed:	35 - 44 MPH	35 - 44 MPH	35 - 44 MPH
15th Percentile / Critical Speed:	36 MPH	38 MPH	36 MPH
50th Percentile / Critical Speed:	40 MPH	40 MPH	40 MPH
85th Percentile / Critical Speed:	43 MPH	44 MPH	43 MPH

Radar Survey Conducted By:

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PO Box 1178

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
65	0	0	65		0	
64	0	0	64		0	
63	0	0	63		0	
62	0	0	62		0	
61	0	0	61		0	
60	0	0	60		0	
59	0	0	59		0	
58	0	0	58		0	
57	0	0	57		0	
56	3	0	56	X X X	3	
55	0	0	55		0	
54	0	3	54	X X X	3	
53	0	2	53	X X	2	
52	2	0	52	X X	2	
51	1	4	51	X X X X X	5	
50	3	1	50	X X X X	4	*
49	0	2	49	X X	2	*
48	7	3	48	X X X X X X X X X X	10	*
47	2	2	47	X X X X	4	P
46	5	6	46	X X X X X X X X X X X	11	A
45	3	8	45	X X X X X X X X X X X	11	C
44	2	5	44	X X X X X X X	7	E
43	8	1	43	X X X X X X X X X	9	*
42	3	3	42	X X X X X X	6	*
41	5	3	41	X X X X X X X X	8	*
40	2	1	40	X X X	3	
39	0	1	39	X	1	
38	2	2	38	X X X X	4	
37	1	2	37	X X X	3	
36	1	1	36	X X	2	
35	0	0	35		0	
34	0	0	34		0	
33	0	0	33		0	
32	0	0	32		0	
31	0	0	31		0	
30	0	0	30		0	
29	0	0	29		0	
28	0	0	28		0	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
Total	50	50		GRAND TOTALS	100	

Location: Terracina Boulevard

Between: Barton Road - Olive Avenue

Weather: Clear

Date: 9/9/21

Time From: 10:00

Time To: 10:20

Existing Speed Limit: 45 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	10%	15%
% In Pace:	76%	70%	72%
% Under Pace:	12%	20%	13%
Average Speed:	45 MPH	45 MPH	45 MPH
Pace Speed:	41 - 50 MPH	42 - 51 MPH	41 - 50 MPH
15th Percentile / Critical Speed:	41 MPH	41 MPH	41 MPH
50th Percentile / Critical Speed:	45 MPH	45 MPH	45 MPH
85th Percentile / Critical Speed:	50 MPH	51 MPH	50 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	1	1	45	X	X	2	
44	1	1	44	X	X	2	
43	0	1	43		X	1	
42	3	2	42	X X X	X X	5	
41	4	2	41	X X X X	X X	6	
40	1	0	40	X		1	
39	2	3	39	X X	X X X	5	*
38	4	2	38	X X X X	X X	6	*
37	4	5	37	X X X X	X X X X X	9	*
36	3	4	36	X X X	X X X X	7	*
35	4	4	35	X X X X	X X X X	8	*
34	4	4	34	X X X X	X X X X	8	*
33	6	2	33	X X X X X X	X X	8	*
32	3	3	32	X X X	X X X	6	*
31	0	4	31		X X X X	4	*
30	6	2	30	X X X X X X	X X	8	*
29	0	3	29		X X X	3	
28	3	3	28	X X X	X X X	6	
27	0	2	27		X X	2	
26	1	1	26	X	X	2	
25	0	1	25		X	1	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Terracina Boulevard

Between: Olive Avenue - Cypress Avenue

Weather: Clear

Date: 9/9/21

Time From: 10:20

Time To: 10:40

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	20%	24%	17%
% In Pace:	72%	68%	69%
% Under Pace:	8%	8%	14%
Average Speed:	35 MPH	34 MPH	35 MPH
Pace Speed:	30 - 39 MPH	28 - 37 MPH	30 - 39 MPH
15th Percentile / Critical Speed:	30 MPH	29 MPH	30 MPH
50th Percentile / Critical Speed:	35 MPH	34 MPH	35 MPH
85th Percentile / Critical Speed:	41 MPH	39 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	2	1	46	X X	X	3	
45	1	0	45	X		1	
44	0	2	44		X X	2	
43	3	1	43	X X X	X	4	
42	3	5	42	X X X	X X X X X	8	*
41	0	2	41		X X	2	*
40	9	4	40	X X X X X X X X X	X X X X	13	*
39	5	4	39	X X X X X	X X X X	9	P
38	6	5	38	X X X X X X	X X X X X	11	A
37	5	6	37	X X X X X	X X X X X X	11	C
36	0	1	36		X	1	E
35	3	5	35	X X X	X X X X X	8	*
34	4	3	34	X X X X	X X X	7	*
33	3	2	33	X X X	X X	5	*
32	1	1	32	X	X	2	
31	0	7	31		X X X X X X X	7	
30	2	1	30	X X	X	3	
29	1	0	29	X		1	
28	1	0	28	X		1	
27	1	0	27	X		1	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Texas Avenue

Between: Redlands Boulevard - Lugonia Avenue

Weather: Clear

Date: 8/26/21

Time From: 9:00

Time To: 9:25

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	22%	10%
% In Pace:	76%	76%	75%
% Under Pace:	18%	2%	15%
Average Speed:	38 MPH	37 MPH	37 MPH
Pace Speed:	34 - 43 MPH	31 - 40 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	33 MPH	31 MPH	32 MPH
50th Percentile / Critical Speed:	38 MPH	37 MPH	38 MPH
85th Percentile / Critical Speed:	42 MPH	42 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	1	46	S: X	1	
45	1	0	45	N: X	1	
44	0	0	44		0	
43	1	3	43	N: X; S: X X X	4	
42	3	2	42	N: X X X; S: X X	5	
41	2	1	41	N: X X; S: X	3	
40	4	0	40	N: X X X X	4	
39	0	0	39		0	
38	4	5	38	N: X X X X; S: X X X X X	9	*
37	7	2	37	N: X X X X X X X; S: X X	9	*
36	3	2	36	N: X X X; S: X X	5	*
35	4	6	35	N: X X X X; S: X X X X X X	10	P
34	2	4	34	N: X X; S: X X X X	6	A
33	6	4	33	N: X X X X X X; S: X X X X	10	C
32	3	5	32	N: X X X; S: X X X X X	8	E
31	1	6	31	N: X; S: X X X X X X	7	*
30	3	3	30	N: X X X; S: X X X	6	*
29	3	2	29	N: X X X; S: X X	5	*
28	0	0	28		0	
27	3	2	27	N: X X X; S: X X	5	
26	0	1	26	S: X	1	
25	0	1	25	S: X	1	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Texas Avenue

Between: Lugonia Avenue - San Bernardino Avenue

Weather: Clear

Date: 8/26/21

Time From: 9:30

Time To: 10:00

Existing Speed Limit: 40 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	22%	14%	18%
% In Pace:	72%	78%	75%
% Under Pace:	6%	8%	7%
Average Speed:	35 MPH	34 MPH	35 MPH
Pace Speed:	29 - 38 MPH	29 - 38 MPH	29 - 38 MPH
15th Percentile / Critical Speed:	30 MPH	30 MPH	30 MPH
50th Percentile / Critical Speed:	35 MPH	34 MPH	35 MPH
85th Percentile / Critical Speed:	40 MPH	38 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed — Northbound	Vehicles Surveyed — Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	2	45		X X	2	
44	0	0	44			0	
43	0	3	43		X X X	3	
42	1	3	42	X	X X X	4	
41	6	3	41	X X X X X X	X X X	9	*
40	2	4	40	X X	X X X X	6	*
39	2	2	39	X X	X X	4	*
38	0	2	38		X X	2	*
37	4	3	37	X X X X	X X X	7	*
36	5	1	36	X X X X X	X	6	*
35	4	4	35	X X X X	X X X X	8	*
34	6	2	34	X X X X X X	X X	8	*
33	4	6	33	X X X X	X X X X X X	10	*
32	4	2	32	X X X X	X X	6	*
31	1	3	31	X	X X X	4	
30	0	2	30		X X	2	
29	1	1	29	X	X	2	
28	3	0	28	X X X		3	
27	1	1	27	X	X	2	
26	2	2	26	X X	X X	4	
25	3	1	25	X X X	X	4	
24	1	2	24	X	X X	3	
23	0	1	23		X	1	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: Texas Avenue

Between: San Bernardino Avenue - Domestic Avenue

Weather: Clear

Date: 8/26/21

Time From: 10:05

Time To: 10:45

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	2%	10%	9%
% In Pace:	74%	60%	66%
% Under Pace:	24%	30%	25%
Average Speed:	34 MPH	35 MPH	35 MPH
Pace Speed:	32 - 41 MPH	33 - 42 MPH	32 - 41 MPH
15th Percentile / Critical Speed:	28 MPH	29 MPH	28 MPH
50th Percentile / Critical Speed:	34 MPH	35 MPH	35 MPH
85th Percentile / Critical Speed:	40 MPH	42 MPH	41 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	1	0	46	X	1	
45	0	0	45		0	
44	2	0	44	X X	2	
43	1	2	43	X X X	3	
42	4	1	42	X X X X X	5	
41	2	1	41	X X X	3	
40	2	4	40	X X X X X X	6	*
39	2	3	39	X X X X X	5	*
38	4	7	38	X X X X X X X X X X X	11	*
37	8	6	37	X X X X X X X X X X X X X X	14	*
36	5	4	36	X X X X X X X X X X X X	9	*
35	1	3	35	X X X X	4	*
34	7	9	34	X X X X X X X X X X X X X X X X	16	*
33	1	3	33	X X X X	4	*
32	2	2	32	X X X X	4	*
31	4	1	31	X X X X X	5	*
30	3	1	30	X X X X	4	*
29	0	2	29	X X	2	
28	0	1	28	X	1	
27	1	0	27	X	1	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: University Street

Between: Cypress Avenue - Colton Avenue

Weather: Clear

Date: 9/2/21

Time From: 2:20

Time To: 2:40

Existing Speed Limit: 30 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	24%	6%	14%
% In Pace:	74%	84%	78%
% Under Pace:	2%	10%	8%
Average Speed:	36 MPH	36 MPH	36 MPH
Pace Speed:	30 - 39 MPH	32 - 41 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	31 MPH	33 MPH	32 MPH
50th Percentile / Critical Speed:	37 MPH	36 MPH	36 MPH
85th Percentile / Critical Speed:	42 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	TOT. VEH.	PACE
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	1	45		X	1	
44	1	1	44	X	X	2	
43	1	1	43	X	X	2	
42	5	0	42	X X X X X		5	
41	3	1	41	X X X	X	4	
40	3	1	40	X X X	X	4	*
39	3	3	39	X X X	X X X	6	*
38	5	3	38	X X X X X	X X X	8	*
37	4	7	37	X X X X	X X X X X X X	11	*
36	3	5	36	X X X	X X X X X	8	*
35	8	6	35	X X X X X X X X	X X X X X X	14	*
34	6	5	34	X X X X X X	X X X X X	11	*
33	2	7	33	X X	X X X X X X X	9	*
32	1	3	32	X	X X X	4	*
31	3	4	31	X X X	X X X X	7	*
30	1	0	30	X		1	
29	1	1	29	X	X	2	
28	0	1	28		X	1	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
14	0	0	14			0	
13	0	0	13			0	
12	0	0	12			0	
11	0	0	11			0	
10	0	0	10			0	
9	0	0	9			0	
8	0	0	8			0	
7	0	0	7			0	
6	0	0	6			0	
5	0	0	5			0	
Total	50	50			GRAND TOTALS	100	

Location: University Street

Between: Colton Avenue - Lugonia Avenue

Weather: Clear

Date: 9/2/21

Time From: 1:40

Time To: 2:00

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	4%	8%	14%
% In Pace:	84%	88%	82%
% Under Pace:	12%	4%	4%
Average Speed:	37 MPH	35 MPH	36 MPH
Pace Speed:	33 - 42 MPH	31 - 40 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	33 MPH	32 MPH	32 MPH
50th Percentile / Critical Speed:	36 MPH	35 MPH	36 MPH
85th Percentile / Critical Speed:	41 MPH	39 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Northbound	Southbound	VEH.
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	0	43			0
42	0	1	42		X	1
41	0	2	41		X X	2
40	0	1	40		X	1
39	0	0	39			0
38	1	2	38	X	X X	3
37	1	0	37	X		1
36	1	1	36	X	X	2
35	1	2	35	X	X X	3
34	4	1	34	X X X X	X	5
33	2	3	33	X X	X X X	5
32	8	3	32	X X X X X X X X	X X X	11
31	2	3	31	X X	X X X	5
30	6	1	30	X X X X X X	X	7
29	1	5	29	X	X X X X X	6
28	0	3	28		X X X	3
27	6	3	27	X X X X X X	X X X	9
26	5	3	26	X X X X X	X X X	8
25	3	5	25	X X X	X X X X X	8
24	4	1	24	X X X X	X	5
23	1	5	23	X	X X X X X	6
22	2	1	22	X X	X	3
21	1	1	21	X	X	2
20	1	3	20	X	X X X	4
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
14	0	0	14			0
13	0	0	13			0
12	0	0	12			0
11	0	0	11			0
10	0	0	10			0
9	0	0	9			0
8	0	0	8			0
7	0	0	7			0
6	0	0	6			0
5	0	0	5			0
Total	50	50			GRAND TOTALS	100

Location: University Street

Between: Lugonia Avenue - San Bernardino Avenue

Weather: Clear

Date: 9/1/21

Time From: 1:35

Time To: 2:20

Existing Speed Limit: 25 MPH

PACE

	Northbound	Southbound	Combined Statistics
% Over Pace:	8%	26%	23%
% In Pace:	74%	64%	68%
% Under Pace:	18%	10%	9%
Average Speed:	29 MPH	29 MPH	29 MPH
Pace Speed:	25 - 34 MPH	23 - 32 MPH	23 - 32 MPH
15th Percentile / Critical Speed:	24 MPH	23 MPH	23 MPH
50th Percentile / Critical Speed:	30 MPH	28 MPH	29 MPH
85th Percentile / Critical Speed:	34 MPH	35 MPH	34 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT. VEH.
				Eastbound / Westbound	
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	0	49		0
48	0	0	48		0
47	0	0	47		0
46	0	0	46		0
45	0	0	45		0
44	0	0	44		0
43	0	0	43		0
42	0	0	42		0
41	0	0	41		0
40	0	3	40	X X X	3
39	0	1	39	X	1
38	1	1	38	X / X	2
37	2	0	37	X X	2
36	2	0	36	X X	2
35	2	2	35	X X / X X	4
34	2	1	34	X X / X	3
33	2	1	33	X X / X	3
32	1	3	32	X / X X X	4
31	5	5	31	X X X X X / X X X X X	10
30	3	3	30	X X X / X X X	6
29	4	5	29	X X X X / X X X X X	9
28	1	6	28	X / X X X X X X	7
27	4	1	27	X X X X / X	5
26	2	1	26	X X / X	3
25	5	3	25	X X X X X / X X X	8
24	0	1	24	X	1
23	2	4	23	X X / X X X X	6
22	1	1	22	X / X	2
21	2	2	21	X X / X X	4
20	1	0	20	X	1
19	0	1	19	X	1
18	0	0	18		0
17	0	0	17		0
16	4	2	16	X X X X / X X	6
15	2	1	15	X X / X	3
14	0	0	14		0
13	2	2	13	X X / X X	4
12	0	0	12		0
11	0	0	11		0
10	0	0	10		0
9	0	0	9		0
8	0	0	8		0
7	0	0	7		0
6	0	0	6		0
5	0	0	5		0
Total	50	50		GRAND TOTALS	100

Location: Via Vista Drive

Between: Country Club Drive - Helena Lane

Weather: Clear

Date: 8/31/21

Time From: 9:00

Time To: 4:00

Existing Speed Limit: 25 MPH

PACE

	Eastbound	Westbound	Combined Statistics
% Over Pace:	14%	18%	20%
% In Pace:	58%	64%	59%
% Under Pace:	28%	18%	21%
Average Speed:	27 MPH	28 MPH	27 MPH
Pace Speed:	25 - 34 MPH	23 - 32 MPH	23 - 32 MPH
15th Percentile / Critical Speed:	16 MPH	21 MPH	20 MPH
50th Percentile / Critical Speed:	27 MPH	28 MPH	28 MPH
85th Percentile / Critical Speed:	34 MPH	34 MPH	34 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.	PACE
				Northbound	Southbound		
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	2	1	55	X X	X	3	
54	0	0	54			0	
53	1	3	53	X	X X X	4	
52	4	1	52	X X X X	X	5	
51	2	2	51	X X	X X	4	*
50	3	0	50	X X X		3	*
49	1	3	49	X	X X X	4	*
48	4	5	48	X X X X	X X X X X	9	P
47	3	3	47	X X X	X X X	6	A
46	2	1	46	X X	X	3	C
45	0	8	45		X X X X X X X X	8	E
44	7	3	44	X X X X X X X	X X X	10	*
43	2	4	43	X X	X X X X	6	*
42	4	4	42	X X X X	X X X X	8	*
41	2	0	41	X X		2	
40	2	3	40	X X	X X X	5	
39	2	2	39	X X	X X	4	
38	4	4	38	X X X X	X X X X	8	
37	0	1	37		X	1	
36	3	1	36	X X X	X	4	
35	1	1	35	X	X	2	
34	0	0	34			0	
33	1	0	33	X		1	
32	0	0	32			0	
31	0	0	31			0	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Wabash Avenue

Between: Fifth Avenue - Citrus Avenue

Weather: Clear

Date: 8/26/21

Time From: 2:20

Time To: 2:40

Existing Speed Limit: 45 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	14%	12%
% In Pace:	56%	68%	61%
% Under Pace:	38%	18%	27%
Average Speed:	45 MPH	45 MPH	45 MPH
Pace Speed:	43 - 52 MPH	40 - 49 MPH	42 - 51 MPH
15th Percentile / Critical Speed:	38 MPH	39 MPH	38 MPH
50th Percentile / Critical Speed:	44 MPH	45 MPH	44 MPH
85th Percentile / Critical Speed:	51 MPH	49 MPH	51 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.	
				Northbound	Southbound		
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	2	53		X X	2	
52	2	1	52	X X	X	3	
51	0	1	51		X	1	
50	0	1	50		X	1	
49	2	1	49	X X	X	3	
48	3	0	48	X X X		3	
47	3	1	47	X X X	X	4	
46	4	1	46	X X X X	X	5	
45	1	5	45	X	X X X X X	6	*
44	1	2	44	X	X X	3	*
43	4	6	43	X X X X	X X X X X X	10	*
42	3	4	42	X X X	X X X X	7	P
41	3	4	41	X X X	X X X X	7	A
40	3	4	40	X X X	X X X X	7	C
39	1	7	39	X	X X X X X X X	8	E
38	2	3	38	X X	X X X	5	*
37	5	1	37	X X X X X	X	6	*
36	5	1	36	X X X X X	X	6	*
35	1	0	35	X		1	
34	1	1	34	X	X	2	
33	0	1	33		X	1	
32	2	3	32	X X	X X X	5	
31	1	0	31	X		1	
30	3	0	30	X X X		3	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Wabash Avenue

Between: Citrus Avenue - Colton Avenue

Weather: Clear

Date: 8/26/21

Time From: 2:40

Time To: 3:00

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	28%	12%	22%
% In Pace:	56%	74%	65%
% Under Pace:	16%	14%	13%
Average Speed:	41 MPH	42 MPH	41 MPH
Pace Speed:	36 - 45 MPH	38 - 47 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	35 MPH	38 MPH	36 MPH
50th Percentile / Critical Speed:	41 MPH	41 MPH	41 MPH
85th Percentile / Critical Speed:	47 MPH	46 MPH	47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed: Northbound	Vehicles Surveyed: Southbound	TOT. VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	1	52		X	1	
51	0	1	51		X	1	
50	2	2	50	X X	X X	4	
49	0	1	49		X	1	
48	1	1	48	X	X	2	
47	0	0	47			0	
46	1	1	46	X	X	2	
45	3	3	45	X X X	X X X	6	*
44	1	2	44	X	X X	3	*
43	3	4	43	X X X	X X X X	7	*
42	6	6	42	X X X X X X	X X X X X X	12	P
41	2	9	41	X X	X X X X X X X X X	11	A
40	4	0	40	X X X X		4	C
39	4	1	39	X X X X	X	5	E
38	3	4	38	X X X	X X X X	7	*
37	5	4	37	X X X X X	X X X X	9	*
36	4	3	36	X X X X	X X X	7	*
35	2	2	35	X X	X X	4	
34	3	2	34	X X X	X X	5	
33	3	2	33	X X X	X X	5	
32	2	0	32	X X		2	
31	1	1	31	X	X	2	
30	0	0	30			0	
29	0	0	29			0	
28	0	0	28			0	
27	0	0	27			0	
26	0	0	26			0	
25	0	0	25			0	
24	0	0	24			0	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Wabash Avenue

Between: Colton Avenue - Sessums Drive

Weather: Clear

Date: 8/26/21

Time From: 3:00

Time To: 3:20

Existing Speed Limit: 35 MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	16%	14%	11%
% In Pace:	72%	72%	71%
% Under Pace:	12%	14%	18%
Average Speed:	39 MPH	41 MPH	40 MPH
Pace Speed:	34 - 43 MPH	36 - 45 MPH	36 - 45 MPH
15th Percentile / Critical Speed:	34 MPH	36 MPH	35 MPH
50th Percentile / Critical Speed:	39 MPH	41 MPH	41 MPH
85th Percentile / Critical Speed:	44 MPH	45 MPH	45 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.	
				Northbound	Southbound		
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	1	0	47	X		1	
46	1	1	46	X	X	2	
45	2	2	45	X X	X X	4	
44	2	2	44	X X	X X	4	
43	1	6	43	X	X X X X X X	7	*
42	6	1	42	X X X X X X	X	7	*
41	6	2	41	X X X X X X	X X	8	*
40	3	5	40	X X X	X X X X X	8	P
39	3	1	39	X X X	X	4	A
38	4	3	38	X X X X	X X X	7	C
37	4	2	37	X X X X	X X	6	E
36	2	3	36	X X	X X X	5	*
35	1	2	35	X	X X	3	*
34	4	2	34	X X X X	X X	6	*
33	0	3	33		X X X	3	
32	1	4	32	X	X X X X	5	
31	1	1	31	X	X	2	
30	4	2	30	X X X X	X X	6	
29	0	2	29		X X	2	
28	2	1	28	X X	X	3	
27	1	2	27	X	X X	3	
26	1	1	26	X	X	2	
25	0	1	25		X	1	
24	0	1	24		X	1	
23	0	0	23			0	
22	0	0	22			0	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50			GRAND TOTALS	100	

Location: Wabash Avenue

Between: Fifth Avenue - Panorama Drive

Weather: Clear

Date: 9/8/21

Time From: 9:55

Time To: 12:00

Existing Speed Limit: N / P MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	12%	2%	11%
% In Pace:	68%	54%	61%
% Under Pace:	20%	44%	28%
Average Speed:	38 MPH	36 MPH	37 MPH
Pace Speed:	34 - 43 MPH	36 - 45 MPH	34 - 43 MPH
15th Percentile / Critical Speed:	30 MPH	29 MPH	30 MPH
50th Percentile / Critical Speed:	38 MPH	37 MPH	38 MPH
85th Percentile / Critical Speed:	42 MPH	43 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

City of Redlands

Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed	TOT. VEH.	PACE
				Northbound / Southbound		
55	0	0	55		0	
54	0	0	54		0	
53	0	0	53		0	
52	0	0	52		0	
51	0	0	51		0	
50	0	0	50		0	
49	0	0	49		0	
48	0	0	48		0	
47	0	0	47		0	
46	0	0	46		0	
45	0	0	45		0	
44	0	0	44		0	
43	1	1	43	X X	2	
42	1	0	42	X	1	
41	0	1	41	X	1	
40	1	3	40	X X X X	4	*
39	4	3	39	X X X X X X X	7	*
38	6	3	38	X X X X X X X X X	9	*
37	5	1	37	X X X X X X	6	*
36	7	6	36	X X X X X X X X X X X X X	13	PACE
35	3	6	35	X X X X X X X X X	9	
34	2	1	34	X X X	3	
33	7	4	33	X X X X X X X X X X X	11	*
32	5	13	32	X X X X X X X X X X X X X X X X X X	18	*
31	4	1	31	X X X X X	5	*
30	2	2	30	X X X X	4	
29	1	2	29	X X X	3	
28	1	3	28	X X X X	4	
27	0	0	27		0	
26	0	0	26		0	
25	0	0	25		0	
24	0	0	24		0	
23	0	0	23		0	
22	0	0	22		0	
21	0	0	21		0	
20	0	0	20		0	
19	0	0	19		0	
18	0	0	18		0	
17	0	0	17		0	
16	0	0	16		0	
15	0	0	15		0	
14	0	0	14		0	
13	0	0	13		0	
12	0	0	12		0	
11	0	0	11		0	
10	0	0	10		0	
9	0	0	9		0	
8	0	0	8		0	
7	0	0	7		0	
6	0	0	6		0	
5	0	0	5		0	
Total	50	50		GRAND TOTALS	100	

Location: Wabash Avenue

Between: Reservoir Road - Palo Alto Drive

Weather: Clear

Date: 8/26/21

Time From: 1:40

Time To: 2:20

Existing Speed Limit: N / P MPH

	Northbound	Southbound	Combined Statistics
% Over Pace:	6%	2%	4%
% In Pace:	90%	82%	85%
% Under Pace:	4%	16%	11%
Average Speed:	35 MPH	34 MPH	35 MPH
Pace Speed:	30 - 39 MPH	32 - 41 MPH	31 - 40 MPH
15th Percentile / Critical Speed:	31 MPH	31 MPH	31 MPH
50th Percentile / Critical Speed:	35 MPH	33 MPH	35 MPH
85th Percentile / Critical Speed:	38 MPH	39 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

Appendix C

ADT Traffic Volume Count Sheets

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Redlands
Alabama Street
B/ Barton Road - Park Avenue
24 Hour Directional Volume Count

RED001
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		15	130			17	93				
12:15		9	121			16	134				
12:30		16	89			16	125				
12:45		4	111	44	451	17	97	66	449	110	900
01:00		9	124			7	108				
01:15		8	99			14	131				
01:30		9	102			8	104				
01:45		12	91	38	416	13	121	42	464	80	880
02:00		1	125			9	111				
02:15		1	122			8	127				
02:30		7	**131**			5	117				
02:45		6	**179**	15	557	6	156	28	511	43	1068
03:00		8	**154**			10	144				
03:15		9	**126**			9	105				
03:30		14	126			2	141				
03:45		14	143	45	549	15	144	36	534	81	1083
04:00		21	118			13	132				
04:15		23	113			10	136				
04:30		24	134			17	129				
04:45		28	128	96	493	16	125	56	522	152	1015
05:00		41	120			12	**139**				
05:15		34	107			14	**166**				
05:30		42	110			19	**149**				
05:45		53	102	170	439	24	**157**	69	611	239	1050
06:00		74	123			22	127				
06:15		73	92			43	127				
06:30		90	95			59	129				
06:45		97	88	334	398	67	104	191	487	525	885
07:00		113	97			57	117				
07:15		105	90			92	99				
07:30		**179**	86			99	91				
07:45		**263**	93	660	366	**131**	94	379	401	1039	767
08:00		**184**	76			**118**	95				
08:15		**115**	47			**122**	96				
08:30		132	56			**112**	71				
08:45		113	38	544	217	109	87	461	349	1005	566
09:00		113	48			99	72				
09:15		106	34			78	51				
09:30		108	38			86	50				
09:45		93	33	420	153	87	55	350	228	770	381
10:00		112	37			93	51				
10:15		86	26			104	56				
10:30		122	22			74	37				
10:45		88	21	408	106	91	39	362	183	770	289
11:00		105	19			81	29				
11:15		106	18			75	35				
11:30		103	15			99	25				
11:45		113	15	427	67	90	30	345	119	772	186
Total		3201	4212	3201	4212	2385	4858	2385	4858	5586	9070
Combined Total		7413		7413		7243		7243		14656	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	741	-	-	-	483	-	-	-	-	-
P.H.F.		0.704				0.922					
PM Peak	-	-	02:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	590	-	-	-	611	-	-	-	-
P.H.F.			0.824				0.920				
Percentage		43.2%	56.8%			32.9%	67.1%				
ADT/AADT		ADT 14,656		AADT 14,656							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Redlands
Alabama Street
B/ Park Avenue - Lugonia Avenue
24 Hour Directional Volume Count

RED002
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		26	259			27	182				
12:15		21	199			29	224				
12:30		23	214			28	197				
12:45		17	179	87	851	25	191	109	794	196	1645
01:00		23	220			24	183				
01:15		19	188			17	198				
01:30		29	199			18	194				
01:45		21	202	92	809	30	211	89	786	181	1595
02:00		14	213			18	192				
02:15		14	235			17	**202**				
02:30		16	233			18	**218**				
02:45		8	210	52	891	15	**202**	68	814	120	1705
03:00		14	236			16	**210**				
03:15		20	247			19	172				
03:30		23	247			29	198				
03:45		16	234	73	964	39	230	103	810	176	1774
04:00		25	249			27	205				
04:15		39	**236**			23	180				
04:30		49	**266**			55	194				
04:45		33	**242**	146	993	91	213	196	792	342	1785
05:00		50	**275**			56	189				
05:15		54	220			55	217				
05:30		55	222			79	186				
05:45		62	187	221	904	137	210	327	802	548	1706
06:00		81	202			102	155				
06:15		112	194			109	163				
06:30		114	177			113	181				
06:45		130	181	437	754	176	152	500	651	937	1405
07:00		176	158			162	138				
07:15		154	174			164	145				
07:30		188	136			**239**	156				
07:45		**220**	156	738	624	**279**	131	844	570	1582	1194
08:00		**221**	133			**239**	119				
08:15		**213**	96			**212**	126				
08:30		**191**	107			185	108				
08:45		179	88	804	424	236	102	872	455	1676	879
09:00		188	90			208	113				
09:15		180	68			150	75				
09:30		213	89			171	74				
09:45		188	63	769	310	174	81	703	343	1472	653
10:00		203	74			188	79				
10:15		167	59			199	75				
10:30		215	52			169	53				
10:45		168	38	753	223	180	50	736	257	1489	480
11:00		214	27			180	49				
11:15		192	36			202	47				
11:30		189	38			175	35				
11:45		215	26	810	127	202	41	759	172	1569	299
Total		4982	7874	4982	7874	5306	7246	5306	7246	10288	15120
Combined Total		12856		12856		12552		12552		25408	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	845	-	-	-	969	-	-	-	-	-
P.H.F.		0.956				0.868					
PM Peak	-	-	04:15	-	-	-	02:15	-	-	-	-
Vol.	-	-	1019	-	-	-	832	-	-	-	-
P.H.F.			0.926				0.954				
Percentage		38.8%	61.2%			42.3%	57.7%				
ADT/AADT		ADT 25,408		AADT 25,408							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Redlands
Alabama Street
B/ City Limit N/ Santa Ana River - S/ Santa Ana River
24 Hour Directional Volume Count

RED003
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		37	156			29	132				
12:15		30	124			35	142				
12:30		36	137			31	146				
12:45		35	190	138	607	27	172	122	592	260	1199
01:00		37	173			21	184				
01:15		23	163			40	162				
01:30		30	191			26	139				
01:45		35	217	125	744	33	160	120	645	245	1389
02:00		26	150			45	153				
02:15		22	190			38	124				
02:30		61	215			32	153				
02:45		23	182	132	737	38	163	153	593	285	1330
03:00		21	159			16	157				
03:15		29	**240**			49	159				
03:30		20	**279**			103	170				
03:45		95	**241**	165	919	129	178	297	664	462	1583
04:00		32	**248**			81	132				
04:15		37	187			57	161				
04:30		45	198			121	191				
04:45		58	216	172	849	137	**188**	396	672	568	1521
05:00		51	250			68	**169**				
05:15		41	222			61	**216**				
05:30		33	192			85	**200**				
05:45		50	194	175	858	107	158	321	743	496	1601
06:00		52	166			60	137				
06:15		67	161			67	138				
06:30		50	124			97	138				
06:45		60	132	229	583	117	121	341	534	570	1117
07:00		67	116			137	136				
07:15		86	122			144	88				
07:30		96	128			**198**	91				
07:45		**122**	108	371	474	**277**	87	756	402	1127	876
08:00		**153**	107			**229**	84				
08:15		**135**	106			**175**	67				
08:30		**132**	97			138	80				
08:45		108	108	528	418	154	66	696	297	1224	715
09:00		108	91			124	69				
09:15		98	98			106	70				
09:30		130	93			133	44				
09:45		129	89	465	371	129	61	492	244	957	615
10:00		119	114			117	66				
10:15		100	131			121	64				
10:30		116	86			135	74				
10:45		114	87	449	418	123	77	496	281	945	699
11:00		129	69			122	57				
11:15		104	55			110	34				
11:30		141	57			142	22				
11:45		129	45	503	226	143	40	517	153	1020	379
Total		3452	7204	3452	7204	4707	5820	4707	5820	8159	13024
Combined Total		10656		10656		10527		10527		21183	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	542	-	-	-	879	-	-	-	-	-
P.H.F.		0.886				0.793					
PM Peak	-	-	03:15	-	-	-	04:45	-	-	-	-
Vol.	-	-	1008	-	-	-	773	-	-	-	-
P.H.F.			0.903				0.895				
Percentage		32.4%	67.6%			44.7%	55.3%				
ADT/AADT		ADT 21,183		AADT 21,183							

Counts Unlimited, Inc.

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City of Redlands
Alessandro Road
B/ Crescent Avenue - Sunset Drive
24 Hour Directional Volume Count

RED004
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	35			4	41				
12:15		5	40			5	46				
12:30		5	38			2	51				
12:45		10	44	23	157	1	40	12	178	35	335
01:00		2	29			2	45				
01:15		1	66			1	49				
01:30		3	52			2	36				
01:45		3	56	9	203	1	44	6	174	15	377
02:00		4	49			3	55				
02:15		3	55			4	53				
02:30		1	51			0	64				
02:45		0	69	8	224	0	65	7	237	15	461
03:00		2	64			2	53				
03:15		2	68			4	54				
03:30		2	62			1	79				
03:45		4	79	10	273	2	81	9	267	19	540
04:00		0	44			4	75				
04:15		2	51			4	77				
04:30		6	**74**			3	68				
04:45		5	**58**	13	227	7	59	18	279	31	506
05:00		12	**64**			11	**97**				
05:15		13	**81**			14	**70**				
05:30		14	65			13	**73**				
05:45		19	65	58	275	10	**77**	48	317	106	592
06:00		14	52			20	74				
06:15		15	35			23	58				
06:30		33	65			34	44				
06:45		48	34	110	186	32	58	109	234	219	420
07:00		40	33			50	38				
07:15		**78**	25			39	34				
07:30		**95**	31			41	25				
07:45		**70**	30	283	119	41	30	171	127	454	246
08:00		**74**	23			**51**	37				
08:15		70	22			**48**	28				
08:30		51	13			**48**	22				
08:45		50	17	245	75	**45**	17	192	104	437	179
09:00		47	11			32	15				
09:15		41	6			24	18				
09:30		41	12			35	9				
09:45		35	13	164	42	34	12	125	54	289	96
10:00		39	10			32	9				
10:15		29	6			30	16				
10:30		47	10			31	8				
10:45		34	11	149	37	32	13	125	46	274	83
11:00		41	8			23	11				
11:15		46	4			33	5				
11:30		49	7			38	5				
11:45		27	3	163	22	40	2	134	23	297	45
Total		1235	1840	1235	1840	956	2040	956	2040	2191	3880
Combined Total		3075		3075		2996		2996		6071	
AM Peak	-	07:15	-	-	-	08:00	-	-	-	-	-
Vol.	-	317	-	-	-	192	-	-	-	-	-
P.H.F.		0.834				0.941					
PM Peak	-	-	04:30	-	-	-	05:00	-	-	-	-
Vol.	-	-	277	-	-	-	317	-	-	-	-
P.H.F.			0.855				0.817				
Percentage		40.2%	59.8%			31.9%	68.1%				
ADT/AADT		ADT 6,071		AADT 6,071							

Counts Unlimited, Inc.

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City of Redlands
Alessandro Road
B/ Sunset Drive - Creekside Drive
24 Hour Directional Volume Count

RED005
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	30			1	34				
12:15		3	30			5	40				
12:30		5	40			3	33				
12:45		9	36	18	136	3	30	12	137	30	273
01:00		4	28			1	26				
01:15		1	46			2	43				
01:30		2	47			1	31				
01:45		4	48	11	169	3	46	7	146	18	315
02:00		3	48			5	49				
02:15		2	48			1	45				
02:30		1	34			2	69				
02:45		2	60	8	190	0	58	8	221	16	411
03:00		1	63			0	55				
03:15		1	62			3	51				
03:30		3	55			2	54				
03:45		3	75	8	255	2	80	7	240	15	495
04:00		1	60			5	66				
04:15		1	29			2	68				
04:30		4	47			4	56				
04:45		3	**84**	9	220	7	63	18	253	27	473
05:00		6	**62**			9	67				
05:15		14	**86**			11	**102**				
05:30		13	**69**			14	**59**				
05:45		8	55	41	272	14	**72**	48	300	89	572
06:00		26	54			13	**78**				
06:15		12	47			20	60				
06:30		33	50			38	48				
06:45		31	30	102	181	32	45	103	231	205	412
07:00		43	30			46	37				
07:15		71	29			40	38				
07:30		**80**	32			35	33				
07:45		**66**	35	260	126	44	26	165	134	425	260
08:00		**65**	28			**50**	30				
08:15		**76**	18			**40**	24				
08:30		55	18			**45**	22				
08:45		42	16	238	80	**59**	22	194	98	432	178
09:00		42	17			33	14				
09:15		33	7			31	17				
09:30		36	12			22	13				
09:45		38	10	149	46	36	8	122	52	271	98
10:00		33	11			32	13				
10:15		29	10			30	12				
10:30		39	7			26	9				
10:45		34	6	135	34	27	11	115	45	250	79
11:00		30	10			28	11				
11:15		45	7			38	5				
11:30		36	3			27	5				
11:45		35	5	146	25	38	4	131	25	277	50
Total		1125	1734	1125	1734	930	1882	930	1882	2055	3616
Combined Total		2859		2859		2812		2812		5671	
AM Peak	-	07:30	-	-	-	08:00	-	-	-	-	-
Vol.	-	287	-	-	-	194	-	-	-	-	-
P.H.F.		0.897				0.822					
PM Peak	-	-	04:45	-	-	-	05:15	-	-	-	-
Vol.	-	-	301	-	-	-	311	-	-	-	-
P.H.F.			0.875				0.762				
Percentage		39.3%	60.7%			33.1%	66.9%				
ADT/AADT		ADT 5,671		AADT 5,671							

Counts Unlimited, Inc.

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City of Redlands
Alessandro Road
B/ Creekside Drive - San Timoteo Canyon Road
24 Hour Directional Volume Count

RED006
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	33			1	39				
12:15		1	33			1	37				
12:30		5	15			4	17				
12:45		10	34	19	115	3	24	9	117	28	232
01:00		3	10			1	25				
01:15		2	51			0	38				
01:30		4	37			2	31				
01:45		3	45	12	143	2	43	5	137	17	280
02:00		3	44			5	41				
02:15		2	40			3	46				
02:30		0	11			0	29				
02:45		2	56	7	151	0	65	8	181	15	332
03:00		2	59			3	53				
03:15		2	57			4	53				
03:30		3	44			1	36				
03:45		3	64	10	224	5	61	13	203	23	427
04:00		0	31			5	41				
04:15		2	8			3	10				
04:30		3	10			5	13				
04:45		3	41	8	90	9	41	22	105	30	195
05:00		9	**73**			10	**78**				
05:15		10	**66**			13	**74**				
05:30		10	**56**			12	**51**				
05:45		18	**51**	47	246	12	**54**	47	257	94	503
06:00		14	44			16	51				
06:15		14	27			19	28				
06:30		32	47			40	42				
06:45		35	28	95	146	29	43	104	164	199	310
07:00		31	30			**51**	28				
07:15		**59**	21			**44**	21				
07:30		**61**	30			**49**	29				
07:45		**54**	36	205	117	**44**	25	188	103	393	220
08:00		**41**	26			45	21				
08:15		52	23			31	22				
08:30		39	17			38	11				
08:45		36	11	168	77	51	16	165	70	333	147
09:00		34	11			35	8				
09:15		28	11			26	17				
09:30		38	10			24	10				
09:45		30	14	130	46	33	6	118	41	248	87
10:00		26	10			28	13				
10:15		29	8			25	16				
10:30		29	5			19	6				
10:45		31	9	115	32	26	5	98	40	213	72
11:00		28	9			28	11				
11:15		39	6			35	3				
11:30		35	3			24	2				
11:45		13	5	115	23	22	1	109	17	224	40
Total		931	1410	931	1410	886	1435	886	1435	1817	2845
Combined Total		2341		2341		2321		2321		4662	
AM Peak	-	07:15	-	-	-	07:00	-	-	-	-	-
Vol.	-	215	-	-	-	188	-	-	-	-	-
P.H.F.		0.881				0.922					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	246	-	-	-	257	-	-	-	-
P.H.F.			0.842				0.824				
Percentage		39.8%	60.2%			38.2%	61.8%				
ADT/AADT		ADT 4,662		AADT 4,662							

Counts Unlimited, Inc.

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City of Redlands
Alta Vista Drive
B/ Florida Street - Sunset Drive
24 Hour Directional Volume Count

RED007
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	35			2	28				
12:15		1	11			1	24				
12:30		0	13			3	17				
12:45		1	13	3	72	0	19	6	88	9	160
01:00		4	21			1	12				
01:15		3	19			1	**17**				
01:30		3	14			4	**29**				
01:45		3	15	13	69	2	**31**	8	89	21	158
02:00		3	40			0	**21**				
02:15		2	22			2	13				
02:30		0	24			0	16				
02:45		0	24	5	110	0	11	2	61	7	171
03:00		1	28			1	16				
03:15		0	23			1	22				
03:30		0	**36**			0	27				
03:45		1	**35**	2	122	0	23	2	88	4	210
04:00		2	**37**			0	24				
04:15		1	**36**			0	22				
04:30		2	29			0	14				
04:45		1	39	6	141	3	20	3	80	9	221
05:00		0	37			1	15				
05:15		2	31			1	15				
05:30		5	36			1	24				
05:45		6	32	13	136	7	18	10	72	23	208
06:00		3	25			4	27				
06:15		8	21			10	23				
06:30		10	19			10	10				
06:45		15	13	36	78	10	17	34	77	70	155
07:00		17	16			**20**	19				
07:15		18	15			**22**	21				
07:30		**21**	11			**32**	19				
07:45		**35**	8	91	50	**32**	12	106	71	197	121
08:00		**33**	9			19	13				
08:15		**21**	5			23	18				
08:30		18	2			25	8				
08:45		18	3	90	19	11	11	78	50	168	69
09:00		12	5			18	12				
09:15		11	5			22	6				
09:30		16	8			21	11				
09:45		24	6	63	24	22	7	83	36	146	60
10:00		18	5			22	5				
10:15		20	2			10	5				
10:30		26	3			21	3				
10:45		25	4	89	14	21	5	74	18	163	32
11:00		25	6			25	2				
11:15		18	0			22	5				
11:30		18	1			19	0				
11:45		29	1	90	8	26	4	92	11	182	19
Total		501	843	501	843	498	741	498	741	999	1584
Combined Total		1344		1344		1239		1239		2583	
AM Peak	-	07:30	-	-	-	07:00	-	-	-	-	-
Vol.	-	110	-	-	-	106	-	-	-	-	-
P.H.F.		0.786				0.828					
PM Peak	-	-	03:30	-	-	-	01:15	-	-	-	-
Vol.	-	-	144	-	-	-	98	-	-	-	-
P.H.F.			0.973				0.790				
Percentage		37.3%	62.7%			40.2%	59.8%				
ADT/AADT		ADT 2,583		AADT 2,583							

Counts Unlimited, Inc.

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City of Redlands
Barton Road
B/ West City Limit - Terracina Boulevard
24 Hour Directional Volume Count

RED008
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		17	214			17	170				
12:15		14	217			17	188				
12:30		12	222			7	152				
12:45		13	198	56	851	13	261	54	771	110	1622
01:00		7	187			10	240				
01:15		8	168			9	192				
01:30		12	182			6	201				
01:45		8	168	35	705	7	163	32	796	67	1501
02:00		4	170			9	172				
02:15		3	185			7	189				
02:30		7	214			10	192				
02:45		12	275	26	844	6	179	32	732	58	1576
03:00		5	220			6	**245**				
03:15		10	227			10	**219**				
03:30		10	250			10	**270**				
03:45		14	252	39	949	9	**206**	35	940	74	1889
04:00		9	267			11	189				
04:15		17	266			14	180				
04:30		12	**300**			22	184				
04:45		33	**270**	71	1103	33	177	80	730	151	1833
05:00		22	**272**			16	227				
05:15		25	**323**			26	159				
05:30		45	283			47	170				
05:45		48	249	140	1127	74	184	163	740	303	1867
06:00		65	221			56	172				
06:15		76	196			97	158				
06:30		85	173			140	155				
06:45		151	184	377	774	159	130	452	615	829	1389
07:00		131	130			147	147				
07:15		161	128			212	121				
07:30		**194**	125			273	153				
07:45		**277**	124	763	507	**280**	117	912	538	1675	1045
08:00		**302**	117			**272**	100				
08:15		**254**	96			**323**	81				
08:30		176	91			**326**	91				
08:45		165	87	897	391	195	77	1116	349	2013	740
09:00		144	80			173	79				
09:15		151	53			156	70				
09:30		148	48			148	55				
09:45		134	40	577	221	132	66	609	270	1186	491
10:00		162	35			149	55				
10:15		133	54			163	35				
10:30		131	50			131	38				
10:45		150	39	576	178	145	34	588	162	1164	340
11:00		171	37			185	34				
11:15		152	25			170	32				
11:30		179	20			180	54				
11:45		179	18	681	100	166	20	701	140	1382	240
Total		4238	7750	4238	7750	4774	6783	4774	6783	9012	14533
Combined Total		11988		11988		11557		11557		23545	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	1027	-	-	-	1201	-	-	-	-	-
P.H.F.		0.850				0.921					
PM Peak	-	-	04:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	1165	-	-	-	940	-	-	-	-
P.H.F.			0.902				0.870				
Percentage		35.4%	64.6%			41.3%	58.7%				
ADT/AADT		ADT 23,545		AADT 23,545							

Counts Unlimited, Inc.

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City of Redlands
Barton Road
B/ Terracina Boulevard - Alabama Street
24 Hour Directional Volume Count

RED009
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		18	146			11	97				
12:15		8	168			9	130				
12:30		12	166			5	118				
12:45		6	123	44	603	2	133	27	478	71	1081
01:00		6	151			8	185				
01:15		6	113			7	156				
01:30		9	121			2	139				
01:45		6	150	27	535	3	142	20	622	47	1157
02:00		3	155			8	123				
02:15		2	141			5	127				
02:30		7	140			9	127				
02:45		10	196	22	632	4	123	26	500	48	1132
03:00		2	184			5	**168**				
03:15		8	190			7	**155**				
03:30		6	164			5	**169**				
03:45		10	210	26	748	7	**142**	24	634	50	1382
04:00		6	210			6	136				
04:15		8	197			3	105				
04:30		5	**237**			14	117				
04:45		12	**223**	31	867	17	97	40	455	71	1322
05:00		14	**206**			19	107				
05:15		11	**221**			11	131				
05:30		19	236			31	115				
05:45		22	164	66	827	45	130	106	483	172	1310
06:00		27	207			40	125				
06:15		27	147			59	116				
06:30		42	120			86	114				
06:45		62	104	158	578	125	122	310	477	468	1055
07:00		77	98			89	101				
07:15		93	107			137	81				
07:30		130	121			150	87				
07:45		**192**	104	492	430	**178**	95	554	364	1046	794
08:00		**202**	82			**188**	76				
08:15		**155**	76			**214**	70				
08:30		**136**	66			**222**	75				
08:45		94	60	587	284	139	51	763	272	1350	556
09:00		114	61			139	66				
09:15		102	38			97	45				
09:30		105	34			115	47				
09:45		118	27	439	160	99	58	450	216	889	376
10:00		137	34			101	45				
10:15		110	29			131	33				
10:30		109	35			98	26				
10:45		101	27	457	125	128	22	458	126	915	251
11:00		133	24			117	18				
11:15		130	19			99	19				
11:30		136	22			137	11				
11:45		141	10	540	75	110	12	463	60	1003	135
Total		2889	5864	2889	5864	3241	4687	3241	4687	6130	10551
Combined Total		8753		8753		7928		7928		16681	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	685	-	-	-	802	-	-	-	-	-
P.H.F.		0.848				0.903					
PM Peak	-	-	04:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	887	-	-	-	634	-	-	-	-
P.H.F.			0.936				0.938				
Percentage		33.0%	67.0%			40.9%	59.1%				
ADT/AADT		ADT 16,681		AADT 16,681							

Counts Unlimited, Inc.

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City of Redlands
Barton Road
B/ Alabama Street - Lakeside Avenue
24 Hour Directional Volume Count

RED010
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	99			9	72				
12:15		2	107			5	74				
12:30		4	154			4	69				
12:45		5	114	20	474	0	108	18	323	38	797
01:00		8	110			5	131				
01:15		3	88			3	82				
01:30		3	95			1	90				
01:45		4	114	18	407	5	86	14	389	32	796
02:00		3	126			6	89				
02:15		0	89			0	130				
02:30		5	111			5	98				
02:45		3	154	11	480	4	89	15	406	26	886
03:00		2	147			4	**105**				
03:15		3	134			2	**108**				
03:30		1	119			2	**133**				
03:45		2	150	8	550	1	**109**	9	455	17	1005
04:00		0	172			8	80				
04:15		5	150			3	80				
04:30		1	**196**			5	80				
04:45		2	**184**	8	702	13	70	29	310	37	1012
05:00		2	**159**			16	74				
05:15		5	**208**			9	79				
05:30		9	172			31	83				
05:45		8	145	24	684	29	82	85	318	109	1002
06:00		9	158			28	75				
06:15		14	126			41	79				
06:30		17	82			58	70				
06:45		34	80	74	446	76	84	203	308	277	754
07:00		41	91			67	68				
07:15		91	67			91	55				
07:30		90	86			93	66				
07:45		**145**	61	367	305	**144**	51	395	240	762	545
08:00		**144**	63			**136**	46				
08:15		**137**	54			**157**	49				
08:30		**107**	57			**179**	53				
08:45		66	52	454	226	123	46	595	194	1049	420
09:00		80	46			99	43				
09:15		79	43			66	43				
09:30		68	25			84	41				
09:45		81	21	308	135	62	32	311	159	619	294
10:00		79	20			73	28				
10:15		86	17			83	23				
10:30		70	30			62	13				
10:45		72	16	307	83	68	15	286	79	593	162
11:00		94	20			79	7				
11:15		86	13			80	16				
11:30		99	16			78	6				
11:45		100	15	379	64	100	8	337	37	716	101
Total		1978	4556	1978	4556	2297	3218	2297	3218	4275	7774
Combined Total		6534		6534		5515		5515		12049	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	533	-	-	-	616	-	-	-	-	-
P.H.F.		0.919				0.860					
PM Peak	-	-	04:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	747	-	-	-	455	-	-	-	-
P.H.F.			0.898				0.855				
Percentage		30.3%	69.7%			41.7%	58.3%				
ADT/AADT		ADT 12,049		AADT 12,049							

Counts Unlimited, Inc.

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City of Redlands
Brockton Avenue
B/ New York Street - Texas Street
24 Hour Directional Volume Count

RED011
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	6			2	7				
12:15		1	8			0	11				
12:30		1	9			0	12				
12:45		1	20	6	43	3	12	5	42	11	85
01:00		2	11			2	12				
01:15		0	7			2	11				
01:30		0	15			0	4				
01:45		0	5	2	38	0	14	4	41	6	79
02:00		3	7			1	13				
02:15		0	10			0	14				
02:30		0	11			0	17				
02:45		0	15	3	43	0	7	1	51	4	94
03:00		1	11			0	16				
03:15		1	**11**			0	13				
03:30		0	**15**			7	**17**				
03:45		0	**14**	2	51	2	**22**	9	68	11	119
04:00		0	**17**			4	**15**				
04:15		0	10			2	**17**				
04:30		0	9			3	13				
04:45		0	12	0	48	9	5	18	50	18	98
05:00		1	15			3	15				
05:15		2	17			6	6				
05:30		5	13			9	7				
05:45		4	9	12	54	8	15	26	43	38	97
06:00		0	16			1	11				
06:15		2	12			7	5				
06:30		2	14			5	5				
06:45		4	8	8	50	12	14	25	35	33	85
07:00		5	9			9	6				
07:15		3	5			9	10				
07:30		4	8			18	6				
07:45		2	2	14	24	8	6	44	28	58	52
08:00		8	8			11	4				
08:15		2	5			11	4				
08:30		1	4			9	9				
08:45		5	7	16	24	18	4	49	21	65	45
09:00		4	7			8	1				
09:15		8	5			10	5				
09:30		6	1			12	1				
09:45		7	1	25	14	9	2	39	9	64	23
10:00		2	4			12	6				
10:15		8	5			**16**	1				
10:30		4	3			**18**	6				
10:45		4	4	18	16	**8**	3	54	16	72	32
11:00		**10**	3			**16**	5				
11:15		**5**	2			9	4				
11:30		**9**	1			13	2				
11:45		**7**	0	31	6	11	2	49	13	80	19
Total		137	411	137	411	323	417	323	417	460	828
Combined Total		548		548		740		740		1288	
AM Peak	-	11:00	-	-	-	10:15	-	-	-	-	-
Vol.	-	31	-	-	-	58	-	-	-	-	-
P.H.F.		0.775				0.806					
PM Peak	-	-	03:15	-	-	-	03:30	-	-	-	-
Vol.	-	-	57	-	-	-	71	-	-	-	-
P.H.F.			0.838				0.807				
Percentage		25.0%	75.0%			43.6%	56.4%				
ADT/AADT		ADT 1,288		AADT 1,288							

Counts Unlimited, Inc.

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City of Redlands
Brockton Avenue
B/ Texas Street - Church Street
24 Hour Directional Volume Count

RED012
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	40			9	41				
12:15		11	35			6	43				
12:30		3	25			2	41				
12:45		9	38	32	138	3	39	20	164	52	302
01:00		3	29			6	52				
01:15		2	33			3	37				
01:30		2	26			2	34				
01:45		5	38	12	126	1	**61**	12	184	24	310
02:00		2	46			2	**54**				
02:15		3	29			3	**47**				
02:30		4	31			4	**59**				
02:45		4	43	13	149	2	46	11	206	24	355
03:00		3	45			5	45				
03:15		7	57			5	37				
03:30		3	59			10	55				
03:45		4	61	17	222	2	51	22	188	39	410
04:00		1	60			5	39				
04:15		1	46			8	45				
04:30		1	**57**			11	37				
04:45		6	**69**	9	232	7	47	31	168	40	400
05:00		3	**62**			9	41				
05:15		3	**73**			8	29				
05:30		3	56			15	35				
05:45		6	67	15	258	12	57	44	162	59	420
06:00		9	57			15	49				
06:15		7	54			22	36				
06:30		8	40			25	46				
06:45		14	33	38	184	35	39	97	170	135	354
07:00		16	42			38	33				
07:15		21	49			45	35				
07:30		**27**	30			**63**	44				
07:45		**32**	30	96	151	**79**	31	225	143	321	294
08:00		**29**	40			**59**	28				
08:15		**31**	30			**59**	28				
08:30		25	14			41	23				
08:45		24	30	109	114	34	26	193	105	302	219
09:00		19	28			38	20				
09:15		22	18			28	30				
09:30		22	23			46	26				
09:45		32	20	95	89	29	21	141	97	236	186
10:00		24	19			27	17				
10:15		20	13			38	14				
10:30		30	16			38	12				
10:45		20	12	94	60	41	14	144	57	238	117
11:00		27	8			29	17				
11:15		29	14			40	12				
11:30		26	6			29	7				
11:45		35	2	117	30	37	6	135	42	252	72
Total		647	1753	647	1753	1075	1686	1075	1686	1722	3439
Combined Total		2400		2400		2761		2761		5161	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	119	-	-	-	260	-	-	-	-	-
P.H.F.		0.930				0.823					
PM Peak	-	-	04:30	-	-	-	01:45	-	-	-	-
Vol.	-	-	261	-	-	-	221	-	-	-	-
P.H.F.			0.894				0.906				
Percentage		27.0%	73.0%			38.9%	61.1%				
ADT/AADT		ADT 5,161		AADT 5,161							

Counts Unlimited, Inc.

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City of Redlands
Brockton Avenue
B/ Church Street - Judson Street
24 Hour Directional Volume Count

RED013
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	25			1	18				
12:15		6	25			0	34				
12:30		0	19			2	30				
12:45		1	30	9	99	1	26	4	108	13	207
01:00		0	22			2	24				
01:15		1	29			0	22				
01:30		2	31			1	16				
01:45		1	30	4	112	3	32	6	94	10	206
02:00		1	35			0	18				
02:15		0	42			1	**52**				
02:30		1	30			1	**51**				
02:45		1	29	3	136	1	**30**	3	151	6	287
03:00		0	35			2	**34**				
03:15		1	**43**			1	38				
03:30		0	**39**			2	40				
03:45		2	**36**	3	153	2	34	7	146	10	299
04:00		0	**40**			3	31				
04:15		1	28			10	20				
04:30		0	32			7	29				
04:45		3	45	4	145	7	20	27	100	31	245
05:00		0	36			7	31				
05:15		1	37			11	25				
05:30		5	39			16	14				
05:45		3	39	9	151	11	22	45	92	54	243
06:00		5	38			16	26				
06:15		1	23			16	24				
06:30		6	23			22	22				
06:45		13	35	25	119	29	24	83	96	108	215
07:00		6	28			29	18				
07:15		15	25			45	18				
07:30		22	23			**55**	16				
07:45		**33**	19	76	95	**68**	15	197	67	273	162
08:00		**38**	13			**52**	11				
08:15		**39**	14			**60**	6				
08:30		**25**	14			48	16				
08:45		19	12	121	53	36	12	196	45	317	98
09:00		11	18			27	11				
09:15		10	9			33	14				
09:30		7	11			23	6				
09:45		16	12	44	50	17	9	100	40	144	90
10:00		13	10			20	5				
10:15		11	7			21	8				
10:30		16	10			11	2				
10:45		18	8	58	35	41	4	93	19	151	54
11:00		24	7			20	3				
11:15		13	5			25	1				
11:30		21	8			17	3				
11:45		30	5	88	25	15	6	77	13	165	38
Total		444	1173	444	1173	838	971	838	971	1282	2144
Combined Total		1617		1617		1809		1809		3426	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	135	-	-	-	235	-	-	-	-	-
P.H.F.		0.865				0.864					
PM Peak	-	-	03:15	-	-	-	02:15	-	-	-	-
Vol.	-	-	158	-	-	-	167	-	-	-	-
P.H.F.			0.919				0.803				
Percentage		27.5%	72.5%			46.3%	53.7%				
ADT/AADT		ADT 3,426		AADT 3,426							

Counts Unlimited, Inc.

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City of Redlands
Brockton Avenue
B/ Judson Street - Wabash Avenue
24 Hour Directional Volume Count

RED014
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	12			1	22				
12:15		0	30			2	12				
12:30		3	25			0	15				
12:45		0	20	6	87	2	22	5	71	11	158
01:00		2	22			0	13				
01:15		1	18			0	19				
01:30		0	20			1	18				
01:45		1	26	4	86	2	**25**	3	75	7	161
02:00		0	13			1	**37**				
02:15		2	**46**			0	**32**				
02:30		0	**38**			0	**19**				
02:45		0	**23**	2	120	1	14	2	102	4	222
03:00		1	**19**			0	17				
03:15		0	28			2	27				
03:30		0	17			0	19				
03:45		0	23	1	87	0	24	2	87	3	174
04:00		3	18			0	31				
04:15		6	17			0	11				
04:30		2	17			0	27				
04:45		5	19	16	71	3	31	3	100	19	171
05:00		7	23			0	19				
05:15		6	22			1	27				
05:30		14	10			3	29				
05:45		9	20	36	75	2	27	6	102	42	177
06:00		12	20			5	19				
06:15		8	19			1	15				
06:30		15	21			4	14				
06:45		17	20	52	80	8	18	18	66	70	146
07:00		21	18			4	16				
07:15		37	12			15	20				
07:30		**39**	13			**24**	12				
07:45		**55**	14	152	57	**29**	13	72	61	224	118
08:00		**46**	6			**33**	10				
08:15		**61**	9			**23**	9				
08:30		33	12			20	7				
08:45		23	6	163	33	13	9	89	35	252	68
09:00		22	8			10	7				
09:15		15	6			9	7				
09:30		18	5			10	4				
09:45		12	5	67	24	16	4	45	22	112	46
10:00		13	5			14	1				
10:15		12	3			4	2				
10:30		17	2			8	8				
10:45		23	3	65	13	19	4	45	15	110	28
11:00		17	2			18	1				
11:15		15	0			7	1				
11:30		8	2			11	3				
11:45		12	1	52	5	16	7	52	12	104	17
Total		616	738	616	738	342	748	342	748	958	1486
Combined Total		1354		1354		1090		1090		2444	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	201	-	-	-	109	-	-	-	-	-
P.H.F.		0.824				0.826					
PM Peak	-	-	02:15	-	-	-	01:45	-	-	-	-
Vol.	-	-	126	-	-	-	113	-	-	-	-
P.H.F.			0.685				0.764				
Percentage		45.5%	54.5%			31.4%	68.6%				
ADT/AADT		ADT 2,444		AADT 2,444							

Counts Unlimited, Inc.

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City of Redlands
Brookside Avenue
B/ Lakeside Avenue - Center Street
24 Hour Directional Volume Count

RED015
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	87			5	228				
12:15		9	107			12	188				
12:30		7	99			3	233				
12:45		4	123	30	416	1	247	21	896	51	1312
01:00		7	101			8	248				
01:15		2	100			1	204				
01:30		2	95			3	230				
01:45		6	104	17	400	8	217	20	899	37	1299
02:00		4	106			8	233				
02:15		1	94			2	250				
02:30		5	108			4	286				
02:45		3	156	13	464	5	228	19	997	32	1461
03:00		2	181			5	**243**				
03:15		3	149			2	**246**				
03:30		1	120			1	**390**				
03:45		1	139	7	589	7	**242**	15	1121	22	1710
04:00		3	146			2	243				
04:15		6	118			3	206				
04:30		4	**170**			7	208				
04:45		4	**135**	17	569	6	198	18	855	35	1424
05:00		4	**131**			9	185				
05:15		6	**172**			18	162				
05:30		12	131			24	229				
05:45		11	116	33	550	20	212	71	788	104	1338
06:00		12	145			22	161				
06:15		19	111			41	181				
06:30		21	116			46	182				
06:45		32	81	84	453	72	158	181	682	265	1135
07:00		59	83			67	127				
07:15		80	74			79	124				
07:30		**95**	85			121	144				
07:45		**135**	65	369	307	172	131	439	526	808	833
08:00		**201**	44			177	123				
08:15		**131**	50			258	90				
08:30		90	47			204	86				
08:45		84	44	506	185	187	83	826	382	1332	567
09:00		80	45			140	60				
09:15		75	35			121	81				
09:30		85	32			113	40				
09:45		90	23	330	135	168	46	542	227	872	362
10:00		79	19			149	38				
10:15		94	17			174	27				
10:30		76	21			170	36				
10:45		93	17	342	74	180	17	673	118	1015	192
11:00		90	24			**199**	17				
11:15		107	12			**230**	14				
11:30		84	17			**207**	10				
11:45		116	11	397	64	**219**	18	855	59	1252	123
Total		2145	4206	2145	4206	3680	7550	3680	7550	5825	11756
Combined Total		6351		6351		11230		11230		17581	
AM Peak	-	07:30	-	-	-	11:00	-	-	-	-	-
Vol.	-	562	-	-	-	855	-	-	-	-	-
P.H.F.		0.699				0.828					
PM Peak	-	-	04:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	608	-	-	-	1121	-	-	-	-
P.H.F.			0.840				0.719				
Percentage		33.8%	66.2%			32.8%	67.2%				
ADT/AADT		ADT 17,581		AADT 17,581							

Counts Unlimited, Inc.

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City of Redlands
Brookside Avenue
B/ Center Street - Eureka Street
24 Hour Directional Volume Count

RED016
Site Code: 000000000000

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	93			11	83				
12:15		7	92			14	90				
12:30		6	83			9	98				
12:45		6	99	26	367	3	96	37	367	63	734
01:00		5	103			7	92				
01:15		0	95			3	85				
01:30		2	92			4	94				
01:45		4	85	11	375	8	96	22	367	33	742
02:00		3	98			9	99				
02:15		2	99			2	107				
02:30		2	113			6	112				
02:45		3	134	10	444	3	90	20	408	30	852
03:00		1	**145**			2	**112**				
03:15		1	**147**			2	**97**				
03:30		2	**111**			5	**157**				
03:45		1	**142**	5	545	10	**112**	19	478	24	1023
04:00		2	133			5	97				
04:15		6	114			1	89				
04:30		2	147			5	91				
04:45		7	118	17	512	4	102	15	379	32	891
05:00		4	123			15	98				
05:15		8	156			18	78				
05:30		14	124			17	116				
05:45		11	117	37	520	13	102	63	394	100	914
06:00		14	137			27	78				
06:15		23	117			27	85				
06:30		25	106			39	92				
06:45		26	74	88	434	49	88	142	343	230	777
07:00		49	85			61	65				
07:15		76	81			79	85				
07:30		89	74			**111**	86				
07:45		**124**	59	338	299	**130**	71	381	307	719	606
08:00		**184**	47			**128**	64				
08:15		**139**	47			**147**	61				
08:30		**93**	52			108	69				
08:45		93	43	509	189	101	64	484	258	993	447
09:00		73	42			94	35				
09:15		69	33			58	49				
09:30		81	31			70	32				
09:45		95	21	318	127	88	39	310	155	628	282
10:00		101	16			89	34				
10:15		102	16			82	14				
10:30		80	20			72	29				
10:45		91	15	374	67	85	16	328	93	702	160
11:00		103	22			97	15				
11:15		99	11			101	11				
11:30		90	14			78	7				
11:45		111	8	403	55	84	11	360	44	763	99
Total		2136	3934	2136	3934	2181	3593	2181	3593	4317	7527
Combined Total		6070		6070		5774		5774		11844	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	540	-	-	-	516	-	-	-	-	-
P.H.F.		0.734				0.878					
PM Peak	-	-	03:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	545	-	-	-	478	-	-	-	-
P.H.F.			0.927				0.761				
Percentage		35.2%	64.8%			37.8%	62.2%				
ADT/AADT		ADT 11,844		AADT 11,844							

Counts Unlimited, Inc.

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City of Redlands
Cajon Street
B/ Vine Street - Fern Avenue
24 Hour Directional Volume Count

RED017
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	103			6	60				
12:15		4	89			5	75				
12:30		2	91			1	78				
12:45		3	78	12	361	7	69	19	282	31	643
01:00		2	85			3	81				
01:15		0	99			3	70				
01:30		3	72			1	100				
01:45		5	**80**	10	336	3	108	10	359	20	695
02:00		1	**116**			0	73				
02:15		1	**133**			3	72				
02:30		2	**75**			0	67				
02:45		1	79	5	403	3	97	6	309	11	712
03:00		4	70			4	89				
03:15		4	91			0	**107**				
03:30		7	116			1	**84**				
03:45		4	107	19	384	2	**95**	7	375	26	759
04:00		4	89			0	**111**				
04:15		3	76			4	81				
04:30		8	80			2	97				
04:45		17	89	32	334	2	86	8	375	40	709
05:00		10	83			3	106				
05:15		18	93			6	96				
05:30		17	73			5	101				
05:45		24	63	69	312	11	74	25	377	94	689
06:00		14	60			16	85				
06:15		32	74			20	78				
06:30		45	45			18	74				
06:45		62	54	153	233	50	66	104	303	257	536
07:00		54	48			35	67				
07:15		85	52			56	50				
07:30		**92**	50			**81**	46				
07:45		**118**	33	349	183	**75**	47	247	210	596	393
08:00		**102**	36			**61**	44				
08:15		**102**	30			**93**	40				
08:30		78	23			65	40				
08:45		85	22	367	111	49	36	268	160	635	271
09:00		99	21			63	32				
09:15		104	9			52	28				
09:30		89	12			68	22				
09:45		119	13	411	55	67	26	250	108	661	163
10:00		79	13			59	24				
10:15		73	8			52	22				
10:30		87	12			66	23				
10:45		79	10	318	43	82	10	259	79	577	122
11:00		89	7			69	20				
11:15		75	7			66	7				
11:30		87	7			70	12				
11:45		105	7	356	28	69	8	274	47	630	75
Total		2101	2783	2101	2783	1477	2984	1477	2984	3578	5767
Combined Total		4884		4884		4461		4461		9345	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	414	-	-	-	310	-	-	-	-	-
P.H.F.		0.877				0.833					
PM Peak	-	-	01:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	404	-	-	-	397	-	-	-	-
P.H.F.			0.759				0.894				
Percentage		43.0%	57.0%			33.1%	66.9%				
ADT/AADT		ADT 9,345		AADT 9,345							

Counts Unlimited, Inc.

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City of Redlands
Cajon Street
B/ Fern Avenue - Garden Street
24 Hour Directional Volume Count

RED018
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	51			1	50				
12:15		1	39			4	50				
12:30		1	28			2	43				
12:45		2	47	5	165	1	34	8	177	13	342
01:00		2	42			1	42				
01:15		0	43			1	47				
01:30		1	37			0	49				
01:45		0	49	3	171	1	78	3	216	6	387
02:00		2	**91**			1	46				
02:15		1	**60**			0	42				
02:30		1	**34**			1	43				
02:45		1	**59**	5	244	2	46	4	177	9	421
03:00		2	36			2	58				
03:15		1	61			0	59				
03:30		2	52			0	73				
03:45		1	53	6	202	0	66	2	256	8	458
04:00		0	51			0	63				
04:15		4	34			0	73				
04:30		1	46			0	53				
04:45		9	36	14	167	1	51	1	240	15	407
05:00		4	34			1	**97**				
05:15		7	43			4	**76**				
05:30		5	54			2	**82**				
05:45		15	43	31	174	8	**71**	15	326	46	500
06:00		4	45			11	85				
06:15		10	38			7	58				
06:30		12	39			7	54				
06:45		43	33	69	155	24	34	49	231	118	386
07:00		28	35			21	52				
07:15		56	28			39	27				
07:30		**73**	31			40	39				
07:45		**99**	15	256	109	31	32	131	150	387	259
08:00		**45**	18			34	35				
08:15		**71**	12			**54**	31				
08:30		34	11			**45**	26				
08:45		49	9	199	50	**40**	25	173	117	372	167
09:00		61	9			**46**	17				
09:15		45	5			42	23				
09:30		44	3			33	18				
09:45		55	5	205	22	39	10	160	68	365	90
10:00		49	7			40	13				
10:15		43	2			28	13				
10:30		44	4			29	12				
10:45		49	3	185	16	41	9	138	47	323	63
11:00		48	8			48	9				
11:15		53	4			45	2				
11:30		62	5			42	8				
11:45		50	4	213	21	46	5	181	24	394	45
Total		1191	1496	1191	1496	865	2029	865	2029	2056	3525
Combined Total		2687		2687		2894		2894		5581	
AM Peak	-	07:30	-	-	-	08:15	-	-	-	-	-
Vol.	-	288	-	-	-	185	-	-	-	-	-
P.H.F.		0.727				0.856					
PM Peak	-	-	02:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	244	-	-	-	326	-	-	-	-
P.H.F.			0.670				0.840				
Percentage		44.3%	55.7%			29.9%	70.1%				
ADT/AADT		ADT 5,581		AADT 5,581							

Counts Unlimited, Inc.

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City of Redlands
California Street
B/ Palmetto Avenue - Almond Avenue
24 Hour Directional Volume Count

RED019
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	54			8	38				
12:15		9	54			0	32				
12:30		19	44			22	60				
12:45		4	40	33	192	17	41	47	171	80	363
01:00		2	44			10	56				
01:15		8	**52**			6	38				
01:30		4	**75**			17	**114**				
01:45		21	**68**	35	239	3	**82**	36	290	71	529
02:00		17	**61**			10	**67**				
02:15		8	38			11	**58**				
02:30		25	39			12	73				
02:45		30	40	80	178	7	57	40	255	120	433
03:00		12	59			10	38				
03:15		11	41			9	36				
03:30		46	50			14	55				
03:45		65	40	134	190	25	54	58	183	192	373
04:00		24	42			15	51				
04:15		24	50			5	43				
04:30		48	57			20	82				
04:45		**109**	53	205	202	19	47	59	223	264	425
05:00		**50**	38			23	56				
05:15		**51**	40			17	49				
05:30		**63**	35			9	43				
05:45		96	20	260	133	40	40	89	188	349	321
06:00		52	28			24	28				
06:15		43	27			24	40				
06:30		39	33			24	51				
06:45		38	45	172	133	20	27	92	146	264	279
07:00		37	19			35	29				
07:15		46	22			31	36				
07:30		48	31			26	39				
07:45		37	23	168	95	48	25	140	129	308	224
08:00		50	24			34	19				
08:15		41	27			38	28				
08:30		34	18			39	20				
08:45		48	16	173	85	36	28	147	95	320	180
09:00		39	9			32	33				
09:15		40	11			22	19				
09:30		31	15			46	19				
09:45		47	17	157	52	45	17	145	88	302	140
10:00		46	19			37	25				
10:15		53	12			44	31				
10:30		43	17			**40**	31				
10:45		55	17	197	65	**49**	12	170	99	367	164
11:00		67	8			**36**	30				
11:15		42	18			**48**	13				
11:30		58	16			40	16				
11:45		44	6	211	48	40	6	164	65	375	113
Total		1825	1612	1825	1612	1187	1932	1187	1932	3012	3544
Combined Total		3437		3437		3119		3119		6556	
AM Peak	-	04:45	-	-	-	10:30	-	-	-	-	-
Vol.	-	273	-	-	-	173	-	-	-	-	-
P.H.F.		0.626				0.883					
PM Peak	-	-	01:15	-	-	-	01:30	-	-	-	-
Vol.	-	-	256	-	-	-	321	-	-	-	-
P.H.F.			0.853				0.704				
Percentage		53.1%	46.9%			38.1%	61.9%				
ADT/AADT		ADT 6,556		AADT 6,556							

Counts Unlimited, Inc.

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City of Redlands
California Street
B/ Almond Avenue - Redlands Boulevard
24 Hour Directional Volume Count

RED020
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	176			36	203				
12:15		34	180			17	157				
12:30		32	187			58	192				
12:45		14	188	89	731	19	124	130	676	219	1407
01:00		9	171			30	190				
01:15		11	185			30	138				
01:30		22	220			48	**290**				
01:45		35	186	77	762	24	**224**	132	842	209	1604
02:00		33	187			25	**192**				
02:15		25	172			25	**181**				
02:30		31	171			34	219				
02:45		47	198	136	728	18	202	102	794	238	1522
03:00		29	215			29	204				
03:15		34	228			23	165				
03:30		80	**276**			23	221				
03:45		117	**319**	260	1038	36	154	111	744	371	1782
04:00		52	**299**			39	192				
04:15		87	**267**			13	187				
04:30		147	267			42	271				
04:45		212	172	498	1005	54	172	148	822	646	1827
05:00		130	134			100	205				
05:15		106	159			49	192				
05:30		109	137			34	186				
05:45		173	121	518	551	53	137	236	720	754	1271
06:00		109	102			60	165				
06:15		88	116			52	136				
06:30		101	116			39	90				
06:45		142	102	440	436	63	86	214	477	654	913
07:00		123	72			77	124				
07:15		**190**	74			73	82				
07:30		**158**	78			55	93				
07:45		**205**	63	676	287	90	48	295	347	971	634
08:00		**206**	55			94	56				
08:15		164	66			108	53				
08:30		154	54			121	45				
08:45		211	45	735	220	137	47	460	201	1195	421
09:00		120	62			120	58				
09:15		139	24			124	50				
09:30		138	68			197	38				
09:45		143	47	540	201	156	41	597	187	1137	388
10:00		178	36			131	66				
10:15		163	30			135	56				
10:30		174	34			130	56				
10:45		161	39	676	139	150	35	546	213	1222	352
11:00		188	19			**152**	48				
11:15		116	44			**161**	26				
11:30		144	29			**152**	39				
11:45		133	18	581	110	**162**	26	627	139	1208	249
Total		5226	6208	5226	6208	3598	6162	3598	6162	8824	12370
Combined Total		11434		11434		9760		9760		21194	
AM Peak	-	07:15	-	-	-	11:00	-	-	-	-	-
Vol.	-	759	-	-	-	627	-	-	-	-	-
P.H.F.		0.921				0.968					
PM Peak	-	-	03:30	-	-	-	01:30	-	-	-	-
Vol.	-	-	1161	-	-	-	887	-	-	-	-
P.H.F.			0.910				0.765				
Percentage		45.7%	54.3%			36.9%	63.1%				
ADT/AADT		ADT 21,194		AADT 21,194							

Counts Unlimited, Inc.

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City of Redlands
Center Street
B/ State Street - Brookside Avenue
24 Hour Directional Volume Count

RED021
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	83			8	62				
12:15		1	58			1	68				
12:30		0	88			2	71				
12:45		2	74	12	303	5	90	16	291	28	594
01:00		2	74			7	79				
01:15		2	73			7	52				
01:30		2	79			0	72				
01:45		2	86	8	312	2	65	16	268	24	580
02:00		3	86			3	77				
02:15		1	66			2	112				
02:30		4	68			5	70				
02:45		5	**73**	13	293	3	70	13	329	26	622
03:00		3	**94**			3	74				
03:15		1	**84**			3	71				
03:30		4	**88**			4	72				
03:45		11	70	19	336	0	64	10	281	29	617
04:00		3	77			3	64				
04:15		3	70			3	61				
04:30		3	82			8	**93**				
04:45		2	77	11	306	12	**88**	26	306	37	612
05:00		7	83			7	**79**				
05:15		13	78			4	**72**				
05:30		13	79			10	76				
05:45		22	74	55	314	14	61	35	288	90	602
06:00		11	68			16	64				
06:15		25	71			24	61				
06:30		27	52			27	58				
06:45		31	67	94	258	32	57	99	240	193	498
07:00		36	44			36	42				
07:15		39	40			42	37				
07:30		**66**	58			**90**	44				
07:45		**96**	44	237	186	**118**	25	286	148	523	334
08:00		**100**	44			**94**	41				
08:15		**73**	44			**87**	32				
08:30		65	28			84	24				
08:45		73	22	311	138	57	20	322	117	633	255
09:00		44	31			42	15				
09:15		45	26			44	24				
09:30		44	16			33	17				
09:45		48	17	181	90	54	15	173	71	354	161
10:00		51	12			40	10				
10:15		49	22			51	7				
10:30		42	12			28	9				
10:45		42	6	184	52	50	4	169	30	353	82
11:00		55	9			57	7				
11:15		68	9			81	6				
11:30		68	4			45	8				
11:45		67	12	258	34	57	12	240	33	498	67
Total		1383	2622	1383	2622	1405	2402	1405	2402	2788	5024
Combined Total		4005		4005		3807		3807		7812	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	335	-	-	-	389	-	-	-	-	-
P.H.F.		0.838				0.824					
PM Peak	-	-	02:45	-	-	-	04:30	-	-	-	-
Vol.	-	-	339	-	-	-	332	-	-	-	-
P.H.F.			0.902				0.741				
Percentage		34.5%	65.5%			36.9%	63.1%				
ADT/AADT		ADT 7,812		AADT 7,812							

Counts Unlimited, Inc.

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City of Redlands
Center Street
B/ Brookside Avenue - Cypress Avenue
24 Hour Directional Volume Count

RED022
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	41			5	61				
12:15		2	34			2	61				
12:30		1	**53**			2	89				
12:45		2	**109**	11	237	1	61	10	272	21	509
01:00		2	**54**			0	62				
01:15		2	**39**			1	70				
01:30		1	46			2	47				
01:45		1	46	6	185	2	59	5	238	11	423
02:00		0	67			3	60				
02:15		1	34			1	46				
02:30		1	52			2	49				
02:45		2	50	4	203	3	72	9	227	13	430
03:00		2	36			1	73				
03:15		4	56			1	58				
03:30		3	58			2	63				
03:45		4	53	13	203	2	65	6	259	19	462
04:00		2	52			1	53				
04:15		3	48			3	61				
04:30		3	62			2	72				
04:45		8	48	16	210	2	**69**	8	255	24	465
05:00		8	53			4	**91**				
05:15		10	52			8	**61**				
05:30		5	53			9	**77**				
05:45		6	50	29	208	10	63	31	292	60	500
06:00		17	47			10	72				
06:15		18	43			11	63				
06:30		22	46			17	59				
06:45		38	44	95	180	19	52	57	246	152	426
07:00		36	22			30	38				
07:15		46	33			53	34				
07:30		67	24			54	49				
07:45		**68**	18	217	97	**53**	36	190	157	407	254
08:00		**62**	40			**45**	38				
08:15		**58**	30			**63**	29				
08:30		**70**	24			**55**	32				
08:45		59	14	249	108	42	25	205	124	454	232
09:00		48	16			37	29				
09:15		54	18			31	16				
09:30		37	15			29	17				
09:45		60	13	199	62	28	18	125	80	324	142
10:00		37	7			33	11				
10:15		47	9			29	15				
10:30		41	4			24	8				
10:45		48	5	173	25	43	6	129	40	302	65
11:00		38	3			37	7				
11:15		45	3			52	7				
11:30		46	5			56	4				
11:45		47	3	176	14	54	4	199	22	375	36
Total		1188	1732	1188	1732	974	2212	974	2212	2162	3944
Combined Total		2920		2920		3186		3186		6106	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	258	-	-	-	216	-	-	-	-	-
P.H.F.		0.921				0.857					
PM Peak	-	-	00:30	-	-	-	04:45	-	-	-	-
Vol.	-	-	255	-	-	-	298	-	-	-	-
P.H.F.			0.585				0.819				
Percentage		40.7%	59.3%			30.6%	69.4%				
ADT/AADT		ADT 6,106		AADT 6,106							

Counts Unlimited, Inc.

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City of Redlands
Center Street
B/ Cypress Avenue - Crescent Avenue
24 Hour Directional Volume Count

RED023
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	51			7	43				
12:15		3	50			4	51				
12:30		2	66			1	32				
12:45		6	58	14	225	7	60	19	186	33	411
01:00		6	45			3	51				
01:15		2	47			2	60				
01:30		3	52			1	49				
01:45		1	60	12	204	0	61	6	221	18	425
02:00		2	76			4	60				
02:15		0	56			1	71				
02:30		0	57			2	48				
02:45		1	61	3	250	0	53	7	232	10	482
03:00		3	65			0	71				
03:15		2	56			4	73				
03:30		4	71			2	72				
03:45		5	71	14	263	1	77	7	293	21	556
04:00		3	65			4	74				
04:15		1	64			7	85				
04:30		6	78			2	88				
04:45		10	58	20	265	2	68	15	315	35	580
05:00		11	**85**			8	**95**				
05:15		14	**60**			12	**89**				
05:30		16	**85**			11	**94**				
05:45		12	**69**	53	299	13	**70**	44	348	97	647
06:00		27	56			18	77				
06:15		29	43			32	58				
06:30		29	47			32	57				
06:45		53	38	138	184	48	58	130	250	268	434
07:00		48	29			52	54				
07:15		75	36			41	25				
07:30		**107**	18			59	52				
07:45		**88**	40	318	123	**60**	44	212	175	530	298
08:00		**95**	31			**55**	26				
08:15		**84**	23			**56**	33				
08:30		84	24			**66**	36				
08:45		54	12	317	90	31	22	208	117	525	207
09:00		44	19			45	29				
09:15		49	14			40	17				
09:30		54	17			34	19				
09:45		48	8	195	58	35	22	154	87	349	145
10:00		43	8			40	12				
10:15		48	12			29	15				
10:30		41	7			25	10				
10:45		55	6	187	33	53	7	147	44	334	77
11:00		36	8			44	16				
11:15		71	4			61	9				
11:30		61	8			55	5				
11:45		46	4	214	24	53	4	213	34	427	58
Total		1485	2018	1485	2018	1162	2302	1162	2302	2647	4320
Combined Total		3503		3503		3464		3464		6967	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	374	-	-	-	237	-	-	-	-	-
P.H.F.		0.874				0.898					
PM Peak	-	-	05:00	-	-	-	05:00	-	-	-	-
Vol.	-	-	299	-	-	-	348	-	-	-	-
P.H.F.			0.879				0.916				
Percentage		42.4%	57.6%			33.5%	66.5%				
ADT/AADT		ADT 6,967		AADT 6,967							

Counts Unlimited, Inc.

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City of Redlands
Center Street
B/ Crescent Avenue - Ridge Street
24 Hour Directional Volume Count

RED024
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	7			2	9				
12:15		0	3			0	9				
12:30		0	15			0	5				
12:45		1	6	1	31	1	9	3	32	4	63
01:00		0	3			0	4				
01:15		1	5			0	13				
01:30		1	8			1	9				
01:45		0	6	2	22	0	11	1	37	3	59
02:00		0	6			0	8				
02:15		0	13			0	6				
02:30		0	9			0	11				
02:45		0	**12**	0	40	0	7	0	32	0	72
03:00		0	**10**			0	**9**				
03:15		1	**14**			0	**16**				
03:30		0	**10**			1	**10**				
03:45		1	5	2	39	0	**12**	1	47	3	86
04:00		2	5			0	8				
04:15		0	3			0	11				
04:30		0	7			1	15				
04:45		1	5	3	20	0	12	1	46	4	66
05:00		2	6			0	7				
05:15		2	6			0	7				
05:30		1	5			2	15				
05:45		1	6	6	23	1	8	3	37	9	60
06:00		5	5			0	13				
06:15		2	7			3	6				
06:30		3	10			1	6				
06:45		7	7	17	29	4	8	8	33	25	62
07:00		7	5			4	10				
07:15		11	4			5	5				
07:30		17	4			6	8				
07:45		**11**	3	46	16	**9**	9	24	32	70	48
08:00		**9**	2			**7**	4				
08:15		**19**	3			**11**	8				
08:30		**18**	2			**11**	5				
08:45		7	2	53	9	2	1	31	18	84	27
09:00		5	5			12	0				
09:15		8	4			3	2				
09:30		10	1			10	2				
09:45		9	3	32	13	5	4	30	8	62	21
10:00		5	0			4	2				
10:15		10	3			8	3				
10:30		3	0			5	2				
10:45		7	0	25	3	9	1	26	8	51	11
11:00		9	1			12	0				
11:15		3	0			5	4				
11:30		11	3			12	0				
11:45		6	0	29	4	7	1	36	5	65	9
Total		216	249	216	249	164	335	164	335	380	584
Combined Total		465		465		499		499		964	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	57	-	-	-	38	-	-	-	-	-
P.H.F.		0.750				0.864					
PM Peak	-	-	02:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	46	-	-	-	47	-	-	-	-
P.H.F.			0.821				0.734				
Percentage		46.5%	53.5%			32.9%	67.1%				
ADT/AADT		ADT 964		AADT 964							

Counts Unlimited, Inc.

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City of Redlands
Central Avenue
B/ University Street - Judson Street
24 Hour Directional Volume Count

RED025
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	6			1	15				
12:15		4	6			1	8				
12:30		4	7			1	7				
12:45		0	14	10	33	0	8	3	38	13	71
01:00		1	6			2	7				
01:15		2	13			0	8				
01:30		1	8			1	8				
01:45		2	12	6	39	0	6	3	29	9	68
02:00		3	8			3	3				
02:15		2	15			1	9				
02:30		4	13			3	10				
02:45		0	11	9	47	3	7	10	29	19	76
03:00		0	3			2	8				
03:15		1	10			4	7				
03:30		3	7			2	6				
03:45		2	6	6	26	8	8	16	29	22	55
04:00		4	7			8	12				
04:15		3	10			8	9				
04:30		1	11			6	4				
04:45		0	12	8	40	12	9	34	34	42	74
05:00		2	11			5	10				
05:15		4	**15**			7	9				
05:30		4	**16**			9	4				
05:45		5	**13**	15	55	10	**14**	31	37	46	92
06:00		4	**15**			6	**6**				
06:15		2	13			5	**11**				
06:30		0	12			4	**11**				
06:45		5	13	11	53	5	8	20	36	31	89
07:00		**13**	10			9	8				
07:15		**4**	12			**8**	3				
07:30		**4**	11			**4**	4				
07:45		**14**	10	35	43	**7**	12	28	27	63	70
08:00		10	6			**19**	8				
08:15		5	12			5	11				
08:30		5	8			4	9				
08:45		4	4	24	30	5	4	33	32	57	62
09:00		11	9			7	6				
09:15		6	9			9	7				
09:30		5	5			4	10				
09:45		6	2	28	25	3	1	23	24	51	49
10:00		3	8			4	2				
10:15		9	7			6	1				
10:30		6	6			6	5				
10:45		4	1	22	22	3	2	19	10	41	32
11:00		7	6			11	4				
11:15		5	5			10	0				
11:30		11	3			9	4				
11:45		7	2	30	16	3	2	33	10	63	26
Total		204	429	204	429	253	335	253	335	457	764
Combined Total		633		633		588		588		1221	
AM Peak	-	07:00	-	-	-	07:15	-	-	-	-	-
Vol.	-	35	-	-	-	38	-	-	-	-	-
P.H.F.		0.625				0.500					
PM Peak	-	-	05:15	-	-	-	05:45	-	-	-	-
Vol.	-	-	59	-	-	-	42	-	-	-	-
P.H.F.			0.922				0.750				
Percentage		32.2%	67.8%			43.0%	57.0%				
ADT/AADT		ADT 1,221		AADT 1,221							

Counts Unlimited, Inc.

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City of Redlands
Church Street
B/ Pioneer Avenue - Redlands Boulevard
24 Hour Directional Volume Count

RED026
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	64			3	60				
12:15		4	63			2	51				
12:30		6	61			4	67				
12:45		3	78	18	266	2	71	11	249	29	515
01:00		1	78			2	82				
01:15		2	79			3	**87**				
01:30		8	62			1	**74**				
01:45		5	87	16	306	6	**85**	12	328	28	634
02:00		6	104			6	**86**				
02:15		1	75			2	58				
02:30		4	102			3	66				
02:45		5	76	16	357	4	69	15	279	31	636
03:00		3	84			2	59				
03:15		4	84			3	81				
03:30		6	89			4	79				
03:45		2	68	15	325	5	74	14	293	29	618
04:00		4	83			3	53				
04:15		4	83			7	71				
04:30		4	**95**			11	65				
04:45		5	**101**	17	362	14	65	35	254	52	616
05:00		5	**92**			8	85				
05:15		9	**93**			14	67				
05:30		4	95			18	85				
05:45		11	95	29	375	24	70	64	307	93	682
06:00		13	75			24	79				
06:15		6	79			19	90				
06:30		16	82			22	58				
06:45		16	73	51	309	44	57	109	284	160	593
07:00		26	66			54	58				
07:15		43	64			**108**	61				
07:30		74	66			**145**	53				
07:45		**76**	48	219	244	**115**	52	422	224	641	468
08:00		**71**	58			**102**	46				
08:15		**66**	50			88	58				
08:30		**77**	64			67	42				
08:45		48	46	262	218	65	29	322	175	584	393
09:00		45	41			78	27				
09:15		44	26			52	19				
09:30		45	24			62	23				
09:45		49	19	183	110	75	16	267	85	450	195
10:00		57	16			63	28				
10:15		55	21			64	10				
10:30		53	19			52	14				
10:45		59	18	224	74	63	11	242	63	466	137
11:00		67	14			66	6				
11:15		58	12			53	7				
11:30		64	15			41	5				
11:45		47	5	236	46	61	8	221	26	457	72
Total		1286	2992	1286	2992	1734	2567	1734	2567	3020	5559
Combined Total		4278		4278		4301		4301		8579	
AM Peak	-	07:45	-	-	-	07:15	-	-	-	-	-
Vol.	-	290	-	-	-	470	-	-	-	-	-
P.H.F.		0.942				0.810					
PM Peak	-	-	04:30	-	-	-	01:15	-	-	-	-
Vol.	-	-	381	-	-	-	332	-	-	-	-
P.H.F.			0.943				0.954				
Percentage		30.1%	69.9%			40.3%	59.7%				
ADT/AADT		ADT 8,579		AADT 8,579							

Counts Unlimited, Inc.

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City of Redlands
Citrus Avenue
B/ Eureka Street - Orange Avenue
24 Hour Directional Volume Count

RED001
Site Code: 105-22029

Start Time	12-Jan-22 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	85			2	80				
12:15		6	83			3	81				
12:30		2	76			4	81				
12:45		4	99	17	343	7	82	16	324	33	667
01:00		7	96			2	87				
01:15		2	105			2	81				
01:30		1	90			4	62				
01:45		5	83	15	374	6	77	14	307	29	681
02:00		6	94			7	91				
02:15		0	102			3	90				
02:30		2	104			1	79				
02:45		0	**121**	8	421	2	90	13	350	21	771
03:00		1	**146**			4	**95**				
03:15		2	**136**			0	**98**				
03:30		4	**134**			5	**141**				
03:45		3	115	10	531	2	**118**	11	452	21	983
04:00		2	120			3	77				
04:15		4	115			2	68				
04:30		1	105			5	64				
04:45		3	111	10	451	8	93	18	302	28	753
05:00		8	131			6	112				
05:15		11	113			9	81				
05:30		9	103			11	83				
05:45		16	107	44	454	13	72	39	348	83	802
06:00		17	89			14	72				
06:15		16	70			21	59				
06:30		25	66			23	55				
06:45		33	63	91	288	31	50	89	236	180	524
07:00		38	48			37	55				
07:15		60	41			49	42				
07:30		**76**	40			72	27				
07:45		**108**	48	282	177	**97**	53	255	177	537	354
08:00		**138**	42			**97**	39				
08:15		**123**	38			**111**	42				
08:30		68	22			**77**	28				
08:45		70	30	399	132	68	38	353	147	752	279
09:00		74	22			41	34				
09:15		76	16			68	28				
09:30		67	21			47	14				
09:45		89	13	306	72	62	24	218	100	524	172
10:00		66	16			58	15				
10:15		74	15			56	16				
10:30		68	14			72	16				
10:45		82	12	290	57	52	8	238	55	528	112
11:00		68	16			67	9				
11:15		93	15			60	14				
11:30		103	12			92	13				
11:45		71	4	335	47	79	7	298	43	633	90
Total		1807	3347	1807	3347	1562	2841	1562	2841	3369	6188
Combined Total		5154		5154		4403		4403		9557	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	445	-	-	-	382	-	-	-	-	-
P.H.F.		0.806				0.860					
PM Peak	-	-	02:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	537	-	-	-	452	-	-	-	-
P.H.F.			0.920				0.801				
Percentage		35.1%	64.9%			35.5%	64.5%				
ADT/AADT		ADT 9,557		AADT 9,557							

Counts Unlimited, Inc.

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City of Redlands
Citrus Avenue
B/ Redlands Boulevard - University Street
24 Hour Directional Volume Count

RED003
Site Code: 105-22029

Start Time	12-Jan-22 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	68			7	66				
12:15		4	61			6	75				
12:30		5	80			7	74				
12:45		7	88	24	297	4	90	24	305	48	602
01:00		7	81			1	75				
01:15		4	82			4	73				
01:30		2	77			2	74				
01:45		4	65	17	305	6	57	13	279	30	584
02:00		7	62			4	69				
02:15		8	87			2	80				
02:30		6	87			3	76				
02:45		2	94	23	330	2	85	11	310	34	640
03:00		2	98			3	**79**				
03:15		3	**133**			2	**104**				
03:30		1	**146**			2	**109**				
03:45		2	**106**	8	483	3	**94**	10	386	18	869
04:00		2	**113**			6	65				
04:15		3	100			10	76				
04:30		6	93			2	77				
04:45		6	99	17	405	8	74	26	292	43	697
05:00		3	131			15	87				
05:15		6	139			15	84				
05:30		8	97			13	68				
05:45		13	106	30	473	16	63	59	302	89	775
06:00		13	103			24	64				
06:15		10	83			27	62				
06:30		18	71			33	53				
06:45		22	69	63	326	33	47	117	226	180	552
07:00		20	45			59	44				
07:15		58	55			81	39				
07:30		57	39			82	30				
07:45		**66**	46	201	185	**107**	41	329	154	530	339
08:00		**136**	73			**136**	49				
08:15		**163**	54			**148**	30				
08:30		**71**	31			**92**	31				
08:45		56	37	426	195	81	28	457	138	883	333
09:00		45	46			47	21				
09:15		48	36			54	24				
09:30		50	29			72	18				
09:45		53	28	196	139	67	13	240	76	436	215
10:00		59	20			72	12				
10:15		62	20			57	11				
10:30		49	23			49	6				
10:45		46	14	216	77	62	13	240	42	456	119
11:00		58	16			62	8				
11:15		63	13			66	12				
11:30		67	15			57	13				
11:45		64	9	252	53	76	7	261	40	513	93
Total		1473	3268	1473	3268	1787	2550	1787	2550	3260	5818
Combined Total		4741		4741		4337		4337		9078	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	436	-	-	-	483	-	-	-	-	-
P.H.F.		0.669				0.816					
PM Peak	-	-	03:15	-	-	-	03:00	-	-	-	-
Vol.	-	-	498	-	-	-	386	-	-	-	-
P.H.F.			0.853				0.885				
Percentage		31.1%	68.9%			41.2%	58.8%				
ADT/AADT		ADT 9,078		AADT 9,078							

Counts Unlimited, Inc.

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City of Redlands
Citrus Avenue
B/ University Street - Wabash Avenue
24 Hour Directional Volume Count

RED028
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	75			7	72				
12:15		11	87			2	75				
12:30		10	95			8	49				
12:45		6	84	38	341	2	75	19	271	57	612
01:00		9	98			2	60				
01:15		8	85			3	62				
01:30		6	106			3	69				
01:45		3	108	26	397	5	57	13	248	39	645
02:00		3	129			1	**65**				
02:15		5	105			6	**172**				
02:30		2	112			4	**116**				
02:45		4	**111**	14	457	4	**63**	15	416	29	873
03:00		0	**123**			1	64				
03:15		2	**137**			3	132				
03:30		3	**142**			6	108				
03:45		4	105	9	507	3	75	13	379	22	886
04:00		3	120			6	59				
04:15		0	114			20	69				
04:30		3	111			14	72				
04:45		10	117	16	462	16	70	56	270	72	732
05:00		10	135			9	75				
05:15		9	124			27	70				
05:30		8	130			29	68				
05:45		9	121	36	510	31	78	96	291	132	801
06:00		12	123			34	68				
06:15		26	116			37	69				
06:30		15	101			60	52				
06:45		43	91	96	431	60	49	191	238	287	669
07:00		58	97			73	46				
07:15		61	87			94	36				
07:30		85	80			**131**	43				
07:45		**113**	74	317	338	**148**	47	446	172	763	510
08:00		**130**	64			**146**	30				
08:15		**89**	61			**146**	39				
08:30		**89**	50			118	23				
08:45		77	47	385	222	73	18	483	110	868	332
09:00		73	49			72	27				
09:15		63	31			73	17				
09:30		72	32			74	19				
09:45		69	40	277	152	63	9	282	72	559	224
10:00		77	36			69	16				
10:15		74	35			85	10				
10:30		68	30			70	10				
10:45		68	13	287	114	59	8	283	44	570	158
11:00		69	21			58	13				
11:15		82	15			58	7				
11:30		70	20			76	4				
11:45		61	15	282	71	76	6	268	30	550	101
Total		1783	4002	1783	4002	2165	2541	2165	2541	3948	6543
Combined Total		5785		5785		4706		4706		10491	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	421	-	-	-	571	-	-	-	-	-
P.H.F.		0.810				0.965					
PM Peak	-	-	02:45	-	-	-	02:00	-	-	-	-
Vol.	-	-	513	-	-	-	416	-	-	-	-
P.H.F.			0.903				0.605				
Percentage		30.8%	69.2%			46.0%	54.0%				
ADT/AADT		ADT 10,491		AADT 10,491							

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City of Redlands
Colton Avenue
B/ Redlands Boulevard - Church Street
24 Hour Directional Volume Count

RED029
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		12	84			5	93				
12:15		5	84			9	73				
12:30		11	89			3	56				
12:45		5	91	33	348	5	87	22	309	55	657
01:00		4	105			4	82				
01:15		2	92			3	85				
01:30		7	106			9	65				
01:45		4	91	17	394	3	95	19	327	36	721
02:00		5	107			2	96				
02:15		5	114			2	79				
02:30		6	109			4	84				
02:45		3	123	19	453	4	79	12	338	31	791
03:00		2	140			4	**88**				
03:15		0	125			6	**105**				
03:30		5	88			1	**97**				
03:45		3	120	10	473	6	**80**	17	370	27	843
04:00		1	147			7	57				
04:15		2	121			9	83				
04:30		5	117			12	68				
04:45		3	**144**	11	529	17	78	45	286	56	815
05:00		6	**148**			6	76				
05:15		2	**143**			7	85				
05:30		3	**129**			15	69				
05:45		10	144	21	564	16	96	44	326	65	890
06:00		15	129			14	86				
06:15		6	137			23	74				
06:30		16	106			22	67				
06:45		22	88	59	460	62	86	121	313	180	773
07:00		44	85			60	74				
07:15		61	87			69	58				
07:30		55	76			**130**	50				
07:45		43	82	203	330	**107**	49	366	231	569	561
08:00		81	71			**80**	54				
08:15		59	80			**108**	47				
08:30		60	59			79	44				
08:45		35	51	235	261	57	35	324	180	559	441
09:00		56	43			63	35				
09:15		45	45			64	22				
09:30		66	44			75	26				
09:45		55	38	222	170	68	19	270	102	492	272
10:00		48	41			69	25				
10:15		58	27			62	17				
10:30		62	27			73	16				
10:45		58	28	226	123	60	14	264	72	490	195
11:00		**74**	15			65	8				
11:15		**68**	16			78	12				
11:30		**63**	8			68	10				
11:45		**71**	9	276	48	72	3	283	33	559	81
Total		1332	4153	1332	4153	1787	2887	1787	2887	3119	7040
Combined Total		5485		5485		4674		4674		10159	
AM Peak	-	11:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	276	-	-	-	425	-	-	-	-	-
P.H.F.		0.932				0.817					
PM Peak	-	-	04:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	564	-	-	-	370	-	-	-	-
P.H.F.			0.953				0.881				
Percentage		24.3%	75.7%			38.2%	61.8%				
ADT/AADT		ADT 10,159		AADT 10,159							

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City of Redlands
Colton Avenue
B/ Church Street - Grove Street
24 Hour Directional Volume Count

RED030
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	61			6	75				
12:15		7	67			4	54				
12:30		7	64			6	67				
12:45		4	58	23	250	5	48	21	244	44	494
01:00		4	75			3	47				
01:15		4	69			3	64				
01:30		3	72			4	54				
01:45		1	68	12	284	1	77	11	242	23	526
02:00		5	94			2	52				
02:15		2	81			0	41				
02:30		2	89			3	50				
02:45		2	104	11	368	2	41	7	184	18	552
03:00		2	99			1	**72**				
03:15		1	**119**			1	**72**				
03:30		4	**117**			3	**88**				
03:45		2	**119**	9	454	0	**83**	5	315	14	769
04:00		1	**113**			3	46				
04:15		0	81			5	55				
04:30		1	104			5	51				
04:45		2	94	4	392	8	59	21	211	25	603
05:00		2	113			5	52				
05:15		3	103			4	62				
05:30		4	113			10	51				
05:45		10	113	19	442	10	67	29	232	48	674
06:00		4	92			3	72				
06:15		4	109			13	58				
06:30		12	67			22	43				
06:45		10	68	30	336	33	53	71	226	101	562
07:00		20	64			36	56				
07:15		44	72			63	36				
07:30		**70**	55			**65**	36				
07:45		**44**	47	178	238	**59**	36	223	164	401	402
08:00		**64**	50			**70**	39				
08:15		**70**	57			**98**	24				
08:30		46	46			63	39				
08:45		36	34	216	187	57	22	288	124	504	311
09:00		33	28			47	21				
09:15		36	22			39	14				
09:30		47	33			43	20				
09:45		37	18	153	101	47	17	176	72	329	173
10:00		28	19			47	12				
10:15		45	19			43	10				
10:30		54	15			40	18				
10:45		39	23	166	76	41	13	171	53	337	129
11:00		55	12			57	7				
11:15		49	12			45	6				
11:30		45	5			44	3				
11:45		60	6	209	35	59	2	205	18	414	53
Total		1030	3163	1030	3163	1228	2085	1228	2085	2258	5248
Combined Total		4193		4193		3313		3313		7506	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	248	-	-	-	292	-	-	-	-	-
P.H.F.		0.886				0.745					
PM Peak	-	-	03:15	-	-	-	03:00	-	-	-	-
Vol.	-	-	468	-	-	-	315	-	-	-	-
P.H.F.			0.983				0.895				
Percentage		24.6%	75.4%			37.1%	62.9%				
ADT/AADT		ADT 7,506		AADT 7,506							

Counts Unlimited, Inc.

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City of Redlands
Colton Avenue
B/ Grove Street - Lincoln Street
24 Hour Directional Volume Count

RED031
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	56			2	79				
12:15		8	73			2	52				
12:30		5	59			4	76				
12:45		5	48	28	236	3	58	11	265	39	501
01:00		4	60			3	61				
01:15		4	56			2	69				
01:30		10	58			3	55				
01:45		5	55	23	229	2	63	10	248	33	477
02:00		10	64			3	56				
02:15		6	68			5	55				
02:30		4	75			3	56				
02:45		5	88	25	295	3	57	14	224	39	519
03:00		3	92			4	**71**				
03:15		2	90			3	**68**				
03:30		2	92			13	**97**				
03:45		4	93	11	367	2	**67**	22	303	33	670
04:00		5	91			12	60				
04:15		2	73			15	65				
04:30		3	85			19	70				
04:45		4	80	14	329	20	56	66	251	80	580
05:00		6	**101**			20	57				
05:15		10	**97**			30	54				
05:30		14	**94**			29	53				
05:45		18	**108**	48	400	27	70	106	234	154	634
06:00		13	92			25	79				
06:15		15	92			40	57				
06:30		17	67			86	60				
06:45		24	73	69	324	73	53	224	249	293	573
07:00		36	68			82	58				
07:15		27	53			89	43				
07:30		**57**	67			**108**	47				
07:45		**46**	48	166	236	**109**	33	388	181	554	417
08:00		**72**	43			**99**	40				
08:15		**79**	53			**108**	30				
08:30		34	48			90	24				
08:45		43	46	228	190	62	16	359	110	587	300
09:00		32	28			55	26				
09:15		23	33			52	15				
09:30		38	30			59	28				
09:45		24	23	117	114	57	20	223	89	340	203
10:00		22	20			49	17				
10:15		39	20			38	11				
10:30		42	16			46	16				
10:45		30	13	133	69	50	10	183	54	316	123
11:00		40	12			57	6				
11:15		46	9			60	7				
11:30		56	9			50	3				
11:45		58	3	200	33	58	3	225	19	425	52
Total		1062	2822	1062	2822	1831	2227	1831	2227	2893	5049
Combined Total		3884		3884		4058		4058		7942	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	254	-	-	-	424	-	-	-	-	-
P.H.F.		0.804				0.972					
PM Peak	-	-	05:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	400	-	-	-	303	-	-	-	-
P.H.F.			0.926				0.781				
Percentage		27.3%	72.7%			45.1%	54.9%				
ADT/AADT		ADT 7,942		AADT 7,942							

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City of Redlands
Colton Avenue
B/ Dearborn Street - Wabash Avenue
24 Hour Directional Volume Count

RED032
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	46			2	51				
12:15		6	46			2	47				
12:30		5	52			6	57				
12:45		4	39	22	183	5	53	15	208	37	391
01:00		3	47			1	41				
01:15		2	39			2	55				
01:30		6	50			3	46				
01:45		2	43	13	179	2	46	8	188	21	367
02:00		6	48			3	38				
02:15		2	46			2	39				
02:30		4	56			3	52				
02:45		3	**81**	15	231	2	44	10	173	25	404
03:00		2	**82**			1	**62**				
03:15		4	**113**			7	**84**				
03:30		3	**86**			9	**119**				
03:45		5	72	14	353	0	**58**	17	323	31	676
04:00		4	67			6	42				
04:15		2	66			6	54				
04:30		4	59			14	66				
04:45		6	57	16	249	15	48	41	210	57	459
05:00		8	69			15	53				
05:15		11	71			17	54				
05:30		13	73			22	44				
05:45		17	74	49	287	14	48	68	199	117	486
06:00		17	63			17	64				
06:15		21	60			25	43				
06:30		18	60			58	57				
06:45		29	51	85	234	41	40	141	204	226	438
07:00		45	50			64	31				
07:15		47	48			82	34				
07:30		**56**	51			**82**	34				
07:45		**97**	40	245	189	**101**	44	329	143	574	332
08:00		**118**	53			**107**	42				
08:15		**91**	48			**96**	28				
08:30		56	30			67	23				
08:45		38	45	303	176	47	15	317	108	620	284
09:00		42	24			47	17				
09:15		24	25			37	15				
09:30		32	18			37	15				
09:45		19	22	117	89	45	14	166	61	283	150
10:00		31	16			30	12				
10:15		24	14			32	6				
10:30		35	13			36	10				
10:45		30	13	120	56	43	10	141	38	261	94
11:00		43	4			47	7				
11:15		34	2			42	0				
11:30		42	6			37	3				
11:45		55	4	174	16	63	3	189	13	363	29
Total		1173	2242	1173	2242	1442	1868	1442	1868	2615	4110
Combined Total		3415		3415		3310		3310		6725	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	362	-	-	-	386	-	-	-	-	-
P.H.F.		0.767				0.902					
PM Peak	-	-	02:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	362	-	-	-	323	-	-	-	-
P.H.F.			0.801				0.679				
Percentage		34.3%	65.7%			43.6%	56.4%				
ADT/AADT		ADT 6,725		AADT 6,725							

Counts Unlimited, Inc.

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City of Redlands
Crescent Avenue
B/ Ramona Drive - Serpentine Drive
24 Hour Directional Volume Count

RED033
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	14			1	6				
12:15		0	10			0	9				
12:30		0	7			0	7				
12:45		0	9	0	40	0	9	1	31	1	71
01:00		0	9			0	9				
01:15		0	6			0	17				
01:30		0	14			1	**11**				
01:45		1	21	1	50	0	**20**	1	57	2	107
02:00		0	10			0	**19**				
02:15		0	17			0	**19**				
02:30		1	11			0	6				
02:45		1	18	2	56	1	13	1	57	3	113
03:00		1	14			0	15				
03:15		0	9			0	14				
03:30		0	22			0	14				
03:45		0	28	1	73	0	15	0	58	1	131
04:00		1	19			0	19				
04:15		0	16			0	10				
04:30		3	18			1	10				
04:45		3	20	7	73	2	7	3	46	10	119
05:00		1	**35**			1	12				
05:15		2	**20**			0	13				
05:30		4	**24**			6	14				
05:45		2	**25**	9	104	7	11	14	50	23	154
06:00		1	16			5	13				
06:15		4	17			10	7				
06:30		3	18			9	5				
06:45		10	10	18	61	17	7	41	32	59	93
07:00		11	13			14	11				
07:15		**17**	11			26	9				
07:30		**24**	9			**47**	6				
07:45		**12**	9	64	42	**35**	1	122	27	186	69
08:00		**16**	7			**19**	8				
08:15		16	3			**32**	7				
08:30		11	9			16	10				
08:45		9	6	52	25	20	5	87	30	139	55
09:00		9	0			11	6				
09:15		11	9			7	5				
09:30		7	1			11	3				
09:45		6	3	33	13	12	1	41	15	74	28
10:00		10	4			10	3				
10:15		7	3			9	1				
10:30		6	3			6	0				
10:45		12	0	35	10	12	0	37	4	72	14
11:00		8	0			11	0				
11:15		8	0			8	1				
11:30		17	2			15	1				
11:45		12	1	45	3	10	0	44	2	89	5
Total		267	550	267	550	392	409	392	409	659	959
Combined Total		817		817		801		801		1618	
AM Peak	-	07:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	69	-	-	-	133	-	-	-	-	-
P.H.F.		0.719				0.707					
PM Peak	-	-	05:00	-	-	-	01:30	-	-	-	-
Vol.	-	-	104	-	-	-	69	-	-	-	-
P.H.F.			0.743				0.863				
Percentage		32.7%	67.3%			48.9%	51.1%				
ADT/AADT		ADT 1,618		AADT 1,618							

Counts Unlimited, Inc.

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City of Redlands
Crestview Road
B/ Ford Street - Buckingham Drive
24 Hour Directional Volume Count

RED034
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	5			0	1				
12:15		0	3			0	0				
12:30		1	5			0	3				
12:45		0	6	1	19	0	1	0	5	1	24
01:00		0	4			0	5				
01:15		0	5			0	2				
01:30		0	5			0	6				
01:45		0	**3**	0	17	0	3	0	16	0	33
02:00		0	**3**			0	5				
02:15		0	**12**			0	3				
02:30		0	**7**			0	3				
02:45		1	2	1	24	0	2	0	13	1	37
03:00		0	4			0	1				
03:15		0	7			0	**10**				
03:30		0	1			0	**3**				
03:45		1	5	1	17	0	**6**	0	20	1	37
04:00		0	3			0	**3**				
04:15		0	5			0	3				
04:30		0	3			0	3				
04:45		0	6	0	17	0	0	0	9	0	26
05:00		0	7			0	3				
05:15		0	5			0	4				
05:30		0	4			0	2				
05:45		0	2	0	18	1	3	1	12	1	30
06:00		1	2			2	6				
06:15		2	2			0	1				
06:30		1	4			0	1				
06:45		5	4	9	12	2	2	4	10	13	22
07:00		7	1			1	1				
07:15		2	2			0	0				
07:30		**4**	0			**5**	1				
07:45		**8**	2	21	5	**4**	0	10	2	31	7
08:00		**15**	1			**8**	2				
08:15		**8**	0			**4**	0				
08:30		4	0			3	1				
08:45		3	4	30	5	0	1	15	4	45	9
09:00		4	3			0	0				
09:15		1	0			1	1				
09:30		3	1			0	0				
09:45		5	0	13	4	4	1	5	2	18	6
10:00		3	0			3	0				
10:15		4	0			1	1				
10:30		5	1			2	1				
10:45		1	0	13	1	3	2	9	4	22	5
11:00		4	1			6	0				
11:15		3	0			2	0				
11:30		2	1			2	1				
11:45		1	0	10	2	2	0	12	1	22	3
Total		99	141	99	141	56	98	56	98	155	239
Combined Total		240		240		154		154		394	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	35	-	-	-	21	-	-	-	-	-
P.H.F.		0.583				0.656					
PM Peak	-	-	01:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	25	-	-	-	22	-	-	-	-
P.H.F.			0.521				0.550				
Percentage		41.3%	58.8%			36.4%	63.6%				
ADT/AADT		ADT 394		AADT 394							

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City of Redlands
Cypress Avenue
B/ Terracina Boulevard - Center Street
24 Hour Directional Volume Count

RED035
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	47			0	33				
12:15		1	**65**			3	25				
12:30		2	**96**			1	41				
12:45		5	**78**	11	286	1	**219**	5	318	16	604
01:00		3	**55**			0	**81**				
01:15		2	30			3	**37**				
01:30		2	29			2	**43**				
01:45		3	43	10	157	2	46	7	207	17	364
02:00		3	64			1	44				
02:15		0	48			2	37				
02:30		3	45			3	36				
02:45		0	48	6	205	0	26	6	143	12	348
03:00		2	56			2	38				
03:15		4	40			2	41				
03:30		3	52			1	69				
03:45		1	44	10	192	2	45	7	193	17	385
04:00		0	42			0	38				
04:15		3	45			4	32				
04:30		3	70			5	36				
04:45		5	65	11	222	7	40	16	146	27	368
05:00		6	77			3	30				
05:15		5	76			6	31				
05:30		6	55			12	34				
05:45		5	50	22	258	16	33	37	128	59	386
06:00		9	48			14	38				
06:15		11	35			21	22				
06:30		20	39			31	44				
06:45		16	30	56	152	44	38	110	142	166	294
07:00		30	21			33	24				
07:15		29	26			56	20				
07:30		45	25			57	21				
07:45		**79**	25	183	97	**94**	22	240	87	423	184
08:00		**91**	21			**110**	21				
08:15		**98**	13			**185**	22				
08:30		**87**	21			**172**	19				
08:45		37	18	313	73	61	12	528	74	841	147
09:00		27	15			30	7				
09:15		27	11			26	9				
09:30		30	9			24	10				
09:45		28	10	112	45	24	7	104	33	216	78
10:00		37	9			42	4				
10:15		27	8			33	8				
10:30		26	8			27	3				
10:45		28	4	118	29	24	4	126	19	244	48
11:00		31	4			25	2				
11:15		29	7			32	2				
11:30		25	2			30	3				
11:45		47	4	132	17	30	4	117	11	249	28
Total		984	1733	984	1733	1303	1501	1303	1501	2287	3234
Combined Total		2717		2717		2804		2804		5521	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	355	-	-	-	561	-	-	-	-	-
P.H.F.		0.906				0.758					
PM Peak	-	-	00:15	-	-	-	00:45	-	-	-	-
Vol.	-	-	294	-	-	-	380	-	-	-	-
P.H.F.			0.766				0.434				
Percentage		36.2%	63.8%			46.5%	53.5%				
ADT/AADT		ADT 5,521		AADT 5,521							

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City of Redlands
Cypress Avenue
B/ Center Street - Redlands Boulevard
24 Hour Directional Volume Count

RED036
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	60			2	43				
12:15		5	50			0	62				
12:30		1	55			6	89				
12:45		2	102	14	267	4	67	12	261	26	528
01:00		0	64			1	54				
01:15		5	55			3	66				
01:30		2	61			3	74				
01:45		3	52	10	232	1	69	8	263	18	495
02:00		2	68			2	60				
02:15		0	68			4	61				
02:30		4	52			2	61				
02:45		2	76	8	264	1	50	9	232	17	496
03:00		1	82			2	66				
03:15		1	80			2	**64**				
03:30		2	85			4	**113**				
03:45		3	76	7	323	3	**82**	11	325	18	648
04:00		1	73			2	**69**				
04:15		4	76			6	50				
04:30		5	**91**			6	61				
04:45		2	**85**	12	325	6	51	20	231	32	556
05:00		8	**95**			7	57				
05:15		10	**98**			10	55				
05:30		13	79			14	60				
05:45		12	66	43	338	21	62	52	234	95	572
06:00		14	68			19	56				
06:15		23	62			31	50				
06:30		39	46			48	65				
06:45		41	54	117	230	74	74	172	245	289	475
07:00		32	34			57	33				
07:15		38	43			82	36				
07:30		58	37			101	41				
07:45		**67**	37	195	151	**178**	39	418	149	613	300
08:00		**95**	31			**102**	38				
08:15		**92**	13			**151**	38				
08:30		**78**	19			**125**	24				
08:45		44	22	309	85	55	21	433	121	742	206
09:00		38	24			44	17				
09:15		33	12			62	21				
09:30		37	17			41	20				
09:45		36	13	144	66	49	13	196	71	340	137
10:00		42	13			55	13				
10:15		35	12			55	10				
10:30		35	7			46	6				
10:45		40	11	152	43	42	10	198	39	350	82
11:00		58	4			34	3				
11:15		50	7			44	6				
11:30		47	6			59	6				
11:45		62	9	217	26	62	5	199	20	416	46
Total		1228	2350	1228	2350	1728	2191	1728	2191	2956	4541
Combined Total		3578		3578		3919		3919		7497	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	332	-	-	-	556	-	-	-	-	-
P.H.F.		0.874				0.781					
PM Peak	-	-	04:30	-	-	-	03:15	-	-	-	-
Vol.	-	-	369	-	-	-	328	-	-	-	-
P.H.F.			0.941				0.726				
Percentage		34.3%	65.7%			44.1%	55.9%				
ADT/AADT		ADT 7,497		AADT 7,497							

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City of Redlands
Cypress Avenue
B/ Redlands Boulevard - Citrus Avenue
24 Hour Directional Volume Count

RED037
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	58			3	51				
12:15		4	49			2	60				
12:30		6	60			3	47				
12:45		4	69	19	236	1	48	9	206	28	442
01:00		4	59			3	45				
01:15		2	68			2	54				
01:30		5	80			1	43				
01:45		6	71	17	278	0	42	6	184	23	462
02:00		5	66			3	63				
02:15		3	80			0	81				
02:30		1	77			3	47				
02:45		3	71	12	294	1	58	7	249	19	543
03:00		1	**78**			1	59				
03:15		4	**123**			3	**84**				
03:30		2	**110**			1	**115**				
03:45		5	**72**	12	383	4	**77**	9	335	21	718
04:00		4	76			1	**66**				
04:15		6	54			5	45				
04:30		6	63			6	66				
04:45		19	65	35	258	8	74	20	251	55	509
05:00		7	64			7	80				
05:15		8	80			5	56				
05:30		12	58			17	69				
05:45		20	65	47	267	8	69	37	274	84	541
06:00		31	56			21	67				
06:15		26	59			23	54				
06:30		34	52			32	45				
06:45		65	51	156	218	36	41	112	207	268	425
07:00		51	48			46	46				
07:15		83	45			47	33				
07:30		**120**	37			44	38				
07:45		**119**	38	373	168	**82**	32	219	149	592	317
08:00		**129**	39			**82**	35				
08:15		**161**	40			**90**	22				
08:30		96	25			**74**	23				
08:45		85	26	471	130	39	17	285	97	756	227
09:00		56	23			39	27				
09:15		64	24			42	23				
09:30		50	22			47	22				
09:45		64	21	234	90	34	12	162	84	396	174
10:00		55	15			45	9				
10:15		67	12			35	6				
10:30		58	10			36	11				
10:45		57	11	237	48	39	1	155	27	392	75
11:00		56	6			53	7				
11:15		48	7			51	6				
11:30		63	5			56	8				
11:45		75	8	242	26	47	11	207	32	449	58
Total		1855	2396	1855	2396	1228	2095	1228	2095	3083	4491
Combined Total		4251		4251		3323		3323		7574	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	529	-	-	-	328	-	-	-	-	-
P.H.F.		0.821				0.911					
PM Peak	-	-	03:00	-	-	-	03:15	-	-	-	-
Vol.	-	-	383	-	-	-	342	-	-	-	-
P.H.F.			0.778				0.743				
Percentage		43.6%	56.4%			37.0%	63.0%				
ADT/AADT		ADT 7,574		AADT 7,574							

Counts Unlimited, Inc.

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City of Redlands
Dearborn Street
B/ Fifth Avenue - Colton Avenue
24 Hour Directional Volume Count

RED038
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	56			1	54				
12:15		3	30			2	29				
12:30		4	33			3	33				
12:45		0	34	9	153	0	38	6	154	15	307
01:00		1	42			0	24				
01:15		0	27			1	30				
01:30		3	33			3	30				
01:45		2	26	6	128	1	39	5	123	11	251
02:00		3	39			2	23				
02:15		1	30			1	24				
02:30		1	31			1	42				
02:45		1	43	6	143	0	**45**	4	134	10	277
03:00		0	**37**			1	**56**				
03:15		0	**90**			3	**52**				
03:30		0	**71**			1	**61**				
03:45		1	**44**	1	242	1	44	6	213	7	455
04:00		2	36			5	31				
04:15		2	47			4	35				
04:30		1	40			2	28				
04:45		3	57	8	180	6	48	17	142	25	322
05:00		1	54			5	36				
05:15		5	44			5	37				
05:30		1	41			3	38				
05:45		2	44	9	183	12	31	25	142	34	325
06:00		5	42			10	50				
06:15		11	43			16	42				
06:30		5	32			17	36				
06:45		21	35	42	152	23	31	66	159	108	311
07:00		19	35			45	25				
07:15		29	35			44	25				
07:30		**58**	31			51	15				
07:45		**68**	29	174	130	**64**	21	204	86	378	216
08:00		**51**	25			**59**	8				
08:15		**62**	24			**75**	20				
08:30		54	18			**58**	15				
08:45		30	32	197	99	36	13	228	56	425	155
09:00		21	26			16	9				
09:15		20	12			25	9				
09:30		18	16			35	5				
09:45		19	16	78	70	28	5	104	28	182	98
10:00		18	11			27	6				
10:15		23	12			33	3				
10:30		24	6			17	6				
10:45		29	8	94	37	32	3	109	18	203	55
11:00		29	3			34	5				
11:15		38	2			28	3				
11:30		46	5			26	3				
11:45		54	7	167	17	38	7	126	18	293	35
Total		791	1534	791	1534	900	1273	900	1273	1691	2807
Combined Total		2325		2325		2173		2173		4498	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	239	-	-	-	256	-	-	-	-	-
P.H.F.		0.879				0.853					
PM Peak	-	-	03:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	242	-	-	-	214	-	-	-	-
P.H.F.			0.672				0.877				
Percentage		34.0%	66.0%			41.4%	58.6%				
ADT/AADT		ADT 4,498		AADT 4,498							

Counts Unlimited, Inc.

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City of Redlands
Dearborn Street
B/ Colton Avenue - Lugonia Avenue
24 Hour Directional Volume Count

RED039
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	15			4	26				
12:15		2	25			1	17				
12:30		2	48			1	20				
12:45		3	24	9	112	0	20	6	83	15	195
01:00		1	21			2	22				
01:15		1	19			0	25				
01:30		0	18			2	22				
01:45		3	23	5	81	3	19	7	88	12	169
02:00		2	22			1	20				
02:15		0	25			0	20				
02:30		0	24			0	23				
02:45		0	14	2	85	3	18	4	81	6	166
03:00		1	8			1	11				
03:15		2	26			0	29				
03:30		0	29			1	**44**				
03:45		3	42	6	105	0	**33**	2	117	8	222
04:00		0	61			0	**39**				
04:15		2	25			1	**33**				
04:30		1	30			3	33				
04:45		0	19	3	135	3	33	7	138	10	273
05:00		3	17			2	25				
05:15		1	**42**			1	29				
05:30		1	**51**			1	33				
05:45		4	**33**	9	143	3	26	7	113	16	256
06:00		3	**33**			3	36				
06:15		5	39			4	27				
06:30		3	27			10	53				
06:45		7	36	18	135	15	26	32	142	50	277
07:00		8	19			11	31				
07:15		11	27			22	26				
07:30		12	21			21	15				
07:45		30	24	61	91	31	22	85	94	146	185
08:00		**37**	14			**50**	34				
08:15		**43**	8			**33**	15				
08:30		**26**	15			**43**	24				
08:45		**45**	11	151	48	**57**	15	183	88	334	136
09:00		32	10			35	9				
09:15		10	19			21	10				
09:30		11	16			8	9				
09:45		14	7	67	52	16	14	80	42	147	94
10:00		12	9			20	7				
10:15		20	5			16	4				
10:30		13	5			15	9				
10:45		14	7	59	26	21	6	72	26	131	52
11:00		15	4			12	2				
11:15		25	5			22	4				
11:30		26	2			27	4				
11:45		18	3	84	14	18	1	79	11	163	25
Total		474	1027	474	1027	564	1023	564	1023	1038	2050
Combined Total		1501		1501		1587		1587		3088	
AM Peak	-	08:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	151	-	-	-	183	-	-	-	-	-
P.H.F.		0.839				0.803					
PM Peak	-	-	05:15	-	-	-	03:30	-	-	-	-
Vol.	-	-	159	-	-	-	149	-	-	-	-
P.H.F.			0.652				0.847				
Percentage		31.6%	68.4%			35.5%	64.5%				
ADT/AADT		ADT 3,088		AADT 3,088							

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City of Redlands
Dearborn Street
B/ Lugonia Avenue - San Bernardino Avenue
24 Hour Directional Volume Count

RED040
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	14			1	7				
12:15		2	16			0	13				
12:30		2	8			0	6				
12:45		0	6	4	44	0	11	1	37	5	81
01:00		1	11			1	3				
01:15		2	17			1	12				
01:30		0	12			0	7				
01:45		0	9	3	49	0	12	2	34	5	83
02:00		1	17			0	18				
02:15		0	17			1	10				
02:30		0	12			0	8				
02:45		3	12	4	58	0	15	1	51	5	109
03:00		1	13			0	13				
03:15		2	12			0	23				
03:30		1	24			0	17				
03:45		0	13	4	62	1	23	1	76	5	138
04:00		1	11			0	**23**				
04:15		0	13			1	**23**				
04:30		2	19			3	**23**				
04:45		0	22	3	65	1	**24**	5	93	8	158
05:00		2	28			3	8				
05:15		2	10			3	25				
05:30		3	**20**			1	15				
05:45		2	**27**	9	85	1	25	8	73	17	158
06:00		4	**25**			2	28				
06:15		8	**21**			5	16				
06:30		11	7			5	24				
06:45		9	15	32	68	6	16	18	84	50	152
07:00		13	9			11	9				
07:15		15	13			11	10				
07:30		**29**	10			**21**	21				
07:45		**15**	6	72	38	**18**	16	61	56	133	94
08:00		**17**	8			**18**	24				
08:15		**16**	10			**16**	8				
08:30		12	3			16	6				
08:45		10	5	55	26	15	4	65	42	120	68
09:00		6	5			4	6				
09:15		4	6			6	2				
09:30		10	6			10	2				
09:45		10	3	30	20	11	4	31	14	61	34
10:00		6	4			5	2				
10:15		10	2			8	5				
10:30		3	2			9	4				
10:45		15	0	34	8	8	1	30	12	64	20
11:00		12	2			11	0				
11:15		15	2			7	1				
11:30		10	0			3	2				
11:45		10	0	47	4	12	1	33	4	80	8
Total		297	527	297	527	256	576	256	576	553	1103
Combined Total		824		824		832		832		1656	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	77	-	-	-	73	-	-	-	-	-
P.H.F.		0.664				0.869					
PM Peak	-	-	05:30	-	-	-	04:00	-	-	-	-
Vol.	-	-	93	-	-	-	93	-	-	-	-
P.H.F.			0.861				0.969				
Percentage		36.0%	64.0%			30.8%	69.2%				
ADT/AADT		ADT 1,656		AADT 1,656							

Counts Unlimited, Inc.

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City of Redlands
Dearborn Street
B/ San Bernardino Avenue - Sessums Drive
24 Hour Directional Volume Count

RED041
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	9			0	4				
12:15		2	9			0	6				
12:30		1	5			1	9				
12:45		0	5	3	28	0	8	1	27	4	55
01:00		2	3			2	5				
01:15		0	11			0	8				
01:30		0	5			0	3				
01:45		0	11	2	30	0	7	2	23	4	53
02:00		1	8			0	8				
02:15		0	8			0	3				
02:30		0	6			0	6				
02:45		0	11	1	33	0	8	0	25	1	58
03:00		0	8			0	12				
03:15		0	8			0	14				
03:30		1	14			1	13				
03:45		0	7	1	37	0	16	1	55	2	92
04:00		0	9			2	19				
04:15		1	4			0	21				
04:30		0	11			0	17				
04:45		1	12	2	36	1	23	3	80	5	116
05:00		1	19			1	24				
05:15		2	13			0	22				
05:30		2	**23**			1	**21**				
05:45		0	**33**	5	88	2	**29**	4	96	9	184
06:00		2	**27**			3	**25**				
06:15		4	**29**			0	**26**				
06:30		6	13			4	14				
06:45		6	17	18	86	2	11	9	76	27	162
07:00		**9**	15			6	10				
07:15		**11**	5			4	17				
07:30		**7**	20			**8**	23				
07:45		**16**	19	43	59	**12**	24	30	74	73	133
08:00		9	9			**9**	33				
08:15		4	4			**8**	13				
08:30		7	3			4	12				
08:45		5	5	25	21	3	3	24	61	49	82
09:00		5	9			3	4				
09:15		5	2			5	3				
09:30		6	4			9	2				
09:45		5	4	21	19	5	3	22	12	43	31
10:00		5	4			7	2				
10:15		1	3			7	5				
10:30		1	4			8	3				
10:45		7	1	14	12	5	3	27	13	41	25
11:00		8	0			3	0				
11:15		6	3			4	1				
11:30		7	2			9	1				
11:45		5	1	26	6	4	2	20	4	46	10
Total		161	455	161	455	143	546	143	546	304	1001
Combined Total		616		616		689		689		1305	
AM Peak	-	07:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	43	-	-	-	37	-	-	-	-	-
P.H.F.		0.672				0.771					
PM Peak	-	-	05:30	-	-	-	05:30	-	-	-	-
Vol.	-	-	112	-	-	-	101	-	-	-	-
P.H.F.			0.848				0.871				
Percentage		26.1%	73.9%			20.8%	79.2%				
ADT/AADT		ADT 1,305		AADT 1,305							

Counts Unlimited, Inc.

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City of Redlands
Elizabeth Street
B/ Garden Street - Crescent Avenue
24 Hour Directional Volume Count

RED042
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	11			0	8				
12:15		1	7			0	9				
12:30		1	13			0	6				
12:45		0	12	2	43	0	7	0	30	2	73
01:00		0	7			0	5				
01:15		0	9			0	8				
01:30		0	7			0	9				
01:45		1	20	1	43	0	**22**	0	44	1	87
02:00		2	18			0	**40**				
02:15		0	9			0	**12**				
02:30		0	7			0	**18**				
02:45		0	11	2	45	0	8	0	78	2	123
03:00		0	17			1	9				
03:15		0	18			0	15				
03:30		1	13			1	11				
03:45		0	20	1	68	0	7	2	42	3	110
04:00		0	17			0	9				
04:15		0	18			0	12				
04:30		0	16			0	13				
04:45		0	22	0	73	0	11	0	45	0	118
05:00		1	23			1	8				
05:15		1	**31**			0	5				
05:30		1	**20**			1	6				
05:45		3	**27**	6	101	1	8	3	27	9	128
06:00		0	**24**			3	11				
06:15		2	16			10	8				
06:30		0	9			6	9				
06:45		5	5	7	54	20	6	39	34	46	88
07:00		8	10			12	9				
07:15		**15**	8			16	4				
07:30		**28**	7			**60**	5				
07:45		**19**	5	70	30	**34**	1	122	19	192	49
08:00		**11**	9			**22**	4				
08:15		9	5			**30**	6				
08:30		10	9			17	2				
08:45		10	2	40	25	10	2	79	14	119	39
09:00		11	3			14	2				
09:15		6	2			5	2				
09:30		11	1			11	4				
09:45		3	2	31	8	9	2	39	10	70	18
10:00		8	3			6	2				
10:15		7	2			8	0				
10:30		8	0			7	1				
10:45		6	2	29	7	7	1	28	4	57	11
11:00		7	2			7	1				
11:15		10	2			9	3				
11:30		8	0			4	0				
11:45		16	2	41	6	10	1	30	5	71	11
Total		230	503	230	503	342	352	342	352	572	855
Combined Total		733		733		694		694		1427	
AM Peak	-	07:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	73	-	-	-	146	-	-	-	-	-
P.H.F.		0.652				0.608					
PM Peak	-	-	05:15	-	-	-	01:45	-	-	-	-
Vol.	-	-	102	-	-	-	92	-	-	-	-
P.H.F.			0.823				0.575				
Percentage		31.4%	68.6%			49.3%	50.7%				
ADT/AADT		ADT 1,427		AADT 1,427							

Counts Unlimited, Inc.

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City of Redlands
Fern Avenue
B/ Redlands Boulevard - Cajon Street
24 Hour Directional Volume Count

RED043
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	29			0	41				
12:15		2	33			3	31				
12:30		1	30			1	28				
12:45		0	34	4	126	1	59	5	159	9	285
01:00		2	41			0	43				
01:15		2	48			1	32				
01:30		1	36			0	25				
01:45		1	50	6	175	1	41	2	141	8	316
02:00		1	32			2	55				
02:15		0	43			0	55				
02:30		2	43			0	36				
02:45		1	33	4	151	4	**60**	6	206	10	357
03:00		1	**28**			2	**68**				
03:15		0	**74**			1	**94**				
03:30		3	**95**			0	**74**				
03:45		0	**42**	4	239	2	51	5	287	9	526
04:00		1	23			2	41				
04:15		1	27			1	46				
04:30		0	30			2	48				
04:45		1	33	3	113	3	56	8	191	11	304
05:00		1	35			3	62				
05:15		2	25			6	49				
05:30		7	18			5	44				
05:45		10	30	20	108	7	46	21	201	41	309
06:00		2	28			8	39				
06:15		11	24			7	37				
06:30		15	27			12	30				
06:45		21	36	49	115	20	26	47	132	96	247
07:00		29	15			23	37				
07:15		45	24			27	31				
07:30		**62**	19			38	15				
07:45		**82**	20	218	78	**69**	18	157	101	375	179
08:00		**73**	12			**112**	22				
08:15		**94**	9			**113**	12				
08:30		42	21			**52**	19				
08:45		42	18	251	60	43	9	320	62	571	122
09:00		39	19			39	14				
09:15		27	13			29	7				
09:30		30	7			30	6				
09:45		38	9	134	48	47	10	145	37	279	85
10:00		33	6			34	4				
10:15		20	8			30	4				
10:30		36	5			28	1				
10:45		36	3	125	22	29	3	121	12	246	34
11:00		25	5			25	10				
11:15		26	2			31	5				
11:30		26	0			30	1				
11:45		29	0	106	7	27	2	113	18	219	25
Total		924	1242	924	1242	950	1547	950	1547	1874	2789
Combined Total		2166		2166		2497		2497		4663	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	311	-	-	-	346	-	-	-	-	-
P.H.F.		0.827				0.765					
PM Peak	-	-	03:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	239	-	-	-	296	-	-	-	-
P.H.F.			0.629				0.787				
Percentage		42.7%	57.3%			38.0%	62.0%				
ADT/AADT		ADT 4,663		AADT 4,663							

Counts Unlimited, Inc.

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City of Redlands
Fern Avenue
B/ Cajon Street - Center Street
24 Hour Directional Volume Count

RED044
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	31			0	35				
12:15		3	19			2	31				
12:30		1	26			2	34				
12:45		1	66	7	142	1	31	5	131	12	273
01:00		1	35			2	37				
01:15		1	25			1	42				
01:30		0	31			1	26				
01:45		1	30	3	121	1	40	5	145	8	266
02:00		2	40			1	35				
02:15		0	41			0	37				
02:30		0	33			1	28				
02:45		4	**51**	6	165	1	**38**	3	138	9	303
03:00		2	**59**			1	**33**				
03:15		1	**71**			0	**56**				
03:30		2	**53**			3	**89**				
03:45		2	45	7	228	0	30	4	208	11	436
04:00		1	40			1	38				
04:15		0	38			1	26				
04:30		1	43			0	35				
04:45		6	29	8	150	1	38	3	137	11	287
05:00		2	45			1	42				
05:15		5	32			2	36				
05:30		4	41			7	30				
05:45		4	44	15	162	5	29	15	137	30	299
06:00		4	28			3	21				
06:15		6	28			10	28				
06:30		7	15			9	25				
06:45		23	21	40	92	15	39	37	113	77	205
07:00		26	24			19	14				
07:15		29	21			30	21				
07:30		51	13			**41**	16				
07:45		**61**	11	167	69	**60**	15	150	66	317	135
08:00		**106**	13			**56**	11				
08:15		**74**	8			**82**	11				
08:30		**53**	7			34	17				
08:45		28	8	261	36	36	15	208	54	469	90
09:00		28	7			21	12				
09:15		32	4			23	12				
09:30		26	5			20	10				
09:45		32	6	118	22	27	4	91	38	209	60
10:00		40	5			30	11				
10:15		20	4			31	8				
10:30		18	2			30	5				
10:45		23	5	101	16	32	2	123	26	224	42
11:00		20	5			35	4				
11:15		25	3			26	1				
11:30		31	2			32	3				
11:45		23	2	99	12	35	1	128	9	227	21
Total		832	1215	832	1215	772	1202	772	1202	1604	2417
Combined Total		2047		2047		1974		1974		4021	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	294	-	-	-	239	-	-	-	-	-
P.H.F.		0.693				0.729					
PM Peak	-	-	02:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	234	-	-	-	216	-	-	-	-
P.H.F.			0.824				0.607				
Percentage		40.6%	59.4%			39.1%	60.9%				
ADT/AADT		ADT 4,021		AADT 4,021							

Counts Unlimited, Inc.

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City of Redlands
Fern Avenue
B/ Center Street - San Mateo Street
24 Hour Directional Volume Count

RED045
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	24			0	25				
12:15		1	**28**			1	26				
12:30		2	**52**			1	36				
12:45		2	**97**	6	201	1	56	3	143	9	344
01:00		1	**34**			0	36				
01:15		1	24			0	29				
01:30		0	29			1	26				
01:45		1	29	3	116	0	29	1	120	4	236
02:00		3	31			1	36				
02:15		2	42			1	41				
02:30		0	24			1	28				
02:45		3	41	8	138	1	**22**	4	127	12	265
03:00		1	45			1	**30**				
03:15		1	57			0	**42**				
03:30		2	45			3	**88**				
03:45		2	44	6	191	0	21	4	181	10	372
04:00		0	48			1	30				
04:15		1	37			1	23				
04:30		2	48			3	24				
04:45		5	27	8	160	2	22	7	99	15	259
05:00		4	50			1	35				
05:15		3	36			4	30				
05:30		6	37			10	26				
05:45		3	37	16	160	10	25	25	116	41	276
06:00		1	28			6	21				
06:15		3	28			10	21				
06:30		3	18			12	20				
06:45		18	25	25	99	19	30	47	92	72	191
07:00		23	19			23	13				
07:15		23	13			32	20				
07:30		48	10			48	11				
07:45		**56**	14	150	56	**63**	13	166	57	316	113
08:00		**100**	18			**53**	10				
08:15		**87**	16			**75**	7				
08:30		**64**	7			**51**	12				
08:45		25	8	276	49	38	10	217	39	493	88
09:00		28	10			25	13				
09:15		25	3			19	12				
09:30		23	5			30	7				
09:45		22	5	98	23	24	7	98	39	196	62
10:00		27	3			26	8				
10:15		23	5			25	2				
10:30		13	6			33	6				
10:45		17	6	80	20	29	3	113	19	193	39
11:00		16	5			24	4				
11:15		26	2			32	2				
11:30		29	4			17	1				
11:45		37	3	108	14	35	1	108	8	216	22
Total		784	1227	784	1227	793	1040	793	1040	1577	2267
Combined Total		2011		2011		1833		1833		3844	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	307	-	-	-	242	-	-	-	-	-
P.H.F.		0.768				0.807					
PM Peak	-	-	00:15	-	-	-	02:45	-	-	-	-
Vol.	-	-	211	-	-	-	182	-	-	-	-
P.H.F.			0.544				0.517				
Percentage		39.0%	61.0%			43.3%	56.7%				
ADT/AADT		ADT 3,844		AADT 3,844							

Counts Unlimited, Inc.

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City of Redlands
Fern Avenue
B/ San Mateo Street - Terracina Boulevard
24 Hour Directional Volume Count

RED046
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	25			1	26				
12:15		1	34			0	31				
12:30		4	45			1	17				
12:45		3	38	10	142	2	**67**	4	141	14	283
01:00		0	34			1	**37**				
01:15		1	27			0	**27**				
01:30		0	31			2	**22**				
01:45		1	34	2	126	0	29	3	115	5	241
02:00		2	47			2	29				
02:15		0	37			0	25				
02:30		0	29			1	27				
02:45		3	**55**	5	168	0	21	3	102	8	270
03:00		2	**46**			2	28				
03:15		2	**32**			0	24				
03:30		2	**62**			1	66				
03:45		2	54	8	194	2	28	5	146	13	340
04:00		2	39			1	28				
04:15		2	40			1	20				
04:30		2	45			4	30				
04:45		4	36	10	160	1	19	7	97	17	257
05:00		4	44			2	31				
05:15		4	46			2	25				
05:30		2	38			9	23				
05:45		4	38	14	166	4	25	17	104	31	270
06:00		6	23			7	26				
06:15		3	28			18	25				
06:30		13	23			18	18				
06:45		15	20	37	94	26	28	69	97	106	191
07:00		15	22			18	19				
07:15		30	15			39	12				
07:30		**43**	14			36	9				
07:45		**64**	12	152	63	**47**	14	140	54	292	117
08:00		**67**	14			**53**	8				
08:15		**61**	10			**51**	9				
08:30		32	10			**56**	13				
08:45		21	9	181	43	34	6	194	36	375	79
09:00		24	7			17	12				
09:15		25	6			16	11				
09:30		34	9			18	5				
09:45		29	10	112	32	35	5	86	33	198	65
10:00		25	3			24	8				
10:15		27	6			20	4				
10:30		11	3			34	5				
10:45		20	2	83	14	26	6	104	23	187	37
11:00		10	8			32	2				
11:15		24	5			24	5				
11:30		29	7			16	1				
11:45		31	4	94	24	28	0	100	8	194	32
Total		708	1226	708	1226	732	956	732	956	1440	2182
Combined Total		1934		1934		1688		1688		3622	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	235	-	-	-	207	-	-	-	-	-
P.H.F.		0.877				0.924					
PM Peak	-	-	02:45	-	-	-	00:45	-	-	-	-
Vol.	-	-	195	-	-	-	153	-	-	-	-
P.H.F.			0.786				0.571				
Percentage		36.6%	63.4%			43.4%	56.6%				
ADT/AADT		ADT 3,622		AADT 3,622							

Counts Unlimited, Inc.

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City of Redlands
Fifth Avenue
B/ Ford Street - Dearborn Street
24 Hour Directional Volume Count

RED047
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	39			2	70				
12:15		3	59			2	75				
12:30		3	74			1	71				
12:45		3	80	15	252	2	88	7	304	22	556
01:00		2	47			0	84				
01:15		4	51			1	55				
01:30		2	58			3	70				
01:45		1	68	9	224	0	60	4	269	13	493
02:00		1	64			0	74				
02:15		0	68			0	72				
02:30		1	72			0	72				
02:45		1	82	3	286	0	59	0	277	3	563
03:00		1	96			1	**81**				
03:15		1	78			4	**105**				
03:30		0	89			2	**77**				
03:45		2	95	4	358	0	**65**	7	328	11	686
04:00		3	91			3	55				
04:15		0	76			5	66				
04:30		2	74			4	70				
04:45		7	**112**	12	353	4	66	16	257	28	610
05:00		4	**110**			12	61				
05:15		10	**141**			10	64				
05:30		16	**94**			16	61				
05:45		9	109	39	454	20	67	58	253	97	707
06:00		14	93			21	64				
06:15		15	98			38	68				
06:30		19	63			42	67				
06:45		29	94	77	348	72	46	173	245	250	593
07:00		37	55			78	59				
07:15		54	55			97	50				
07:30		52	56			136	46				
07:45		**96**	54	239	220	**137**	33	448	188	687	408
08:00		**122**	46			**129**	37				
08:15		**88**	42			**163**	37				
08:30		**58**	47			**158**	29				
08:45		60	35	328	170	66	42	516	145	844	315
09:00		40	31			53	31				
09:15		49	33			42	25				
09:30		67	20			62	24				
09:45		61	12	217	96	63	17	220	97	437	193
10:00		31	6			53	17				
10:15		36	12			54	7				
10:30		50	5			62	5				
10:45		42	13	159	36	36	12	205	41	364	77
11:00		59	11			38	5				
11:15		48	8			60	8				
11:30		47	4			75	3				
11:45		45	10	199	33	54	3	227	19	426	52
Total		1301	2830	1301	2830	1881	2423	1881	2423	3182	5253
Combined Total		4131		4131		4304		4304		8435	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	364	-	-	-	587	-	-	-	-	-
P.H.F.		0.746				0.900					
PM Peak	-	-	04:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	457	-	-	-	328	-	-	-	-
P.H.F.			0.810				0.781				
Percentage		31.5%	68.5%			43.7%	56.3%				
ADT/AADT		ADT 8,435		AADT 8,435							

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City of Redlands
Fifth Avenue
B/ Dearborn Street - Fifth Avenue
24 Hour Directional Volume Count

RED048
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	34			2	62				
12:15		4	54			2	**56**				
12:30		2	63			1	**51**				
12:45		1	63	11	214	2	**74**	7	243	18	457
01:00		1	41			0	**86**				
01:15		3	34			0	46				
01:30		1	42			1	55				
01:45		0	50	5	167	0	50	1	237	6	404
02:00		1	54			1	53				
02:15		0	53			0	63				
02:30		0	51			0	68				
02:45		0	51	1	209	0	47	1	231	2	440
03:00		1	54			1	75				
03:15		0	86			2	60				
03:30		0	81			2	47				
03:45		1	68	2	289	0	48	5	230	7	519
04:00		3	86			1	49				
04:15		0	65			0	54				
04:30		2	59			3	56				
04:45		6	**96**	11	306	2	47	6	206	17	512
05:00		6	**100**			5	50				
05:15		8	**112**			8	50				
05:30		19	**81**			10	43				
05:45		8	92	41	385	17	49	40	192	81	577
06:00		14	71			16	45				
06:15		13	83			20	50				
06:30		20	60			29	48				
06:45		29	54	76	268	40	49	105	192	181	460
07:00		34	48			47	43				
07:15		46	41			77	41				
07:30		49	52			**104**	25				
07:45		**62**	35	191	176	**105**	24	333	133	524	309
08:00		**100**	34			**93**	35				
08:15		**78**	30			**112**	34				
08:30		**52**	27			81	32				
08:45		52	24	282	115	42	39	328	140	610	255
09:00		35	18			36	27				
09:15		44	24			34	27				
09:30		54	16			49	22				
09:45		53	10	186	68	51	17	170	93	356	161
10:00		27	6			42	17				
10:15		23	11			39	6				
10:30		32	5			44	6				
10:45		38	11	120	33	32	9	157	38	277	71
11:00		39	10			30	7				
11:15		39	6			44	4				
11:30		40	2			56	3				
11:45		34	9	152	27	53	2	183	16	335	43
Total		1078	2257	1078	2257	1336	1951	1336	1951	2414	4208
Combined Total		3335		3335		3287		3287		6622	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	292	-	-	-	414	-	-	-	-	-
P.H.F.		0.730				0.924					
PM Peak	-	-	04:45	-	-	-	00:15	-	-	-	-
Vol.	-	-	389	-	-	-	267	-	-	-	-
P.H.F.			0.868				0.776				
Percentage		32.3%	67.7%			40.6%	59.4%				
ADT/AADT		ADT 6,622		AADT 6,622							

Counts Unlimited, Inc.

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City of Redlands
Ford Street
B/ Citrus Avenue - Fifth Avenue
24 Hour Directional Volume Count

RED049
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	57			4	20				
12:15		1	36			8	24				
12:30		3	40			1	34				
12:45		0	38	6	171	1	42	14	120	20	291
01:00		1	32			0	37				
01:15		2	36			1	35				
01:30		1	29			1	43				
01:45		0	39	4	136	2	27	4	142	8	278
02:00		5	61			1	37				
02:15		0	33			0	31				
02:30		1	51			0	40				
02:45		0	38	6	183	1	**55**	2	163	8	346
03:00		3	52			2	**70**				
03:15		0	**105**			0	**56**				
03:30		1	**73**			1	**47**				
03:45		3	**56**	7	286	4	47	7	220	14	506
04:00		1	**54**			1	56				
04:15		0	46			2	53				
04:30		1	49			2	47				
04:45		2	64	4	213	4	44	9	200	13	413
05:00		4	57			6	57				
05:15		8	49			8	53				
05:30		4	57			7	51				
05:45		9	59	25	222	19	59	40	220	65	442
06:00		13	57			6	46				
06:15		13	38			19	40				
06:30		20	33			24	42				
06:45		23	34	69	162	34	33	83	161	152	323
07:00		28	41			33	27				
07:15		38	24			42	27				
07:30		47	45			49	22				
07:45		**77**	29	190	139	**49**	29	173	105	363	244
08:00		**77**	36			**61**	20				
08:15		**81**	25			**83**	25				
08:30		**89**	22			**77**	18				
08:45		42	20	289	103	26	20	247	83	536	186
09:00		33	14			33	14				
09:15		28	14			18	16				
09:30		30	11			36	9				
09:45		43	15	134	54	30	8	117	47	251	101
10:00		32	11			37	4				
10:15		27	11			31	6				
10:30		35	16			24	1				
10:45		31	3	125	41	33	5	125	16	250	57
11:00		37	11			26	8				
11:15		44	3			38	6				
11:30		43	1			38	2				
11:45		37	4	161	19	41	1	143	17	304	36
Total		1020	1729	1020	1729	964	1494	964	1494	1984	3223
Combined Total		2749		2749		2458		2458		5207	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	324	-	-	-	270	-	-	-	-	-
P.H.F.		0.910				0.813					
PM Peak	-	-	03:15	-	-	-	02:45	-	-	-	-
Vol.	-	-	288	-	-	-	228	-	-	-	-
P.H.F.			0.686				0.814				
Percentage		37.1%	62.9%			39.2%	60.8%				
ADT/AADT		ADT 5,207		AADT 5,207							

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City of Redlands
Ford Street
B/ Fifth Avenue - Reservoir Road
24 Hour Directional Volume Count

RED050
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	94			2	50				
12:15		2	51			5	51				
12:30		2	60			1	49				
12:45		2	64	12	269	1	44	9	194	21	463
01:00		5	53			0	48				
01:15		5	64			3	44				
01:30		2	61			2	51				
01:45		3	64	15	242	4	44	9	187	24	429
02:00		6	71			0	48				
02:15		1	51			2	70				
02:30		1	69			0	49				
02:45		1	**89**	9	280	1	48	3	215	12	495
03:00		3	**114**			4	**57**				
03:15		0	**98**			0	**109**				
03:30		2	**70**			3	**106**				
03:45		2	85	7	367	6	**67**	13	339	20	706
04:00		4	69			3	48				
04:15		0	62			9	53				
04:30		2	72			8	55				
04:45		4	77	10	280	8	53	28	209	38	489
05:00		4	74			15	70				
05:15		9	54			16	77				
05:30		8	75			18	48				
05:45		17	90	38	293	23	55	72	250	110	543
06:00		16	76			29	61				
06:15		16	51			53	49				
06:30		29	66			59	67				
06:45		26	54	87	247	65	57	206	234	293	481
07:00		44	44			73	53				
07:15		37	51			92	49				
07:30		77	59			107	38				
07:45		**100**	55	258	209	**97**	44	369	184	627	393
08:00		**136**	51			**87**	36				
08:15		**91**	40			**94**	34				
08:30		**78**	26			**124**	22				
08:45		42	40	347	157	68	23	373	115	720	272
09:00		51	22			46	24				
09:15		44	19			33	21				
09:30		51	20			53	21				
09:45		48	20	194	81	51	40	183	106	377	187
10:00		35	19			51	14				
10:15		29	17			52	13				
10:30		60	18			48	8				
10:45		41	13	165	67	48	6	199	41	364	108
11:00		54	16			38	9				
11:15		55	6			64	11				
11:30		63	5			57	7				
11:45		52	6	224	33	69	3	228	30	452	63
Total		1366	2525	1366	2525	1692	2104	1692	2104	3058	4629
Combined Total		3891		3891		3796		3796		7687	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	405	-	-	-	402	-	-	-	-	-
P.H.F.		0.744				0.810					
PM Peak	-	-	02:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	371	-	-	-	339	-	-	-	-
P.H.F.			0.814				0.778				
Percentage		35.1%	64.9%			44.6%	55.4%				
ADT/AADT		ADT 7,687		AADT 7,687							

Counts Unlimited, Inc.

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City of Redlands
Ford Street
B/ Reservoir Road - Sunset Drive
24 Hour Directional Volume Count

RED051
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	123			5	53				
12:15		3	66			4	69				
12:30		2	57			4	72				
12:45		3	76	11	322	8	68	21	262	32	584
01:00		1	61			1	62				
01:15		1	75			0	74				
01:30		2	58			1	68				
01:45		3	67	7	261	2	89	4	293	11	554
02:00		1	108			0	63				
02:15		0	73			1	68				
02:30		1	**88**			2	86				
02:45		0	**73**	2	342	0	89	3	306	5	648
03:00		2	**116**			2	77				
03:15		3	**93**			1	**81**				
03:30		4	78			0	**110**				
03:45		2	76	11	363	0	**94**	3	362	14	725
04:00		6	86			0	**79**				
04:15		1	75			2	77				
04:30		5	99			4	76				
04:45		7	90	19	350	3	70	9	302	28	652
05:00		8	79			8	60				
05:15		16	59			15	74				
05:30		19	84			4	90				
05:45		34	69	77	291	4	107	31	331	108	622
06:00		29	72			6	72				
06:15		32	74			14	72				
06:30		48	44			14	57				
06:45		58	50	167	240	54	54	88	255	255	495
07:00		70	58			64	64				
07:15		87	54			93	61				
07:30		**151**	59			**108**	45				
07:45		**153**	42	461	213	**133**	61	398	231	859	444
08:00		**135**	25			**93**	42				
08:15		**103**	27			**96**	34				
08:30		75	22			88	30				
08:45		79	21	392	95	122	25	399	131	791	226
09:00		98	25			68	24				
09:15		72	25			48	20				
09:30		58	17			52	27				
09:45		64	13	292	80	55	19	223	90	515	170
10:00		59	20			54	18				
10:15		54	10			55	22				
10:30		55	10			74	10				
10:45		79	8	247	48	62	10	245	60	492	108
11:00		48	9			76	10				
11:15		75	6			68	6				
11:30		81	4			75	3				
11:45		76	0	280	19	77	2	296	21	576	40
Total		1966	2624	1966	2624	1720	2644	1720	2644	3686	5268
Combined Total		4590		4590		4364		4364		8954	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	542	-	-	-	430	-	-	-	-	-
P.H.F.		0.886				0.808					
PM Peak	-	-	02:30	-	-	-	03:15	-	-	-	-
Vol.	-	-	370	-	-	-	364	-	-	-	-
P.H.F.			0.797				0.827				
Percentage		42.8%	57.2%			39.4%	60.6%				
ADT/AADT		ADT 8,954		AADT 8,954							

Counts Unlimited, Inc.

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City of Redlands
Ford Street
B/ Sunset Drive - Garden Hill Drive
24 Hour Directional Volume Count

RED052
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	16			1	34				
12:15		1	14			1	27				
12:30		2	15			0	18				
12:45		1	10	5	55	1	23	3	102	8	157
01:00		0	17			0	16				
01:15		0	19			2	18				
01:30		0	14			0	28				
01:45		0	4	0	54	1	23	3	85	3	139
02:00		0	23			0	30				
02:15		1	20			0	26				
02:30		0	19			1	26				
02:45		0	**29**	1	91	1	**64**	2	146	3	237
03:00		0	**78**			0	**61**				
03:15		0	**22**			1	**33**				
03:30		1	**28**			1	**39**				
03:45		2	28	3	156	0	38	2	171	5	327
04:00		1	22			0	28				
04:15		0	20			0	36				
04:30		2	17			0	34				
04:45		2	22	5	81	2	32	2	130	7	211
05:00		2	22			3	27				
05:15		4	12			1	19				
05:30		6	15			2	33				
05:45		7	15	19	64	1	20	7	99	26	163
06:00		18	13			1	15				
06:15		12	21			8	25				
06:30		11	11			4	27				
06:45		17	15	58	60	20	19	33	86	91	146
07:00		19	14			29	18				
07:15		**30**	20			**31**	13				
07:30		**51**	16			**64**	19				
07:45		**86**	11	186	61	**81**	11	205	61	391	122
08:00		**41**	11			**48**	8				
08:15		22	5			25	13				
08:30		17	7			37	17				
08:45		20	2	100	25	58	11	168	49	268	74
09:00		20	2			29	20				
09:15		16	4			12	6				
09:30		10	9			20	7				
09:45		16	0	62	15	20	6	81	39	143	54
10:00		14	6			12	6				
10:15		20	1			14	6				
10:30		6	2			15	3				
10:45		6	0	46	9	8	0	49	15	95	24
11:00		18	0			21	1				
11:15		22	1			21	2				
11:30		18	0			36	0				
11:45		8	2	66	3	36	2	114	5	180	8
Total		551	674	551	674	669	988	669	988	1220	1662
Combined Total		1225		1225		1657		1657		2882	
AM Peak	-	07:15	-	-	-	07:15	-	-	-	-	-
Vol.	-	208	-	-	-	224	-	-	-	-	-
P.H.F.		0.605				0.691					
PM Peak	-	-	02:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	157	-	-	-	197	-	-	-	-
P.H.F.			0.503				0.770				
Percentage		45.0%	55.0%			40.4%	59.6%				
ADT/AADT		ADT 2,882		AADT 2,882							

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City of Redlands
Franklin Avenue
B/ Eucalyptus Drive - Oak Street
24 Hour Directional Volume Count

RED053
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	5			0	4				
12:15		0	**10**			1	7				
12:30		0	**5**			0	3				
12:45		0	**7**	0	27	0	**10**	1	24	1	51
01:00		0	**9**			0	**9**				
01:15		0	6			0	**11**				
01:30		0	1			0	**7**				
01:45		0	7	0	23	0	6	0	33	0	56
02:00		0	7			0	9				
02:15		0	8			0	8				
02:30		1	8			0	3				
02:45		0	7	1	30	0	3	0	23	1	53
03:00		1	6			0	7				
03:15		0	4			0	7				
03:30		0	4			0	6				
03:45		0	6	1	20	0	5	0	25	1	45
04:00		0	6			0	5				
04:15		0	3			0	6				
04:30		0	4			0	8				
04:45		0	7	0	20	0	4	0	23	0	43
05:00		0	9			0	6				
05:15		1	9			2	3				
05:30		0	3			2	6				
05:45		1	6	2	27	1	6	5	21	7	48
06:00		2	7			1	1				
06:15		0	6			0	5				
06:30		0	3			3	5				
06:45		4	5	6	21	8	10	12	21	18	42
07:00		2	2			2	4				
07:15		3	4			**14**	7				
07:30		**5**	1			**18**	3				
07:45		**11**	3	21	10	**10**	3	44	17	65	27
08:00		**3**	4			**7**	2				
08:15		**6**	2			9	0				
08:30		5	2			8	4				
08:45		7	1	21	9	5	0	29	6	50	15
09:00		7	0			11	1				
09:15		4	1			4	0				
09:30		3	1			5	0				
09:45		4	1	18	3	6	1	26	2	44	5
10:00		2	1			6	0				
10:15		6	0			5	2				
10:30		5	1			10	0				
10:45		5	0	18	2	6	0	27	2	45	4
11:00		5	0			7	0				
11:15		6	0			9	0				
11:30		5	0			8	0				
11:45		7	0	23	0	9	0	33	0	56	0
Total		111	192	111	192	177	197	177	197	288	389
Combined Total		303		303		374		374		677	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	25	-	-	-	49	-	-	-	-	-
P.H.F.		0.568				0.681					
PM Peak	-	-	00:15	-	-	-	00:45	-	-	-	-
Vol.	-	-	31	-	-	-	37	-	-	-	-
P.H.F.			0.775				0.841				
Percentage		36.6%	63.4%			47.3%	52.7%				
ADT/AADT		ADT 677		AADT 677							

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City of Redlands
Franklin Avenue
B/ Oak Street - Garden Street
24 Hour Directional Volume Count

RED054
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	6			0	10				
12:15		0	5			0	7				
12:30		0	6			0	3				
12:45		0	7	0	24	0	8	0	28	0	52
01:00		0	4			0	4				
01:15		1	3			0	7				
01:30		0	**9**			0	7				
01:45		0	**3**	1	19	0	11	0	29	1	48
02:00		0	**17**			0	9				
02:15		0	**9**			0	6				
02:30		1	4			0	7				
02:45		1	7	2	37	0	9	0	31	2	68
03:00		0	14			1	5				
03:15		0	6			0	9				
03:30		0	7			0	5				
03:45		0	11	0	38	0	3	1	22	1	60
04:00		0	6			0	**16**				
04:15		0	6			0	**5**				
04:30		1	9			0	**9**				
04:45		1	6	2	27	0	**8**	0	38	2	65
05:00		1	4			2	4				
05:15		2	5			0	7				
05:30		3	5			0	6				
05:45		0	5	6	19	0	8	2	25	8	44
06:00		2	4			1	8				
06:15		3	4			0	7				
06:30		4	1			2	6				
06:45		10	5	19	14	4	3	7	24	26	38
07:00		**9**	3			**6**	4				
07:15		**11**	3			**3**	7				
07:30		**22**	3			**19**	1				
07:45		**12**	1	54	10	**6**	2	34	14	88	24
08:00		4	1			6	8				
08:15		8	3			1	4				
08:30		7	1			4	2				
08:45		8	0	27	5	8	2	19	16	46	21
09:00		7	0			7	4				
09:15		8	1			3	2				
09:30		8	2			5	0				
09:45		7	2	30	5	6	3	21	9	51	14
10:00		3	1			5	4				
10:15		5	3			4	0				
10:30		3	2			7	2				
10:45		3	0	14	6	3	0	19	6	33	12
11:00		6	2			7	0				
11:15		6	0			6	0				
11:30		9	1			1	0				
11:45		9	0	30	3	5	1	19	1	49	4
Total		185	207	185	207	122	243	122	243	307	450
Combined Total		392		392		365		365		757	
AM Peak	-	07:00	-	-	-	07:00	-	-	-	-	-
Vol.	-	54	-	-	-	34	-	-	-	-	-
P.H.F.		0.614				0.447					
PM Peak	-	-	01:30	-	-	-	04:00	-	-	-	-
Vol.	-	-	38	-	-	-	38	-	-	-	-
P.H.F.			0.559				0.594				
Percentage		47.2%	52.8%			33.4%	66.6%				
ADT/AADT		ADT 757		AADT 757							

Counts Unlimited, Inc.

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City of Redlands
Franklin Avenue
B/ Mariposa Drive - Cajon Street
24 Hour Directional Volume Count

RED055
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	22			0	28				
12:15		2	21			2	27				
12:30		0	34			1	23				
12:45		0	27	2	104	1	26	4	104	6	208
01:00		2	27			2	29				
01:15		1	15			1	24				
01:30		0	30			1	27				
01:45		0	**23**	3	95	1	32	5	112	8	207
02:00		0	**43**			2	36				
02:15		1	**36**			0	22				
02:30		0	**38**			1	21				
02:45		0	18	1	135	0	29	3	108	4	243
03:00		0	21			0	36				
03:15		0	29			0	37				
03:30		2	27			1	29				
03:45		0	21	2	98	1	26	2	128	4	226
04:00		1	26			0	33				
04:15		1	26			0	33				
04:30		3	26			0	35				
04:45		0	26	5	104	0	**47**	0	148	5	252
05:00		4	23			0	**40**				
05:15		2	17			0	**54**				
05:30		1	27			3	**46**				
05:45		3	14	10	81	4	47	7	187	17	268
06:00		7	26			3	25				
06:15		8	23			6	32				
06:30		13	16			5	21				
06:45		22	8	50	73	6	18	20	96	70	169
07:00		26	15			10	15				
07:15		31	9			15	27				
07:30		**58**	8			20	23				
07:45		**41**	9	156	41	**38**	11	83	76	239	117
08:00		**37**	15			**20**	13				
08:15		**42**	6			**16**	14				
08:30		25	4			**25**	13				
08:45		32	5	136	30	33	6	94	46	230	76
09:00		27	5			20	7				
09:15		27	4			16	4				
09:30		26	9			25	4				
09:45		27	3	107	21	18	1	79	16	186	37
10:00		24	1			18	4				
10:15		19	4			14	2				
10:30		23	1			26	1				
10:45		24	2	90	8	20	2	78	9	168	17
11:00		27	0			22	5				
11:15		24	2			22	7				
11:30		33	0			15	0				
11:45		21	0	105	2	27	2	86	14	191	16
Total		667	792	667	792	461	1044	461	1044	1128	1836
Combined Total		1459		1459		1505		1505		2964	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	178	-	-	-	99	-	-	-	-	-
P.H.F.		0.767				0.651					
PM Peak	-	-	01:45	-	-	-	04:45	-	-	-	-
Vol.	-	-	140	-	-	-	187	-	-	-	-
P.H.F.			0.814				0.866				
Percentage		45.7%	54.3%			30.6%	69.4%				
ADT/AADT		ADT 2,964		AADT 2,964							

Counts Unlimited, Inc.

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City of Redlands
Grove Street
B/ Highland Avenue - Citrus Avenue
24 Hour Directional Volume Count

RED056
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	12			0	6				
12:15		0	8			3	6				
12:30		0	12			0	11				
12:45		0	5	0	37	0	10	3	33	3	70
01:00		0	7			0	11				
01:15		0	9			0	9				
01:30		1	7			1	4				
01:45		1	7	2	30	0	7	1	31	3	61
02:00		0	4			0	10				
02:15		0	13			0	13				
02:30		0	17			0	10				
02:45		0	10	0	44	0	14	0	47	0	91
03:00		1	6			0	12				
03:15		0	6			0	17				
03:30		1	14			0	12				
03:45		0	6	2	32	0	12	0	53	2	85
04:00		3	6			0	9				
04:15		1	12			1	17				
04:30		0	5			0	14				
04:45		1	**10**	5	33	0	**20**	1	60	6	93
05:00		0	**15**			0	**18**				
05:15		0	**17**			1	**15**				
05:30		1	**8**			0	**19**				
05:45		3	10	4	50	0	13	1	65	5	115
06:00		3	8			1	14				
06:15		0	16			2	12				
06:30		6	6			2	10				
06:45		7	5	16	35	10	10	15	46	31	81
07:00		8	5			4	11				
07:15		10	5			4	12				
07:30		8	4			5	8				
07:45		**25**	6	51	20	8	1	21	32	72	52
08:00		**11**	2			3	8				
08:15		**9**	8			11	8				
08:30		**13**	3			5	8				
08:45		17	9	50	22	3	7	22	31	72	53
09:00		4	5			4	7				
09:15		10	4			6	4				
09:30		10	1			7	3				
09:45		10	1	34	11	7	2	24	16	58	27
10:00		8	1			5	1				
10:15		4	4			**12**	0				
10:30		10	1			**11**	1				
10:45		4	0	26	6	**9**	3	37	5	63	11
11:00		15	1			**9**	0				
11:15		12	3			5	0				
11:30		4	0			10	0				
11:45		7	1	38	5	10	1	34	1	72	6
Total		228	325	228	325	159	420	159	420	387	745
Combined Total		553		553		579		579		1132	
AM Peak	-	07:45	-	-	-	10:15	-	-	-	-	-
Vol.	-	58	-	-	-	41	-	-	-	-	-
P.H.F.		0.580				0.854					
PM Peak	-	-	04:45	-	-	-	04:45	-	-	-	-
Vol.	-	-	50	-	-	-	72	-	-	-	-
P.H.F.			0.735				0.900				
Percentage		41.2%	58.8%			27.5%	72.5%				
ADT/AADT		ADT 1,132		AADT 1,132							

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City of Lake Elsinore
Grove Street
B/ Citrus Avenue - Brockton Avenue
24 Hour Directional Volume Count

RED057
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	17			1	27				
12:15		1	19			6	18				
12:30		0	30			2	23				
12:45		2	25	6	91	2	23	11	91	17	182
01:00		0	19			0	20				
01:15		1	26			2	12				
01:30		0	17			0	17				
01:45		0	20	1	82	1	12	3	61	4	143
02:00		0	19			0	25				
02:15		1	31			0	44				
02:30		0	17			0	29				
02:45		1	30	2	97	1	27	1	125	3	222
03:00		0	19			1	25				
03:15		0	23			2	**34**				
03:30		0	28			0	**18**				
03:45		0	21	0	91	1	**47**	4	124	4	215
04:00		1	23			0	**34**				
04:15		0	31			1	29				
04:30		2	20			0	21				
04:45		1	25	4	99	2	32	3	116	7	215
05:00		1	**28**			2	39				
05:15		4	**29**			1	31				
05:30		4	**26**			3	24				
05:45		6	**28**	15	111	5	34	11	128	26	239
06:00		6	21			5	24				
06:15		4	16			5	25				
06:30		8	17			7	19				
06:45		16	14	34	68	13	20	30	88	64	156
07:00		11	23			9	19				
07:15		**17**	17			13	16				
07:30		**24**	16			16	17				
07:45		**49**	10	101	66	22	15	60	67	161	133
08:00		**28**	17			13	16				
08:15		17	19			20	13				
08:30		19	11			11	13				
08:45		23	15	87	62	16	14	60	56	147	118
09:00		33	10			13	13				
09:15		29	11			11	20				
09:30		10	9			9	13				
09:45		15	9	87	39	7	16	40	62	127	101
10:00		11	8			15	5				
10:15		7	4			11	5				
10:30		16	7			19	4				
10:45		16	0	50	19	**31**	5	76	19	126	38
11:00		24	3			**19**	7				
11:15		17	4			**15**	2				
11:30		12	4			**20**	4				
11:45		18	3	71	14	15	4	69	17	140	31
Total		458	839	458	839	368	954	368	954	826	1793
Combined Total		1297		1297		1322		1322		2619	
AM Peak	-	07:15	-	-	-	10:45	-	-	-	-	-
Vol.	-	118	-	-	-	85	-	-	-	-	-
P.H.F.		0.602				0.685					
PM Peak	-	-	05:00	-	-	-	03:15	-	-	-	-
Vol.	-	-	111	-	-	-	133	-	-	-	-
P.H.F.			0.957				0.707				
Percentage		35.3%	64.7%			27.8%	72.2%				
ADT/AADT		ADT 2,619		AADT 2,619							

Counts Unlimited, Inc.

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City of Redlands
Highland Avenue
B/ Ford Street - Cajon Street
24 Hour Directional Volume Count

RED058
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	41			2	41				
12:15		0	41			0	42				
12:30		2	38			1	35				
12:45		4	42	7	162	0	34	3	152	10	314
01:00		1	38			1	48				
01:15		4	33			1	35				
01:30		1	30			1	52				
01:45		1	48	7	149	0	45	3	180	10	329
02:00		1	61			0	31				
02:15		1	41			1	46				
02:30		1	52			0	56				
02:45		0	40	3	194	1	**57**	2	190	5	384
03:00		0	62			2	**50**				
03:15		0	56			2	**72**				
03:30		1	60			1	**65**				
03:45		1	74	2	252	1	47	6	234	8	486
04:00		0	55			0	44				
04:15		3	63			0	43				
04:30		0	53			2	44				
04:45		1	**83**	4	254	4	48	6	179	10	433
05:00		3	**85**			5	51				
05:15		3	**87**			5	36				
05:30		3	**90**			10	37				
05:45		7	73	16	335	12	30	32	154	48	489
06:00		7	45			18	46				
06:15		5	43			17	48				
06:30		10	59			21	37				
06:45		13	37	35	184	49	21	105	152	140	336
07:00		20	32			35	26				
07:15		34	32			64	32				
07:30		**49**	35			**91**	23				
07:45		**65**	27	168	126	**77**	21	267	102	435	228
08:00		**42**	36			**63**	21				
08:15		**54**	25			**74**	18				
08:30		42	24			60	10				
08:45		31	18	169	103	49	13	246	62	415	165
09:00		26	13			32	7				
09:15		22	13			22	9				
09:30		26	11			38	9				
09:45		30	5	104	42	32	11	124	36	228	78
10:00		35	12			35	6				
10:15		31	6			32	11				
10:30		20	4			29	9				
10:45		30	5	116	27	36	5	132	31	248	58
11:00		19	8			29	4				
11:15		23	4			45	3				
11:30		31	2			32	0				
11:45		28	3	101	17	35	2	141	9	242	26
Total		732	1845	732	1845	1067	1481	1067	1481	1799	3326
Combined Total		2577		2577		2548		2548		5125	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	210	-	-	-	305	-	-	-	-	-
P.H.F.		0.808				0.838					
PM Peak	-	-	04:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	345	-	-	-	244	-	-	-	-
P.H.F.			0.958				0.847				
Percentage		28.4%	71.6%			41.9%	58.1%				
ADT/AADT		ADT 5,125		AADT 5,125							

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City of Redlands
Highland Avenue
B/ Cajon Street - San Mateo Street
24 Hour Directional Volume Count

RED059
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	52			2	39				
12:15		1	43			2	48				
12:30		2	49			3	43				
12:45		5	52	11	196	1	38	8	168	19	364
01:00		3	48			2	52				
01:15		1	59			2	47				
01:30		1	55			1	36				
01:45		3	59	8	221	0	49	5	184	13	405
02:00		1	60			3	58				
02:15		3	57			2	57				
02:30		1	70			0	53				
02:45		0	84	5	271	3	**75**	8	243	13	514
03:00		0	92			2	**57**				
03:15		2	87			2	**67**				
03:30		3	71			0	**72**				
03:45		2	91	7	341	0	66	4	262	11	603
04:00		1	60			0	59				
04:15		3	53			1	62				
04:30		7	96			0	56				
04:45		7	**95**	18	304	10	37	11	214	29	518
05:00		9	**77**			3	71				
05:15		12	**107**			10	53				
05:30		16	**103**			13	51				
05:45		15	85	52	372	13	53	39	228	91	600
06:00		20	79			16	58				
06:15		23	62			31	56				
06:30		35	69			37	34				
06:45		38	44	116	254	66	43	150	191	266	445
07:00		51	40			48	35				
07:15		65	34			53	44				
07:30		**82**	30			**88**	29				
07:45		**94**	35	292	139	**91**	39	280	147	572	286
08:00		**86**	30			**87**	37				
08:15		**77**	20			**74**	21				
08:30		64	19			56	23				
08:45		62	19	289	88	57	23	274	104	563	192
09:00		52	19			38	17				
09:15		45	15			41	9				
09:30		37	15			36	18				
09:45		47	11	181	60	34	18	149	62	330	122
10:00		42	10			41	12				
10:15		28	9			25	13				
10:30		39	9			37	12				
10:45		42	6	151	34	27	9	130	46	281	80
11:00		40	11			38	5				
11:15		51	4			59	3				
11:30		56	7			49	2				
11:45		44	4	191	26	47	3	193	13	384	39
Total		1321	2306	1321	2306	1251	1862	1251	1862	2572	4168
Combined Total		3627		3627		3113		3113		6740	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	339	-	-	-	340	-	-	-	-	-
P.H.F.		0.902				0.934					
PM Peak	-	-	04:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	382	-	-	-	271	-	-	-	-
P.H.F.			0.893				0.903				
Percentage		36.4%	63.6%			40.2%	59.8%				
ADT/AADT		ADT 6,740		AADT 6,740							

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City of Redlands
Highland Avenue
B/ San Mateo Street - Serpentine Drive
24 Hour Directional Volume Count

RED060
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	13			0	19				
12:15		2	8			0	8				
12:30		1	16			2	22				
12:45		0	13	3	50	0	12	2	61	5	111
01:00		1	7			1	11				
01:15		0	19			0	12				
01:30		1	14			0	14				
01:45		1	12	3	52	0	17	1	54	4	106
02:00		0	17			1	**23**				
02:15		0	13			2	**15**				
02:30		0	**26**			1	**20**				
02:45		0	**15**	0	71	0	**20**	4	78	4	149
03:00		0	**21**			0	21				
03:15		0	**16**			0	11				
03:30		1	17			0	19				
03:45		0	21	1	75	0	14	0	65	1	140
04:00		0	14			0	15				
04:15		1	10			0	19				
04:30		1	19			0	6				
04:45		1	24	3	67	1	17	1	57	4	124
05:00		1	14			0	12				
05:15		3	16			0	16				
05:30		1	19			2	11				
05:45		3	24	8	73	2	16	4	55	12	128
06:00		4	18			4	15				
06:15		3	12			10	22				
06:30		9	14			3	10				
06:45		9	9	25	53	14	11	31	58	56	111
07:00		8	10			15	9				
07:15		11	17			6	11				
07:30		**14**	5			**17**	8				
07:45		**19**	6	52	38	**34**	11	72	39	124	77
08:00		**10**	8			**23**	3				
08:15		**16**	4			**29**	5				
08:30		8	9			13	6				
08:45		12	4	46	25	15	6	80	20	126	45
09:00		12	4			14	2				
09:15		12	4			9	1				
09:30		11	5			7	6				
09:45		11	1	46	14	7	5	37	14	83	28
10:00		11	2			15	1				
10:15		9	0			10	2				
10:30		15	2			16	2				
10:45		14	1	49	5	8	5	49	10	98	15
11:00		17	1			10	2				
11:15		11	0			19	3				
11:30		10	0			11	0				
11:45		8	1	46	2	11	0	51	5	97	7
Total		282	525	282	525	332	516	332	516	614	1041
Combined Total		807		807		848		848		1655	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	59	-	-	-	103	-	-	-	-	-
P.H.F.		0.776				0.757					
PM Peak	-	-	02:30	-	-	-	02:00	-	-	-	-
Vol.	-	-	78	-	-	-	78	-	-	-	-
P.H.F.			0.750				0.848				
Percentage		34.9%	65.1%			39.2%	60.8%				
ADT/AADT		ADT 1,655		AADT 1,655							

Counts Unlimited, Inc.

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City of Redlands
Judson Street
B/ Citrus Avenue - Colton Avenue
24 Hour Directional Volume Count

RED061
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	57			2	62				
12:15		4	51			5	45				
12:30		7	44			2	42				
12:45		4	57	17	209	1	40	10	189	27	398
01:00		3	48			4	58				
01:15		4	55			2	44				
01:30		2	49			0	58				
01:45		4	61	13	213	1	60	7	220	20	433
02:00		2	60			0	63				
02:15		2	75			5	74				
02:30		1	60			2	52				
02:45		2	63	7	258	1	67	8	256	15	514
03:00		0	**58**			0	64				
03:15		3	**90**			1	60				
03:30		1	**103**			2	66				
03:45		5	**82**	9	333	3	56	6	246	15	579
04:00		3	57			6	63				
04:15		3	61			7	64				
04:30		0	69			4	63				
04:45		1	74	7	261	7	59	24	249	31	510
05:00		3	67			13	59				
05:15		12	63			9	59				
05:30		10	83			14	**74**				
05:45		11	71	36	284	7	**66**	43	258	79	542
06:00		22	56			20	**68**				
06:15		16	63			24	**64**				
06:30		27	49			35	52				
06:45		30	47	95	215	37	40	116	224	211	439
07:00		39	47			44	47				
07:15		46	43			59	45				
07:30		66	53			**73**	34				
07:45		**75**	56	226	199	**79**	31	255	157	481	356
08:00		**71**	39			**78**	23				
08:15		**73**	26			**82**	21				
08:30		**74**	30			70	27				
08:45		46	24	264	119	58	21	288	92	552	211
09:00		40	28			36	23				
09:15		40	24			39	28				
09:30		45	19			50	25				
09:45		50	14	175	85	56	18	181	94	356	179
10:00		46	29			36	14				
10:15		25	13			29	13				
10:30		45	18			34	11				
10:45		56	6	172	66	45	6	144	44	316	110
11:00		49	11			43	3				
11:15		39	7			39	4				
11:30		49	9			28	6				
11:45		41	6	178	33	34	3	144	16	322	49
Total		1199	2275	1199	2275	1226	2045	1226	2045	2425	4320
Combined Total		3474		3474		3271		3271		6745	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	293	-	-	-	312	-	-	-	-	-
P.H.F.		0.977				0.951					
PM Peak	-	-	03:00	-	-	-	05:30	-	-	-	-
Vol.	-	-	333	-	-	-	272	-	-	-	-
P.H.F.			0.808				0.919				
Percentage		34.5%	65.5%			37.5%	62.5%				
ADT/AADT		ADT 6,745		AADT 6,745							

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City of Redlands
Judson Street
B/ Colton Avenue - Lugonia Avenue
24 Hour Directional Volume Count

RED062
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	43			3	49				
12:15		4	38			5	48				
12:30		2	36			1	34				
12:45		3	43	10	160	2	45	11	176	21	336
01:00		3	37			7	45				
01:15		1	41			1	47				
01:30		1	48			2	46				
01:45		3	42	8	168	2	48	12	186	20	354
02:00		0	47			0	62				
02:15		1	77			1	53				
02:30		0	59			3	40				
02:45		2	51	3	234	0	58	4	213	7	447
03:00		1	**54**			0	50				
03:15		3	**71**			2	51				
03:30		2	**97**			0	72				
03:45		4	**67**	10	289	1	53	3	226	13	515
04:00		3	48			3	49				
04:15		1	56			4	55				
04:30		1	57			2	50				
04:45		2	67	7	228	4	62	13	216	20	444
05:00		4	46			9	45				
05:15		11	47			6	50				
05:30		11	64			15	**57**				
05:45		10	64	36	221	10	**61**	40	213	76	434
06:00		13	47			16	**62**				
06:15		19	65			19	**55**				
06:30		27	30			26	40				
06:45		20	47	79	189	28	45	89	202	168	391
07:00		23	37			36	44				
07:15		46	34			67	34				
07:30		55	45			**77**	33				
07:45		**60**	45	184	161	**79**	32	259	143	443	304
08:00		**58**	29			**73**	18				
08:15		**70**	25			**79**	19				
08:30		**58**	23			64	21				
08:45		29	18	215	95	43	15	259	73	474	168
09:00		27	20			26	20				
09:15		31	17			34	21				
09:30		30	13			37	19				
09:45		34	14	122	64	42	11	139	71	261	135
10:00		38	24			20	9				
10:15		23	10			31	9				
10:30		41	9			30	8				
10:45		48	6	150	49	30	5	111	31	261	80
11:00		45	6			32	3				
11:15		34	10			35	5				
11:30		46	7			32	3				
11:45		42	6	167	29	32	4	131	15	298	44
Total		991	1887	991	1887	1071	1765	1071	1765	2062	3652
Combined Total		2878		2878		2836		2836		5714	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	246	-	-	-	308	-	-	-	-	-
P.H.F.		0.879				0.975					
PM Peak	-	-	03:00	-	-	-	05:30	-	-	-	-
Vol.	-	-	289	-	-	-	235	-	-	-	-
P.H.F.			0.745				0.816				
Percentage		34.4%	65.6%			37.8%	62.2%				
ADT/AADT		ADT 5,714		AADT 5,714							

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City of Redlands
Judson Street
B/ Lugonia Avenue - Pioneer Avenue
24 Hour Directional Volume Count

RED063
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	19			1	14				
12:15		0	17			1	17				
12:30		1	19			0	11				
12:45		0	14	2	69	5	23	7	65	9	134
01:00		1	17			1	16				
01:15		0	19			3	**34**				
01:30		0	16			1	**43**				
01:45		0	**96**	1	148	0	**53**	5	146	6	294
02:00		0	**37**			0	**22**				
02:15		0	**36**			0	23				
02:30		1	**21**			0	20				
02:45		0	25	1	119	1	32	1	97	2	216
03:00		1	22			2	28				
03:15		1	37			0	35				
03:30		2	38			0	27				
03:45		1	26	5	123	0	24	2	114	7	237
04:00		1	25			2	24				
04:15		0	27			4	37				
04:30		2	36			1	34				
04:45		0	41	3	129	2	36	9	131	12	260
05:00		5	27			1	26				
05:15		10	27			4	35				
05:30		14	24			3	40				
05:45		3	18	32	96	2	42	10	143	42	239
06:00		9	30			4	30				
06:15		13	27			14	29				
06:30		13	16			13	17				
06:45		17	15	52	88	16	23	47	99	99	187
07:00		17	13			**35**	11				
07:15		**43**	14			**51**	14				
07:30		**91**	19			**69**	28				
07:45		**38**	14	189	60	**26**	12	181	65	370	125
08:00		**26**	10			18	11				
08:15		26	11			22	13				
08:30		18	8			23	12				
08:45		8	11	78	40	14	7	77	43	155	83
09:00		12	7			10	17				
09:15		10	4			20	18				
09:30		19	10			24	5				
09:45		15	3	56	24	13	4	67	44	123	68
10:00		12	3			6	4				
10:15		17	4			13	5				
10:30		17	2			15	4				
10:45		10	1	56	10	13	6	47	19	103	29
11:00		18	2			14	2				
11:15		11	4			24	1				
11:30		24	0			19	4				
11:45		22	4	75	10	18	1	75	8	150	18
Total		550	916	550	916	528	974	528	974	1078	1890
Combined Total		1466		1466		1502		1502		2968	
AM Peak	-	07:15	-	-	-	07:00	-	-	-	-	-
Vol.	-	198	-	-	-	181	-	-	-	-	-
P.H.F.		0.544				0.656					
PM Peak	-	-	01:45	-	-	-	01:15	-	-	-	-
Vol.	-	-	190	-	-	-	152	-	-	-	-
P.H.F.			0.495				0.717				
Percentage		37.5%	62.5%			35.2%	64.8%				
ADT/AADT		ADT 2,968		AADT 2,968							

Counts Unlimited, Inc.

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City of Redlands
Lugonia Avenue
B/ 1500' W/ Research Avenue - California Street
24 Hour Directional Volume Count

RED066
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	3			0	13				
12:15		0	4			0	8				
12:30		1	2			0	8				
12:45		0	8	1	17	0	11	0	40	1	57
01:00		0	9			0	9				
01:15		0	9			0	8				
01:30		1	6			0	7				
01:45		0	7	1	31	0	5	0	29	1	60
02:00		0	**9**			1	7				
02:15		0	**10**			0	9				
02:30		0	**24**			0	7				
02:45		0	**8**	0	51	0	9	1	32	1	83
03:00		1	5			1	6				
03:15		0	7			0	7				
03:30		0	6			0	**11**				
03:45		0	7	1	25	0	**6**	1	30	2	55
04:00		0	3			0	**18**				
04:15		1	6			0	**9**				
04:30		0	3			1	6				
04:45		0	3	1	15	3	10	4	43	5	58
05:00		1	6			7	7				
05:15		2	3			5	2				
05:30		2	3			6	5				
05:45		3	5	8	17	16	7	34	21	42	38
06:00		5	13			8	4				
06:15		2	2			2	3				
06:30		2	5			8	5				
06:45		6	3	15	23	6	4	24	16	39	39
07:00		5	1			5	1				
07:15		3	2			9	3				
07:30		2	2			5	2				
07:45		2	3	12	8	6	7	25	13	37	21
08:00		8	2			3	2				
08:15		3	4			2	3				
08:30		3	0			4	1				
08:45		5	1	19	7	7	1	16	7	35	14
09:00		2	2			6	2				
09:15		**9**	2			10	2				
09:30		**14**	0			4	1				
09:45		**9**	0	34	4	7	2	27	7	61	11
10:00		**6**	0			**8**	1				
10:15		9	2			**9**	0				
10:30		11	0			**10**	0				
10:45		7	0	33	2	**10**	0	37	1	70	3
11:00		8	3			4	3				
11:15		6	0			5	0				
11:30		5	0			7	0				
11:45		9	1	28	4	2	0	18	3	46	7
Total		153	204	153	204	187	242	187	242	340	446
Combined Total		357		357		429		429		786	
AM Peak	-	09:15	-	-	-	10:00	-	-	-	-	-
Vol.	-	38	-	-	-	37	-	-	-	-	-
P.H.F.		0.679				0.578					
PM Peak	-	-	02:00	-	-	-	03:30	-	-	-	-
Vol.	-	-	51	-	-	-	44	-	-	-	-
P.H.F.			0.531				0.611				
Percentage		42.9%	57.1%			43.6%	56.4%				
ADT/AADT		ADT 786		AADT 786							

Counts Unlimited, Inc.

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City of Redlands
Lugonia Avenue
B/ California Street - Alabama Street
24 Hour Directional Volume Count

RED067
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	48			4	**71**				
12:15		4	47			4	**55**				
12:30		3	60			2	**66**				
12:45		2	48	15	203	5	**74**	15	266	30	469
01:00		4	38			3	56				
01:15		3	44			2	62				
01:30		2	42			0	53				
01:45		1	40	10	164	4	57	9	228	19	392
02:00		2	51			3	44				
02:15		2	49			2	46				
02:30		1	57			1	51				
02:45		2	46	7	203	3	67	9	208	16	411
03:00		1	54			1	70				
03:15		4	**51**			5	58				
03:30		3	**61**			8	59				
03:45		5	**72**	13	238	5	71	19	258	32	496
04:00		3	**85**			4	63				
04:15		7	48			3	40				
04:30		6	55			13	62				
04:45		6	62	22	250	9	58	29	223	51	473
05:00		3	57			5	60				
05:15		10	61			10	48				
05:30		8	52			14	54				
05:45		9	43	30	213	24	52	53	214	83	427
06:00		2	55			22	48				
06:15		9	42			28	49				
06:30		19	36			37	38				
06:45		19	34	49	167	32	28	119	163	168	330
07:00		21	28			29	26				
07:15		25	20			41	36				
07:30		17	25			51	26				
07:45		29	21	92	94	56	23	177	111	269	205
08:00		38	20			49	18				
08:15		26	20			46	20				
08:30		32	17			38	25				
08:45		36	14	132	71	43	21	176	84	308	155
09:00		46	14			36	20				
09:15		40	7			38	14				
09:30		36	10			44	11				
09:45		51	13	173	44	43	5	161	50	334	94
10:00		42	8			45	9				
10:15		48	6			47	4				
10:30		45	8			51	12				
10:45		**56**	7	191	29	49	9	192	34	383	63
11:00		**53**	6			**46**	7				
11:15		**55**	5			**46**	3				
11:30		**46**	3			**66**	2				
11:45		46	4	200	18	**57**	2	215	14	415	32
Total		934	1694	934	1694	1174	1853	1174	1853	2108	3547
Combined Total		2628		2628		3027		3027		5655	
AM Peak	-	10:45	-	-	-	11:00	-	-	-	-	-
Vol.	-	210	-	-	-	215	-	-	-	-	-
P.H.F.		0.938				0.814					
PM Peak	-	-	03:15	-	-	-	12:00	-	-	-	-
Vol.	-	-	269	-	-	-	266	-	-	-	-
P.H.F.			0.791				0.899				
Percentage		35.5%	64.5%			38.8%	61.2%				
ADT/AADT		ADT 5,655		AADT 5,655							

Counts Unlimited, Inc.

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City of Redlands
Lugonia Avenue
B/ Alabama Street - Tennessee Street
24 Hour Directional Volume Count

RED068
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		17	129			8	152				
12:15		7	148			18	166				
12:30		15	157			7	**185**				
12:45		10	137	49	571	6	**182**	39	685	88	1256
01:00		6	147			13	**158**				
01:15		3	126			4	**187**				
01:30		10	111			6	147				
01:45		5	148	24	532	10	138	33	630	57	1162
02:00		2	139			2	160				
02:15		7	132			9	119				
02:30		7	151			6	160				
02:45		7	126	23	548	8	164	25	603	48	1151
03:00		5	139			7	188				
03:15		4	131			7	142				
03:30		5	155			11	166				
03:45		7	158	21	583	8	205	33	701	54	1284
04:00		6	163			9	155				
04:15		7	172			10	132				
04:30		2	185			17	162				
04:45		4	**201**	19	721	19	140	55	589	74	1310
05:00		6	**202**			7	119				
05:15		7	**180**			22	136				
05:30		11	**187**			24	144				
05:45		9	158	33	727	35	153	88	552	121	1279
06:00		11	157			28	147				
06:15		13	130			24	116				
06:30		11	146			49	148				
06:45		21	102	56	535	62	123	163	534	219	1069
07:00		22	103			59	104				
07:15		28	82			91	126				
07:30		35	87			90	110				
07:45		55	97	140	369	118	101	358	441	498	810
08:00		48	73			103	117				
08:15		54	80			98	92				
08:30		50	70			127	81				
08:45		70	63	222	286	91	56	419	346	641	632
09:00		79	55			75	76				
09:15		73	67			87	65				
09:30		71	39			109	53				
09:45		80	39	303	200	91	41	362	235	665	435
10:00		97	29			114	39				
10:15		109	20			120	25				
10:30		95	25			120	24				
10:45		105	15	406	89	123	20	477	108	883	197
11:00		**107**	15			**131**	18				
11:15		**119**	7			**141**	11				
11:30		**135**	15			**142**	14				
11:45		**124**	13	485	50	**177**	10	591	53	1076	103
Total		1781	5211	1781	5211	2643	5477	2643	5477	4424	10688
Combined Total		6992		6992		8120		8120		15112	
AM Peak	-	11:00	-	-	-	11:00	-	-	-	-	-
Vol.	-	485	-	-	-	591	-	-	-	-	-
P.H.F.		0.898				0.835					
PM Peak	-	-	04:45	-	-	-	00:30	-	-	-	-
Vol.	-	-	770	-	-	-	712	-	-	-	-
P.H.F.			0.953				0.952				
Percentage		25.5%	74.5%			32.5%	67.5%				
ADT/AADT		ADT 15,112		AADT 15,112							

Counts Unlimited, Inc.

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City of Redlands
Lugonia Avenue
B/ Tennessee Street - Texas Street
24 Hour Directional Volume Count

RED069
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		28	132			13	**145**				
12:15		15	148			15	**158**				
12:30		29	164			11	**167**				
12:45		15	176	87	620	7	**118**	46	588	133	1208
01:00		13	169			8	136				
01:15		9	177			7	152				
01:30		14	155			5	113				
01:45		16	151	52	652	7	152	27	553	79	1205
02:00		5	161			7	131				
02:15		13	189			8	133				
02:30		10	175			12	144				
02:45		8	179	36	704	9	149	36	557	72	1261
03:00		7	192			7	138				
03:15		9	200			11	152				
03:30		11	238			18	148				
03:45		10	285	37	915	15	150	51	588	88	1503
04:00		6	262			15	132				
04:15		4	245			19	140				
04:30		6	259			29	121				
04:45		12	**265**	28	1031	23	138	86	531	114	1562
05:00		8	**313**			27	108				
05:15		13	**289**			38	124				
05:30		11	**278**			44	133				
05:45		22	250	54	1130	59	126	168	491	222	1621
06:00		20	202			36	114				
06:15		30	189			48	118				
06:30		23	169			67	128				
06:45		34	135	107	695	82	116	233	476	340	1171
07:00		38	158			98	94				
07:15		60	140			116	97				
07:30		55	127			134	100				
07:45		72	134	225	559	**172**	65	520	356	745	915
08:00		74	111			**135**	82				
08:15		76	99			**136**	84				
08:30		70	95			**145**	63				
08:45		92	99	312	404	115	41	531	270	843	674
09:00		81	73			115	54				
09:15		102	92			99	46				
09:30		93	76			129	39				
09:45		109	64	385	305	122	41	465	180	850	485
10:00		110	53			109	23				
10:15		117	51			133	33				
10:30		111	50			119	23				
10:45		115	35	453	189	134	25	495	104	948	293
11:00		**131**	38			149	14				
11:15		**137**	22			124	18				
11:30		**134**	26			140	14				
11:45		**148**	24	550	110	123	6	536	52	1086	162
Total		2326	7314	2326	7314	3194	4746	3194	4746	5520	12060
Combined Total		9640		9640		7940		7940		17580	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	550	-	-	-	588	-	-	-	-	-
P.H.F.		0.929				0.855					
PM Peak	-	-	04:45	-	-	-	12:00	-	-	-	-
Vol.	-	-	1145	-	-	-	588	-	-	-	-
P.H.F.			0.915				0.880				
Percentage		24.1%	75.9%			40.2%	59.8%				
ADT/AADT		ADT 17,580		AADT 17,580							

Counts Unlimited, Inc.

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City of Redlands
Lugonia Avenue
B/ Texas Street - Orange Street
24 Hour Directional Volume Count

RED070
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		20	124			7	109				
12:15		13	143			12	133				
12:30		25	146			8	150				
12:45		11	154	69	567	5	106	32	498	101	1065
01:00		11	167			7	106				
01:15		10	167			6	131				
01:30		11	149			2	111				
01:45		12	156	44	639	6	126	21	474	65	1113
02:00		6	140			2	126				
02:15		10	183			6	122				
02:30		8	144			7	123				
02:45		4	180	28	647	7	**142**	22	513	50	1160
03:00		7	198			3	**141**				
03:15		9	198			9	**131**				
03:30		7	218			15	**149**				
03:45		11	259	34	873	14	138	41	559	75	1432
04:00		5	236			13	135				
04:15		3	228			15	125				
04:30		4	243			25	106				
04:45		6	229	18	936	21	128	74	494	92	1430
05:00		5	**292**			22	101				
05:15		14	**277**			35	111				
05:30		10	**260**			32	109				
05:45		22	**242**	51	1071	51	121	140	442	191	1513
06:00		20	212			30	104				
06:15		30	175			41	114				
06:30		23	157			61	106				
06:45		39	112	112	656	87	101	219	425	331	1081
07:00		39	136			96	90				
07:15		60	127			114	89				
07:30		72	129			**137**	86				
07:45		82	117	253	509	**194**	56	541	321	794	830
08:00		83	116			**137**	60				
08:15		86	103			**132**	67				
08:30		77	95			122	52				
08:45		91	84	337	398	96	29	487	208	824	606
09:00		74	75			103	55				
09:15		102	77			88	37				
09:30		95	67			112	33				
09:45		102	57	373	276	111	27	414	152	787	428
10:00		99	46			113	27				
10:15		113	43			112	26				
10:30		101	34			106	17				
10:45		112	30	425	153	124	23	455	93	880	246
11:00		**124**	37			121	12				
11:15		**122**	10			108	19				
11:30		**135**	23			137	11				
11:45		**135**	15	516	85	118	6	484	48	1000	133
Total		2260	6810	2260	6810	2930	4227	2930	4227	5190	11037
Combined Total		9070		9070		7157		7157		16227	
AM Peak	-	11:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	516	-	-	-	600	-	-	-	-	-
P.H.F.		0.956				0.773					
PM Peak	-	-	05:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	1071	-	-	-	563	-	-	-	-
P.H.F.			0.917				0.945				
Percentage		24.9%	75.1%			40.9%	59.1%				
ADT/AADT		ADT 16,227		AADT 16,227							

Counts Unlimited, Inc.

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City of Redlands
Mariposa Drive
B/ Wabash Avenue - Country Club Drive
24 Hour Directional Volume Count

RED071
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	7			0	2				
12:15		1	5			0	0				
12:30		0	7			0	3				
12:45		0	10	3	29	0	4	0	9	3	38
01:00		0	6			0	4				
01:15		0	5			0	4				
01:30		0	6			1	**4**				
01:45		0	**7**	0	24	0	**4**	1	16	1	40
02:00		0	**15**			0	**6**				
02:15		0	**7**			0	**5**				
02:30		0	**8**			0	4				
02:45		0	3	0	33	0	2	0	17	0	50
03:00		1	10			0	1				
03:15		0	7			0	4				
03:30		0	6			0	4				
03:45		0	6	1	29	0	1	0	10	1	39
04:00		0	13			0	2				
04:15		0	5			0	3				
04:30		0	4			0	1				
04:45		0	7	0	29	0	2	0	8	0	37
05:00		0	16			0	2				
05:15		1	4			1	5				
05:30		1	8			0	1				
05:45		0	4	2	32	2	3	3	11	5	43
06:00		2	3			1	3				
06:15		2	8			0	1				
06:30		0	6			0	1				
06:45		1	6	5	23	5	1	6	6	11	29
07:00		3	5			3	4				
07:15		**7**	5			5	2				
07:30		**4**	2			**19**	1				
07:45		**7**	3	21	15	**9**	1	36	8	57	23
08:00		**5**	3			**8**	0				
08:15		3	4			**6**	1				
08:30		6	7			3	0				
08:45		1	2	15	16	3	0	20	1	35	17
09:00		2	4			4	1				
09:15		4	0			3	0				
09:30		3	2			5	1				
09:45		3	2	12	8	3	0	15	2	27	10
10:00		3	1			4	1				
10:15		4	1			3	1				
10:30		3	1			2	1				
10:45		5	2	15	5	4	0	13	3	28	8
11:00		3	0			5	0				
11:15		2	2			2	2				
11:30		3	2			2	0				
11:45		4	0	12	4	2	0	11	2	23	6
Total		86	247	86	247	105	93	105	93	191	340
Combined Total		333		333		198		198		531	
AM Peak	-	07:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	23	-	-	-	42	-	-	-	-	-
P.H.F.		0.821				0.553					
PM Peak	-	-	01:45	-	-	-	01:30	-	-	-	-
Vol.	-	-	37	-	-	-	19	-	-	-	-
P.H.F.			0.617				0.792				
Percentage		25.8%	74.2%			53.0%	47.0%				
ADT/AADT		ADT 531		AADT 531							

Counts Unlimited, Inc.

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City of Redlands
Mariposa Drive
B/ Country Club Drive - Garden Street
24 Hour Directional Volume Count

RED072
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	24			0	24				
12:15		1	21			0	16				
12:30		2	26			0	11				
12:45		1	22	7	93	0	16	0	67	7	160
01:00		1	21			2	24				
01:15		0	9			1	19				
01:30		0	32			0	14				
01:45		0	29	1	91	0	**28**	3	85	4	176
02:00		0	41			0	**30**				
02:15		0	22			0	**46**				
02:30		0	21			0	**26**				
02:45		0	26	0	110	0	26	0	128	0	238
03:00		1	32			0	13				
03:15		0	34			0	34				
03:30		0	44			0	23				
03:45		0	41	1	151	0	29	0	99	1	250
04:00		0	53			1	25				
04:15		0	32			2	17				
04:30		0	38			2	30				
04:45		0	**50**	0	173	2	21	7	93	7	266
05:00		1	**47**			0	18				
05:15		5	**43**			4	23				
05:30		2	**40**			2	37				
05:45		2	34	10	164	3	22	9	100	19	264
06:00		6	35			7	23				
06:15		5	34			9	16				
06:30		2	26			8	13				
06:45		4	17	17	112	21	14	45	66	62	178
07:00		20	24			15	27				
07:15		17	24			21	13				
07:30		**29**	14			**54**	18				
07:45		**23**	19	89	81	**58**	12	148	70	237	151
08:00		**29**	12			**41**	9				
08:15		**25**	16			**36**	13				
08:30		21	14			16	4				
08:45		27	7	102	49	18	3	111	29	213	78
09:00		26	12			34	7				
09:15		24	8			25	9				
09:30		19	10			19	3				
09:45		17	5	86	35	20	4	98	23	184	58
10:00		18	8			18	5				
10:15		26	4			23	0				
10:30		19	6			21	1				
10:45		17	4	80	22	16	2	78	8	158	30
11:00		22	2			35	0				
11:15		17	2			24	1				
11:30		19	4			19	2				
11:45		21	1	79	9	22	1	100	4	179	13
Total		472	1090	472	1090	599	772	599	772	1071	1862
Combined Total		1562		1562		1371		1371		2933	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	106	-	-	-	189	-	-	-	-	-
P.H.F.		0.914				0.815					
PM Peak	-	-	04:45	-	-	-	01:45	-	-	-	-
Vol.	-	-	180	-	-	-	130	-	-	-	-
P.H.F.			0.900				0.707				
Percentage		30.2%	69.8%			43.7%	56.3%				
ADT/AADT		ADT 2,933		AADT 2,933							

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City of Redlands
Mariposa Drive
B/ Halsey Street - Dwight Street
24 Hour Directional Volume Count

RED073
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	3			0	1				
12:15		0	1			0	3				
12:30		0	1			0	0				
12:45		0	0	0	5	0	1	0	5	0	10
01:00		0	1			0	1				
01:15		0	1			0	0				
01:30		0	1			0	1				
01:45		0	1	0	4	0	1	0	3	0	7
02:00		0	1			0	1				
02:15		0	1			0	**2**				
02:30		0	3			0	**3**				
02:45		0	2	0	7	0	**2**	0	8	0	15
03:00		0	0			0	**2**				
03:15		0	0			0	0				
03:30		0	2			0	1				
03:45		0	3	0	5	0	0	0	3	0	8
04:00		0	1			0	3				
04:15		0	2			0	1				
04:30		0	2			0	0				
04:45		1	0	1	5	0	0	0	4	1	9
05:00		0	2			0	5				
05:15		0	2			0	1				
05:30		0	1			0	0				
05:45		0	**1**	0	6	1	2	1	8	1	14
06:00		0	**0**			1	0				
06:15		0	**3**			0	1				
06:30		1	**5**			0	0				
06:45		0	0	1	8	1	0	2	1	3	9
07:00		**0**	0			1	0				
07:15		**2**	1			0	2				
07:30		**1**	3			**0**	0				
07:45		**3**	1	6	5	**1**	1	2	3	8	8
08:00		0	0			**4**	0				
08:15		0	1			**1**	0				
08:30		1	0			0	0				
08:45		2	0	3	1	1	0	6	0	9	1
09:00		2	0			3	0				
09:15		1	2			0	0				
09:30		0	0			1	0				
09:45		1	0	4	2	0	0	4	0	8	2
10:00		4	0			1	0				
10:15		0	0			0	0				
10:30		0	0			1	0				
10:45		2	0	6	0	2	0	4	0	10	0
11:00		1	0			0	0				
11:15		1	0			1	0				
11:30		2	0			2	0				
11:45		0	0	4	0	0	0	3	0	7	0
Total		25	48	25	48	22	35	22	35	47	83
Combined Total		73		73		57		57		130	
AM Peak	-	07:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	6	-	-	-	6	-	-	-	-	-
P.H.F.		0.500				0.375					
PM Peak	-	-	05:45	-	-	-	02:15	-	-	-	-
Vol.	-	-	9	-	-	-	9	-	-	-	-
P.H.F.			0.450				0.750				
Percentage		34.2%	65.8%			38.6%	61.4%				
ADT/AADT		ADT 130		AADT 130							

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City of Redlands
Mountain View Avenue
B/ Interstate 10 - Central Avenue
24 Hour Directional Volume Count

RED074
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		28	73			12	55				
12:15		32	84			25	59				
12:30		21	88			77	59				
12:45		30	105	111	350	38	63	152	236	263	586
01:00		22	**81**			17	79				
01:15		22	**99**			28	65				
01:30		27	**117**			44	108				
01:45		25	**147**	96	444	24	80	113	332	209	776
02:00		52	74			12	70				
02:15		36	85			38	80				
02:30		47	112			27	102				
02:45		76	96	211	367	20	85	97	337	308	704
03:00		36	94			28	77				
03:15		23	102			21	67				
03:30		24	93			41	114				
03:45		32	93	115	382	33	76	123	334	238	716
04:00		25	92			28	95				
04:15		38	96			34	67				
04:30		52	100			52	90				
04:45		63	75	178	363	55	**83**	169	335	347	698
05:00		35	72			81	**87**				
05:15		47	85			36	**106**				
05:30		52	78			46	**133**				
05:45		57	92	191	327	56	60	219	386	410	713
06:00		63	62			32	110				
06:15		67	89			27	94				
06:30		112	84			34	51				
06:45		**159**	86	401	321	38	44	131	299	532	620
07:00		**136**	62			45	101				
07:15		**147**	59			48	52				
07:30		**118**	67			**66**	37				
07:45		129	28	530	216	**57**	47	216	237	746	453
08:00		94	50			**76**	20				
08:15		105	50			**53**	30				
08:30		63	40			30	36				
08:45		73	46	335	186	42	36	201	122	536	308
09:00		72	32			46	46				
09:15		62	37			41	14				
09:30		66	30			34	26				
09:45		50	41	250	140	43	29	164	115	414	255
10:00		59	56			41	33				
10:15		49	23			44	30				
10:30		58	42			50	25				
10:45		49	44	215	165	40	13	175	101	390	266
11:00		55	34			52	44				
11:15		60	49			49	17				
11:30		56	32			43	46				
11:45		55	32	226	147	64	21	208	128	434	275
Total		2859	3408	2859	3408	1968	2962	1968	2962	4827	6370
Combined Total		6267		6267		4930		4930		11197	
AM Peak	-	06:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	560	-	-	-	252	-	-	-	-	-
P.H.F.		0.881				0.829					
PM Peak	-	-	01:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	444	-	-	-	409	-	-	-	-
P.H.F.			0.755				0.769				
Percentage		45.6%	54.4%			39.9%	60.1%				
ADT/AADT		ADT 11,197		AADT 11,197							

Counts Unlimited, Inc.

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City of Redlands
New York Street
B/ Colton Avenue - Lugonia Avenue
24 Hour Directional Volume Count

RED075
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	51			2	38				
12:15		4	41			1	47				
12:30		2	41			3	44				
12:45		2	42	13	175	2	47	8	176	21	351
01:00		1	47			1	**42**				
01:15		1	43			1	**44**				
01:30		1	54			2	**55**				
01:45		1	44	4	188	0	**49**	4	190	8	378
02:00		1	44			0	35				
02:15		1	44			1	46				
02:30		1	53			3	38				
02:45		0	56	3	197	0	45	4	164	7	361
03:00		3	37			0	35				
03:15		1	45			4	38				
03:30		2	46			3	33				
03:45		2	37	8	165	6	51	13	157	21	322
04:00		1	42			3	43				
04:15		2	41			6	56				
04:30		3	58			3	38				
04:45		6	37	12	178	8	37	20	174	32	352
05:00		0	**51**			4	39				
05:15		1	**51**			4	45				
05:30		6	**56**			5	51				
05:45		5	**51**	12	209	3	36	16	171	28	380
06:00		7	46			1	36				
06:15		4	36			6	33				
06:30		7	40			6	33				
06:45		11	35	29	157	29	28	42	130	71	287
07:00		10	32			26	33				
07:15		26	29			29	35				
07:30		21	19			21	24				
07:45		19	15	76	95	20	15	96	107	172	202
08:00		15	24			29	20				
08:15		33	23			37	20				
08:30		23	20			31	12				
08:45		30	10	101	77	28	9	125	61	226	138
09:00		39	12			35	12				
09:15		27	8			23	7				
09:30		21	13			23	15				
09:45		32	13	119	46	21	5	102	39	221	85
10:00		27	9			30	8				
10:15		29	5			26	8				
10:30		33	4			40	4				
10:45		**47**	4	136	22	36	3	132	23	268	45
11:00		**40**	11			**25**	4				
11:15		**44**	10			**38**	1				
11:30		**46**	1			**40**	6				
11:45		43	2	173	24	**38**	2	141	13	314	37
Total		686	1533	686	1533	703	1405	703	1405	1389	2938
Combined Total		2219		2219		2108		2108		4327	
AM Peak	-	10:45	-	-	-	11:00	-	-	-	-	-
Vol.	-	177	-	-	-	141	-	-	-	-	-
P.H.F.		0.941				0.881					
PM Peak	-	-	05:00	-	-	-	01:00	-	-	-	-
Vol.	-	-	209	-	-	-	190	-	-	-	-
P.H.F.			0.901				0.864				
Percentage		30.9%	69.1%			33.3%	66.7%				
ADT/AADT		ADT 4,327		AADT 4,327							

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City of Redlands
Olive Avenue
B/ Citrus Avenue - San Mateo Street
24 Hour Directional Volume Count

RED076
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	27			2	30				
12:15		3	41			4	40				
12:30		2	46			5	41				
12:45		0	41	8	155	2	33	13	144	21	299
01:00		1	43			0	26				
01:15		1	39			4	31				
01:30		1	36			0	33				
01:45		4	32	7	150	0	38	4	128	11	278
02:00		0	29			1	42				
02:15		0	**49**			0	42				
02:30		3	**34**			0	34				
02:45		0	**45**	3	157	0	30	1	148	4	305
03:00		1	**44**			1	36				
03:15		1	35			1	48				
03:30		1	41			0	40				
03:45		0	33	3	153	0	27	2	151	5	304
04:00		2	31			0	34				
04:15		1	32			0	30				
04:30		1	36			2	38				
04:45		0	33	4	132	1	**34**	3	136	7	268
05:00		3	38			4	**44**				
05:15		1	42			9	**46**				
05:30		6	38			6	**44**				
05:45		7	29	17	147	6	32	25	166	42	313
06:00		6	22			3	38				
06:15		8	23			4	25				
06:30		16	17			10	28				
06:45		26	22	56	84	18	21	35	112	91	196
07:00		13	24			17	17				
07:15		20	18			23	26				
07:30		35	22			**36**	16				
07:45		31	15	99	79	**50**	14	126	73	225	152
08:00		**50**	23			**61**	19				
08:15		**63**	17			**48**	11				
08:30		**41**	17			33	15				
08:45		**32**	18	186	75	22	13	164	58	350	133
09:00		21	15			39	14				
09:15		28	6			28	6				
09:30		28	5			27	7				
09:45		28	6	105	32	28	2	122	29	227	61
10:00		19	11			22	3				
10:15		32	3			21	6				
10:30		25	5			25	5				
10:45		28	2	104	21	29	2	97	16	201	37
11:00		30	1			22	4				
11:15		31	4			26	4				
11:30		35	3			34	1				
11:45		33	2	129	10	24	3	106	12	235	22
Total		721	1195	721	1195	698	1173	698	1173	1419	2368
Combined Total		1916		1916		1871		1871		3787	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	186	-	-	-	195	-	-	-	-	-
P.H.F.		0.738				0.799					
PM Peak	-	-	02:15	-	-	-	04:45	-	-	-	-
Vol.	-	-	172	-	-	-	168	-	-	-	-
P.H.F.			0.878				0.913				
Percentage		37.6%	62.4%			37.3%	62.7%				
ADT/AADT		ADT 3,787		AADT 3,787							

Counts Unlimited, Inc.

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City of Redlands
Olive Avenue
B/ San Mateo Street - Terracina Boulevard
24 Hour Directional Volume Count

RED077
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	26			7	32				
12:15		1	16			2	28				
12:30		1	24			1	37				
12:45		2	32	5	98	0	34	10	131	15	229
01:00		0	**47**			1	25				
01:15		1	**39**			4	38				
01:30		0	**52**			4	44				
01:45		0	**81**	1	219	1	2	10	109	11	328
02:00		5	38			3	48				
02:15		2	34			1	49				
02:30		1	30			0	33				
02:45		0	42	8	144	1	**54**	5	184	13	328
03:00		1	43			0	**37**				
03:15		1	65			1	**71**				
03:30		0	39			0	**61**				
03:45		2	38	4	185	1	40	2	209	6	394
04:00		0	48			3	45				
04:15		2	51			1	45				
04:30		5	42			3	45				
04:45		5	36	12	177	0	36	7	171	19	348
05:00		5	46			2	40				
05:15		11	30			6	42				
05:30		8	47			5	39				
05:45		4	39	28	162	6	37	19	158	47	320
06:00		2	41			7	32				
06:15		12	36			9	33				
06:30		22	21			17	43				
06:45		25	26	61	124	30	27	63	135	124	259
07:00		27	26			28	31				
07:15		34	18			24	27				
07:30		**38**	23			**51**	29				
07:45		**39**	19	138	86	**57**	22	160	109	298	195
08:00		**67**	13			**74**	17				
08:15		**49**	9			**51**	26				
08:30		30	12			40	23				
08:45		24	9	170	43	28	16	193	82	363	125
09:00		26	6			27	19				
09:15		26	6			26	9				
09:30		26	5			29	12				
09:45		48	5	126	22	30	6	112	46	238	68
10:00		27	2			34	7				
10:15		38	5			28	1				
10:30		27	2			38	4				
10:45		34	4	126	13	40	7	140	19	266	32
11:00		28	7			42	7				
11:15		32	3			46	1				
11:30		31	7			40	5				
11:45		33	1	124	18	30	4	158	17	282	35
Total		803	1291	803	1291	879	1370	879	1370	1682	2661
Combined Total		2094		2094		2249		2249		4343	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	193	-	-	-	233	-	-	-	-	-
P.H.F.		0.720				0.787					
PM Peak	-	-	01:00	-	-	-	02:45	-	-	-	-
Vol.	-	-	219	-	-	-	223	-	-	-	-
P.H.F.			0.676				0.785				
Percentage		38.3%	61.7%			39.1%	60.9%				
ADT/AADT		ADT 4,343		AADT 4,343							

Counts Unlimited, Inc.

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City of Redlands
Orange Street
B/ Lugonia Avenue - Pioneer Avenue
24 Hour Directional Volume Count

RED078
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	91			19	84				
12:15		6	92			9	76				
12:30		11	90			10	94				
12:45		7	78	30	351	11	90	49	344	79	695
01:00		18	125			11	119				
01:15		3	112			12	94				
01:30		4	119			5	64				
01:45		8	108	33	464	4	81	32	358	65	822
02:00		5	105			4	103				
02:15		5	123			7	136				
02:30		6	98			9	114				
02:45		3	119	19	445	6	97	26	450	45	895
03:00		3	131			5	130				
03:15		4	138			9	104				
03:30		15	112			8	117				
03:45		10	**137**	32	518	12	117	34	468	66	986
04:00		6	**147**			12	**138**				
04:15		7	**132**			15	**116**				
04:30		22	**138**			18	**125**				
04:45		15	132	50	549	20	**152**	65	531	115	1080
05:00		18	124			12	123				
05:15		12	131			21	99				
05:30		16	121			24	108				
05:45		25	113	71	489	28	133	85	463	156	952
06:00		29	131			34	112				
06:15		32	87			37	85				
06:30		40	101			44	97				
06:45		45	106	146	425	69	90	184	384	330	809
07:00		45	95			75	90				
07:15		68	97			104	74				
07:30		72	92			**114**	64				
07:45		77	92	262	376	**134**	61	427	289	689	665
08:00		**118**	77			**94**	65				
08:15		**104**	71			**127**	56				
08:30		**92**	68			86	44				
08:45		**83**	61	397	277	87	47	394	212	791	489
09:00		57	64			73	47				
09:15		64	43			59	50				
09:30		76	46			77	30				
09:45		71	39	268	192	76	38	285	165	553	357
10:00		71	49			55	34				
10:15		70	30			88	42				
10:30		76	35			83	32				
10:45		78	17	295	131	58	22	284	130	579	261
11:00		84	27			71	19				
11:15		68	15			88	20				
11:30		91	18			82	14				
11:45		96	18	339	78	86	13	327	66	666	144
Total		1942	4295	1942	4295	2192	3860	2192	3860	4134	8155
Combined Total		6237		6237		6052		6052		12289	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	397	-	-	-	469	-	-	-	-	-
P.H.F.		0.841				0.875					
PM Peak	-	-	03:45	-	-	-	04:00	-	-	-	-
Vol.	-	-	554	-	-	-	531	-	-	-	-
P.H.F.			0.942				0.873				
Percentage		31.1%	68.9%			36.2%	63.8%				
ADT/AADT		ADT 12,289		AADT 12,289							

Counts Unlimited, Inc.

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City of Redlands
Orange Street
B/ Pioneer Avenue - Hubbard Court
24 Hour Directional Volume Count

RED079
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	100			24	79				
12:15		12	113			14	84				
12:30		18	105			14	100				
12:45		12	98	46	416	18	103	70	366	116	782
01:00		18	109			16	128				
01:15		3	124			15	92				
01:30		4	144			5	78				
01:45		11	104	36	481	8	126	44	424	80	905
02:00		11	129			9	134				
02:15		10	163			14	163				
02:30		3	155			12	142				
02:45		6	120	30	567	4	182	39	621	69	1188
03:00		4	157			7	239				
03:15		10	**261**			14	207				
03:30		18	**327**			13	224				
03:45		13	**306**	45	1051	12	161	46	831	91	1882
04:00		12	**203**			12	185				
04:15		3	207			16	188				
04:30		11	246			14	168				
04:45		23	205	49	861	29	218	71	759	120	1620
05:00		26	205			26	**190**				
05:15		26	221			29	**214**				
05:30		34	177			46	**240**				
05:45		19	202	105	805	36	**250**	137	894	242	1699
06:00		50	138			27	149				
06:15		45	153			49	133				
06:30		76	157			38	110				
06:45		79	115	250	563	78	125	192	517	442	1080
07:00		77	137			101	90				
07:15		112	128			156	80				
07:30		**157**	110			**211**	99				
07:45		**182**	95	528	470	**319**	85	787	354	1315	824
08:00		**209**	138			**264**	58				
08:15		**215**	118			**165**	73				
08:30		111	81			112	54				
08:45		99	66	634	403	102	56	643	241	1277	644
09:00		68	64			89	66				
09:15		65	55			93	68				
09:30		70	61			76	44				
09:45		81	39	284	219	82	48	340	226	624	445
10:00		61	51			70	39				
10:15		80	56			77	32				
10:30		82	23			87	31				
10:45		89	23	312	153	80	21	314	123	626	276
11:00		85	30			72	38				
11:15		70	17			79	32				
11:30		94	25			82	20				
11:45		94	15	343	87	95	17	328	107	671	194
Total		2662	6076	2662	6076	3011	5463	3011	5463	5673	11539
Combined Total		8738		8738		8474		8474		17212	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	763	-	-	-	959	-	-	-	-	-
P.H.F.		0.887				0.752					
PM Peak	-	-	03:15	-	-	-	05:00	-	-	-	-
Vol.	-	-	1097	-	-	-	894	-	-	-	-
P.H.F.			0.839				0.894				
Percentage		30.5%	69.5%			35.5%	64.5%				
ADT/AADT		ADT 17,212		AADT 17,212							

Counts Unlimited, Inc.

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City of Redlands
Orange Street
B/ Hubbard Court - City Limits
24 Hour Directional Volume Count

RED080
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		15	118			10	78				
12:15		8	106			10	98				
12:30		8	83			8	112				
12:45		10	92	41	399	4	87	32	375	73	774
01:00		6	117			9	84				
01:15		9	100			10	96				
01:30		11	86			5	102				
01:45		9	132	35	435	15	115	39	397	74	832
02:00		8	132			3	120				
02:15		10	166			11	133				
02:30		3	152			7	149				
02:45		4	159	25	609	6	188	27	590	52	1199
03:00		7	155			7	238				
03:15		8	**264**			18	248				
03:30		13	**296**			17	240				
03:45		16	**219**	44	934	12	184	54	910	98	1844
04:00		4	**264**			4	245				
04:15		6	226			11	159				
04:30		24	204			11	166				
04:45		19	223	53	917	24	225	50	795	103	1712
05:00		17	260			21	**231**				
05:15		22	286			23	**270**				
05:30		24	226			30	**262**				
05:45		34	221	97	993	38	**234**	112	997	209	1990
06:00		40	180			24	133				
06:15		38	144			40	128				
06:30		93	130			58	105				
06:45		112	128	283	582	84	104	206	470	489	1052
07:00		79	112			102	90				
07:15		140	99			**154**	81				
07:30		**157**	111			**239**	91				
07:45		**191**	98	567	420	**328**	78	823	340	1390	760
08:00		**201**	113			**246**	68				
08:15		**213**	101			133	70				
08:30		134	77			97	52				
08:45		96	83	644	374	101	50	577	240	1221	614
09:00		64	80			94	67				
09:15		91	58			75	85				
09:30		70	54			69	53				
09:45		69	35	294	227	66	48	304	253	598	480
10:00		71	44			72	43				
10:15		92	42			77	26				
10:30		74	33			81	29				
10:45		77	28	314	147	83	27	313	125	627	272
11:00		86	33			67	35				
11:15		100	17			73	40				
11:30		90	21			78	17				
11:45		91	5	367	76	91	17	309	109	676	185
Total		2764	6113	2764	6113	2846	5601	2846	5601	5610	11714
Combined Total		8877		8877		8447		8447		17324	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	762	-	-	-	967	-	-	-	-	-
P.H.F.		0.894				0.737					
PM Peak	-	-	03:15	-	-	-	05:00	-	-	-	-
Vol.	-	-	1043	-	-	-	997	-	-	-	-
P.H.F.			0.881				0.923				
Percentage		31.1%	68.9%			33.7%	66.3%				
ADT/AADT		ADT 17,324		AADT 17,324							

Counts Unlimited, Inc.

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City of Redlands
Orange Tree Lane
B/ California Sreet - Nevada Street
24 Hour Directional Volume Count

RED081
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	39			2	45				
12:15		2	36			2	48				
12:30		5	29			2	34				
12:45		6	32	15	136	2	47	8	174	23	310
01:00		3	**38**			3	39				
01:15		4	**42**			0	49				
01:30		3	**44**			5	44				
01:45		2	**37**	12	161	0	49	8	181	20	342
02:00		3	20			1	57				
02:15		2	25			2	37				
02:30		4	32			4	50				
02:45		1	29	10	106	0	42	7	186	17	292
03:00		1	32			2	43				
03:15		8	34			1	38				
03:30		3	38			3	77				
03:45		9	39	21	143	0	46	6	204	27	347
04:00		6	26			10	53				
04:15		4	31			0	**55**				
04:30		7	37			4	**63**				
04:45		9	26	26	120	3	**60**	17	231	43	351
05:00		7	35			10	**88**				
05:15		16	26			4	50				
05:30		14	28			12	45				
05:45		21	25	58	114	5	30	31	213	89	327
06:00		18	30			12	57				
06:15		17	25			7	32				
06:30		16	8			12	30				
06:45		21	15	72	78	12	15	43	134	115	212
07:00		17	17			18	14				
07:15		23	23			20	26				
07:30		35	12			22	16				
07:45		43	15	118	67	37	8	97	64	215	131
08:00		41	12			33	6				
08:15		26	11			31	11				
08:30		**35**	5			34	15				
08:45		**42**	7	144	35	29	7	127	39	271	74
09:00		**43**	3			38	6				
09:15		**36**	7			27	6				
09:30		33	3			24	14				
09:45		30	7	142	20	33	6	122	32	264	52
10:00		24	7			23	4				
10:15		27	5			31	2				
10:30		25	5			37	4				
10:45		31	5	107	22	29	3	120	13	227	35
11:00		21	1			**39**	8				
11:15		34	0			**35**	1				
11:30		18	5			**36**	6				
11:45		43	5	116	11	**41**	2	151	17	267	28
Total		841	1013	841	1013	737	1488	737	1488	1578	2501
Combined Total		1854		1854		2225		2225		4079	
AM Peak	-	08:30	-	-	-	11:00	-	-	-	-	-
Vol.	-	156	-	-	-	151	-	-	-	-	-
P.H.F.		0.907				0.921					
PM Peak	-	-	01:00	-	-	-	04:15	-	-	-	-
Vol.	-	-	161	-	-	-	266	-	-	-	-
P.H.F.			0.915				0.756				
Percentage		45.4%	54.6%			33.1%	66.9%				
ADT/AADT		ADT 4,079		AADT 4,079							

Counts Unlimited, Inc.

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City of Redlands
Orange Tree Lane
B/ Nevada Street - Alabama Street
24 Hour Directional Volume Count

RED082
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	41			1	39				
12:15		3	38			1	34				
12:30		1	36			3	32				
12:45		1	32	7	147	0	**47**	5	152	12	299
01:00		3	46			1	**43**				
01:15		1	36			1	**40**				
01:30		0	30			1	**38**				
01:45		0	29	4	141	2	33	5	154	9	295
02:00		0	30			0	30				
02:15		2	34			2	36				
02:30		0	36			1	29				
02:45		0	31	2	131	0	26	3	121	5	252
03:00		0	28			1	18				
03:15		2	31			1	31				
03:30		1	46			3	31				
03:45		3	36	6	141	5	30	10	110	16	251
04:00		1	27			4	26				
04:15		0	**43**			1	28				
04:30		1	**47**			3	29				
04:45		3	**31**	5	148	7	27	15	110	20	258
05:00		2	**66**			6	28				
05:15		6	42			5	13				
05:30		2	29			7	18				
05:45		1	25	11	162	15	16	33	75	44	237
06:00		6	21			11	21				
06:15		2	26			12	14				
06:30		10	10			19	17				
06:45		11	13	29	70	23	7	65	59	94	129
07:00		13	17			26	12				
07:15		9	12			33	15				
07:30		12	17			**42**	14				
07:45		15	11	49	57	**56**	8	157	49	206	106
08:00		23	5			**50**	9				
08:15		15	14			**54**	9				
08:30		26	2			35	5				
08:45		24	5	88	26	43	6	182	29	270	55
09:00		29	5			43	3				
09:15		19	4			23	7				
09:30		28	3			24	4				
09:45		25	4	101	16	33	10	123	24	224	40
10:00		22	6			20	3				
10:15		**31**	2			30	7				
10:30		**27**	7			22	3				
10:45		**30**	1	110	16	22	2	94	15	204	31
11:00		**26**	5			37	1				
11:15		21	2			26	0				
11:30		19	1			30	2				
11:45		35	5	101	13	30	1	123	4	224	17
Total		513	1068	513	1068	815	902	815	902	1328	1970
Combined Total		1581		1581		1717		1717		3298	
AM Peak	-	10:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	114	-	-	-	202	-	-	-	-	-
P.H.F.		0.919				0.902					
PM Peak	-	-	04:15	-	-	-	00:45	-	-	-	-
Vol.	-	-	187	-	-	-	168	-	-	-	-
P.H.F.			0.708				0.894				
Percentage		32.4%	67.6%			47.5%	52.5%				
ADT/AADT		ADT 3,298		AADT 3,298							

Counts Unlimited, Inc.

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City of Redlands
Pacific Street
B/ Crescent Avenue - Carob Street
24 Hour Directional Volume Count

RED083
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	2			0	6				
12:15		0	1			0	3				
12:30		0	**5**			0	6				
12:45		0	**2**	0	10	0	1	0	16	0	26
01:00		0	**5**			0	2				
01:15		0	**3**			0	4				
01:30		0	4			0	2				
01:45		0	3	0	15	0	0	0	8	0	23
02:00		0	3			0	2				
02:15		0	4			0	1				
02:30		0	1			0	3				
02:45		0	2	0	10	0	5	0	11	0	21
03:00		2	2			0	3				
03:15		0	1			0	5				
03:30		0	0			0	5				
03:45		0	1	2	4	0	2	0	15	2	19
04:00		0	4			0	5				
04:15		0	3			0	3				
04:30		0	2			0	**6**				
04:45		0	1	0	10	0	**4**	0	18	0	28
05:00		2	5			0	**5**				
05:15		0	4			0	**5**				
05:30		1	1			0	3				
05:45		1	2	4	12	0	6	0	19	4	31
06:00		1	1			0	3				
06:15		2	2			1	2				
06:30		1	3			0	4				
06:45		1	3	5	9	1	3	2	12	7	21
07:00		1	1			2	7				
07:15		**4**	3			2	1				
07:30		**4**	1			2	1				
07:45		**5**	1	14	6	2	1	8	10	22	16
08:00		**6**	1			1	1				
08:15		2	2			**3**	1				
08:30		2	1			**5**	1				
08:45		1	0	11	4	**2**	3	11	6	22	10
09:00		3	0			**5**	1				
09:15		2	0			3	1				
09:30		3	2			1	3				
09:45		2	0	10	2	4	0	13	5	23	7
10:00		6	1			3	2				
10:15		2	1			3	1				
10:30		4	0			5	0				
10:45		1	0	13	2	2	0	13	3	26	5
11:00		2	0			0	0				
11:15		5	0			1	0				
11:30		2	1			2	0				
11:45		2	0	11	1	4	0	7	0	18	1
Total		70	85	70	85	54	123	54	123	124	208
Combined Total		155		155		177		177		332	
AM Peak	-	07:15	-	-	-	08:15	-	-	-	-	-
Vol.	-	19	-	-	-	15	-	-	-	-	-
P.H.F.		0.792				0.750					
PM Peak	-	-	00:30	-	-	-	04:30	-	-	-	-
Vol.	-	-	15	-	-	-	20	-	-	-	-
P.H.F.			0.750				0.833				
Percentage		45.2%	54.8%			30.5%	69.5%				
ADT/AADT		ADT 332		AADT 332							

Counts Unlimited, Inc.

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City of Redlands
Pacific Street
B/ Carob Street - Ridge Street
24 Hour Directional Volume Count

RED084
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	2			0	**2**				
12:15		0	**3**			0	**5**				
12:30		0	**9**			0	**4**				
12:45		0	**2**	0	16	0	**0**	0	11	0	27
01:00		0	**3**			0	1				
01:15		0	2			0	1				
01:30		1	2			0	3				
01:45		0	4	1	11	0	0	0	5	1	16
02:00		0	5			0	3				
02:15		0	1			0	2				
02:30		0	1			0	3				
02:45		0	0	0	7	0	2	0	10	0	17
03:00		1	1			1	1				
03:15		0	2			0	1				
03:30		0	0			0	4				
03:45		0	3	1	6	0	2	1	8	2	14
04:00		0	1			0	1				
04:15		0	3			0	3				
04:30		0	0			0	0				
04:45		0	2	0	6	0	1	0	5	0	11
05:00		0	1			0	3				
05:15		0	0			0	3				
05:30		0	2			1	3				
05:45		2	1	2	4	2	1	3	10	5	14
06:00		0	1			1	3				
06:15		0	1			0	2				
06:30		0	3			0	2				
06:45		2	1	2	6	2	2	3	9	5	15
07:00		0	1			3	2				
07:15		**5**	0			3	1				
07:30		**4**	1			0	1				
07:45		**1**	3	10	5	1	0	7	4	17	9
08:00		**3**	1			0	1				
08:15		1	0			1	0				
08:30		1	0			4	1				
08:45		1	0	6	1	2	2	7	4	13	5
09:00		2	0			2	0				
09:15		0	1			0	0				
09:30		1	1			**3**	2				
09:45		1	0	4	2	**2**	0	7	2	11	4
10:00		3	1			**3**	1				
10:15		1	0			**2**	1				
10:30		2	0			3	0				
10:45		1	0	7	1	0	0	8	2	15	3
11:00		2	0			0	0				
11:15		1	1			2	0				
11:30		4	0			1	0				
11:45		0	0	7	1	2	0	5	0	12	1
Total		40	66	40	66	41	70	41	70	81	136
Combined Total		106		106		111		111		217	
AM Peak	-	07:15	-	-	-	09:30	-	-	-	-	-
Vol.	-	13	-	-	-	10	-	-	-	-	-
P.H.F.		0.650				0.625					
PM Peak	-	-	00:15	-	-	-	12:00	-	-	-	-
Vol.	-	-	17	-	-	-	11	-	-	-	-
P.H.F.			0.472				0.550				
Percentage		37.7%	62.3%			36.9%	63.1%				
ADT/AADT		ADT 217		AADT 217							

Counts Unlimited, Inc.

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City of Redlands
Palm Avenue
B/ Serpentine Drive - San Mateo Street
24 Hour Directional Volume Count

RED085
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	13			0	10				
12:15		0	7			0	8				
12:30		1	3			1	11				
12:45		1	5	2	28	0	11	1	40	3	68
01:00		0	7			0	17				
01:15		0	9			0	9				
01:30		0	7			0	2				
01:45		0	8	0	31	0	8	0	36	0	67
02:00		0	9			0	21				
02:15		0	11			0	8				
02:30		0	8			1	8				
02:45		0	5	0	33	0	**14**	1	51	1	84
03:00		0	10			1	**9**				
03:15		1	11			1	**18**				
03:30		0	12			0	**13**				
03:45		0	11	1	44	0	8	2	48	3	92
04:00		1	16			0	9				
04:15		0	10			1	8				
04:30		0	8			0	3				
04:45		1	**13**	2	47	0	5	1	25	3	72
05:00		1	**11**			2	10				
05:15		2	**17**			0	4				
05:30		2	**15**			2	12				
05:45		0	10	5	53	4	9	8	35	13	88
06:00		2	12			5	7				
06:15		3	14			8	7				
06:30		2	11			3	7				
06:45		5	4	12	41	5	7	21	28	33	69
07:00		11	8			10	3				
07:15		12	6			9	6				
07:30		6	3			**24**	2				
07:45		8	3	37	20	**38**	3	81	14	118	34
08:00		**12**	2			**25**	3				
08:15		**13**	2			**24**	5				
08:30		**11**	4			19	5				
08:45		**11**	2	47	10	13	3	81	16	128	26
09:00		6	2			11	2				
09:15		7	0			4	4				
09:30		8	3			6	4				
09:45		8	0	29	5	6	2	27	12	56	17
10:00		10	3			9	2				
10:15		3	0			5	0				
10:30		5	0			7	1				
10:45		5	0	23	3	7	1	28	4	51	7
11:00		7	0			6	0				
11:15		11	0			11	0				
11:30		10	0			4	1				
11:45		7	0	35	0	11	2	32	3	67	3
Total		193	315	193	315	283	312	283	312	476	627
Combined Total		508		508		595		595		1103	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	47	-	-	-	111	-	-	-	-	-
P.H.F.		0.904				0.730					
PM Peak	-	-	04:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	56	-	-	-	54	-	-	-	-
P.H.F.			0.824				0.750				
Percentage		38.0%	62.0%			47.6%	52.4%				
ADT/AADT		ADT 1,103		AADT 1,103							

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City of Redlands
Palm Avenue
B/ San Mateo Street - Ford Street
24 Hour Directional Volume Count

RED086
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	43			0	38				
12:15		3	44			1	27				
12:30		1	40			3	43				
12:45		0	35	5	162	0	31	4	139	9	301
01:00		0	47			1	34				
01:15		0	31			0	26				
01:30		1	29			1	30				
01:45		0	66	1	173	0	32	2	122	3	295
02:00		1	37			0	69				
02:15		0	42			1	52				
02:30		0	35			0	38				
02:45		1	49	2	163	1	46	2	205	4	368
03:00		2	33			1	39				
03:15		2	**46**			1	54				
03:30		0	**54**			2	48				
03:45		2	**44**	6	177	2	47	6	188	12	365
04:00		2	**41**			1	53				
04:15		0	41			1	53				
04:30		1	42			2	**54**				
04:45		3	43	6	167	4	**48**	8	208	14	375
05:00		4	36			3	**59**				
05:15		1	48			9	**67**				
05:30		6	28			5	47				
05:45		8	44	19	156	10	38	27	211	46	367
06:00		9	43			4	39				
06:15		12	35			7	45				
06:30		19	37			14	33				
06:45		30	29	70	144	14	38	39	155	109	299
07:00		28	35			24	24				
07:15		47	39			37	27				
07:30		**54**	27			**62**	14				
07:45		**63**	13	192	114	**89**	13	212	78	404	192
08:00		**37**	15			**56**	9				
08:15		**56**	22			**48**	9				
08:30		36	13			42	12				
08:45		37	21	166	71	31	11	177	41	343	112
09:00		29	16			29	5				
09:15		31	13			27	5				
09:30		35	5			26	5				
09:45		29	5	124	39	27	4	109	19	233	58
10:00		36	9			24	3				
10:15		29	4			39	6				
10:30		34	3			15	3				
10:45		28	8	127	24	29	1	107	13	234	37
11:00		24	3			27	3				
11:15		36	2			31	1				
11:30		25	1			37	2				
11:45		40	2	125	8	31	0	126	6	251	14
Total		843	1398	843	1398	819	1385	819	1385	1662	2783
Combined Total		2241		2241		2204		2204		4445	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	210	-	-	-	255	-	-	-	-	-
P.H.F.		0.833				0.716					
PM Peak	-	-	03:15	-	-	-	04:30	-	-	-	-
Vol.	-	-	185	-	-	-	228	-	-	-	-
P.H.F.			0.856				0.851				
Percentage		37.6%	62.4%			37.2%	62.8%				
ADT/AADT		ADT 4,445		AADT 4,445							

Counts Unlimited, Inc.

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City of Redlands
Palmetto Avenue
B/ Nevada Street - California Street
24 Hour Directional Volume Count

RED087
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	16			6	11				
12:15		1	17			1	7				
12:30		1	25			1	19				
12:45		2	17	8	75	2	28	10	65	18	140
01:00		6	15			2	22				
01:15		1	9			0	17				
01:30		9	39			1	36				
01:45		1	47	17	110	3	22	6	97	23	207
02:00		7	21			0	**29**				
02:15		2	22			4	**21**				
02:30		4	40			12	**28**				
02:45		5	22	18	105	7	**32**	23	110	41	215
03:00		2	21			0	9				
03:15		4	30			1	13				
03:30		6	31			12	23				
03:45		7	28	19	110	25	24	38	69	57	179
04:00		2	18			8	12				
04:15		8	23			3	18				
04:30		12	**36**			24	23				
04:45		23	**36**	45	113	33	14	68	67	113	180
05:00		6	**36**			17	20				
05:15		7	**28**			4	13				
05:30		15	27			10	18				
05:45		20	14	48	105	25	7	56	58	104	163
06:00		9	13			11	10				
06:15		7	8			3	4				
06:30		11	13			12	12				
06:45		12	7	39	41	15	10	41	36	80	77
07:00		13	8			13	6				
07:15		11	10			18	7				
07:30		21	9			**23**	10				
07:45		15	8	60	35	**34**	6	88	29	148	64
08:00		13	8			**26**	6				
08:15		7	5			**20**	6				
08:30		11	5			18	8				
08:45		14	7	45	25	27	6	91	26	136	51
09:00		13	4			13	3				
09:15		15	3			7	8				
09:30		13	5			13	6				
09:45		6	5	47	17	17	6	50	23	97	40
10:00		18	5			7	5				
10:15		11	3			14	30				
10:30		14	5			16	7				
10:45		14	8	57	21	13	10	50	52	107	73
11:00		**17**	6			11	7				
11:15		**18**	2			10	15				
11:30		**21**	4			15	5				
11:45		**15**	4	71	16	9	3	45	30	116	46
Total		474	773	474	773	566	662	566	662	1040	1435
Combined Total		1247		1247		1228		1228		2475	
AM Peak	-	11:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	71	-	-	-	103	-	-	-	-	-
P.H.F.		0.845				0.757					
PM Peak	-	-	04:30	-	-	-	02:00	-	-	-	-
Vol.	-	-	136	-	-	-	110	-	-	-	-
P.H.F.			0.944				0.859				
Percentage		38.0%	62.0%			46.1%	53.9%				
ADT/AADT		ADT 2,475		AADT 2,475							

Counts Unlimited, Inc.

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City of Redlands
Palmetto Avenue
B/ California Street - Marigold Avenue
24 Hour Directional Volume Count

RED088
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	11			1	9				
12:15		0	12			0	9				
12:30		1	21			1	13				
12:45		2	17	5	61	0	24	2	55	7	116
01:00		1	12			0	9				
01:15		0	**16**			0	**11**				
01:30		3	**37**			5	**28**				
01:45		0	**40**	4	105	0	**18**	5	66	9	171
02:00		1	**21**			1	**16**				
02:15		1	15			2	11				
02:30		4	17			3	15				
02:45		5	12	11	65	3	14	9	56	20	121
03:00		1	9			2	5				
03:15		4	17			2	7				
03:30		2	11			9	22				
03:45		7	7	14	44	17	10	30	44	44	88
04:00		3	18			10	5				
04:15		7	8			3	15				
04:30		3	17			**23**	10				
04:45		7	14	20	57	**35**	12	71	42	91	99
05:00		8	9			**31**	8				
05:15		8	5			**18**	4				
05:30		8	12			14	6				
05:45		7	8	31	34	18	5	81	23	112	57
06:00		9	5			19	5				
06:15		3	3			4	4				
06:30		7	9			9	7				
06:45		3	1	22	18	8	2	40	18	62	36
07:00		8	5			8	4				
07:15		3	4			11	4				
07:30		11	3			18	0				
07:45		7	2	29	14	11	3	48	11	77	25
08:00		6	4			10	1				
08:15		5	0			9	2				
08:30		**14**	1			15	3				
08:45		**11**	1	36	6	13	0	47	6	83	12
09:00		**13**	4			3	1				
09:15		**9**	0			13	2				
09:30		9	3			13	2				
09:45		5	2	36	9	8	1	37	6	73	15
10:00		5	3			4	0				
10:15		11	1			10	2				
10:30		16	3			10	3				
10:45		5	2	37	9	9	1	33	6	70	15
11:00		11	2			10	0				
11:15		8	0			9	1				
11:30		10	1			8	2				
11:45		10	0	39	3	7	2	34	5	73	8
Total		284	425	284	425	437	338	437	338	721	763
Combined Total		709		709		775		775		1484	
AM Peak	-	08:30	-	-	-	04:30	-	-	-	-	-
Vol.	-	47	-	-	-	107	-	-	-	-	-
P.H.F.		0.839				0.764					
PM Peak	-	-	01:15	-	-	-	01:15	-	-	-	-
Vol.	-	-	114	-	-	-	73	-	-	-	-
P.H.F.			0.713				0.652				
Percentage		40.1%	59.9%			56.4%	43.6%				
ADT/AADT		ADT 1,484		AADT 1,484							

Counts Unlimited, Inc.

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City of Redlands
Palo Alto Drive
B/ Country Club Drive - Mirasol Drive
24 Hour Directional Volume Count

RED089
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	8			0	7				
12:15		0	11			0	5				
12:30		0	6			0	11				
12:45		0	4	0	29	0	5	0	28	0	57
01:00		1	17			0	9				
01:15		0	**10**			1	3				
01:30		0	**13**			0	**12**				
01:45		0	**15**	1	55	0	**11**	1	35	2	90
02:00		1	**29**			0	**35**				
02:15		0	4			0	**20**				
02:30		0	11			0	12				
02:45		0	12	1	56	0	11	0	78	1	134
03:00		0	15			0	16				
03:15		0	11			0	9				
03:30		0	9			1	11				
03:45		0	8	0	43	0	8	1	44	1	87
04:00		0	10			1	5				
04:15		0	8			1	10				
04:30		0	12			1	8				
04:45		0	14	0	44	0	7	3	30	3	74
05:00		0	14			1	12				
05:15		0	14			0	8				
05:30		0	21			1	13				
05:45		2	18	2	67	2	7	4	40	6	107
06:00		2	12			4	15				
06:15		2	12			3	3				
06:30		1	6			3	12				
06:45		3	6	8	36	9	3	19	33	27	69
07:00		3	6			4	5				
07:15		**8**	6			8	0				
07:30		**15**	5			**26**	3				
07:45		**29**	9	55	26	**37**	4	75	12	130	38
08:00		**7**	6			**24**	0				
08:15		5	10			**18**	0				
08:30		4	6			11	1				
08:45		6	1	22	23	14	1	67	2	89	25
09:00		6	1			11	0				
09:15		7	1			12	2				
09:30		6	3			7	4				
09:45		7	1	26	6	15	2	45	8	71	14
10:00		8	1			12	0				
10:15		7	1			10	0				
10:30		4	0			8	1				
10:45		6	0	25	2	5	1	35	2	60	4
11:00		11	0			10	0				
11:15		9	1			8	1				
11:30		9	0			11	0				
11:45		5	0	34	1	10	0	39	1	73	2
Total		174	388	174	388	289	313	289	313	463	701
Combined Total		562		562		602		602		1164	
AM Peak	-	07:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	59	-	-	-	105	-	-	-	-	-
P.H.F.		0.509				0.709					
PM Peak	-	-	01:15	-	-	-	01:30	-	-	-	-
Vol.	-	-	67	-	-	-	78	-	-	-	-
P.H.F.			0.578				0.557				
Percentage		31.0%	69.0%			48.0%	52.0%				
ADT/AADT		ADT 1,164		AADT 1,164							

Counts Unlimited, Inc.

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City of Redlands
Palo Alto Drive
B/ Mirasol Drive - Sunset Drive
24 Hour Directional Volume Count

RED090
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	10			0	7				
12:15		0	2			0	2				
12:30		0	5			0	7				
12:45		0	1	0	18	0	7	0	23	0	41
01:00		1	10			0	4				
01:15		0	7			0	3				
01:30		0	4			0	**12**				
01:45		0	6	1	27	0	**14**	0	33	1	60
02:00		3	**26**			0	**20**				
02:15		0	**8**			0	**9**				
02:30		0	**14**			0	6				
02:45		0	**12**	3	60	0	6	0	41	3	101
03:00		0	8			0	6				
03:15		0	5			0	5				
03:30		0	9			0	7				
03:45		3	4	3	26	0	4	0	22	3	48
04:00		0	14			1	5				
04:15		0	7			1	1				
04:30		0	10			2	3				
04:45		0	7	0	38	1	4	5	13	5	51
05:00		0	17			1	9				
05:15		0	9			1	5				
05:30		0	17			0	3				
05:45		1	9	1	52	3	3	5	20	6	72
06:00		2	7			4	9				
06:15		0	8			4	2				
06:30		1	3			3	7				
06:45		2	2	5	20	9	3	20	21	25	41
07:00		2	5			9	3				
07:15		3	3			**10**	2				
07:30		**5**	4			**24**	4				
07:45		**10**	1	20	13	**40**	6	83	15	103	28
08:00		**9**	7			**11**	0				
08:15		**4**	2			7	1				
08:30		3	2			5	1				
08:45		0	4	16	15	7	2	30	4	46	19
09:00		4	2			6	0				
09:15		4	0			6	2				
09:30		2	0			4	3				
09:45		5	0	15	2	7	1	23	6	38	8
10:00		6	2			5	0				
10:15		2	2			13	0				
10:30		6	0			6	0				
10:45		8	0	22	4	6	1	30	1	52	5
11:00		5	1			4	0				
11:15		4	2			2	0				
11:30		6	0			10	0				
11:45		6	0	21	3	11	0	27	0	48	3
Total		107	278	107	278	223	199	223	199	330	477
Combined Total		385		385		422		422		807	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	28	-	-	-	85	-	-	-	-	-
P.H.F.		0.700				0.531					
PM Peak	-	-	02:00	-	-	-	01:30	-	-	-	-
Vol.	-	-	60	-	-	-	55	-	-	-	-
P.H.F.			0.577				0.688				
Percentage		27.8%	72.2%			52.8%	47.2%				
ADT/AADT		ADT 807		AADT 807							

Counts Unlimited, Inc.

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City of Redlands
Pennsylvania Avenue
B/ Texas Street - Orange Street
24 Hour Directional Volume Count

RED091
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	16			2	12				
12:15		0	14			1	18				
12:30		4	17			2	27				
12:45		1	29	10	76	1	16	6	73	16	149
01:00		2	19			1	41				
01:15		1	28			1	21				
01:30		1	22			1	24				
01:45		0	22	4	91	1	17	4	103	8	194
02:00		0	27			1	28				
02:15		2	21			0	23				
02:30		2	19			1	22				
02:45		2	21	6	88	0	12	2	85	8	173
03:00		0	41			1	23				
03:15		0	27			1	**54**				
03:30		0	27			3	**59**				
03:45		1	45	1	140	1	**29**	6	165	7	305
04:00		1	36			3	**29**				
04:15		0	26			1	25				
04:30		3	33			2	30				
04:45		0	33	4	128	2	18	8	102	12	230
05:00		3	**54**			4	29				
05:15		3	**46**			7	36				
05:30		4	**40**			4	26				
05:45		6	**41**	16	181	6	28	21	119	37	300
06:00		5	39			4	21				
06:15		3	12			7	14				
06:30		3	23			19	23				
06:45		10	25	21	99	20	26	50	84	71	183
07:00		18	24			26	35				
07:15		30	21			29	16				
07:30		**31**	19			**33**	18				
07:45		**28**	26	107	90	**55**	17	143	86	250	176
08:00		**26**	13			**43**	10				
08:15		**37**	18			**43**	18				
08:30		22	14			27	11				
08:45		13	12	98	57	19	6	132	45	230	102
09:00		8	12			11	15				
09:15		12	11			14	9				
09:30		14	11			17	5				
09:45		10	12	44	46	20	13	62	42	106	88
10:00		14	12			23	12				
10:15		19	5			19	6				
10:30		10	3			10	4				
10:45		21	3	64	23	19	2	71	24	135	47
11:00		12	3			14	2				
11:15		16	3			27	7				
11:30		17	4			17	2				
11:45		10	6	55	16	16	4	74	15	129	31
Total		430	1035	430	1035	579	943	579	943	1009	1978
Combined Total		1465		1465		1522		1522		2987	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	122	-	-	-	174	-	-	-	-	-
P.H.F.		0.824				0.791					
PM Peak	-	-	05:00	-	-	-	03:15	-	-	-	-
Vol.	-	-	181	-	-	-	171	-	-	-	-
P.H.F.			0.838				0.725				
Percentage		29.4%	70.6%			38.0%	62.0%				
ADT/AADT		ADT 2,987		AADT 2,987							

Counts Unlimited, Inc.

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City of Redlands
Pennsylvania Avenue
B/ Orange Street - Church Street
24 Hour Directional Volume Count

RED092
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	13			1	10				
12:15		0	11			0	17				
12:30		3	10			2	22				
12:45		0	11	4	45	0	23	3	72	7	117
01:00		0	50			1	16				
01:15		1	21			0	12				
01:30		2	15			1	6				
01:45		3	12	6	98	0	16	2	50	8	148
02:00		0	13			0	17				
02:15		2	16			1	20				
02:30		0	20			3	18				
02:45		1	20	3	69	1	**35**	5	90	8	159
03:00		0	33			0	**41**				
03:15		1	31			2	**41**				
03:30		0	53			2	**42**				
03:45		1	27	2	144	1	19	5	143	7	287
04:00		0	24			0	23				
04:15		1	26			1	20				
04:30		0	**44**			1	28				
04:45		1	**34**	2	128	2	20	4	91	6	219
05:00		1	**40**			4	24				
05:15		1	**35**			1	31				
05:30		2	37			1	25				
05:45		6	40	10	152	2	28	8	108	18	260
06:00		3	37			2	20				
06:15		3	16			7	11				
06:30		4	24			6	9				
06:45		4	12	14	89	13	23	28	63	42	152
07:00		12	24			20	15				
07:15		25	15			33	16				
07:30		**41**	20			69	15				
07:45		**30**	14	108	73	**53**	16	175	62	283	135
08:00		**32**	10			**82**	15				
08:15		**36**	11			**120**	18				
08:30		40	10			**102**	15				
08:45		9	11	117	42	17	4	321	52	438	94
09:00		12	8			8	4				
09:15		6	5			7	7				
09:30		6	2			12	3				
09:45		8	5	32	20	12	4	39	18	71	38
10:00		3	4			8	9				
10:15		10	3			6	7				
10:30		11	2			13	3				
10:45		7	5	31	14	9	3	36	22	67	36
11:00		12	4			7	4				
11:15		12	4			9	0				
11:30		10	4			11	3				
11:45		6	0	40	12	16	0	43	7	83	19
Total		369	886	369	886	669	778	669	778	1038	1664
Combined Total		1255		1255		1447		1447		2702	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	139	-	-	-	357	-	-	-	-	-
P.H.F.		0.848				0.744					
PM Peak	-	-	04:30	-	-	-	02:45	-	-	-	-
Vol.	-	-	153	-	-	-	159	-	-	-	-
P.H.F.			0.722				0.946				
Percentage		29.4%	70.6%			46.2%	53.8%				
ADT/AADT		ADT 2,702		AADT 2,702							

Counts Unlimited, Inc.

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City of Redlands
Pennsylvania Avenue
B/ Church Street - University Street
24 Hour Directional Volume Count

RED093
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	13			0	7				
12:15		1	8			1	12				
12:30		0	9			0	5				
12:45		0	8	1	38	1	9	2	33	3	71
01:00		0	9			0	7				
01:15		1	18			1	5				
01:30		0	14			1	6				
01:45		1	13	2	54	0	11	2	29	4	83
02:00		0	10			0	22				
02:15		2	12			0	12				
02:30		0	14			0	6				
02:45		1	8	3	44	0	14	0	54	3	98
03:00		0	**16**			0	**31**				
03:15		1	**46**			1	**26**				
03:30		0	**62**			1	**26**				
03:45		1	**28**	2	152	0	**17**	2	100	4	252
04:00		1	12			2	11				
04:15		0	24			1	18				
04:30		0	31			0	18				
04:45		0	22	1	89	0	13	3	60	4	149
05:00		0	35			4	14				
05:15		1	25			0	14				
05:30		1	18			6	19				
05:45		2	27	4	105	2	18	12	65	16	170
06:00		2	22			2	11				
06:15		2	14			2	14				
06:30		4	9			4	14				
06:45		4	17	12	62	9	15	17	54	29	116
07:00		7	18			8	7				
07:15		12	15			11	3				
07:30		20	14			19	12				
07:45		**14**	9	53	56	**28**	9	66	31	119	87
08:00		**21**	3			**35**	6				
08:15		**31**	9			**65**	5				
08:30		**25**	8			**36**	4				
08:45		5	12	82	32	15	4	151	19	233	51
09:00		3	15			6	2				
09:15		7	7			6	0				
09:30		10	3			4	2				
09:45		4	1	24	26	16	0	32	4	56	30
10:00		5	3			8	5				
10:15		3	3			2	4				
10:30		7	5			10	1				
10:45		7	2	22	13	6	1	26	11	48	24
11:00		10	3			2	3				
11:15		12	2			6	1				
11:30		11	1			4	2				
11:45		10	2	43	8	11	2	23	8	66	16
Total		249	679	249	679	336	468	336	468	585	1147
Combined Total		928		928		804		804		1732	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	91	-	-	-	164	-	-	-	-	-
P.H.F.		0.734				0.631					
PM Peak	-	-	03:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	152	-	-	-	100	-	-	-	-
P.H.F.			0.613				0.806				
Percentage		26.8%	73.2%			41.8%	58.2%				
ADT/AADT		ADT 1,732		AADT 1,732							

Counts Unlimited, Inc.

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City of Redlands
Pennsylvania Avenue
B/ University Street - Judson Street
24 Hour Directional Volume Count

RED094
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	10			0	7				
12:15		0	19			0	6				
12:30		0	20			2	8				
12:45		1	16	1	65	0	12	2	33	3	98
01:00		1	10			0	30				
01:15		2	12			0	14				
01:30		0	5			0	7				
01:45		0	8	3	35	0	12	0	63	3	98
02:00		0	**13**			0	**20**				
02:15		2	**37**			1	**20**				
02:30		0	**48**			1	**25**				
02:45		0	**20**	2	118	0	**18**	2	83	4	201
03:00		0	11			0	12				
03:15		0	22			1	12				
03:30		1	22			0	8				
03:45		1	20	2	75	1	16	2	48	4	123
04:00		1	20			0	18				
04:15		0	20			0	7				
04:30		2	12			2	11				
04:45		0	23	3	75	0	14	2	50	5	125
05:00		1	16			0	8				
05:15		2	20			1	12				
05:30		3	11			8	12				
05:45		6	14	12	61	10	14	19	46	31	107
06:00		7	12			5	13				
06:15		24	17			12	8				
06:30		**32**	5			**27**	7				
06:45		**17**	5	80	39	**34**	10	78	38	158	77
07:00		**16**	6			**26**	8				
07:15		**28**	6			**50**	3				
07:30		18	4			14	6				
07:45		7	6	69	22	9	3	99	20	168	42
08:00		3	6			5	4				
08:15		6	7			10	2				
08:30		10	1			7	4				
08:45		5	1	24	15	8	1	30	11	54	26
09:00		4	0			4	5				
09:15		6	4			4	3				
09:30		7	1			12	2				
09:45		8	2	25	7	7	0	27	10	52	17
10:00		7	3			1	2				
10:15		8	2			5	2				
10:30		8	1			5	2				
10:45		8	0	31	6	11	0	22	6	53	12
11:00		8	0			8	0				
11:15		10	1			4	0				
11:30		3	1			8	0				
11:45		12	0	33	2	8	0	28	0	61	2
Total		285	520	285	520	311	408	311	408	596	928
Combined Total		805		805		719		719		1524	
AM Peak	-	06:30	-	-	-	06:30	-	-	-	-	-
Vol.	-	93	-	-	-	137	-	-	-	-	-
P.H.F.		0.727				0.685					
PM Peak	-	-	02:00	-	-	-	02:00	-	-	-	-
Vol.	-	-	118	-	-	-	83	-	-	-	-
P.H.F.			0.615				0.830				
Percentage		35.4%	64.6%			43.3%	56.7%				
ADT/AADT		ADT 1,524		AADT 1,524							

Counts Unlimited, Inc.

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City of Redlands
Pioneer Avenue
B/ Texas Street - Orange Street
24 Hour Directional Volume Count

RED095
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	25			0	23				
12:15		4	24			2	26				
12:30		5	31			1	39				
12:45		2	43	12	123	2	31	5	119	17	242
01:00		2	35			1	37				
01:15		2	31			0	23				
01:30		1	43			0	26				
01:45		2	42	7	151	4	31	5	117	12	268
02:00		2	28			0	62				
02:15		0	85			0	43				
02:30		3	37			2	**60**				
02:45		1	43	6	193	0	**73**	2	238	8	431
03:00		1	40			3	**104**				
03:15		1	101			2	**54**				
03:30		2	54			8	58				
03:45		5	96	9	291	12	27	25	243	34	534
04:00		6	81			7	40				
04:15		3	91			7	31				
04:30		3	96			12	43				
04:45		3	86	15	354	8	39	34	153	49	507
05:00		5	**86**			11	30				
05:15		2	**98**			7	40				
05:30		2	**125**			16	75				
05:45		3	**102**	12	411	16	57	50	202	62	613
06:00		8	82			23	45				
06:15		11	79			25	45				
06:30		8	67			25	29				
06:45		10	38	37	266	24	49	97	168	134	434
07:00		24	70			45	26				
07:15		60	39			**83**	21				
07:30		**70**	27			**114**	38				
07:45		**54**	29	208	165	**155**	16	397	101	605	266
08:00		**58**	42			**95**	25				
08:15		**116**	28			74	12				
08:30		38	18			48	15				
08:45		20	14	232	102	31	13	248	65	480	167
09:00		16	17			25	9				
09:15		28	14			40	17				
09:30		18	15			30	12				
09:45		15	7	77	53	22	7	117	45	194	98
10:00		19	15			24	5				
10:15		13	21			19	5				
10:30		15	8			28	9				
10:45		21	7	68	51	19	7	90	26	158	77
11:00		20	8			18	4				
11:15		18	1			19	7				
11:30		23	6			18	3				
11:45		30	4	91	19	27	3	82	17	173	36
Total		774	2179	774	2179	1152	1494	1152	1494	1926	3673
Combined Total		2953		2953		2646		2646		5599	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	298	-	-	-	447	-	-	-	-	-
P.H.F.		0.642				0.721					
PM Peak	-	-	05:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	411	-	-	-	291	-	-	-	-
P.H.F.			0.822				0.700				
Percentage		26.2%	73.8%			43.5%	56.5%				
ADT/AADT		ADT 5,599		AADT 5,599							

Counts Unlimited, Inc.

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City of Redlands
Pioneer Avenue
B/ Orange Street - Occidental Drive
24 Hour Directional Volume Count

RED096
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	27			2	32				
12:15		1	26			3	44				
12:30		3	36			3	35				
12:45		4	32	9	121	1	28	9	139	18	260
01:00		4	36			1	31				
01:15		3	36			2	45				
01:30		0	34			0	37				
01:45		1	37	8	143	1	34	4	147	12	290
02:00		4	32			0	48				
02:15		1	41			0	35				
02:30		1	20			1	43				
02:45		4	52	10	145	2	37	3	163	13	308
03:00		1	63			2	46				
03:15		2	49			2	**57**				
03:30		2	59			4	**61**				
03:45		1	69	6	240	8	**62**	16	226	22	466
04:00		3	76			7	**47**				
04:15		4	85			3	44				
04:30		2	89			6	49				
04:45		4	94	13	344	4	44	20	184	33	528
05:00		5	81			6	61				
05:15		8	**105**			13	38				
05:30		15	**111**			15	50				
05:45		18	**118**	46	415	11	57	45	206	91	621
06:00		5	**83**			21	51				
06:15		15	67			28	52				
06:30		10	44			28	39				
06:45		21	50	51	244	46	31	123	173	174	417
07:00		34	43			37	40				
07:15		39	44			**57**	34				
07:30		**38**	35			**63**	34				
07:45		**55**	39	166	161	**87**	26	244	134	410	295
08:00		**43**	26			**61**	57				
08:15		**47**	31			50	31				
08:30		33	17			40	18				
08:45		20	16	143	90	39	23	190	129	333	219
09:00		23	22			21	16				
09:15		23	13			21	13				
09:30		28	9			34	16				
09:45		20	8	94	52	29	10	105	55	199	107
10:00		18	14			23	14				
10:15		15	10			23	8				
10:30		23	3			26	6				
10:45		26	8	82	35	32	5	104	33	186	68
11:00		23	15			29	7				
11:15		16	6			27	4				
11:30		33	4			30	5				
11:45		38	5	110	30	29	3	115	19	225	49
Total		738	2020	738	2020	978	1608	978	1608	1716	3628
Combined Total		2758		2758		2586		2586		5344	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	183	-	-	-	268	-	-	-	-	-
P.H.F.		0.832				0.770					
PM Peak	-	-	05:15	-	-	-	03:15	-	-	-	-
Vol.	-	-	417	-	-	-	227	-	-	-	-
P.H.F.			0.883				0.915				
Percentage		26.8%	73.2%			37.8%	62.2%				
ADT/AADT		ADT 5,344		AADT 5,344							

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City of Redlands
Pioneer Avenue
B/ Occidental Drive - Dearborn Street
24 Hour Directional Volume Count

RED097
Site Code: 105-21433

Start Time	01-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	15			3	18				
12:15		1	15			4	12				
12:30		3	17			1	15				
12:45		0	22	4	69	1	9	9	54	13	123
01:00		2	15			0	12				
01:15		2	23			0	19				
01:30		0	19			1	13				
01:45		0	31	4	88	1	18	2	62	6	150
02:00		2	22			1	37				
02:15		3	23			1	14				
02:30		0	17			0	18				
02:45		3	23	8	85	0	20	2	89	10	174
03:00		0	38			1	**28**				
03:15		3	35			0	**26**				
03:30		0	41			1	**31**				
03:45		1	36	4	150	1	**34**	3	119	7	269
04:00		2	47			0	23				
04:15		1	46			0	26				
04:30		1	54			3	28				
04:45		3	63	7	210	1	27	4	104	11	314
05:00		5	50			2	31				
05:15		4	**78**			4	22				
05:30		16	**75**			7	27				
05:45		17	**69**	42	272	10	32	23	112	65	384
06:00		6	**55**			11	22				
06:15		9	42			11	35				
06:30		13	34			17	29				
06:45		8	19	36	150	22	12	61	98	97	248
07:00		21	35			17	21				
07:15		22	29			**32**	20				
07:30		**47**	24			**32**	31				
07:45		**33**	23	123	111	**44**	14	125	86	248	197
08:00		**20**	21			**36**	30				
08:15		**29**	19			25	14				
08:30		22	18			16	14				
08:45		11	7	82	65	18	11	95	69	177	134
09:00		15	11			10	9				
09:15		15	8			11	11				
09:30		19	8			15	7				
09:45		22	5	71	32	13	5	49	32	120	64
10:00		15	8			15	7				
10:15		8	4			11	4				
10:30		19	4			12	6				
10:45		11	5	53	21	17	1	55	18	108	39
11:00		18	6			12	4				
11:15		9	7			15	0				
11:30		21	2			12	2				
11:45		19	2	67	17	18	0	57	6	124	23
Total		501	1270	501	1270	485	849	485	849	986	2119
Combined Total		1771		1771		1334		1334		3105	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	129	-	-	-	144	-	-	-	-	-
P.H.F.		0.686				0.818					
PM Peak	-	-	05:15	-	-	-	03:00	-	-	-	-
Vol.	-	-	277	-	-	-	119	-	-	-	-
P.H.F.			0.888				0.875				
Percentage		28.3%	71.7%			36.4%	63.6%				
ADT/AADT		ADT 3,105		AADT 3,105							

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City of Redlands
Pioneer Avenue
B/ Texas Street - Interstate 210
24 Hour Directional Volume Count

RED098
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	36			3	28				
12:15		1	21			0	16				
12:30		3	56			1	**28**				
12:45		3	62	10	175	0	**141**	4	213	14	388
01:00		2	105			0	**184**				
01:15		2	52			0	**45**				
01:30		3	42			1	27				
01:45		4	45	11	244	5	35	6	291	17	535
02:00		3	19			3	25				
02:15		0	20			4	11				
02:30		7	34			4	11				
02:45		3	26	13	99	6	14	17	61	30	160
03:00		2	37			1	17				
03:15		4	34			7	26				
03:30		5	41			11	24				
03:45		25	36	36	148	32	19	51	86	87	234
04:00		8	40			16	15				
04:15		0	45			8	15				
04:30		9	**80**			17	16				
04:45		10	**60**	27	225	23	21	64	67	91	292
05:00		5	**86**			10	20				
05:15		7	**87**			9	26				
05:30		3	72			13	20				
05:45		11	62	26	307	24	23	56	89	82	396
06:00		6	54			11	17				
06:15		4	33			24	36				
06:30		10	26			23	24				
06:45		10	33	30	146	25	23	83	100	113	246
07:00		12	20			22	13				
07:15		23	16			32	8				
07:30		**32**	8			**48**	16				
07:45		**68**	14	135	58	**67**	14	169	51	304	109
08:00		**118**	11			**62**	9				
08:15		**45**	7			**76**	12				
08:30		25	10			30	8				
08:45		17	8	205	36	26	8	194	37	399	73
09:00		25	8			15	6				
09:15		15	8			12	9				
09:30		10	6			10	8				
09:45		16	9	66	31	21	6	58	29	124	60
10:00		16	26			13	5				
10:15		13	23			19	12				
10:30		10	5			10	13				
10:45		11	4	50	58	14	7	56	37	106	95
11:00		21	6			12	4				
11:15		19	1			14	3				
11:30		15	6			14	2				
11:45		19	1	74	14	13	4	53	13	127	27
Total		683	1541	683	1541	811	1074	811	1074	1494	2615
Combined Total		2224		2224		1885		1885		4109	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	263	-	-	-	253	-	-	-	-	-
P.H.F.		0.557				0.832					
PM Peak	-	-	04:30	-	-	-	00:30	-	-	-	-
Vol.	-	-	313	-	-	-	398	-	-	-	-
P.H.F.			0.745				0.541				
Percentage		30.7%	69.3%			43.0%	57.0%				
ADT/AADT		ADT 4,109		AADT 4,109							

Counts Unlimited, Inc.

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City of Redlands
Redlands Boulevard
B/ California Street - Texas Street
24 Hour Directional Volume Count

RED099
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	87			3	76				
12:15		2	84			2	83				
12:30		8	86			4	100				
12:45		7	77	20	334	2	85	11	344	31	678
01:00		3	94			1	95				
01:15		2	96			3	76				
01:30		5	92			1	83				
01:45		3	99	13	381	1	75	6	329	19	710
02:00		3	83			6	91				
02:15		4	78			2	68				
02:30		5	101			3	81				
02:45		8	93	20	355	5	102	16	342	36	697
03:00		5	88			4	78				
03:15		2	103			0	**88**				
03:30		6	100			3	**112**				
03:45		5	111	18	402	2	**95**	9	373	27	775
04:00		3	133			5	**96**				
04:15		0	147			8	68				
04:30		3	125			2	78				
04:45		1	**110**	7	515	12	57	27	299	34	814
05:00		6	**137**			5	82				
05:15		7	**131**			6	59				
05:30		9	**153**			16	61				
05:45		8	85	30	506	23	67	50	269	80	775
06:00		8	109			19	60				
06:15		19	80			27	39				
06:30		14	81			34	50				
06:45		22	56	63	326	30	61	110	210	173	536
07:00		41	72			31	44				
07:15		44	58			53	50				
07:30		51	34			51	46				
07:45		45	50	181	214	68	41	203	181	384	395
08:00		66	46			**82**	49				
08:15		47	49			**89**	30				
08:30		61	35			**94**	37				
08:45		49	31	223	161	**81**	23	346	139	569	300
09:00		53	29			56	17				
09:15		54	27			57	16				
09:30		58	20			48	14				
09:45		70	19	235	95	66	23	227	70	462	165
10:00		67	22			91	15				
10:15		65	10			79	10				
10:30		102	12			92	11				
10:45		75	11	309	55	72	8	334	44	643	99
11:00		**88**	17			86	8				
11:15		**99**	8			66	7				
11:30		**99**	8			94	5				
11:45		**83**	3	369	36	82	5	328	25	697	61
Total		1488	3380	1488	3380	1667	2625	1667	2625	3155	6005
Combined Total		4868		4868		4292		4292		9160	
AM Peak	-	11:00	-	-	-	08:00	-	-	-	-	-
Vol.	-	369	-	-	-	346	-	-	-	-	-
P.H.F.		0.932				0.920					
PM Peak	-	-	04:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	531	-	-	-	391	-	-	-	-
P.H.F.			0.868				0.873				
Percentage		30.6%	69.4%			38.8%	61.2%				
ADT/AADT		ADT 9,160		AADT 9,160							

Counts Unlimited, Inc.

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City of Redlands
Redlands Boulevard
B/ Texas Street - Eureka Street
24 Hour Directional Volume Count

RED100
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	138			9	94				
12:15		5	138			3	87				
12:30		7	139			3	98				
12:45		9	173	30	588	1	100	16	379	46	967
01:00		4	171			3	112				
01:15		6	172			6	92				
01:30		3	142			3	92				
01:45		4	152	17	637	7	95	19	391	36	1028
02:00		1	116			4	94				
02:15		7	131			5	95				
02:30		7	140			1	114				
02:45		6	147	21	534	6	115	16	418	37	952
03:00		6	174			6	93				
03:15		7	191			0	**107**				
03:30		3	168			6	**172**				
03:45		2	189	18	722	6	**106**	18	478	36	1200
04:00		4	195			5	**105**				
04:15		6	199			4	79				
04:30		5	162			4	76				
04:45		3	**184**	18	740	11	83	24	343	42	1083
05:00		10	**157**			5	94				
05:15		12	**215**			9	73				
05:30		6	**198**			18	69				
05:45		10	148	38	718	18	65	50	301	88	1019
06:00		14	139			19	68				
06:15		20	93			29	76				
06:30		21	101			35	63				
06:45		34	90	89	423	42	68	125	275	214	698
07:00		42	87			44	62				
07:15		53	77			65	53				
07:30		61	51			78	59				
07:45		87	68	243	283	**98**	54	285	228	528	511
08:00		124	62			**108**	46				
08:15		108	73			**148**	32				
08:30		79	47			**127**	49				
08:45		99	45	410	227	76	35	459	162	869	389
09:00		105	35			88	33				
09:15		88	26			80	30				
09:30		92	34			66	16				
09:45		112	20	397	115	79	23	313	102	710	217
10:00		93	17			81	17				
10:15		108	21			108	9				
10:30		127	15			87	10				
10:45		108	11	436	64	90	8	366	44	802	108
11:00		**112**	16			100	8				
11:15		**122**	12			98	9				
11:30		**142**	4			123	7				
11:45		**132**	13	508	45	110	9	431	33	939	78
Total		2225	5096	2225	5096	2122	3154	2122	3154	4347	8250
Combined Total		7321		7321		5276		5276		12597	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	508	-	-	-	481	-	-	-	-	-
P.H.F.		0.894				0.813					
PM Peak	-	-	04:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	754	-	-	-	490	-	-	-	-
P.H.F.			0.877				0.712				
Percentage		30.4%	69.6%			40.2%	59.8%				
ADT/AADT		ADT 12,597		AADT 12,597							

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City of Redlands
Redlands Boulevard
B/ Eureka Street - Citrus Avenue
24 Hour Directional Volume Count

RED101
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		17	138			11	151				
12:15		7	140			7	154				
12:30		12	99			8	144				
12:45		14	134	50	511	12	153	38	602	88	1113
01:00		11	134			10	158				
01:15		12	129			6	156				
01:30		3	98			9	123				
01:45		7	139	33	500	5	133	30	570	63	1070
02:00		7	134			10	148				
02:15		6	116			4	160				
02:30		7	116			6	153				
02:45		7	147	27	513	10	160	30	621	57	1134
03:00		9	161			7	124				
03:15		1	163			5	**176**				
03:30		3	177			8	**274**				
03:45		5	152	18	653	4	**176**	24	750	42	1403
04:00		6	162			6	**169**				
04:15		7	**185**			9	148				
04:30		3	**162**			15	146				
04:45		9	**170**	25	679	14	149	44	612	69	1291
05:00		12	**188**			19	148				
05:15		11	163			23	148				
05:30		18	169			31	145				
05:45		15	152	56	672	35	95	108	536	164	1208
06:00		24	124			42	106				
06:15		16	124			43	117				
06:30		29	123			64	110				
06:45		38	120	107	491	78	85	227	418	334	909
07:00		53	132			79	108				
07:15		48	98			90	107				
07:30		53	90			138	101				
07:45		75	91	229	411	**161**	95	468	411	697	822
08:00		122	77			**181**	88				
08:15		134	74			**237**	95				
08:30		91	51			**200**	75				
08:45		95	54	442	256	141	60	759	318	1201	574
09:00		95	49			111	61				
09:15		95	47			122	56				
09:30		88	44			131	47				
09:45		102	46	380	186	130	43	494	207	874	393
10:00		85	33			147	44				
10:15		104	23			125	28				
10:30		89	22			120	33				
10:45		97	25	375	103	151	22	543	127	918	230
11:00		**120**	29			130	26				
11:15		**119**	26			153	20				
11:30		**99**	16			144	18				
11:45		**118**	15	456	86	166	22	593	86	1049	172
Total		2198	5061	2198	5061	3358	5258	3358	5258	5556	10319
Combined Total		7259		7259		8616		8616		15875	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	456	-	-	-	779	-	-	-	-	-
P.H.F.		0.851				0.822					
PM Peak	-	-	04:15	-	-	-	03:15	-	-	-	-
Vol.	-	-	705	-	-	-	795	-	-	-	-
P.H.F.			0.938				0.725				
Percentage		30.3%	69.7%			39.0%	61.0%				
ADT/AADT		ADT 15,875		AADT 15,875							

Counts Unlimited, Inc.

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City of Redlands
Redlands Boulevard
B/ Citrus Avenue - Highland Avenue
24 Hour Directional Volume Count

RED102
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	206			3	98				
12:15		13	153			6	123				
12:30		10	156			4	101				
12:45		10	162	43	677	3	101	16	423	59	1100
01:00		3	180			3	115				
01:15		2	148			3	113				
01:30		6	134			3	106				
01:45		5	179	16	641	6	110	15	444	31	1085
02:00		11	173			2	130				
02:15		6	146			7	128				
02:30		9	174			3	130				
02:45		4	146	30	639	5	107	17	495	47	1134
03:00		2	189			3	**111**				
03:15		4	163			1	**156**				
03:30		8	153			7	**164**				
03:45		3	169	17	674	3	**125**	14	556	31	1230
04:00		4	203			2	88				
04:15		6	179			11	93				
04:30		6	200			11	82				
04:45		21	176	37	758	7	97	31	360	68	1118
05:00		10	**259**			12	98				
05:15		9	**243**			11	107				
05:30		17	**213**			28	113				
05:45		16	**199**	52	914	30	97	81	415	133	1329
06:00		28	187			33	84				
06:15		31	175			51	94				
06:30		40	168			56	100				
06:45		44	135	143	665	64	84	204	362	347	1027
07:00		45	111			79	72				
07:15		40	105			128	68				
07:30		68	116			164	87				
07:45		101	82	254	414	**233**	57	604	284	858	698
08:00		85	92			**251**	80				
08:15		102	79			**257**	57				
08:30		93	89			**193**	59				
08:45		102	47	382	307	132	46	833	242	1215	549
09:00		110	51			101	39				
09:15		85	48			87	27				
09:30		92	41			96	25				
09:45		102	24	389	164	116	29	400	120	789	284
10:00		108	42			105	31				
10:15		93	23			88	14				
10:30		128	24			96	12				
10:45		113	21	442	110	110	13	399	70	841	180
11:00		**104**	18			101	14				
11:15		**141**	15			115	8				
11:30		**147**	15			120	8				
11:45		**155**	11	547	59	119	9	455	39	1002	98
Total		2352	6022	2352	6022	3069	3810	3069	3810	5421	9832
Combined Total		8374		8374		6879		6879		15253	
AM Peak	-	11:00	-	-	-	07:45	-	-	-	-	-
Vol.	-	547	-	-	-	934	-	-	-	-	-
P.H.F.		0.882				0.909					
PM Peak	-	-	05:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	914	-	-	-	556	-	-	-	-
P.H.F.			0.882				0.848				
Percentage		28.1%	71.9%			44.6%	55.4%				
ADT/AADT		ADT 15,253		AADT 15,253							

Counts Unlimited, Inc.

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City of Redlands
Redlands Boulevard
B/ Highland Avenue - Ford Street
24 Hour Directional Volume Count

RED103
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	87			17	121				
12:15		4	81			8	116				
12:30		5	77			4	109				
12:45		8	77	21	322	11	110	40	456	61	778
01:00		3	84			5	124				
01:15		3	82			8	132				
01:30		2	81			4	117				
01:45		2	89	10	336	2	131	19	504	29	840
02:00		2	80			5	136				
02:15		3	75			5	133				
02:30		4	86			4	152				
02:45		7	**90**	16	331	9	156	23	577	39	908
03:00		2	**90**			4	194				
03:15		1	**113**			3	171				
03:30		3	**92**			3	201				
03:45		4	85	10	380	7	205	17	771	27	1151
04:00		3	74			5	182				
04:15		8	71			5	149				
04:30		7	81			9	**180**				
04:45		15	72	33	298	10	**182**	29	693	62	991
05:00		13	65			14	**215**				
05:15		18	85			14	**197**				
05:30		21	69			25	176				
05:45		35	75	87	294	25	180	78	768	165	1062
06:00		40	63			19	158				
06:15		62	85			39	135				
06:30		63	60			44	128				
06:45		104	66	269	274	60	115	162	536	431	810
07:00		69	54			84	127				
07:15		125	48			74	75				
07:30		147	61			101	114				
07:45		**187**	41	528	204	102	103	361	419	889	623
08:00		**203**	56			121	70				
08:15		**183**	36			84	79				
08:30		**159**	32			102	55				
08:45		122	29	667	153	89	45	396	249	1063	402
09:00		89	27			90	39				
09:15		86	22			81	35				
09:30		78	21			76	38				
09:45		76	33	329	103	80	26	327	138	656	241
10:00		78	18			101	37				
10:15		77	17			97	31				
10:30		70	12			90	24				
10:45		95	22	320	69	116	18	404	110	724	179
11:00		72	12			**104**	30				
11:15		93	11			**117**	22				
11:30		78	6			**119**	12				
11:45		69	8	312	37	**131**	9	471	73	783	110
Total		2602	2801	2602	2801	2327	5294	2327	5294	4929	8095
Combined Total		5403		5403		7621		7621		13024	
AM Peak	-	07:45	-	-	-	11:00	-	-	-	-	-
Vol.	-	732	-	-	-	471	-	-	-	-	-
P.H.F.		0.901				0.899					
PM Peak	-	-	02:45	-	-	-	04:30	-	-	-	-
Vol.	-	-	385	-	-	-	774	-	-	-	-
P.H.F.			0.852				0.900				
Percentage		48.2%	51.8%			30.5%	69.5%				
ADT/AADT		ADT 13,024		AADT 13,024							

Counts Unlimited, Inc.

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City of Redlands
Reservoir Road
B/ Ford Street - Wabash Avenue
24 Hour Directional Volume Count

RED104
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	24			0	**60**				
12:15		3	23			3	**25**				
12:30		0	11			4	**22**				
12:45		3	18	7	76	2	**16**	9	123	16	199
01:00		1	18			0	25				
01:15		0	17			7	21				
01:30		0	18			1	23				
01:45		0	11	1	64	1	23	9	92	10	156
02:00		1	15			2	21				
02:15		0	19			0	24				
02:30		0	16			2	18				
02:45		2	15	3	65	1	23	5	86	8	151
03:00		0	15			1	30				
03:15		0	28			0	32				
03:30		0	24			0	19				
03:45		0	24	0	91	0	28	1	109	1	200
04:00		1	22			2	20				
04:15		0	**31**			2	17				
04:30		2	**25**			2	18				
04:45		1	**24**	4	102	7	21	13	76	17	178
05:00		1	**28**			6	23				
05:15		0	23			1	18				
05:30		0	20			7	21				
05:45		1	21	2	92	10	28	24	90	26	182
06:00		3	26			12	24				
06:15		5	16			8	23				
06:30		7	16			17	20				
06:45		7	22	22	80	22	13	59	80	81	160
07:00		**21**	17			17	21				
07:15		**30**	18			24	10				
07:30		**45**	25			**48**	9				
07:45		**35**	13	131	73	**53**	13	142	53	273	126
08:00		17	17			**70**	13				
08:15		19	13			**48**	16				
08:30		16	12			29	7				
08:45		11	24	63	66	27	4	174	40	237	106
09:00		10	10			20	9				
09:15		13	10			22	7				
09:30		3	7			21	2				
09:45		10	9	36	36	10	2	73	20	109	56
10:00		11	7			10	4				
10:15		10	6			21	2				
10:30		16	6			20	6				
10:45		13	3	50	22	13	3	64	15	114	37
11:00		12	2			12	5				
11:15		22	5			22	3				
11:30		41	3			19	1				
11:45		30	2	105	12	36	2	89	11	194	23
Total		424	779	424	779	662	795	662	795	1086	1574
Combined Total		1203		1203		1457		1457		2660	
AM Peak	-	07:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	131	-	-	-	219	-	-	-	-	-
P.H.F.		0.728				0.782					
PM Peak	-	-	04:15	-	-	-	12:00	-	-	-	-
Vol.	-	-	108	-	-	-	123	-	-	-	-
P.H.F.			0.871				0.513				
Percentage		35.2%	64.8%			45.4%	54.6%				
ADT/AADT		ADT 2,660		AADT 2,660							

Counts Unlimited, Inc.

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City of Redlands
Rossmont Drive
S/ Valle Vista Drive
24 Hour Directional Volume Count

RED105
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	8			0	10				
12:15		1	10			0	11				
12:30		1	6			0	4				
12:45		0	3	2	27	0	8	0	33	2	60
01:00		1	7			1	8				
01:15		0	4			0	7				
01:30		0	5			1	9				
01:45		0	6	1	22	0	10	2	34	3	56
02:00		0	8			0	3				
02:15		0	5			1	6				
02:30		0	8			0	8				
02:45		0	8	0	29	0	10	1	27	1	56
03:00		0	7			0	6				
03:15		0	5			0	8				
03:30		0	4			1	10				
03:45		0	6	0	22	0	9	1	33	1	55
04:00		0	**9**			0	12				
04:15		2	**9**			0	9				
04:30		1	**7**			0	11				
04:45		0	**10**	3	35	1	**12**	1	44	4	79
05:00		0	5			0	**14**				
05:15		2	9			0	**9**				
05:30		3	2			6	**16**				
05:45		0	3	5	19	0	7	6	46	11	65
06:00		3	4			1	11				
06:15		2	5			1	6				
06:30		3	10			2	8				
06:45		9	3	17	22	5	7	9	32	26	54
07:00		8	6			4	7				
07:15		8	5			9	11				
07:30		**11**	2			3	4				
07:45		**21**	3	48	16	3	5	19	27	67	43
08:00		**17**	3			6	9				
08:15		**17**	0			6	4				
08:30		7	3			8	4				
08:45		9	0	50	6	12	7	32	24	82	30
09:00		7	4			4	4				
09:15		9	0			5	5				
09:30		10	1			6	4				
09:45		15	2	41	7	**7**	2	22	15	63	22
10:00		7	2			**9**	3				
10:15		7	0			**9**	2				
10:30		15	2			**8**	2				
10:45		6	1	35	5	5	1	31	8	66	13
11:00		6	1			3	0				
11:15		5	2			9	2				
11:30		5	0			6	1				
11:45		13	0	29	3	8	1	26	4	55	7
Total		231	213	231	213	150	327	150	327	381	540
Combined Total		444		444		477		477		921	
AM Peak	-	07:30	-	-	-	09:45	-	-	-	-	-
Vol.	-	66	-	-	-	33	-	-	-	-	-
P.H.F.		0.786				0.688					
PM Peak	-	-	04:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	35	-	-	-	51	-	-	-	-
P.H.F.			0.875				0.797				
Percentage		52.0%	48.0%			31.4%	68.6%				
ADT/AADT		ADT 921		AADT 921							

Counts Unlimited, Inc.

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City of Redlands
San Bernardino Avenue
B/ Tennessee Street - Orange Street
24 Hour Directional Volume Count

RED106
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	77			11	89				
12:15		15	80			12	91				
12:30		7	78			13	109				
12:45		8	93	40	328	13	90	49	379	89	707
01:00		8	106			6	79				
01:15		7	74			10	99				
01:30		6	87			9	98				
01:45		4	79	25	346	6	92	31	368	56	714
02:00		2	94			14	83				
02:15		6	86			7	99				
02:30		7	91			6	97				
02:45		11	82	26	353	4	104	31	383	57	736
03:00		7	87			4	107				
03:15		5	116			6	115				
03:30		15	93			16	136				
03:45		26	84	53	380	5	**159**	31	517	84	897
04:00		28	88			8	**152**				
04:15		19	83			8	**125**				
04:30		46	81			11	**148**				
04:45		60	76	153	328	14	155	41	580	194	908
05:00		47	98			21	136				
05:15		67	100			15	140				
05:30		66	**107**			26	142				
05:45		70	**93**	250	398	29	147	91	565	341	963
06:00		76	**101**			30	133				
06:15		90	**102**			39	134				
06:30		134	97			32	137				
06:45		106	88	406	388	49	113	150	517	556	905
07:00		125	72			61	114				
07:15		135	69			59	118				
07:30		**164**	76			**73**	101				
07:45		**193**	68	617	285	**73**	112	266	445	883	730
08:00		**179**	70			**82**	78				
08:15		**151**	88			**95**	99				
08:30		87	62			61	69				
08:45		127	51	544	271	44	79	282	325	826	596
09:00		69	47			49	81				
09:15		88	51			57	84				
09:30		85	38			60	56				
09:45		88	37	330	173	66	51	232	272	562	445
10:00		98	46			65	57				
10:15		74	43			65	37				
10:30		92	23			59	29				
10:45		87	12	351	124	67	30	256	153	607	277
11:00		69	16			75	40				
11:15		71	19			74	24				
11:30		77	9			74	24				
11:45		97	8	314	52	65	24	288	112	602	164
Total		3109	3426	3109	3426	1748	4616	1748	4616	4857	8042
Combined Total		6535		6535		6364		6364		12899	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	687	-	-	-	323	-	-	-	-	-
P.H.F.		0.890				0.850					
PM Peak	-	-	05:30	-	-	-	03:45	-	-	-	-
Vol.	-	-	403	-	-	-	584	-	-	-	-
P.H.F.			0.942				0.918				
Percentage		47.6%	52.4%			27.5%	72.5%				
ADT/AADT		ADT 12,899		AADT 12,899							

Counts Unlimited, Inc.

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City of Redlands
San Bernardino Avenue
B/ Orange Street - University Street
24 Hour Directional Volume Count

RED107
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	61			11	58				
12:15		9	69			5	63				
12:30		7	83			3	91				
12:45		8	116	30	329	4	84	23	296	53	625
01:00		3	86			6	73				
01:15		9	88			6	57				
01:30		5	62			3	75				
01:45		6	85	23	321	4	53	19	258	42	579
02:00		6	75			1	71				
02:15		2	74			2	73				
02:30		5	87			4	83				
02:45		2	94	15	330	4	65	11	292	26	622
03:00		2	71			3	78				
03:15		5	96			6	60				
03:30		5	82			12	85				
03:45		6	124	18	373	7	74	28	297	46	670
04:00		5	108			9	81				
04:15		7	109			13	68				
04:30		4	124			30	86				
04:45		12	123	28	464	35	90	87	325	115	789
05:00		14	119			19	**97**				
05:15		11	**123**			35	**89**				
05:30		22	**154**			48	**102**				
05:45		29	**149**	76	545	54	**108**	156	396	232	941
06:00		15	**138**			70	81				
06:15		33	120			67	68				
06:30		31	99			85	82				
06:45		41	88	120	445	80	68	302	299	422	744
07:00		50	100			74	52				
07:15		51	92			100	62				
07:30		81	75			**121**	59				
07:45		**86**	97	268	364	**115**	56	410	229	678	593
08:00		**97**	59			**109**	65				
08:15		**87**	67			**101**	63				
08:30		**94**	47			78	45				
08:45		47	45	325	218	79	30	367	203	692	421
09:00		51	54			49	31				
09:15		49	49			70	28				
09:30		51	38			63	25				
09:45		51	27	202	168	66	18	248	102	450	270
10:00		51	25			59	19				
10:15		43	28			54	19				
10:30		50	19			57	12				
10:45		62	17	206	89	61	4	231	54	437	143
11:00		66	25			54	5				
11:15		51	9			59	8				
11:30		57	12			55	7				
11:45		56	21	230	67	65	7	233	27	463	94
Total		1541	3713	1541	3713	2115	2778	2115	2778	3656	6491
Combined Total		5254		5254		4893		4893		10147	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	364	-	-	-	446	-	-	-	-	-
P.H.F.		0.938				0.921					
PM Peak	-	-	05:15	-	-	-	05:00	-	-	-	-
Vol.	-	-	564	-	-	-	396	-	-	-	-
P.H.F.			0.916				0.917				
Percentage		29.3%	70.7%			43.2%	56.8%				
ADT/AADT		ADT 10,147		AADT 10,147							

Counts Unlimited, Inc.

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City of Redlands
San Bernardino Avenue
B/ University Street - Wabash Avenue
24 Hour Directional Volume Count

RED108
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	46			6	39				
12:15		7	40			1	53				
12:30		4	56			4	81				
12:45		5	86	23	228	0	59	11	232	34	460
01:00		1	57			1	58				
01:15		5	74			3	33				
01:30		4	53			3	46				
01:45		4	70	14	254	2	44	9	181	23	435
02:00		3	35			0	70				
02:15		2	47			3	56				
02:30		1	67			1	58				
02:45		2	62	8	211	6	49	10	233	18	444
03:00		0	59			2	46				
03:15		4	72			3	**58**				
03:30		2	71			8	**76**				
03:45		5	79	11	281	8	**57**	21	237	32	518
04:00		5	75			5	**72**				
04:15		6	86			7	39				
04:30		4	79			20	57				
04:45		8	98	23	338	18	61	50	229	73	567
05:00		12	78			8	68				
05:15		8	**89**			15	61				
05:30		17	**91**			26	66				
05:45		22	**101**	59	359	26	64	75	259	134	618
06:00		11	**98**			49	53				
06:15		28	69			26	42				
06:30		23	75			50	54				
06:45		31	51	93	293	64	43	189	192	282	485
07:00		45	56			42	26				
07:15		50	62			77	42				
07:30		**75**	46			**102**	41				
07:45		**74**	51	244	215	**99**	54	320	163	564	378
08:00		**69**	42			**98**	39				
08:15		**64**	36			**82**	20				
08:30		67	29			61	30				
08:45		39	43	239	150	50	27	291	116	530	266
09:00		32	34			30	16				
09:15		28	30			44	17				
09:30		38	22			43	21				
09:45		55	17	153	103	49	12	166	66	319	169
10:00		37	14			34	19				
10:15		38	19			39	18				
10:30		37	15			43	3				
10:45		45	11	157	59	38	3	154	43	311	102
11:00		44	16			26	3				
11:15		38	11			26	7				
11:30		38	10			31	2				
11:45		38	9	158	46	49	7	132	19	290	65
Total		1182	2537	1182	2537	1428	1970	1428	1970	2610	4507
Combined Total		3719		3719		3398		3398		7117	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	282	-	-	-	381	-	-	-	-	-
P.H.F.		0.940				0.934					
PM Peak	-	-	05:15	-	-	-	03:15	-	-	-	-
Vol.	-	-	379	-	-	-	263	-	-	-	-
P.H.F.			0.938				0.812				
Percentage		31.8%	68.2%			42.0%	58.0%				
ADT/AADT		ADT 7,117		AADT 7,117							

Counts Unlimited, Inc.

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City of Redlands
San Bernardino Avenue
B/ Mountain View Avenue - California Street
24 Hour Directional Volume Count

RED109
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		11	94			28	83				
12:15		13	103			10	81				
12:30		29	90			29	78				
12:45		11	102	64	389	16	90	83	332	147	721
01:00		13	87			5	102				
01:15		14	108			15	105				
01:30		8	118			15	153				
01:45		11	124	46	437	12	158	47	518	93	955
02:00		15	84			9	86				
02:15		6	91			7	105				
02:30		13	108			22	158				
02:45		17	112	51	395	20	126	58	475	109	870
03:00		14	121			12	94				
03:15		29	108			10	**113**				
03:30		37	164			9	**160**				
03:45		62	135	142	528	24	**127**	55	494	197	1022
04:00		24	187			17	**121**				
04:15		40	174			30	109				
04:30		73	183			32	133				
04:45		103	**166**	240	710	44	93	123	456	363	1166
05:00		49	**214**			29	99				
05:15		43	**209**			37	115				
05:30		69	**205**			38	108				
05:45		97	163	258	791	62	110	166	432	424	1223
06:00		77	176			47	91				
06:15		69	137			39	93				
06:30		68	79			68	84				
06:45		88	93	302	485	91	74	245	342	547	827
07:00		81	53			**117**	75				
07:15		**94**	71			**104**	66				
07:30		**83**	45			**107**	49				
07:45		**107**	36	365	205	**143**	62	471	252	836	457
08:00		**96**	41			108	37				
08:15		61	26			108	36				
08:30		59	25			84	29				
08:45		67	30	283	122	75	24	375	126	658	248
09:00		80	24			64	22				
09:15		83	38			55	31				
09:30		74	15			62	36				
09:45		63	19	300	96	66	31	247	120	547	216
10:00		76	28			59	27				
10:15		79	20			75	32				
10:30		65	29			70	32				
10:45		78	13	298	90	83	19	287	110	585	200
11:00		74	22			71	17				
11:15		86	22			63	20				
11:30		72	34			91	17				
11:45		86	15	318	93	85	11	310	65	628	158
Total		2667	4341	2667	4341	2467	3722	2467	3722	5134	8063
Combined Total		7008		7008		6189		6189		13197	
AM Peak	-	07:15	-	-	-	07:00	-	-	-	-	-
Vol.	-	380	-	-	-	471	-	-	-	-	-
P.H.F.		0.888				0.823					
PM Peak	-	-	04:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	794	-	-	-	521	-	-	-	-
P.H.F.			0.928				0.814				
Percentage		38.1%	61.9%			39.9%	60.1%				
ADT/AADT		ADT 13,197		AADT 13,197							

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City of Redlands
San Mateo Street
B/ Brookside Avenue - Fern Avenue
24 Hour Directional Volume Count

RED110
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	63			1	98				
12:15		2	57			4	112				
12:30		2	61			4	136				
12:45		4	**202**	10	383	6	90	15	436	25	819
01:00		2	**113**			2	80				
01:15		2	**70**			4	73				
01:30		0	**65**			1	102				
01:45		4	53	8	301	3	111	10	366	18	667
02:00		2	103			3	98				
02:15		2	122			1	79				
02:30		3	68			0	68				
02:45		4	107	11	400	5	97	9	342	20	742
03:00		0	79			1	142				
03:15		2	87			0	92				
03:30		3	100			2	104				
03:45		2	80	7	346	4	105	7	443	14	789
04:00		6	69			0	96				
04:15		4	67			1	106				
04:30		13	60			3	**130**				
04:45		9	48	32	244	0	**123**	4	455	36	699
05:00		9	79			4	**134**				
05:15		13	81			3	**118**				
05:30		13	66			9	129				
05:45		35	61	70	287	9	117	25	498	95	785
06:00		27	60			13	119				
06:15		40	59			9	85				
06:30		45	38			23	71				
06:45		57	50	169	207	35	59	80	334	249	541
07:00		56	43			39	57				
07:15		86	43			54	50				
07:30		156	37			**108**	39				
07:45		**206**	30	504	153	**159**	60	360	206	864	359
08:00		**167**	18			**114**	52				
08:15		**179**	20			**122**	30				
08:30		**179**	26			89	43				
08:45		105	20	630	84	48	32	373	157	1003	241
09:00		73	18			50	32				
09:15		67	14			48	22				
09:30		58	19			52	21				
09:45		65	16	263	67	49	17	199	92	462	159
10:00		69	13			52	11				
10:15		71	10			45	6				
10:30		60	3			36	14				
10:45		58	10	258	36	53	14	186	45	444	81
11:00		57	6			63	8				
11:15		79	3			59	8				
11:30		79	3			69	3				
11:45		71	4	286	16	73	4	264	23	550	39
Total		2248	2524	2248	2524	1532	3397	1532	3397	3780	5921
Combined Total		4772		4772		4929		4929		9701	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	731	-	-	-	503	-	-	-	-	-
P.H.F.		0.887				0.791					
PM Peak	-	-	00:45	-	-	-	04:30	-	-	-	-
Vol.	-	-	450	-	-	-	505	-	-	-	-
P.H.F.			0.557				0.942				
Percentage		47.1%	52.9%			31.1%	68.9%				
ADT/AADT		ADT 9,701		AADT 9,701							

Counts Unlimited, Inc.

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City of Redlands
San Mateo Street
B/ Fern Avenue - Highland Avenue
24 Hour Directional Volume Count

RED111
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	39			1	69				
12:15		1	43			5	82				
12:30		1	37			3	92				
12:45		4	**139**	10	258	5	66	14	309	24	567
01:00		4	**85**			2	70				
01:15		3	**52**			3	47				
01:30		1	**47**			1	86				
01:45		2	39	10	223	2	100	8	303	18	526
02:00		4	70			2	105				
02:15		0	82			0	56				
02:30		1	55			0	57				
02:45		4	69	9	276	3	71	5	289	14	565
03:00		0	64			1	105				
03:15		1	60			1	61				
03:30		2	70			1	88				
03:45		1	50	4	244	1	89	4	343	8	587
04:00		3	49			2	85				
04:15		1	54			1	**91**				
04:30		7	47			2	**107**				
04:45		6	44	17	194	1	**95**	6	378	23	572
05:00		6	56			7	**134**				
05:15		7	58			3	90				
05:30		8	42			6	100				
05:45		15	44	36	200	4	84	20	408	56	608
06:00		15	42			11	92				
06:15		28	40			10	72				
06:30		39	32			22	58				
06:45		37	41	119	155	34	53	77	275	196	430
07:00		40	38			36	47				
07:15		62	30			62	36				
07:30		110	32			**108**	36				
07:45		**147**	23	359	123	**139**	36	345	155	704	278
08:00		**139**	20			**76**	37				
08:15		**136**	15			**80**	24				
08:30		**157**	19			83	38				
08:45		86	17	518	71	41	28	280	127	798	198
09:00		53	14			35	21				
09:15		47	10			33	26				
09:30		34	9			63	17				
09:45		41	12	175	45	36	16	167	80	342	125
10:00		46	7			37	9				
10:15		52	5			34	6				
10:30		40	2			26	6				
10:45		34	5	172	19	43	10	140	31	312	50
11:00		37	3			39	5				
11:15		56	2			47	3				
11:30		48	2			49	5				
11:45		49	3	190	10	53	3	188	16	378	26
Total		1619	1818	1619	1818	1254	2714	1254	2714	2873	4532
Combined Total		3437		3437		3968		3968		7405	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	579	-	-	-	403	-	-	-	-	-
P.H.F.		0.922				0.725					
PM Peak	-	-	00:45	-	-	-	04:15	-	-	-	-
Vol.	-	-	323	-	-	-	427	-	-	-	-
P.H.F.			0.581				0.797				
Percentage		47.1%	52.9%			31.6%	68.4%				
ADT/AADT		ADT 7,405		AADT 7,405							

Counts Unlimited, Inc.

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City of Redlands
San Timoteo Canyon Road
B/ Fern Avenue - Barton Road
24 Hour Directional Volume Count

RED112
Site Code: 105-21433

Start Time	25-Aug-21 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		10	58			15	52				
12:15		15	64			5	68				
12:30		3	67			7	59				
12:45		7	102	35	291	8	31	35	210	70	501
01:00		4	76			4	57				
01:15		2	67			0	57				
01:30		5	57			6	60				
01:45		2	64	13	264	8	55	18	229	31	493
02:00		2	**81**			3	63				
02:15		5	**85**			5	70				
02:30		5	**71**			5	91				
02:45		3	**106**	15	343	5	79	18	303	33	646
03:00		4	32			5	120				
03:15		7	84			10	73				
03:30		12	70			5	99				
03:45		6	63	29	249	3	96	23	388	52	637
04:00		13	87			7	**103**				
04:15		16	42			9	**132**				
04:30		14	87			9	**117**				
04:45		24	63	67	279	10	**104**	35	456	102	735
05:00		17	66			11	99				
05:15		30	46			17	106				
05:30		51	96			20	59				
05:45		42	82	140	290	27	70	75	334	215	624
06:00		50	84			32	55				
06:15		60	66			33	58				
06:30		75	96			51	30				
06:45		109	51	294	297	31	49	147	192	441	489
07:00		**109**	53			43	46				
07:15		**102**	68			59	38				
07:30		**118**	25			**43**	47				
07:45		**128**	31	457	177	**46**	45	191	176	648	353
08:00		106	26			**65**	38				
08:15		104	16			**64**	32				
08:30		110	19			35	30				
08:45		85	13	405	74	52	28	216	128	621	202
09:00		65	20			47	35				
09:15		70	20			41	23				
09:30		63	9			40	16				
09:45		73	12	271	61	59	22	187	96	458	157
10:00		72	24			54	5				
10:15		70	14			45	9				
10:30		73	13			36	13				
10:45		31	4	246	55	40	8	175	35	421	90
11:00		60	6			59	8				
11:15		71	9			32	7				
11:30		124	6			40	4				
11:45		70	23	325	44	67	7	198	26	523	70
Total		2297	2424	2297	2424	1318	2573	1318	2573	3615	4997
Combined Total		4721		4721		3891		3891		8612	
AM Peak	-	07:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	457	-	-	-	218	-	-	-	-	-
P.H.F.		0.893				0.838					
PM Peak	-	-	02:00	-	-	-	04:00	-	-	-	-
Vol.	-	-	343	-	-	-	456	-	-	-	-
P.H.F.			0.809				0.864				
Percentage		48.7%	51.3%			33.9%	66.1%				
ADT/AADT		ADT 8,612		AADT 8,612							

Counts Unlimited, Inc.

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City of Redlands
Sunset Drive
B/ Vinton Way - Alta Vista Drive
24 Hour Directional Volume Count

RED113
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	6			2	7				
12:15		1	6			1	5				
12:30		0	6			1	9				
12:45		0	7	1	25	3	4	7	25	8	50
01:00		0	11			0	7				
01:15		0	2			0	9				
01:30		0	13			1	6				
01:45		0	3	0	29	0	7	1	29	1	58
02:00		0	12			0	4				
02:15		0	7			0	13				
02:30		0	7			0	4				
02:45		1	3	1	29	1	2	1	23	2	52
03:00		1	14			0	8				
03:15		0	9			0	7				
03:30		1	6			0	8				
03:45		0	9	2	38	1	5	1	28	3	66
04:00		0	7			0	3				
04:15		1	**14**			0	8				
04:30		0	**9**			1	7				
04:45		0	**13**	1	43	0	4	1	22	2	65
05:00		3	**12**			0	**14**				
05:15		1	9			0	**8**				
05:30		0	10			0	**6**				
05:45		2	8	6	39	0	**6**	0	34	6	73
06:00		1	16			0	6				
06:15		0	3			0	12				
06:30		3	5			2	5				
06:45		7	7	11	31	6	8	8	31	19	62
07:00		1	7			7	5				
07:15		**10**	4			3	5				
07:30		**8**	4			**9**	5				
07:45		**10**	8	29	23	**9**	7	28	22	57	45
08:00		**4**	4			**8**	2				
08:15		9	2			**5**	7				
08:30		6	2			8	4				
08:45		7	3	26	11	9	7	30	20	56	31
09:00		5	5			3	2				
09:15		4	2			5	4				
09:30		2	1			9	4				
09:45		5	3	16	11	5	6	22	16	38	27
10:00		4	3			5	2				
10:15		8	3			5	2				
10:30		7	3			9	6				
10:45		7	2	26	11	4	4	23	14	49	25
11:00		6	1			5	1				
11:15		4	2			8	0				
11:30		11	8			8	3				
11:45		7	0	28	11	5	3	26	7	54	18
Total		147	301	147	301	148	271	148	271	295	572
Combined Total		448		448		419		419		867	
AM Peak	-	07:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	32	-	-	-	31	-	-	-	-	-
P.H.F.		0.800				0.861					
PM Peak	-	-	04:15	-	-	-	05:00	-	-	-	-
Vol.	-	-	48	-	-	-	34	-	-	-	-
P.H.F.			0.857				0.607				
Percentage		32.8%	67.2%			35.3%	64.7%				
ADT/AADT		ADT 867		AADT 867							

Counts Unlimited, Inc.

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City of Redlands
Sunset Drive
B/ Alta Vista Drive - Panorama Street
24 Hour Directional Volume Count

RED114
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	4			1	4				
12:15		1	7			0	**4**				
12:30		0	5			0	**6**				
12:45		0	1	1	17	0	**4**	1	18	2	35
01:00		2	4			0	**7**				
01:15		0	3			0	3				
01:30		0	3			1	5				
01:45		1	3	3	13	0	3	1	18	4	31
02:00		0	2			1	5				
02:15		0	4			0	3				
02:30		0	2			0	0				
02:45		1	3	1	11	0	7	1	15	2	26
03:00		1	4			0	4				
03:15		0	7			0	1				
03:30		1	7			0	2				
03:45		0	3	2	21	0	2	0	9	2	30
04:00		0	10			1	1				
04:15		0	6			0	4				
04:30		0	5			0	2				
04:45		0	**7**	0	28	1	4	2	11	2	39
05:00		0	**7**			1	9				
05:15		0	**9**			0	5				
05:30		1	**16**			0	1				
05:45		0	4	1	36	0	3	1	18	2	54
06:00		1	8			1	3				
06:15		1	8			3	4				
06:30		0	9			1	2				
06:45		1	8	3	33	4	2	9	11	12	44
07:00		1	5			4	5				
07:15		3	5			3	2				
07:30		1	5			6	3				
07:45		**3**	4	8	19	1	2	14	12	22	31
08:00		**5**	5			**10**	1				
08:15		**4**	3			**9**	2				
08:30		**6**	1			**8**	3				
08:45		0	5	15	14	**2**	1	29	7	44	21
09:00		0	3			2	5				
09:15		1	5			6	2				
09:30		5	1			2	0				
09:45		2	3	8	12	2	2	12	9	20	21
10:00		4	1			5	1				
10:15		4	3			1	2				
10:30		4	3			2	0				
10:45		3	1	15	8	2	1	10	4	25	12
11:00		3	2			6	0				
11:15		6	2			3	6				
11:30		1	0			4	1				
11:45		1	0	11	4	0	1	13	8	24	12
Total		68	216	68	216	93	140	93	140	161	356
Combined Total		284		284		233		233		517	
AM Peak	-	07:45	-	-	-	08:00	-	-	-	-	-
Vol.	-	18	-	-	-	29	-	-	-	-	-
P.H.F.		0.750				0.725					
PM Peak	-	-	04:45	-	-	-	00:15	-	-	-	-
Vol.	-	-	39	-	-	-	21	-	-	-	-
P.H.F.			0.609				0.750				
Percentage		23.9%	76.1%			39.9%	60.1%				
ADT/AADT		ADT 517		AADT 517							

Counts Unlimited, Inc.

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City of Redlands
Sunset Drive
B/ Serpentine Road - Vinton Way
24 Hour Directional Volume Count

RED115
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	4			3	2				
12:15		0	8			0	4				
12:30		1	5			0	3				
12:45		0	10	2	27	0	3	3	12	5	39
01:00		0	4			0	6				
01:15		0	8			0	**9**				
01:30		0	7			0	**6**				
01:45		0	4	0	23	0	**7**	0	28	0	51
02:00		0	9			0	**9**				
02:15		0	7			0	6				
02:30		0	10			1	5				
02:45		0	9	0	35	2	5	3	25	3	60
03:00		0	6			0	8				
03:15		0	6			0	6				
03:30		0	11			0	5				
03:45		0	8	0	31	0	7	0	26	0	57
04:00		0	13			0	5				
04:15		1	6			1	5				
04:30		0	11			0	5				
04:45		0	9	1	39	0	4	1	19	2	58
05:00		0	**7**			2	8				
05:15		0	**9**			0	4				
05:30		4	**10**			1	5				
05:45		0	**17**	4	43	0	12	3	29	7	72
06:00		0	5			0	9				
06:15		1	8			3	2				
06:30		2	3			6	4				
06:45		3	8	6	24	**9**	5	18	20	24	44
07:00		2	10			**8**	4				
07:15		5	5			**7**	7				
07:30		6	5			**12**	7				
07:45		3	0	16	20	7	2	34	20	50	40
08:00		7	2			9	8				
08:15		1	2			8	1				
08:30		**8**	0			9	5				
08:45		**9**	2	25	6	1	1	27	15	52	21
09:00		**5**	2			6	6				
09:15		**5**	2			6	0				
09:30		5	1			5	0				
09:45		4	3	19	8	7	1	24	7	43	15
10:00		3	0			3	0				
10:15		3	1			2	1				
10:30		4	1			5	0				
10:45		2	0	12	2	4	0	14	1	26	3
11:00		3	0			6	0				
11:15		5	2			9	2				
11:30		5	1			2	1				
11:45		7	0	20	3	9	1	26	4	46	7
Total		105	261	105	261	153	206	153	206	258	467
Combined Total		366		366		359		359		725	
AM Peak	-	08:30	-	-	-	06:45	-	-	-	-	-
Vol.	-	27	-	-	-	36	-	-	-	-	-
P.H.F.		0.750				0.750					
PM Peak	-	-	05:00	-	-	-	01:15	-	-	-	-
Vol.	-	-	43	-	-	-	31	-	-	-	-
P.H.F.			0.632				0.861				
Percentage		28.7%	71.3%			42.6%	57.4%				
ADT/AADT		ADT 725		AADT 725							

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City of Redlands
Sunset Drive
B/ Panorama Street - Franklin Avenue
24 Hour Directional Volume Count

RED116
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	8			1	7				
12:15		2	8			0	8				
12:30		1	9			0	6				
12:45		0	3	3	28	0	7	1	28	4	56
01:00		0	10			1	6				
01:15		0	9			0	7				
01:30		0	5			0	9				
01:45		0	11	0	35	0	8	1	30	1	65
02:00		0	20			0	6				
02:15		1	13			0	8				
02:30		0	8			1	5				
02:45		0	12	1	53	0	11	1	30	2	83
03:00		0	13			0	2				
03:15		0	**16**			0	8				
03:30		0	**14**			0	9				
03:45		0	**17**	0	60	0	5	0	24	0	84
04:00		0	**21**			1	6				
04:15		0	9			0	**7**				
04:30		1	6			0	**7**				
04:45		2	17	3	53	1	**12**	2	32	5	85
05:00		0	18			1	**9**				
05:15		3	14			2	5				
05:30		3	16			1	7				
05:45		1	7	7	55	2	13	6	34	13	89
06:00		5	9			1	4				
06:15		6	11			1	6				
06:30		9	16			5	5				
06:45		7	8	27	44	5	5	12	20	39	64
07:00		10	7			10	8				
07:15		**15**	3			**18**	6				
07:30		**33**	9			**19**	2				
07:45		**18**	2	76	21	**7**	6	54	22	130	43
08:00		**16**	8			**13**	5				
08:15		14	1			6	6				
08:30		18	3			9	2				
08:45		7	6	55	18	6	4	34	17	89	35
09:00		12	4			5	2				
09:15		1	1			6	1				
09:30		7	1			1	2				
09:45		9	3	29	9	12	1	24	6	53	15
10:00		8	2			5	5				
10:15		6	2			3	2				
10:30		12	2			6	0				
10:45		13	2	39	8	5	1	19	8	58	16
11:00		13	4			3	0				
11:15		9	0			6	2				
11:30		11	3			8	0				
11:45		6	1	39	8	6	1	23	3	62	11
Total		279	392	279	392	177	254	177	254	456	646
Combined Total		671		671		431		431		1102	
AM Peak	-	07:15	-	-	-	07:15	-	-	-	-	-
Vol.	-	82	-	-	-	57	-	-	-	-	-
P.H.F.		0.621				0.750					
PM Peak	-	-	03:15	-	-	-	04:15	-	-	-	-
Vol.	-	-	68	-	-	-	35	-	-	-	-
P.H.F.			0.810				0.729				
Percentage		41.6%	58.4%			41.1%	58.9%				
ADT/AADT		ADT 1,102		AADT 1,102							

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City of Redlands
Sunnyside Avenue
B/ Fern Avenue - Cypress Avenue
24 Hour Directional Volume Count

RED117
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	4			0	5				
12:15		0	2			0	4				
12:30		0	2			0	5				
12:45		0	3	2	11	0	4	0	18	2	29
01:00		2	3			1	3				
01:15		0	4			0	5				
01:30		0	3			0	2				
01:45		0	3	2	13	0	8	1	18	3	31
02:00		0	8			0	3				
02:15		0	5			0	**7**				
02:30		0	1			0	**2**				
02:45		0	3	0	17	0	**11**	0	23	0	40
03:00		0	4			0	**5**				
03:15		0	**8**			0	4				
03:30		0	**4**			1	4				
03:45		1	**3**	1	19	0	4	1	17	2	36
04:00		0	**5**			0	5				
04:15		0	5			0	6				
04:30		0	4			0	5				
04:45		1	6	1	20	0	7	0	23	1	43
05:00		0	4			0	5				
05:15		0	6			0	5				
05:30		2	4			0	4				
05:45		0	3	2	17	0	4	0	18	2	35
06:00		3	3			0	8				
06:15		2	1			0	4				
06:30		3	3			2	4				
06:45		4	3	12	10	1	6	3	22	15	32
07:00		5	1			0	2				
07:15		**6**	2			2	1				
07:30		**15**	3			**3**	3				
07:45		**6**	4	32	10	**3**	1	8	7	40	17
08:00		**9**	2			**7**	2				
08:15		5	3			**7**	2				
08:30		3	2			1	1				
08:45		6	4	23	11	1	2	16	7	39	18
09:00		0	3			2	3				
09:15		5	1			2	2				
09:30		3	1			4	0				
09:45		3	3	11	8	1	0	9	5	20	13
10:00		1	0			2	1				
10:15		4	0			8	1				
10:30		6	1			2	0				
10:45		3	1	14	2	3	2	15	4	29	6
11:00		6	0			3	1				
11:15		4	2			2	1				
11:30		2	0			4	0				
11:45		3	0	15	2	2	2	11	4	26	6
Total		115	140	115	140	64	166	64	166	179	306
Combined Total		255		255		230		230		485	
AM Peak	-	07:15	-	-	-	07:30	-	-	-	-	-
Vol.	-	36	-	-	-	20	-	-	-	-	-
P.H.F.		0.600				0.714					
PM Peak	-	-	03:15	-	-	-	02:15	-	-	-	-
Vol.	-	-	20	-	-	-	25	-	-	-	-
P.H.F.			0.625				0.568				
Percentage		45.1%	54.9%			27.8%	72.2%				
ADT/AADT		ADT 485		AADT 485							

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City of Redlands
Sunnyside Avenue
B/ Cypress Avenue - Smiley Heights Drive
24 Hour Directional Volume Count

RED118
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	5			1	3				
12:15		0	4			0	5				
12:30		0	3			0	2				
12:45		0	3	1	15	0	1	1	11	2	26
01:00		0	2			0	3				
01:15		0	2			0	0				
01:30		0	3			0	10				
01:45		0	3	0	10	1	2	1	15	1	25
02:00		0	3			2	2				
02:15		0	4			0	2				
02:30		0	7			0	5				
02:45		0	2	0	16	0	3	2	12	2	28
03:00		0	**5**			1	3				
03:15		1	**4**			1	4				
03:30		0	**5**			0	2				
03:45		0	**7**	1	21	0	2	2	11	3	32
04:00		0	2			0	5				
04:15		0	2			0	4				
04:30		0	3			0	2				
04:45		0	3	0	10	0	**9**	0	20	0	30
05:00		1	4			0	**6**				
05:15		1	3			0	**6**				
05:30		0	5			0	**8**				
05:45		0	4	2	16	0	4	0	24	2	40
06:00		0	2			0	6				
06:15		2	8			1	5				
06:30		1	3			1	7				
06:45		0	1	3	14	0	4	2	22	5	36
07:00		1	0			1	5				
07:15		2	4			3	1				
07:30		2	5			2	3				
07:45		**7**	0	12	9	**2**	3	8	12	20	21
08:00		**8**	1			**2**	0				
08:15		**3**	1			**4**	2				
08:30		**5**	0			**4**	1				
08:45		5	1	21	3	1	4	11	7	32	10
09:00		3	2			2	2				
09:15		6	0			2	2				
09:30		5	0			1	0				
09:45		4	1	18	3	0	1	5	5	23	8
10:00		4	2			2	0				
10:15		6	0			3	4				
10:30		2	2			1	1				
10:45		2	0	14	4	1	1	7	6	21	10
11:00		1	0			3	0				
11:15		3	1			0	0				
11:30		2	0			5	1				
11:45		2	1	8	2	4	2	12	3	20	5
Total		80	123	80	123	51	148	51	148	131	271
Combined Total		203		203		199		199		402	
AM Peak	-	07:45	-	-	-	07:45	-	-	-	-	-
Vol.	-	23	-	-	-	12	-	-	-	-	-
P.H.F.		0.719				0.750					
PM Peak	-	-	03:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	21	-	-	-	29	-	-	-	-
P.H.F.			0.750				0.806				
Percentage		39.4%	60.6%			25.6%	74.4%				
ADT/AADT		ADT 402		AADT 402							

Counts Unlimited, Inc.

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City of Redlands
Tennessee Street / San Mateo Street
B/ Colton Avenue - Brookside Avenue
24 Hour Directional Volume Count

RED119
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		5	96			10	77				
12:15		3	112			10	68				
12:30		5	90			3	76				
12:45		3	84	16	382	9	78	32	299	48	681
01:00		2	92			1	79				
01:15		3	90			3	69				
01:30		1	84			2	89				
01:45		1	99	7	365	2	92	8	329	15	694
02:00		2	108			6	81				
02:15		2	118			2	84				
02:30		4	106			0	94				
02:45		3	**128**	11	460	3	**188**	11	447	22	907
03:00		6	**113**			3	**171**				
03:15		3	**106**			5	**117**				
03:30		7	**132**			4	**121**				
03:45		5	104	21	455	7	116	19	525	40	980
04:00		7	95			3	111				
04:15		6	108			10	89				
04:30		15	109			14	114				
04:45		13	114	41	426	15	120	42	434	83	860
05:00		16	84			12	135				
05:15		20	85			24	103				
05:30		29	78			23	104				
05:45		30	84	95	331	22	87	81	429	176	760
06:00		39	70			15	102				
06:15		33	74			13	77				
06:30		65	69			41	67				
06:45		89	57	226	270	36	91	105	337	331	607
07:00		97	85			43	77				
07:15		120	53			67	50				
07:30		**174**	51			**123**	67				
07:45		**188**	56	579	245	**167**	55	400	249	979	494
08:00		**121**	36			**95**	37				
08:15		**137**	32			**108**	51				
08:30		121	37			60	49				
08:45		112	32	491	137	63	48	326	185	817	322
09:00		90	29			59	50				
09:15		83	25			75	41				
09:30		78	20			54	24				
09:45		93	16	344	90	60	26	248	141	592	231
10:00		90	23			62	24				
10:15		104	17			74	16				
10:30		89	8			75	18				
10:45		77	14	360	62	60	14	271	72	631	134
11:00		89	7			75	17				
11:15		95	10			82	14				
11:30		104	3			70	7				
11:45		124	11	412	31	75	7	302	45	714	76
Total		2603	3254	2603	3254	1845	3492	1845	3492	4448	6746
Combined Total		5857		5857		5337		5337		11194	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	620	-	-	-	493	-	-	-	-	-
P.H.F.		0.824				0.738					
PM Peak	-	-	02:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	479	-	-	-	597	-	-	-	-
P.H.F.			0.907				0.794				
Percentage		44.4%	55.6%			34.6%	65.4%				
ADT/AADT		ADT 11,194		AADT 11,194							

Counts Unlimited, Inc.

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City of Redlands
Terracina Boulevard
B/ Barton Road - Olive Avenue
24 Hour Directional Volume Count

RED120
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		9	77			3	52				
12:15		1	61			2	60				
12:30		7	80			3	59				
12:45		10	62	27	280	3	63	11	234	38	514
01:00		5	74			5	68				
01:15		5	71			5	68				
01:30		8	81			4	68				
01:45		4	69	22	295	6	54	20	258	42	553
02:00		5	89			2	77				
02:15		4	84			2	81				
02:30		4	86			3	92				
02:45		4	80	17	339	6	84	13	334	30	673
03:00		1	**101**			3	**106**				
03:15		1	**136**			0	**87**				
03:30		3	**120**			2	**99**				
03:45		6	**84**	11	441	9	**94**	14	386	25	827
04:00		4	77			5	94				
04:15		6	73			6	92				
04:30		9	82			7	93				
04:45		15	74	34	306	23	85	41	364	75	670
05:00		11	74			10	93				
05:15		12	72			20	97				
05:30		20	74			27	98				
05:45		18	51	61	271	47	79	104	367	165	638
06:00		18	51			26	65				
06:15		44	40			56	73				
06:30		55	55			57	57				
06:45		52	57	169	203	100	61	239	256	408	459
07:00		73	59			62	43				
07:15		92	47			45	33				
07:30		**145**	45			75	50				
07:45		**119**	35	429	186	**87**	33	269	159	698	345
08:00		**134**	34			**75**	30				
08:15		**138**	31			**109**	33				
08:30		126	26			**80**	24				
08:45		97	16	495	107	69	26	333	113	828	220
09:00		62	29			71	27				
09:15		67	19			62	18				
09:30		75	16			48	9				
09:45		73	10	277	74	57	16	238	70	515	144
10:00		72	10			47	14				
10:15		57	15			63	8				
10:30		56	6			58	15				
10:45		73	15	258	46	66	21	234	58	492	104
11:00		69	23			52	10				
11:15		70	22			75	9				
11:30		61	23			56	6				
11:45		72	7	272	75	52	5	235	30	507	105
Total		2072	2623	2072	2623	1751	2629	1751	2629	3823	5252
Combined Total		4695		4695		4380		4380		9075	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	536	-	-	-	351	-	-	-	-	-
P.H.F.		0.924				0.805					
PM Peak	-	-	03:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	441	-	-	-	386	-	-	-	-
P.H.F.			0.811				0.910				
Percentage		44.1%	55.9%			40.0%	60.0%				
ADT/AADT		ADT 9,075		AADT 9,075							

Counts Unlimited, Inc.

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City of Redlands
Terracina Boulevard
B/ Olive Avenue - Cypress Avenue
24 Hour Directional Volume Count

RED121
Site Code: 105-21433

Start Time	09-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		8	56			4	48				
12:15		2	61			3	48				
12:30		5	65			2	58				
12:45		3	55	18	237	4	45	13	199	31	436
01:00		5	65			6	80				
01:15		4	78			3	66				
01:30		6	72			6	52				
01:45		7	73	22	288	6	58	21	256	43	544
02:00		6	74			4	70				
02:15		4	80			2	63				
02:30		4	82			2	80				
02:45		2	**73**	16	309	6	78	14	291	30	600
03:00		1	**86**			5	98				
03:15		0	**116**			3	83				
03:30		4	**115**			1	82				
03:45		6	73	11	390	8	89	17	352	28	742
04:00		4	72			6	81				
04:15		5	58			5	85				
04:30		6	73			7	93				
04:45		10	63	25	266	18	75	36	334	61	600
05:00		12	61			12	**98**				
05:15		8	61			17	**92**				
05:30		19	55			29	**90**				
05:45		18	48	57	225	42	**83**	100	363	157	588
06:00		18	43			35	58				
06:15		41	39			43	76				
06:30		49	48			42	58				
06:45		50	45	158	175	88	52	208	244	366	419
07:00		58	56			68	51				
07:15		85	47			51	33				
07:30		**139**	47			48	34				
07:45		**123**	32	405	182	**70**	41	237	159	642	341
08:00		**117**	36			**74**	29				
08:15		**127**	30			**103**	36				
08:30		119	26			**79**	23				
08:45		98	14	461	106	69	25	325	113	786	219
09:00		60	27			72	26				
09:15		56	18			61	23				
09:30		64	18			53	10				
09:45		61	8	241	71	45	12	231	71	472	142
10:00		65	9			43	12				
10:15		70	11			53	7				
10:30		39	7			51	18				
10:45		56	15	230	42	74	16	221	53	451	95
11:00		69	21			58	11				
11:15		56	13			49	13				
11:30		57	27			65	6				
11:45		70	9	252	70	59	3	231	33	483	103
Total		1896	2361	1896	2361	1654	2468	1654	2468	3550	4829
Combined Total		4257		4257		4122		4122		8379	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	506	-	-	-	326	-	-	-	-	-
P.H.F.		0.910				0.791					
PM Peak	-	-	02:45	-	-	-	05:00	-	-	-	-
Vol.	-	-	390	-	-	-	363	-	-	-	-
P.H.F.			0.841				0.926				
Percentage		44.5%	55.5%			40.1%	59.9%				
ADT/AADT		ADT 8,379		AADT 8,379							

Counts Unlimited, Inc.

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City of Redlands
Texas Street
B/ Redlands Boulevard - Lugonia Avenue
24 Hour Directional Volume Count

RED122
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		7	72			7	51				
12:15		8	62			3	64				
12:30		1	78			5	61				
12:45		6	73	22	285	7	61	22	237	44	522
01:00		7	61			2	56				
01:15		3	71			6	81				
01:30		5	79			2	79				
01:45		4	83	19	294	2	65	12	281	31	575
02:00		6	86			3	62				
02:15		2	84			1	79				
02:30		2	87			4	82				
02:45		3	99	13	356	3	64	11	287	24	643
03:00		3	128			0	62				
03:15		4	88			1	75				
03:30		3	83			4	**93**				
03:45		3	116	13	415	2	**100**	7	330	20	745
04:00		3	113			4	**87**				
04:15		5	106			4	**82**				
04:30		6	103			5	87				
04:45		12	99	26	421	3	75	16	331	42	752
05:00		6	**137**			12	66				
05:15		5	**105**			16	69				
05:30		5	**115**			19	85				
05:45		9	**114**	25	471	24	86	71	306	96	777
06:00		9	80			13	69				
06:15		22	106			35	71				
06:30		24	70			42	59				
06:45		24	76	79	332	50	70	140	269	219	601
07:00		36	59			48	52				
07:15		37	62			89	60				
07:30		40	57			**118**	37				
07:45		**77**	61	190	239	**142**	40	397	189	587	428
08:00		**76**	57			**83**	50				
08:15		**72**	49			**103**	49				
08:30		**62**	51			83	39				
08:45		67	44	277	201	48	35	317	173	594	374
09:00		43	36			51	32				
09:15		48	32			58	26				
09:30		55	27			48	26				
09:45		55	30	201	125	46	14	203	98	404	223
10:00		45	21			50	20				
10:15		55	25			58	14				
10:30		47	15			53	11				
10:45		46	10	193	71	55	7	216	52	409	123
11:00		50	6			64	9				
11:15		70	12			48	7				
11:30		55	13			58	9				
11:45		57	8	232	39	69	13	239	38	471	77
Total		1290	3249	1290	3249	1651	2591	1651	2591	2941	5840
Combined Total		4539		4539		4242		4242		8781	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	287	-	-	-	446	-	-	-	-	-
P.H.F.		0.932				0.785					
PM Peak	-	-	05:00	-	-	-	03:30	-	-	-	-
Vol.	-	-	471	-	-	-	362	-	-	-	-
P.H.F.			0.859				0.905				
Percentage		28.4%	71.6%			38.9%	61.1%				
ADT/AADT		ADT 8,781		AADT 8,781							

Counts Unlimited, Inc.

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City of Redlands
Texas Street
B/ Lugonia Avenue - San Bernardino Avenue
24 Hour Directional Volume Count

RED123
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	33			2	27				
12:15		3	22			0	22				
12:30		1	33			2	31				
12:45		1	31	7	119	2	29	6	109	13	228
01:00		3	37			4	23				
01:15		4	27			3	21				
01:30		5	33			4	32				
01:45		1	46	13	143	1	28	12	104	25	247
02:00		1	46			5	29				
02:15		2	32			1	34				
02:30		0	46			3	25				
02:45		5	**64**	8	188	5	25	14	113	22	301
03:00		0	**71**			1	30				
03:15		2	**75**			3	**61**				
03:30		3	**57**			3	**63**				
03:45		4	61	9	264	1	**51**	8	205	17	469
04:00		5	56			3	**37**				
04:15		4	48			4	31				
04:30		8	48			5	54				
04:45		18	53	35	205	5	48	17	170	52	375
05:00		8	52			13	26				
05:15		9	61			10	49				
05:30		20	42			7	59				
05:45		17	58	54	213	8	63	38	197	92	410
06:00		14	36			7	41				
06:15		12	48			6	34				
06:30		22	35			21	34				
06:45		30	42	78	161	25	31	59	140	137	301
07:00		28	23			28	33				
07:15		36	33			47	24				
07:30		**46**	24			41	31				
07:45		**79**	31	189	111	**53**	16	169	104	358	215
08:00		**87**	25			**58**	31				
08:15		**81**	34			**64**	20				
08:30		39	34			**42**	19				
08:45		34	26	241	119	26	19	190	89	431	208
09:00		24	11			22	13				
09:15		25	12			25	9				
09:30		25	10			29	9				
09:45		30	11	104	44	22	11	98	42	202	86
10:00		21	12			30	15				
10:15		32	11			26	12				
10:30		31	9			25	9				
10:45		27	11	111	43	19	6	100	42	211	85
11:00		22	5			27	5				
11:15		29	2			29	10				
11:30		32	6			23	7				
11:45		28	5	111	18	24	3	103	25	214	43
Total		960	1628	960	1628	814	1340	814	1340	1774	2968
Combined Total		2588		2588		2154		2154		4742	
AM Peak	-	07:30	-	-	-	07:45	-	-	-	-	-
Vol.	-	293	-	-	-	217	-	-	-	-	-
P.H.F.		0.842				0.848					
PM Peak	-	-	02:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	267	-	-	-	212	-	-	-	-
P.H.F.			0.890				0.841				
Percentage		37.1%	62.9%			37.8%	62.2%				
ADT/AADT		ADT 4,742		AADT 4,742							

Counts Unlimited, Inc.

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City of Redlands
Texas Street
B/ San Bernardino Avenue - Domestic Avenue
24 Hour Directional Volume Count

RED124
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	31			1	17				
12:15		4	18			0	15				
12:30		2	22			0	24				
12:45		1	23	8	94	2	32	3	88	11	182
01:00		3	24			1	25				
01:15		2	23			2	21				
01:30		3	24			0	29				
01:45		1	28	9	99	1	23	4	98	13	197
02:00		1	49			3	17				
02:15		1	30			0	43				
02:30		0	30			2	20				
02:45		3	**73**	5	182	1	20	6	100	11	282
03:00		0	**86**			1	**41**				
03:15		2	**60**			2	**67**				
03:30		5	**37**			3	**31**				
03:45		6	53	13	236	6	**55**	12	194	25	430
04:00		1	48			4	33				
04:15		2	31			7	29				
04:30		8	37			2	43				
04:45		9	37	20	153	3	28	16	133	36	286
05:00		6	42			4	22				
05:15		7	47			10	34				
05:30		5	45			6	38				
05:45		12	48	30	182	15	38	35	132	65	314
06:00		8	28			13	36				
06:15		18	31			9	27				
06:30		22	25			18	22				
06:45		26	35	74	119	23	14	63	99	137	218
07:00		23	25			32	17				
07:15		34	32			51	12				
07:30		**52**	24			**42**	20				
07:45		**91**	29	200	110	**49**	17	174	66	374	176
08:00		**141**	24			**90**	19				
08:15		**125**	28			**89**	19				
08:30		29	19			27	19				
08:45		22	26	317	97	17	16	223	73	540	170
09:00		14	17			21	8				
09:15		25	15			21	6				
09:30		17	10			18	9				
09:45		18	14	74	56	12	7	72	30	146	86
10:00		13	8			31	11				
10:15		20	16			20	8				
10:30		18	8			20	6				
10:45		24	5	75	37	24	5	95	30	170	67
11:00		20	10			21	2				
11:15		23	8			22	5				
11:30		20	5			16	4				
11:45		18	5	81	28	14	5	73	16	154	44
Total		906	1393	906	1393	776	1059	776	1059	1682	2452
Combined Total		2299		2299		1835		1835		4134	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	409	-	-	-	270	-	-	-	-	-
P.H.F.		0.725				0.750					
PM Peak	-	-	02:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	256	-	-	-	194	-	-	-	-
P.H.F.			0.744				0.724				
Percentage		39.4%	60.6%			42.3%	57.7%				
ADT/AADT		ADT 4,134		AADT 4,134							

Counts Unlimited, Inc.

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City of Redlands
University Street
B/ Cypress Avenue - Colton Avenue
24 Hour Directional Volume Count

RED125
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		25	122			19	128				
12:15		28	118			15	152				
12:30		16	141			20	131				
12:45		21	123	90	504	11	122	65	533	155	1037
01:00		12	125			13	102				
01:15		16	118			12	110				
01:30		21	**134**			11	116				
01:45		14	**138**	63	515	12	96	48	424	111	939
02:00		7	**137**			9	**134**				
02:15		14	**127**			9	**156**				
02:30		6	127			7	**143**				
02:45		14	129	41	520	10	**143**	35	576	76	1096
03:00		7	135			18	121				
03:15		11	130			16	116				
03:30		9	135			39	144				
03:45		6	122	33	522	28	141	101	522	134	1044
04:00		8	123			35	140				
04:15		15	113			50	121				
04:30		14	116			74	124				
04:45		23	124	60	476	63	118	222	503	282	979
05:00		16	109			71	149				
05:15		16	104			95	123				
05:30		36	99			116	127				
05:45		64	116	132	428	90	136	372	535	504	963
06:00		45	125			129	142				
06:15		38	99			142	136				
06:30		53	133			172	108				
06:45		76	123	212	480	195	107	638	493	850	973
07:00		65	117			**204**	92				
07:15		95	137			**223**	82				
07:30		122	102			**222**	92				
07:45		104	116	386	472	**215**	95	864	361	1250	833
08:00		119	119			170	90				
08:15		102	113			153	73				
08:30		**108**	98			162	71				
08:45		**134**	85	463	415	145	70	630	304	1093	719
09:00		**150**	83			93	69				
09:15		**151**	86			125	62				
09:30		103	85			134	44				
09:45		118	79	522	333	133	52	485	227	1007	560
10:00		89	68			112	59				
10:15		112	69			118	43				
10:30		119	40			102	23				
10:45		131	51	451	228	154	25	486	150	937	378
11:00		96	41			110	23				
11:15		97	35			115	24				
11:30		113	33			126	25				
11:45		108	28	414	137	134	18	485	90	899	227
Total		2867	5030	2867	5030	4431	4718	4431	4718	7298	9748
Combined Total		7897		7897		9149		9149		17046	
AM Peak	-	08:30	-	-	-	07:00	-	-	-	-	-
Vol.	-	543	-	-	-	864	-	-	-	-	-
P.H.F.		0.899				0.969					
PM Peak	-	-	01:30	-	-	-	02:00	-	-	-	-
Vol.	-	-	536	-	-	-	576	-	-	-	-
P.H.F.			0.971				0.923				
Percentage		36.3%	63.7%			48.4%	51.6%				
ADT/AADT		ADT 17,046		AADT 17,046							

Counts Unlimited, Inc.

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City of Redlands
University Street
B/ Colton Avenue - Lugonia Avenue
24 Hour Directional Volume Count

RED126
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		21	90			17	79				
12:15		22	77			7	79				
12:30		10	81			12	82				
12:45		12	77	65	325	6	70	42	310	107	635
01:00		10	77			9	70				
01:15		14	98			7	70				
01:30		14	65			9	81				
01:45		8	91	46	331	6	71	31	292	77	623
02:00		6	98			4	98				
02:15		9	70			3	72				
02:30		4	104			3	75				
02:45		6	109	25	381	7	91	17	336	42	717
03:00		7	108			9	67				
03:15		5	**98**			16	**85**				
03:30		10	**107**			27	**88**				
03:45		5	**132**	27	445	19	**101**	71	341	98	786
04:00		6	**119**			25	**78**				
04:15		9	75			24	60				
04:30		11	101			38	63				
04:45		14	110	40	405	36	72	123	273	163	678
05:00		11	92			38	87				
05:15		11	91			61	55				
05:30		21	88			69	75				
05:45		37	87	80	358	64	79	232	296	312	654
06:00		32	104			72	79				
06:15		20	103			81	82				
06:30		35	105			104	61				
06:45		33	87	120	399	96	74	353	296	473	695
07:00		38	108			**115**	57				
07:15		67	107			**152**	46				
07:30		76	92			**133**	66				
07:45		61	103	242	410	**100**	77	500	246	742	656
08:00		59	82			87	58				
08:15		60	88			88	64				
08:30		66	75			114	58				
08:45		53	67	238	312	76	60	365	240	603	552
09:00		54	56			85	53				
09:15		53	54			96	49				
09:30		71	55			89	29				
09:45		62	49	240	214	71	39	341	170	581	384
10:00		57	52			65	41				
10:15		57	57			83	20				
10:30		62	22			74	21				
10:45		64	34	240	165	74	20	296	102	536	267
11:00		**75**	29			55	13				
11:15		**72**	20			79	19				
11:30		**88**	18			78	14				
11:45		**78**	23	313	90	73	7	285	53	598	143
Total		1676	3835	1676	3835	2656	2955	2656	2955	4332	6790
Combined Total		5511		5511		5611		5611		11122	
AM Peak	-	11:00	-	-	-	07:00	-	-	-	-	-
Vol.	-	313	-	-	-	500	-	-	-	-	-
P.H.F.		0.889				0.822					
PM Peak	-	-	03:15	-	-	-	03:15	-	-	-	-
Vol.	-	-	456	-	-	-	352	-	-	-	-
P.H.F.			0.864				0.871				
Percentage		30.4%	69.6%			47.3%	52.7%				
ADT/AADT		ADT 11,122		AADT 11,122							

Counts Unlimited, Inc.

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City of Redlands
University Street
B/ Lugonia Avenue - San Bernardino Avenue
24 Hour Directional Volume Count

RED127
Site Code: 105-21433

Start Time	02-Sep-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		4	5			3	20				
12:15		4	22			0	13				
12:30		0	8			0	9				
12:45		3	17	11	52	0	12	3	54	14	106
01:00		1	7			0	5				
01:15		1	7			2	10				
01:30		2	7			0	11				
01:45		2	11	6	32	1	23	3	49	9	81
02:00		0	24			0	15				
02:15		2	11			0	10				
02:30		0	13			0	11				
02:45		0	16	2	64	1	7	1	43	3	107
03:00		1	17			0	**14**				
03:15		0	14			2	**18**				
03:30		2	18			1	**16**				
03:45		0	15	3	64	1	**17**	4	65	7	129
04:00		1	21			0	11				
04:15		3	9			3	8				
04:30		0	**14**			0	8				
04:45		0	**17**	4	61	3	4	6	31	10	92
05:00		0	**27**			1	14				
05:15		2	**22**			1	8				
05:30		1	14			2	20				
05:45		4	16	7	79	5	17	9	59	16	138
06:00		1	16			7	9				
06:15		1	18			5	8				
06:30		6	16			8	11				
06:45		3	16	11	66	9	10	29	38	40	104
07:00		5	12			4	10				
07:15		8	16			**27**	9				
07:30		**16**	13			**25**	8				
07:45		**11**	14	40	55	**16**	1	72	28	112	83
08:00		**12**	5			**8**	6				
08:15		**12**	7			16	5				
08:30		10	10			18	8				
08:45		10	4	44	26	8	5	50	24	94	50
09:00		10	5			10	8				
09:15		6	3			16	8				
09:30		6	9			9	3				
09:45		11	7	33	24	12	0	47	19	80	43
10:00		9	6			9	3				
10:15		8	3			6	1				
10:30		6	2			15	1				
10:45		11	5	34	16	15	5	45	10	79	26
11:00		10	5			7	2				
11:15		16	2			11	2				
11:30		7	2			13	3				
11:45		9	1	42	10	5	1	36	8	78	18
Total		237	549	237	549	305	428	305	428	542	977
Combined Total		786		786		733		733		1519	
AM Peak	-	07:30	-	-	-	07:15	-	-	-	-	-
Vol.	-	51	-	-	-	76	-	-	-	-	-
P.H.F.		0.797				0.704					
PM Peak	-	-	04:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	80	-	-	-	65	-	-	-	-
P.H.F.			0.741				0.707				
Percentage		30.2%	69.8%			41.6%	58.4%				
ADT/AADT		ADT 1,519		AADT 1,519							

Counts Unlimited, Inc.

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City of Redlands
Via Vista Drive
B/ Country Club Drive - Helena Lane
24 Hour Directional Volume Count

RED128
Site Code: 105-21433

Start Time	08-Sep-21 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		2	1			0	1				
12:15		0	3			0	3				
12:30		0	2			0	3				
12:45		0	2	2	8	1	2	1	9	3	17
01:00		1	1			0	3				
01:15		0	2			0	1				
01:30		0	2			0	**2**				
01:45		2	3	3	8	0	**3**	0	9	3	17
02:00		0	1			0	**4**				
02:15		0	1			0	**5**				
02:30		0	3			0	0				
02:45		0	2	0	7	1	5	1	14	1	21
03:00		0	3			1	2				
03:15		0	4			0	1				
03:30		0	5			0	5				
03:45		0	2	0	14	1	2	2	10	2	24
04:00		0	1			1	2				
04:15		0	0			0	3				
04:30		0	3			0	2				
04:45		1	5	1	9	0	0	1	7	2	16
05:00		0	0			0	4				
05:15		0	**3**			0	0				
05:30		3	**6**			0	3				
05:45		1	**8**	4	17	3	4	3	11	7	28
06:00		0	**5**			1	4				
06:15		1	2			0	3				
06:30		1	4			0	3				
06:45		2	1	4	12	0	4	1	14	5	26
07:00		0	3			0	0				
07:15		0	2			2	5				
07:30		**2**	5			**3**	2				
07:45		**2**	2	4	12	**0**	0	5	7	9	19
08:00		**2**	4			**4**	2				
08:15		**2**	1			**5**	0				
08:30		0	4			1	1				
08:45		0	0	4	9	0	0	10	3	14	12
09:00		1	1			1	1				
09:15		1	0			0	0				
09:30		2	3			3	1				
09:45		0	0	4	4	2	2	6	4	10	8
10:00		2	0			2	1				
10:15		1	1			1	0				
10:30		3	0			3	1				
10:45		0	0	6	1	1	0	7	2	13	3
11:00		4	0			1	1				
11:15		1	0			0	0				
11:30		0	0			1	0				
11:45		2	0	7	0	3	1	5	2	12	2
Total		39	101	39	101	42	92	42	92	81	193
Combined Total		140		140		134		134		274	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	8	-	-	-	12	-	-	-	-	-
P.H.F.		1.000				0.600					
PM Peak	-	-	05:15	-	-	-	01:30	-	-	-	-
Vol.	-	-	22	-	-	-	14	-	-	-	-
P.H.F.			0.688				0.700				
Percentage		27.9%	72.1%			31.3%	68.7%				
ADT/AADT		ADT 274		AADT 274							

Counts Unlimited, Inc.

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City of Redlands
Wabash Avenue
B/ Fifth Avenue - Citrus Avenue
24 Hour Directional Volume Count

RED129
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	37			1	41				
12:15		3	23			3	35				
12:30		3	36			1	35				
12:45		2	18	11	114	0	34	5	145	16	259
01:00		1	19			0	24				
01:15		2	21			2	21				
01:30		2	49			1	24				
01:45		1	34	6	123	0	32	3	101	9	224
02:00		0	29			4	43				
02:15		0	30			0	56				
02:30		0	26			2	36				
02:45		0	29	0	114	0	47	6	182	6	296
03:00		0	**54**			1	34				
03:15		0	**51**			3	55				
03:30		2	**41**			0	71				
03:45		1	**35**	3	181	2	56	6	216	9	397
04:00		3	28			1	42				
04:15		1	22			2	62				
04:30		4	33			1	47				
04:45		4	39	12	122	3	**67**	7	218	19	340
05:00		5	35			2	**59**				
05:15		3	25			5	**60**				
05:30		4	33			4	**56**				
05:45		12	42	24	135	8	53	19	228	43	363
06:00		5	38			9	51				
06:15		11	31			9	38				
06:30		9	21			16	44				
06:45		17	17	42	107	20	49	54	182	96	289
07:00		30	28			21	50				
07:15		35	21			38	34				
07:30		31	20			**36**	32				
07:45		**52**	13	148	82	**45**	31	140	147	288	229
08:00		**71**	19			**39**	34				
08:15		**51**	23			**49**	27				
08:30		**32**	11			24	21				
08:45		26	9	180	62	26	14	138	96	318	158
09:00		28	13			15	16				
09:15		24	12			32	9				
09:30		26	12			25	17				
09:45		36	8	114	45	27	13	99	55	213	100
10:00		21	13			14	10				
10:15		23	7			22	8				
10:30		22	3			33	7				
10:45		34	4	100	27	34	4	103	29	203	56
11:00		17	6			30	7				
11:15		28	3			23	5				
11:30		31	1			22	3				
11:45		29	0	105	10	30	1	105	16	210	26
Total		745	1122	745	1122	685	1615	685	1615	1430	2737
Combined Total		1867		1867		2300		2300		4167	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	206	-	-	-	169	-	-	-	-	-
P.H.F.		0.725				0.862					
PM Peak	-	-	03:00	-	-	-	04:45	-	-	-	-
Vol.	-	-	181	-	-	-	242	-	-	-	-
P.H.F.			0.838				0.903				
Percentage		39.9%	60.1%			29.8%	70.2%				
ADT/AADT		ADT 4,167		AADT 4,167							

Counts Unlimited, Inc.

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City of Redlands
Wabash Avenue
B/ Citrus Avenue - Colton Avenue
24 Hour Directional Volume Count

RED130
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		3	54			4	45				
12:15		3	31			2	52				
12:30		3	46			2	49				
12:45		1	28	10	159	1	49	9	195	19	354
01:00		3	37			2	41				
01:15		3	31			1	48				
01:30		3	44			1	57				
01:45		5	44	14	156	1	53	5	199	19	355
02:00		1	76			6	75				
02:15		1	61			4	54				
02:30		1	31			3	42				
02:45		1	46	4	214	1	55	14	226	18	440
03:00		1	58			3	36				
03:15		2	**72**			4	56				
03:30		4	**71**			0	73				
03:45		3	**44**	10	245	2	47	9	212	19	457
04:00		2	**61**			3	52				
04:15		2	41			8	61				
04:30		5	46			6	58				
04:45		7	61	16	209	8	62	25	233	41	442
05:00		7	66			5	56				
05:15		10	48			6	**66**				
05:30		9	58			12	**59**				
05:45		18	72	44	244	13	**66**	36	247	80	491
06:00		7	55			9	**58**				
06:15		13	54			16	53				
06:30		13	31			23	57				
06:45		18	30	51	170	30	64	78	232	129	402
07:00		32	43			35	52				
07:15		30	32			**70**	37				
07:30		40	26			**109**	38				
07:45		**84**	28	186	129	**130**	37	344	164	530	293
08:00		**62**	37			**49**	37				
08:15		**52**	36			44	28				
08:30		**50**	11			39	26				
08:45		32	21	196	105	26	18	158	109	354	214
09:00		34	18			28	17				
09:15		40	19			42	15				
09:30		36	17			32	19				
09:45		40	9	150	63	31	18	133	69	283	132
10:00		26	19			31	10				
10:15		38	11			37	12				
10:30		30	8			46	8				
10:45		50	7	144	45	42	4	156	34	300	79
11:00		27	8			41	10				
11:15		44	7			28	7				
11:30		49	2			26	5				
11:45		42	7	162	24	49	2	144	24	306	48
Total		987	1763	987	1763	1111	1944	1111	1944	2098	3707
Combined Total		2750		2750		3055		3055		5805	
AM Peak	-	07:45	-	-	-	07:15	-	-	-	-	-
Vol.	-	248	-	-	-	358	-	-	-	-	-
P.H.F.		0.738				0.688					
PM Peak	-	-	03:15	-	-	-	05:15	-	-	-	-
Vol.	-	-	248	-	-	-	249	-	-	-	-
P.H.F.			0.861				0.943				
Percentage		35.9%	64.1%			36.4%	63.6%				
ADT/AADT		ADT 5,805		AADT 5,805							

Counts Unlimited, Inc.

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City of Redlands
Wabash Avenue
B/ Colton Avenue - Sessums Drive
24 Hour Directional Volume Count

RED131
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		6	68			4	67				
12:15		8	64			11	74				
12:30		4	77			7	75				
12:45		2	60	20	269	2	75	24	291	44	560
01:00		0	49			2	60				
01:15		1	69			2	65				
01:30		1	65			1	60				
01:45		6	45	8	228	2	75	7	260	15	488
02:00		3	56			8	86				
02:15		5	112			1	70				
02:30		2	59			6	78				
02:45		2	73	12	300	4	85	19	319	31	619
03:00		0	72			3	78				
03:15		0	**133**			4	**125**				
03:30		5	**174**			1	**114**				
03:45		5	**90**	10	469	10	**86**	18	403	28	872
04:00		5	**87**			6	**93**				
04:15		6	71			5	87				
04:30		9	69			3	80				
04:45		14	100	34	327	10	94	24	354	58	681
05:00		8	76			9	99				
05:15		18	87			7	94				
05:30		20	84			9	91				
05:45		29	91	75	338	19	93	44	377	119	715
06:00		31	92			19	102				
06:15		29	79			24	90				
06:30		45	59			34	82				
06:45		44	60	149	290	32	76	109	350	258	640
07:00		41	62			32	83				
07:15		54	51			47	73				
07:30		60	45			**73**	69				
07:45		69	45	224	203	**109**	56	261	281	485	484
08:00		**112**	48			**122**	60				
08:15		**126**	57			**77**	69				
08:30		**77**	27			63	49				
08:45		**74**	35	389	167	46	45	308	223	697	390
09:00		47	33			61	35				
09:15		62	28			65	37				
09:30		59	21			52	30				
09:45		49	16	217	98	49	31	227	133	444	231
10:00		54	22			55	26				
10:15		51	16			40	21				
10:30		52	13			61	16				
10:45		55	10	212	61	48	15	204	78	416	139
11:00		52	6			62	16				
11:15		56	7			48	12				
11:30		60	4			54	6				
11:45		70	6	238	23	65	4	229	38	467	61
Total		1588	2773	1588	2773	1474	3107	1474	3107	3062	5880
Combined Total		4361		4361		4581		4581		8942	
AM Peak	-	08:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	389	-	-	-	381	-	-	-	-	-
P.H.F.		0.772				0.781					
PM Peak	-	-	03:15	-	-	-	03:15	-	-	-	-
Vol.	-	-	484	-	-	-	418	-	-	-	-
P.H.F.			0.695				0.836				
Percentage		36.4%	63.6%			32.2%	67.8%				
ADT/AADT		ADT 8,942		AADT 8,942							

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City of Redlands
Wabash Avenue
B/ Fifth Avenue - Panorama Drive
24 Hour Directional Volume Count

RED132
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	7			0	3				
12:15		0	3			1	5				
12:30		0	8			1	**6**				
12:45		0	6	0	24	0	**12**	2	26	2	50
01:00		0	9			0	**6**				
01:15		0	1			0	**9**				
01:30		0	7			0	4				
01:45		0	4	0	21	0	8	0	27	0	48
02:00		1	4			0	7				
02:15		0	**6**			0	2				
02:30		0	**7**			0	7				
02:45		0	**11**	1	28	0	8	0	24	1	52
03:00		0	**7**			0	5				
03:15		0	6			1	9				
03:30		0	3			0	9				
03:45		0	9	0	25	1	6	2	29	2	54
04:00		0	4			0	7				
04:15		0	3			0	9				
04:30		0	7			0	8				
04:45		0	4	0	18	0	7	0	31	0	49
05:00		1	7			0	7				
05:15		1	2			0	3				
05:30		2	4			0	9				
05:45		3	9	7	22	1	10	1	29	8	51
06:00		1	7			1	5				
06:15		4	4			0	5				
06:30		2	3			3	10				
06:45		5	2	12	16	4	1	8	21	20	37
07:00		3	7			4	2				
07:15		**12**	1			3	6				
07:30		**11**	3			4	4				
07:45		**5**	1	31	12	5	5	16	17	47	29
08:00		**12**	1			5	7				
08:15		12	2			3	2				
08:30		2	1			2	1				
08:45		10	0	36	4	4	2	14	12	50	16
09:00		4	1			5	3				
09:15		3	0			3	1				
09:30		7	2			7	4				
09:45		12	2	26	5	3	5	18	13	44	18
10:00		5	2			3	3				
10:15		7	1			5	3				
10:30		1	0			3	0				
10:45		6	1	19	4	6	0	17	6	36	10
11:00		6	0			**5**	1				
11:15		8	0			**4**	1				
11:30		6	0			**4**	0				
11:45		5	0	25	0	**8**	0	21	2	46	2
Total		157	179	157	179	99	237	99	237	256	416
Combined Total		336		336		336		336		672	
AM Peak	-	07:15	-	-	-	11:00	-	-	-	-	-
Vol.	-	40	-	-	-	21	-	-	-	-	-
P.H.F.		0.833				0.656					
PM Peak	-	-	02:15	-	-	-	00:30	-	-	-	-
Vol.	-	-	31	-	-	-	33	-	-	-	-
P.H.F.			0.705				0.688				
Percentage		46.7%	53.3%			29.5%	70.5%				
ADT/AADT		ADT 672		AADT 672							

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Redlands
Wabash Avenue
B/ Reservoir Road - Palo Alto Drive
24 Hour Directional Volume Count

RED133
Site Code: 105-21433

Start Time	26-Aug-21 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	**39**			1	11				
12:15		0	**14**			0	13				
12:30		0	**7**			0	5				
12:45		0	**8**	0	68	0	11	1	40	1	108
01:00		0	7			1	11				
01:15		2	6			0	12				
01:30		0	10			0	4				
01:45		0	4	2	27	0	8	1	35	3	62
02:00		0	8			0	8				
02:15		0	9			0	11				
02:30		0	4			1	7				
02:45		0	8	0	29	2	4	3	30	3	59
03:00		0	16			0	**12**				
03:15		0	14			1	**11**				
03:30		0	9			0	**21**				
03:45		0	7	0	46	0	**10**	1	54	1	100
04:00		0	8			0	11				
04:15		1	7			0	9				
04:30		0	12			0	15				
04:45		1	9	2	36	0	13	0	48	2	84
05:00		2	8			0	8				
05:15		0	3			0	9				
05:30		1	5			0	7				
05:45		5	12	8	28	0	13	0	37	8	65
06:00		4	20			2	7				
06:15		2	7			0	7				
06:30		7	8			4	13				
06:45		5	2	18	37	6	14	12	41	30	78
07:00		5	5			9	12				
07:15		**22**	6			**31**	7				
07:30		**51**	3			**31**	11				
07:45		**64**	3	142	17	**42**	6	113	36	255	53
08:00		**45**	5			**15**	7				
08:15		9	1			9	6				
08:30		10	0			13	5				
08:45		11	1	75	7	6	6	43	24	118	31
09:00		5	4			7	2				
09:15		6	0			2	5				
09:30		8	2			2	1				
09:45		3	0	22	6	3	1	14	9	36	15
10:00		1	0			10	4				
10:15		8	2			2	2				
10:30		5	0			10	3				
10:45		4	3	18	5	4	0	26	9	44	14
11:00		3	1			10	3				
11:15		7	0			21	3				
11:30		11	0			37	0				
11:45		55	0	76	1	41	0	109	6	185	7
Total		363	307	363	307	323	369	323	369	686	676
Combined Total		670		670		692		692		1362	
AM Peak	-	07:15	-	-	-	07:15	-	-	-	-	-
Vol.	-	182	-	-	-	119	-	-	-	-	-
P.H.F.		0.711				0.708					
PM Peak	-	-	12:00	-	-	-	03:00	-	-	-	-
Vol.	-	-	68	-	-	-	54	-	-	-	-
P.H.F.			0.436				0.643				
Percentage		54.2%	45.8%			46.7%	53.3%				
ADT/AADT		ADT 1,362		AADT 1,362							

Appendix D

Speed Study Traffic Condition Summary Forms

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alabama Street	SEGMENT #1	DATE: 1/14/2022
LIMITS: b/t Barton Road and Park Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64-104	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential/Commercial	Residential/Industrial
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	N
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	14,656	(1)
14. Length of segment (miles)	0.73	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	33 - 55	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	72.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	9	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.86	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Elias Bandek Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

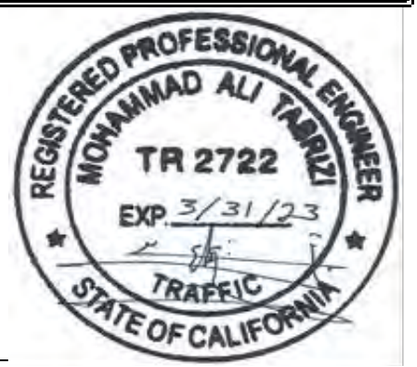
SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alabama Street	SEGMENT #2	DATE: 1/14/2022
LIMITS: b/t Park Avenue and Lugiona Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64-86	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P/R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	25,408	(1)
14. Length of segment (miles)	0.67	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	32 - 46	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	84.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	33	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.99	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Railroad	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alabama Street	SEGMENT #3	DATE: 1/14/2022
LIMITS: b/t City Limit s/o Santa Ana River and City Limit n/o Santa Ana River		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	46	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	50	(1)
6. Surrounding land uses	Industrial	None
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Rare	None
9. Curb and gutter present	Curb (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	21,183	(1)
14. Length of segment (miles)	0.87	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	58	(1)
2. Average speed (mph)	52	(1)
3. 50th percentile speed (mph)	51	(1)
4. Range of speeds (mph)	40 - 65	(1)
5. 10 mile per hour pace speed (mph)	47 - 56	(1)
6. Percent in 10 miles per hour pace	64.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.05	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Shoulder (Partial)	(1)
E. Recommended speed limit (mph)[3]	55	55
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alessandro Road	SEGMENT #4	DATE: 1/14/2022
LIMITS: b/t Crescent Avenue and Sunset Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36-50	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	Y (Partial), Wall (Partial)
10. Sidewalks present	N	(1)
11. Street illumination midblock	Y (Partial)	N
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	6,071	(1)
14. Length of segment (miles)	0.49	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	43	(1)
4. Range of speeds (mph)	33 - 48	(1)
5. 10 mile per hour pace speed (mph)	38 - 47	(1)
6. Percent in 10 miles per hour pace	89.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

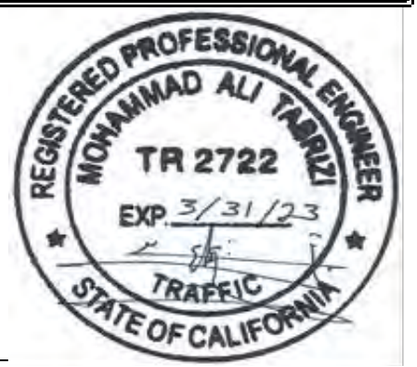
SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alessandro Road	SEGMENT #5	DATE: 1/14/2022
LIMITS: b/t Sunset Drive and Creekside Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	26-30	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	N	Y
8. Frequency of driveways (frequent, rare, none)	None	Rare
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	5,671	(1)
14. Length of segment (miles)	0.71	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	43	(1)
3. 50th percentile speed (mph)	44	(1)
4. Range of speeds (mph)	34 - 51	(1)
5. 10 mile per hour pace speed (mph)	39 - 48	(1)
6. Percent in 10 miles per hour pace	82.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.51	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	SB Slide Area/NB Trail (Partial)	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alessandro Road	SEGMENT #6	DATE: 1/14/2022
LIMITS: b/t Creekside Drive and San Timoteo Canyon Road		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	26	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	None	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	N	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	4,662	(1)
14. Length of segment (miles)	0.22	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	27 - 44	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	77.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Railroad	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Alta Vista Drive	SEGMENT #7	DATE: 1/14/2022
LIMITS: b/t Florida Street and Sunset Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	26-50	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	2,583	(1)
14. Length of segment (miles)	0.55	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	32 - 52	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Barton Road	SEGMENT #8	DATE: 1/14/2022
LIMITS: b/t West City Limit and Terracina Boulevard		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	82-88	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	Commercial
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	23,545	(1)
14. Length of segment (miles)	0.16	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	43	(1)
3. 50th percentile speed (mph)	43	(1)
4. Range of speeds (mph)	33 - 52	(1)
5. 10 mile per hour pace speed (mph)	38 - 47	(1)
6. Percent in 10 miles per hour pace	75.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.41	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Barton Road	SEGMENT #9	DATE: 1/14/2022
LIMITS: b/t Terracina Boulevard and Alabama Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	86-88	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	Education
7. Does surrounding land use have direct access	N	Y
8. Frequency of driveways (frequent, rare, none)	None	Rare
9. Curb and gutter present	Y	Y (Partial)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	16,681	(1)
14. Length of segment (miles)	0.24	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	46	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	29 - 52	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	77.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.33	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Barton Road	SEGMENT #10	DATE: 1/14/2022
LIMITS: b/t Alabama Street and Lakeside Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	86-88	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential/Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	12,049	(1)
14. Length of segment (miles)	0.31	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	46	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	31 - 50	(1)
5. 10 mile per hour pace speed (mph)	38 - 47	(1)
6. Percent in 10 miles per hour pace	65%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	6	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.97	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Brockton Avenue	SEGMENT #11	DATE: 1/14/2022
LIMITS: b/t New York Street and Texas Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	39	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	1,288	(1)
14. Length of segment (miles)	0.20	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	31	(1)
3. 50th percentile speed (mph)	30	(1)
4. Range of speeds (mph)	22 - 43	(1)
5. 10 mile per hour pace speed (mph)	23 - 32	(1)
6. Percent in 10 miles per hour pace	62.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	5.73	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Brockton Avenue	SEGMENT #12	DATE: 1/14/2022
LIMITS: b/t Texas Street and Church Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Park	Residential/Utility
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	N	Y
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,161	(1)
14. Length of segment (miles)	0.90	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	26 - 47	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	64.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	31	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	6.65	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Brockton Avenue	SEGMENT #13	DATE: 1/14/2022
LIMITS: b/t Church Street and Judson Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	39	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Education	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	3,426	(1)
14. Length of segment (miles)	0.91	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	28 - 45	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	82.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	9	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.89	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Brockton Avenue	SEGMENT #14	DATE: 1/14/2022
LIMITS: b/t Judson Street and Wabash Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38-39	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	2,444	(1)
14. Length of segment (miles)	0.90	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	26 - 45	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.90	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Brookside Avenue	SEGMENT #15	DATE: 1/14/2022
LIMITS: b/t Lakeside Avenue and Center Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64-68	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	Residential/Commercial
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Rare	None
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	17,581	(1)
14. Length of segment (miles)	0.65	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	30 - 47	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	10	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.90	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Brookside Avenue	SEGMENT #16	DATE: 1/14/2022
LIMITS: b/t Center Street and Eureka Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	66-68	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Commercial	Residential/Religious
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	11,844	(1)
14. Length of segment (miles)	0.28	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	38	(1)
2. Average speed (mph)	34	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	24 - 44	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.13	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Cajon Street	SEGMENT #17	DATE: 1/14/2022
LIMITS: b/t Vine Street and Fern Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	48	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Commercial	Commercial/Religious
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	9,345	(1)
14. Length of segment (miles)	0.26	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	32	(1)
3. 50th percentile speed (mph)	32	(1)
4. Range of speeds (mph)	22 - 41	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.60	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes / Bike Route	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Cajon Street	SEGMENT #18	DATE: 1/14/2022
LIMITS: b/t Fern Avenue and Garden Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	48-50	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30 (n/o Highland), 35 (s/o)	(1)
6. Surrounding land uses	Residential	Residential/Education
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,581	(1)
14. Length of segment (miles)	0.90	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	24 - 43	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	15	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.98	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes (Partial) / Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: California Street	SEGMENT #19	DATE: 1/14/2022
LIMITS: b/t Palmetto Avenue and Almond Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	76-114	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	Y
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	6,556	(1)
14. Length of segment (miles)	0.66	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	48	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	30 - 53	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	58.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	15	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.98	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: California Street	SEGMENT #20	DATE: 1/14/2022
LIMITS: b/t Almond Avenue and Redlands Boulevard		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	78-112	(1)
2. Number of through travel lanes by direction	3	3 (n/o Lugonia), 2 (s/o)
3. Median Type (P = Painted, R = Raised, N = No Median)	P/R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Commercial/Industrial	Commercial
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	21,194	(1)
14. Length of segment (miles)	0.66	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	32 - 51	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	86.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	14	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.04	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.44)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Railroad	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Center Street	SEGMENT #21	DATE: 1/14/2022
LIMITS: b/t State Street and Brookside Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62-64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	7,812	(1)
14. Length of segment (miles)	0.28	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	25 - 46	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	72.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.12	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Dip	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Center Street	SEGMENT #22	DATE: 1/14/2022
LIMITS: b/t Brookside Avenue and Cypress Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Education	Residential
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	6,106	(1)
14. Length of segment (miles)	0.66	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	33	(1)
3. 50th percentile speed (mph)	33	(1)
4. Range of speeds (mph)	22 - 44	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	6	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.55	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Center Street	SEGMENT #23	DATE: 1/14/2022
LIMITS: b/t Cypress Avenue and Crescent Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	50	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	Residential/Commercial
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	Y
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	6,967	(1)
14. Length of segment (miles)	0.62	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	24 - 46	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	69.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	6	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.45	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Center Street	SEGMENT #24	DATE: 1/14/2022
LIMITS: b/t Crescent Avenue and Ridge Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	28-38	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	964	(1)
14. Length of segment (miles)	0.75	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	24 - 46	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	72.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.41	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Central Avenue	SEGMENT #25	DATE: 1/14/2022
LIMITS: b/t University Street and Judson Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	32-35	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	1,221	(1)
14. Length of segment (miles)	0.60	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	31	(1)
3. 50th percentile speed (mph)	30	(1)
4. Range of speeds (mph)	22 - 44	(1)
5. 10 mile per hour pace speed (mph)	24 - 33	(1)
6. Percent in 10 miles per hour pace	65.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	4	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	5.73	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Church Street	SEGMENT #26	DATE: 1/14/2022
LIMITS: b/t Pioneer Avenue and Redlands Boulevard		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	32-62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P/R (Partial)	(1)
4. On-street parking (Y/N)	Y (Partial)	Y
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Res./Commercial/Edu.	Residential/Commercial
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	8,579	(1)
14. Length of segment (miles)	1.83	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	31 - 45	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	95.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	24	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.46	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Railroad, Bike Lanes/Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Elias Bandek Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Citrus Avenue	SEGMENT #27	DATE: 1/14/2022
LIMITS: b/t Eureka Street and Orange Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	48-64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P/R	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Commercial/Education	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	9,557	(1)
14. Length of segment (miles)	0.15	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	34	(1)
2. Average speed (mph)	31	(1)
3. 50th percentile speed (mph)	31	(1)
4. Range of speeds (mph)	23-37	(1)
5. 10 mile per hour pace speed (mph)	27-36	(1)
6. Percent in 10 miles per hour pace	90.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes/Route	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Citrus Avenue	SEGMENT #28	DATE: 1/14/2022
LIMITS: b/t Redlands Boulevard and University Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	48-64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P/R	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Commercial/Education	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	9,078	(1)
14. Length of segment (miles)	0.50	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	34	(1)
2. Average speed (mph)	30	(1)
3. 50th percentile speed (mph)	30	(1)
4. Range of speeds (mph)	21-40	(1)
5. 10 mile per hour pace speed (mph)	25-34	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	12	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.85	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes/Route	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Citrus Avenue	SEGMENT #29	DATE: 1/14/2022
LIMITS: b/t University Street and Wabash Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62-64	(1)
2. Number of through travel lanes by direction	1-2	2
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	10,491	(1)
14. Length of segment (miles)	1.50	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	31 - 50	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	13	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.80	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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Prepared By: Nhi Ly Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Colton Avenue	SEGMENT #30	DATE: 1/14/2022
LIMITS: b/t Redlands Boulevard and Church Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P, R (Partial)	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	
6. Surrounding land uses	Commercial	Residential
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	10,159	(1)
14. Length of segment (miles)	1.80	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	29 - 48	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	70	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	3.64	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Railroad Crossing / Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Colton Avenue	SEGMENT #31	DATE: 1/14/2022
LIMITS: b/t Church Street and Grove Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	44-48	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R (Partial)	(1)
4. On-street parking (Y/N)	N	Y (Partial)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential/Education	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	7,506	(1)
14. Length of segment (miles)	0.67	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	28 - 45	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	83.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	4	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.82	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Colton Avenue	SEGMENT #32	DATE: 1/14/2022
LIMITS: b/t Grove Street and Lincoln Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	46-62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	Y
12. Street illumination at intersections	Y (Partial)	Y
13. Two-way daily traffic volume (ADT)	7,942	(1)
14. Length of segment (miles)	0.39	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	33 - 50	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	79.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.10	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Colton Avenue	SEGMENT #33	DATE: 1/14/2022
LIMITS: b/t Dearborn Avenue and Wabash Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	6,725	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	48	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	30 - 53	(1)
5. 10 mile per hour pace speed (mph)	39 - 48	(1)
6. Percent in 10 miles per hour pace	67.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.42	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Crescent Avenue	SEGMENT #34	DATE: 1/14/2022
LIMITS: b/t Ramona Drive and Serpentine Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	32-44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	1,618	(1)
14. Length of segment (miles)	1.01	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	27 - 47	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.21	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route / Bump	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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Prepared By: Nhi Ly Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

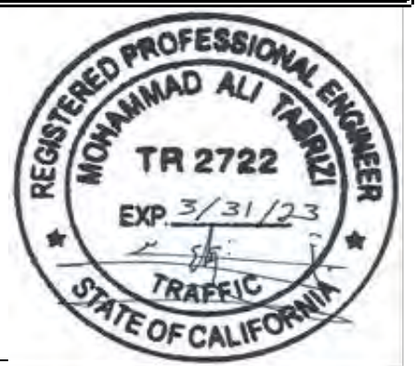
SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Crestview Road	SEGMENT #35	DATE: 1/14/2022
LIMITS: b/t Ford Street to Buckingham Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P (Partial)	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	N	Y (Partial)
12. Street illumination at intersections	N	Y (Partial)
13. Two-way daily traffic volume (ADT)	394	(1)
14. Length of segment (miles)	0.81	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	31	(1)
3. 50th percentile speed (mph)	32	(1)
4. Range of speeds (mph)	16 - 43	(1)
5. 10 mile per hour pace speed (mph)	28 - 37	(1)
6. Percent in 10 miles per hour pace	58.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Cypress Avenue	SEGMENT #36	DATE: 1/14/2022
LIMITS: b/t Terracina Boulevard to Center Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	70	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential / Commercial	Residential / School
7. Does surrounding land use have direct access	N	Y
8. Frequency of driveways (frequent, rare, none)	Rare	Rare
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	N
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	5,521	(1)
14. Length of segment (miles)	1.14	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	30 - 48	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	7	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.09	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Cypress Avenue	SEGMENT #37	DATE: 1/14/2022
LIMITS: b/t Center Street to Redlands Boulevard		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	70	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	Y (Partial)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	7,497	(1)
14. Length of segment (miles)	0.77	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	39	(1)
3. 50th percentile speed (mph)	39	(1)
4. Range of speeds (mph)	31 - 51	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	76.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	11	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.93	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	Y
6. Other	Bike Lanes / Bike Route	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Cypress Avenue	SEGMENT #38	DATE: 1/14/2022
LIMITS: b/t Redlands Boulevard to Citrus Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	57	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	N	Y
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	7,574	(1)
14. Length of segment (miles)	0.57	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	28 - 50	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	69.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	8	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.95	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	N
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Dearborn Street	SEGMENT #39	DATE: 1/14/2022
LIMITS: b/t 5th Avenue to Colton Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	4,498	(1)
14. Length of segment (miles)	0.90	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	29 - 49	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Dearborn Street	SEGMENT #40	DATE: 1/14/2022
LIMITS: b/t Colton Avenue to Lugonia Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	Y (Partial)
13. Two-way daily traffic volume (ADT)	3,088	(1)
14. Length of segment (miles)	0.42	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	36	(1)
2. Average speed (mph)	32	(1)
3. 50th percentile speed (mph)	32	(1)
4. Range of speeds (mph)	24 - 43	(1)
5. 10 mile per hour pace speed (mph)	27 - 36	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Dearborn Street	SEGMENT #41	DATE: 1/14/2022
LIMITS: b/t Lugonia Avenue to San Bernardino Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	N
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	1,656	(1)
14. Length of segment (miles)	0.42	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	48	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	30 - 54	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	64.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	N	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

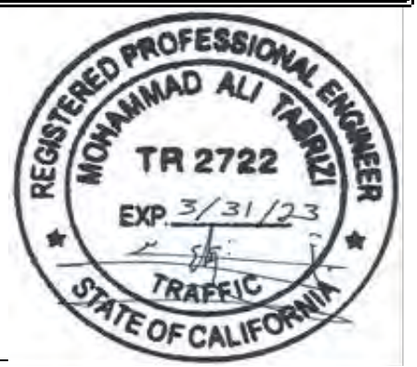
SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Dearborn Street	SEGMENT #42	DATE: 1/14/2022
LIMITS: b/t San Bernardino Avenue to Sessums Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	48	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Agriculture	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	N
11. Street illumination midblock	N	Y
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	1,305	(1)
14. Length of segment (miles)	0.27	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	23 - 48	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	3.61	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Elizabeth Street	SEGMENT #43	DATE: 1/14/2022
LIMITS: b/t Garden Street to Crescent Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	35	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	1,427	(1)
14. Length of segment (miles)	0.87	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	49	(1)
2. Average speed (mph)	43	(1)
3. 50th percentile speed (mph)	43	(1)
4. Range of speeds (mph)	31 - 55	(1)
5. 10 mile per hour pace speed (mph)	39 - 48	(1)
6. Percent in 10 miles per hour pace	67.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.81	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Fern Avenue	SEGMENT #44	DATE: 1/14/2022
LIMITS: b/t Redlands Boulevard to Cajon Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	N	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	4,663	(1)
14. Length of segment (miles)	0.87	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	26 - 48	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	79.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Fern Avenue	SEGMENT #45	DATE: 1/14/2022
LIMITS: b/t Cajon Street to Center Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	60	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	4,021	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	38	(1)
2. Average speed (mph)	34	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	23 - 43	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.68	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Fern Avenue	SEGMENT #46	DATE: 1/14/2022
LIMITS: b/t Center Street to San Mateo Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	60	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	3,844	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	39	(1)
3. 50th percentile speed (mph)	39	(1)
4. Range of speeds (mph)	28 - 50	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	66.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	N
2. School Crosswalk	Y	N
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Dip / Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Fern Avenue	SEGMENT #47	DATE: 1/14/2022
LIMITS: b/t San Mateo Street to Terracina Boulevard		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential / Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	3,622	(1)
14. Length of segment (miles)	0.62	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	34	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	25 - 46	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	4	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.85	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Fifth Avenue	SEGMENT #48	DATE: 1/14/2022
LIMITS: b/t Ford Street to Dearborn Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	Y (Partial)	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential / Open	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	8,435	(1)
14. Length of segment (miles)	0.43	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	50	(1)
2. Average speed (mph)	45	(1)
3. 50th percentile speed (mph)	44	(1)
4. Range of speeds (mph)	35 - 56	(1)
5. 10 mile per hour pace speed (mph)	39 - 48	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.61	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Fifth Avenue	SEGMENT #49	DATE: 1/14/2022
LIMITS: b/t Dearborn Street to Wabash Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	Y (Partial)	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Frequent	Rare
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	6,622	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	49	(1)
2. Average speed (mph)	44	(1)
3. 50th percentile speed (mph)	44	(1)
4. Range of speeds (mph)	34 - 55	(1)
5. 10 mile per hour pace speed (mph)	39 - 48	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.85	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Ford Street	SEGMENT #50	DATE: 1/14/2022
LIMITS: b/t Citrus Avenue to Fifth Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	63	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	Y (Partial)	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	None
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,207	(1)
14. Length of segment (miles)	0.32	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	35 - 53	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.44	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Ford Street	SEGMENT #51	DATE: 1/14/2022
LIMITS: b/t Fifth Avenue to Reservoir Road		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	34	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential/ Open	(1)
7. Does surrounding land use have direct access	Y (Partial)	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	N
10. Sidewalks present	Y (Partial)	N
11. Street illumination midblock	Y (Partial)	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	7,687	(1)
14. Length of segment (miles)	0.45	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	30 - 50	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	5	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.59	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Ford Street	SEGMENT #52	DATE: 1/14/2022
LIMITS: b/t Reservoir Road to Sunset Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Commercial / Open	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	N
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	8,954	(1)
14. Length of segment (miles)	0.36	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	48	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	30 - 54	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	21	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	7.54	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Ford Street	SEGMENT #53	DATE: 1/14/2022
LIMITS: b/t Sunset Drive to Garden Hill Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	2,882	(1)
14. Length of segment (miles)	0.45	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	31 - 50	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other		(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Franklin Avenue	SEGMENT #54	DATE: 1/14/2022
LIMITS: b/t Eucalyptus Drive to Oak Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	0.39	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	677	(1)
14. Length of segment (miles)	0.38	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	36	(1)
2. Average speed (mph)	30	(1)
3. 50th percentile speed (mph)	30	(1)
4. Range of speeds (mph)	20 - 42	(1)
5. 10 mile per hour pace speed (mph)	23 - 32	(1)
6. Percent in 10 miles per hour pace	66.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Dip	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Franklin Avenue	SEGMENT #55	DATE: 1/14/2022
LIMITS: b/t Oak Street to Garden Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	757	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	34	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	24 - 45	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	3.72	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Garden Street	SEGMENT #56	DATE: 1/14/2022
LIMITS: b/t Mariposa Drive to Cajon Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	51	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N / P	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	2,964	(1)
14. Length of segment (miles)	1.24	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	34 - 51	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	81.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.53	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	Y
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Grove Street	SEGMENT #57	DATE: 1/14/2022
LIMITS: b/t Highland Avenue to Citrus Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	Y (Partial)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	1,132	(1)
14. Length of segment (miles)	0.39	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	38	(1)
2. Average speed (mph)	33	(1)
3. 50th percentile speed (mph)	32	(1)
4. Range of speeds (mph)	24 - 43	(1)
5. 10 mile per hour pace speed (mph)	28 - 37	(1)
6. Percent in 10 miles per hour pace	72.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.57	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Grove Street	SEGMENT #58	DATE: 1/14/2022
LIMITS: b/t Citrus Avenue to Brockton Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	2,619	(1)
14. Length of segment (miles)	0.65	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	25 - 49	(1)
5. 10 mile per hour pace speed (mph)	28 - 37	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.82	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Highland Avenue	SEGMENT #59	DATE: 1/14/2022
LIMITS: b/t Ford Street to Cajon Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y (Partial	Y
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential / Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	Y
10. Sidewalks present	Y (Partial)	Y
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,125	(1)
14. Length of segment (miles)	0.95	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	49	(1)
2. Average speed (mph)	43	(1)
3. 50th percentile speed (mph)	43	(1)
4. Range of speeds (mph)	32 - 52	(1)
5. 10 mile per hour pace speed (mph)	40 - 49	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	9	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.83	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y (Partial	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Highland Avenue	SEGMENT #60	DATE: 1/14/2022
LIMITS: b/t Cajon Street to San Mateo Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	6,740	(1)
14. Length of segment (miles)	0.93	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	27 - 47	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	75.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	10	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.59	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Highland Avenue	SEGMENT #61	DATE: 1/14/2022
LIMITS: b/t San Mateo Street to Serpentine Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	42	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	N	Y
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	1,655	(1)
14. Length of segment (miles)	0.19	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	31	(1)
2. Average speed (mph)	28	(1)
3. 50th percentile speed (mph)	27	(1)
4. Range of speeds (mph)	21 - 37	(1)
5. 10 mile per hour pace speed (mph)	23 - 32	(1)
6. Percent in 10 miles per hour pace	88.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Dip	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Judson Street	SEGMENT #62	DATE: 1/14/2022
LIMITS: b/t Citrus Avenue to Colton Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P (Partial)	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Frequent	Rare
9. Curb and gutter present	Y	Y (Partial)
10. Sidewalks present	Y (Partial)	Y
11. Street illumination midblock	Y (Partial)	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	6,745	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	31 - 51	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.42	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lane / Bike Route	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Judson Street	SEGMENT #63	DATE: 1/14/2022
LIMITS: b/t Colton Avenue to Lugonia Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	5,714	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	39	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	31 - 48	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	89.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.48	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes / Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Judson Street	SEGMENT #64	DATE: 1/14/2022
LIMITS: b/t Lugonia Avenue to Pioneer Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Res. / Com. / School	Residential
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	2,968	(1)
14. Length of segment (miles)	0.66	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	27 - 47	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	77.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.05	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Lugonia Avenue	SEGMENT #65	DATE: 1/14/2022
LIMITS: b/t 1500' w/o Research Drive to California Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	80	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P (Partial) / N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	50	(1)
6. Surrounding land uses	Commercial / Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	Y
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	786	(1)
14. Length of segment (miles)	0.78	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	54	(1)
2. Average speed (mph)	48	(1)
3. 50th percentile speed (mph)	47	(1)
4. Range of speeds (mph)	36 - 59	(1)
5. 10 mile per hour pace speed (mph)	43 - 52	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.65	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	50	50
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Lugonia Avenue	SEGMENT #66	DATE: 1/14/2022
LIMITS: b/t California Street to Alabama Street (eastbound)		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	54	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	Y (Partial)	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Commercial / Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	5,655	(1)
14. Length of segment (miles)	0.90	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	43	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	32 - 54	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	72.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	8	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.57	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Lugonia Avenue	SEGMENT #67	DATE: 1/14/2022
LIMITS: b/t Alabama Street to Tennessee Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	70	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Retail	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	Y	Y
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	15,112	(1)
14. Length of segment (miles)	0.46	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	34 - 49	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	86.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	10	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.57	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Lugonia Avenue	SEGMENT #68	DATE: 1/14/2022
LIMITS: b/t Tennessee Street to Texas Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	1
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	Y
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	17,580	(1)
14. Length of segment (miles)	0.36	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	39	(1)
3. 50th percentile speed (mph)	39	(1)
4. Range of speeds (mph)	30 - 48	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	10	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.83	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	N	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Lugonia Avenue	SEGMENT #69	DATE: 1/14/2022
LIMITS: b/t Texas Street to Orange Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	60	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	N
12. Street illumination at intersections	Y (Partial)	N
13. Two-way daily traffic volume (ADT)	16,227	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	32 - 49	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	80.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	5	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.84	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Mariposa Drive	SEGMENT #70	DATE: 1/14/2022
LIMITS: b/t Wabash Avenue to Country Club Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	531	(1)
14. Length of segment (miles)	0.28	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	38	(1)
2. Average speed (mph)	33	(1)
3. 50th percentile speed (mph)	32	(1)
4. Range of speeds (mph)	21 - 46	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	N	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Mariposa Drive	SEGMENT #71	DATE: 1/14/2022
LIMITS: b/t Country Club Drive to Garden Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	32	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	2,933	(1)
14. Length of segment (miles)	0.56	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	28 - 45	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	82.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.64	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	N	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Mariposa Drive	SEGMENT #72	DATE: 1/14/2022
LIMITS: b/t Halsey Street to Dwight Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	28	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	130	(1)
14. Length of segment (miles)	0.24	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	26	(1)
2. Average speed (mph)	20	(1)
3. 50th percentile speed (mph)	20	(1)
4. Range of speeds (mph)	10 - 32	(1)
5. 10 mile per hour pace speed (mph)	15 - 24	(1)
6. Percent in 10 miles per hour pace	61.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Mountain View Avenue	SEGMENT #73	DATE: 1/14/2022
LIMITS: b/t I-10 Freeway to Central Avenue (northbound)		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P / R (Partial)	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	45	
6. Surrounding land uses	Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	Y
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	11,197	(1)
14. Length of segment (miles)	1.21	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	54	(1)
2. Average speed (mph)	49	(1)
3. 50th percentile speed (mph)	49	(1)
4. Range of speeds (mph)	40 - 59	(1)
5. 10 mile per hour pace speed (mph)	45 - 54	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	8	(1)
5. Fatal accident rate per MVMT2		
6. Injury accident rate per MVMT2		
7. Property damage only accident rate per MVMT2		
8. Total accident rate per MVMT2	0.58	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)3	50	50
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: New York Street	SEGMENT #74	DATE: 1/14/2022
LIMITS: b/t Colton Avenue to Lugonia Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	40	
6. Surrounding land uses	Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	Y
11. Street illumination midblock	Y (Partial)	Y
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	4,327	(1)
14. Length of segment (miles)	0.4	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	30 - 52	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per MVMT2		
6. Injury accident rate per MVMT2		
7. Property damage only accident rate per MVMT2		
8. Total accident rate per MVMT2	0.65	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)3	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Nhi Ly Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Olive Avenue	SEGMENT #75	DATE: 1/14/2022
LIMITS: b/t Citrus Avenue to San Mateo Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	56	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	
6. Surrounding land uses	Residential / Education	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	3,787	(1)
14. Length of segment (miles)	1.16	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	35	(1)
2. Average speed (mph)	32	(1)
3. 50th percentile speed (mph)	31	(1)
4. Range of speeds (mph)	25 - 41	(1)
5. 10 mile per hour pace speed (mph)	27 - 36	(1)
6. Percent in 10 miles per hour pace	91.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	5	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.11	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Olive Avenue	SEGMENT #76	DATE: 1/14/2022
LIMITS: b/t San Mateo Street to Terracina Boulevard		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	4,343	(1)
14. Length of segment (miles)	0.7	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	28 - 46	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.67	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Orange Street	SEGMENT #77	DATE: 1/14/2022
LIMITS: b/t Lugonia Avenue to Pioneer Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N / R	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	12,289	(1)
14. Length of segment (miles)	0.66	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	32 - 47	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	88.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	21	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.67	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other		(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Orange Street	SEGMENT #78	DATE: 1/14/2022
LIMITS: b/t Pioneer Avenue to Hubbard Court		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	60	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	17,212	(1)
14. Length of segment (miles)	0.18	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	31 - 49	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	82.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Orange Street	SEGMENT #79	DATE: 1/14/2022
LIMITS: b/t Hubbard Court to City Limits		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	24	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	50	(1)
6. Surrounding land uses	Open	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	17,324	(1)
14. Length of segment (miles)	0.25	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	54	(1)
2. Average speed (mph)	51	(1)
3. 50th percentile speed (mph)	51	(1)
4. Range of speeds (mph)	43 - 60	(1)
5. 10 mile per hour pace speed (mph)	46 - 55	(1)
6. Percent in 10 miles per hour pace	87%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.91	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	50	50
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Orange Tree Lane	SEGMENT #80	DATE: 1/14/2022
LIMITS: b/t California Street to Nevada Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	46	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Commercial	(1)
7. Does surrounding land use have direct access	Yes	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	Y
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	4,079	(1)
14. Length of segment (miles)	0.43	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	25 - 46	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	76.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Orange Tree Lane	SEGMENT #81	DATE: 1/14/2022
LIMITS: b/t Nevada Street to Alabama Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	48	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	3,298	(1)
14. Length of segment (miles)	0.42	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	39	(1)
3. 50th percentile speed (mph)	39	(1)
4. Range of speeds (mph)	28 - 50	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	65.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.80	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pacific Street	SEGMENT #82	DATE: 1/14/2022
LIMITS: b/t Crescent Avenue to Carob Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	25	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Yes	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	Y
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	332	(1)
14. Length of segment (miles)	0.26	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	34	(1)
2. Average speed (mph)	28	(1)
3. 50th percentile speed (mph)	28	(1)
4. Range of speeds (mph)	16 - 36	(1)
5. 10 mile per hour pace speed (mph)	27 - 36	(1)
6. Percent in 10 miles per hour pace	68.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pacific Street	SEGMENT #83	DATE: 1/14/2022
LIMITS: b/t Carob Street to Ridge Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	24	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	20	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Curb Only	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	217	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	30	(1)
2. Average speed (mph)	25	(1)
3. 50th percentile speed (mph)	24	(1)
4. Range of speeds (mph)	17 - 35	(1)
5. 10 mile per hour pace speed (mph)	20 - 29	(1)
6. Percent in 10 miles per hour pace	70.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	25.20	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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Prepared By: Nhi Ly Reviewed By: Robert Kahn

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Palm Avenue	SEGMENT #84	DATE: 1/14/2022
LIMITS: b/t Serpentine Drive to San Mateo Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	1,103	(1)
14. Length of segment (miles)	0.15	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	32	(1)
3. 50th percentile speed (mph)	33	(1)
4. Range of speeds (mph)	22 - 44	(1)
5. 10 mile per hour pace speed (mph)	28 - 37	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	11.19	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Palm Avenue	SEGMENT #85	DATE: 1/14/2022
LIMITS: b/t San Mateo St. to Ford St.		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	50	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	Y
13. Two-way daily traffic volume (ADT)	4,445	(1)
14. Length of segment (miles)	2.12	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	29 - 48	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	75.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	21	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.11	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Palmetto Avenue	SEGMENT #86	DATE: 1/14/2022
LIMITS: b/t Nevada Street to California Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	2,475	(1)
14. Length of segment (miles)	0.4	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	39	(1)
3. 50th percentile speed (mph)	39	(1)
4. Range of speeds (mph)	26 - 50	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	61.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Palmetto Avenue	SEGMENT #87	DATE: 1/14/2022
LIMITS: b/t California Street to Marigold Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	Not Posted	(1)
6. Surrounding land uses	Industrial	(1)
7. Does surrounding land use have direct access	Rare	(1)
8. Frequency of driveways (frequent, rare, none)		
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	N
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	1,484	(1)
14. Length of segment (miles)	0.30	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	38	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	25 - 52	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	53.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents		(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Palo Alto Drive	SEGMENT #88	DATE: 1/14/2022
LIMITS: b/t Country Club Drive to Mirasol Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	N	Y
11. Street illumination midblock	N	Y
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	1,164	(1)
14. Length of segment (miles)	0.18	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	34	(1)
3. 50th percentile speed (mph)	34	(1)
4. Range of speeds (mph)	20 - 46	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	59.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents		(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	0.18
2. School Crosswalk	N	0.18
3. Vertical Curves	Y	0.18
4. Horizontal Curves	Y	0.18
5. School Speed Zone	N	0.18
6. Other		0.18
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Palo Alto Drive	SEGMENT #89	DATE: 1/14/2022
LIMITS: b/t Mirasol Drive to Sunset Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	25	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	Y (Partial)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	807	(1)
14. Length of segment (miles)	0.58	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	36	(1)
2. Average speed (mph)	31	(1)
3. 50th percentile speed (mph)	32	(1)
4. Range of speeds (mph)	21 - 39	(1)
5. 10 mile per hour pace speed (mph)	26 - 35	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents		(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pennsylvania Avenue	SEGMENT #90	DATE: 1/14/2022
LIMITS: b/t Texas Street to Orange Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	30	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	2,987	(1)
14. Length of segment (miles)	0.28	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	24 - 48	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	4.50	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pennsylvania Avenue	SEGMENT #91	DATE: 1/14/2022
LIMITS: b/t Orange Street to Church Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	
2. Number of through travel lanes by direction	1	
3. Median Type (P = Painted, R = Raised, N = No Median)	N	
4. On-street parking (Y/N)	Y (Partial)	
5. Speed limit (mph)	30	
6. Surrounding land uses	Residential	
7. Does surrounding land use have direct access	Y	
8. Frequency of driveways (frequent, rare, none)	Frequent	
9. Curb and gutter present	Y (Partial)	
10. Sidewalks present	Y	
11. Street illumination midblock	Y	
12. Street illumination at intersections	N	
13. Two-way daily traffic volume (ADT)	2,702	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	34	(1)
3. 50th percentile speed (mph)	33	(1)
4. Range of speeds (mph)	25 - 44	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	4	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	4.17	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	
2. School Crosswalk	Y	
3. Vertical Curves	N	
4. Horizontal Curves	N	
5. School Speed Zone	Y	
6. Other	Bike Route	
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pennsylvania Avenue	SEGMENT #92	DATE: 1/14/2022
LIMITS: b/t Church Street to Universtity Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	1,732	(1)
14. Length of segment (miles)	0.28	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	33	(1)
3. 50th percentile speed (mph)	33	(1)
4. Range of speeds (mph)	25 - 43	(1)
5. 10 mile per hour pace speed (mph)	27 - 36	(1)
6. Percent in 10 miles per hour pace	69.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pennsylvania Avenue	SEGMENT #93	DATE: 1/14/2022
LIMITS: b/t University Street to Judson Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	Y
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	Frequent
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	Y (Partial)
12. Street illumination at intersections	Y	Y (Partial)
13. Two-way daily traffic volume (ADT)	1,524	(1)
14. Length of segment (miles)	0.53	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	25 - 50	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	67.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.32	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pioneeer Avenue	SEGMENT #94	DATE: 1/14/2022
LIMITS: b/t Texas Street to Orange Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Frequent	None
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,599	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	28 - 46	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	72.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.98	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pioneer Avenue	SEGMENT #95	DATE: 1/14/2022
LIMITS: b/t Orange Street to Occidental Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	Y (Partial)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,344	(1)
14. Length of segment (miles)	0.65	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	25 - 50	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	65.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	4	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.19	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pioneer Avenue	SEGMENT #96	DATE: 1/14/2022
LIMITS: b/t Occidental Drive to Dearborn Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	32/44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N/P (Partial)	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	None	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	N
9. Curb and gutter present	Y (Partial)	Y (Partial)
10. Sidewalks present	Y (Partial)	Y (Partial)
11. Street illumination midblock	Y (Partial)	Y (Partial)
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	3,105	(1)
14. Length of segment (miles)	1.02	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	48	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	30 - 55	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	58.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.62	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Pioneer Avenue	SEGMENT #97	DATE: 1/14/2022
LIMITS: b/t Texas Street to I-210 Freeway		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	42	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	Not Posted	(1)
6. Surrounding land uses	Educational	(1)
7. Does surrounding land use have direct access	N	Y
8. Frequency of driveways (frequent, rare, none)	None	Rare
9. Curb and gutter present	Y (Partial)	Y (Partial)
10. Sidewalks present	Y (Partial)	Y (Partial)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	4,109	(1)
14. Length of segment (miles)	0.45	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	29 - 53	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	63.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.78	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Redlands Boulevard	SEGMENT #98	DATE: 1/14/2022
LIMITS: b/t California Street to Texas Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	76	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P / R	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Commerical	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	9,160	(1)
14. Length of segment (miles)	1.97	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	46	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	31 - 53	(1)
5. 10 mile per hour pace speed (mph)	38 - 47	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	59	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	3.11	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Redlands Boulevard	SEGMENT #99	DATE: 1/14/2022
LIMITS: b/t Texas Street to Eureka Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)		
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R/P	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	12,597	(1)
14. Length of segment (miles)	0.23	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	28 - 45	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	74%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.94	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	
2. School Crosswalk	N	
3. Vertical Curves	N	
4. Horizontal Curves	Y	
5. School Speed Zone	N	
6. Other	Bike Route	
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Redlands Boulevard	SEGMENT #100	DATE: 1/14/2022
LIMITS: b/t Eureka Street to Citrus Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	92	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	Y
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Commercial/Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	15,875	(1)
14. Length of segment (miles)	0.63	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	32	(1)
2. Average speed (mph)	29	(1)
3. 50th percentile speed (mph)	29	(1)
4. Range of speeds (mph)	23 - 40	(1)
5. 10 mile per hour pace speed (mph)	24 - 33	(1)
6. Percent in 10 miles per hour pace	86.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	18	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.87	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Redlands Boulevard	SEGMENT #101	DATE: 1/14/2022
LIMITS: Citrus Avenue to Highland Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	88	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Commercial	(1)
7. Does surrounding land use have direct access	N	Y
8. Frequency of driveways (frequent, rare, none)	None	Rare
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	15,253	(1)
14. Length of segment (miles)	0.95	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	37	(1)
4. Range of speeds (mph)	26 - 48	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	18	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.23	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Redlands Boulevard	SEGMENT #102	DATE: 1/14/2022
LIMITS: Highland Avenue to Ford Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	R	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	50	(1)
6. Surrounding land uses	None	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	N	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	13,024	(1)
14. Length of segment (miles)	0.52	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	55	(1)
2. Average speed (mph)	50	(1)
3. 50th percentile speed (mph)	50	(1)
4. Range of speeds (mph)	37 - 62	(1)
5. 10 mile per hour pace speed (mph)	45 - 54	(1)
6. Percent in 10 miles per hour pace	69.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.16	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	50	50
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Reservoir Road	SEGMENT #103	DATE: 1/14/2022
LIMITS: Ford Street to Wabash Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	None
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Rare	N
9. Curb and gutter present	Y (Partial)	Y
10. Sidewalks present	N	Y
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	2,660	(1)
14. Length of segment (miles)	0.34	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	53	(1)
2. Average speed (mph)	47	(1)
3. 50th percentile speed (mph)	47	(1)
4. Range of speeds (mph)	36 - 59	(1)
5. 10 mile per hour pace speed (mph)	43 - 52	(1)
6. Percent in 10 miles per hour pace	65.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.60	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	50	50
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Rossmont Drive	SEGMENT #104	DATE: 1/14/2022
LIMITS: Garden Street to Sunset Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	23	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	25	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	Rare
9. Curb and gutter present	Y	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	921	(1)
14. Length of segment (miles)	0.36	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	22 - 49	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	62.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Nhi Ly Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Bernardino Avenue	SEGMENT #105	DATE: 1/14/2022
LIMITS: Tennessee Street to Orange Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	78	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	45	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	12,899	(1)
14. Length of segment (miles)	0.88	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	48	(1)
2. Average speed (mph)	43	(1)
3. 50th percentile speed (mph)	43	(1)
4. Range of speeds (mph)	34 - 56	(1)
5. 10 mile per hour pace speed (mph)	38 - 47	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	10	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.88	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lane	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Bernadino Avenue	SEGMENT #106	DATE: 1/14/2022
LIMITS: Orange Street to University Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	N
8. Frequency of driveways (frequent, rare, none)	Rare	None
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	10,147	(1)
14. Length of segment (miles)	0.78	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	29 - 51	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	73.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	8	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.02	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lane	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Bernardino Ave	SEGMENT #107	DATE: 1/14/2022
LIMITS: University Street to Wabash Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	37-64	(1)
2. Number of through travel lanes by direction	1	1-2
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	45	
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	N	(1)
8. Frequency of driveways (frequent, rare, none)	None	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	7,117	(1)
14. Length of segment (miles)	1.53	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	46	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	31 - 54	(1)
5. 10 mile per hour pace speed (mph)	37 - 46	(1)
6. Percent in 10 miles per hour pace	74.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	6	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.53	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lane / Bike Route	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Bernardino Avenue	SEGMENT #108	DATE: 1/14/2022
LIMITS: Mountain View Avenue to California Street		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	105	(1)
2. Number of through travel lanes by direction	3	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P	(1)
4. On-street parking (Y/N)	N	Y
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Industrial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	13,197	(1)
14. Length of segment (miles)	0.9	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	53	(1)
2. Average speed (mph)	47	(1)
3. 50th percentile speed (mph)	47	(1)
4. Range of speeds (mph)	33 - 58	(1)
5. 10 mile per hour pace speed (mph)	45 - 54	(1)
6. Percent in 10 miles per hour pace	61.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.25	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.44)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	50	50
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Mateo Street	SEGMENT #109	DATE: 1/14/2022
LIMITS: Brookside Avenue to Fern Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	9,701	(1)
14. Length of segment (miles)	0.4	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	27 - 47	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	82.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.87	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Route	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Mateo Street	SEGMENT #110	DATE: 1/14/2022
LIMITS: Fern Avenue to Highland Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential / Educational	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y (Partial)	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	7,405	(1)
14. Length of segment (miles)	0.66	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	26 - 47	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	85.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	5	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.06	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: San Timoteo Canyon Road	SEGMENT #111	DATE: 1/14/2022
LIMITS: Fern Avenue to Barton Road		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	22	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	30 / 45	35
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	N	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	Y
13. Two-way daily traffic volume (ADT)	8,612	(1)
14. Length of segment (miles)	1.22	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	42	(1)
3. 50th percentile speed (mph)	42	(1)
4. Range of speeds (mph)	30 - 53	(1)
5. 10 mile per hour pace speed (mph)	38 - 47	(1)
6. Percent in 10 miles per hour pace	70.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	15	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.39	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Sunset Drive	SEGMENT #112	DATE: 1/14/2022
LIMITS: Vinton Way to Alta Vista Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	28-64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	867	(1)
14. Length of segment (miles)	0.93	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	44	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	20 - 51	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	55.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	3.70	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Sunset Drive	SEGMENT #113	DATE: 1/14/2022
LIMITS: Alta Vista Drive to Panorama Point		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	28	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	25 / 30	(1)
6. Surrounding land uses	Residential / Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	517	(1)
14. Length of segment (miles)	0.47	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	37	(1)
2. Average speed (mph)	31	(1)
3. 50th percentile speed (mph)	31	(1)
4. Range of speeds (mph)	18 - 43	(1)
5. 10 mile per hour pace speed (mph)	26 - 35	(1)
6. Percent in 10 miles per hour pace	66.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	4.48	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Sunset Drive	SEGMENT #114	DATE: 1/14/2022
LIMITS: Serpentine Road to Vinton Way		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	24-44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	Y (Partial)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	725	(1)
14. Length of segment (miles)	3.09	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	31	(1)
2. Average speed (mph)	27	(1)
3. 50th percentile speed (mph)	27	(1)
4. Range of speeds (mph)	20 - 37	(1)
5. 10 mile per hour pace speed (mph)	24 - 33	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.84	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Sunset Drive	SEGMENT #115	DATE: 1/14/2022
LIMITS: Panorama Point to Franklin Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	Y (Partial)
10. Sidewalks present	Y (Partial)	Y
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	1,102	(1)
14. Length of segment (miles)	1.94	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	39	(1)
2. Average speed (mph)	33	(1)
3. 50th percentile speed (mph)	33	(1)
4. Range of speeds (mph)	21 - 46	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	65.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	13	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	5.78	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Sunnyside Avenue	SEGMENT #116	DATE: 1/14/2022
LIMITS: Fern Avenue to Cypress Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	22	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	20	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Curb Only	N
10. Sidewalks present	N	(1)
11. Street illumination midblock	N	(1)
12. Street illumination at intersections	N	(1)
13. Two-way daily traffic volume (ADT)	485	(1)
14. Length of segment (miles)	0.16	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	29	(1)
2. Average speed (mph)	25	(1)
3. 50th percentile speed (mph)	24	(1)
4. Range of speeds (mph)	18 - 35	(1)
5. 10 mile per hour pace speed (mph)	20 - 29	(1)
6. Percent in 10 miles per hour pace	81.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Sunnyside Avenue	SEGMENT #117	DATE: 1/14/2022
LIMITS: Cypress Avenue to Smiley Heights Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	36	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	402	(1)
14. Length of segment (miles)	0.28	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	30	(1)
2. Average speed (mph)	26	(1)
3. 50th percentile speed (mph)	26	(1)
4. Range of speeds (mph)	19 - 35	(1)
5. 10 mile per hour pace speed (mph)	22 - 31	(1)
6. Percent in 10 miles per hour pace	84.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		(1)
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Tennessee Street and San Mateo Street	SEGMENT #118	DATE: 1/14/2022
LIMITS: Colton Avenue to Brookside Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	11,194	(1)
14. Length of segment (miles)	0.93	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	40	(1)
4. Range of speeds (mph)	33 - 49	(1)
5. 10 mile per hour pace speed (mph)	35 - 44	(1)
6. Percent in 10 miles per hour pace	88.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	17	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.62	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other	Railroad / Bike Route	(1)
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Terrancina Boulevard	SEGMENT #119	DATE: 1/14/2022
LIMITS: Barton Road to Olive Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	56	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	N
11. Street illumination midblock	Y	Y (Partial)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	9,075	(1)
14. Length of segment (miles)	0.68	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	50	(1)
2. Average speed (mph)	45	(1)
3. 50th percentile speed (mph)	45	(1)
4. Range of speeds (mph)	36 - 56	(1)
5. 10 mile per hour pace speed (mph)	41 -50	(1)
6. Percent in 10 miles per hour pace	72%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.50	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Terrancina Boulevard	SEGMENT #120	DATE: 1/14/2022
LIMITS: Olive Avenue to Cypress Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	72	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Commercial / Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	N
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	8,379	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	25 - 45	(1)
5. 10 mile per hour pace speed (mph)	30 - 39	(1)
6. Percent in 10 miles per hour pace	69.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	7	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.35	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Bike Lanes	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Texas Street	SEGMENT #121	DATE: 1/14/2022
LIMITS: Redlands Boulevard to Lugonia Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N / R	(1)
4. On-street parking (Y/N)	Y (Patrial)	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Comm. / Retail / Res.	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	8,781	(1)
14. Length of segment (miles)	0.76	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	42	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	27 - 46	(1)
5. 10 mile per hour pace speed (mph)	33 - 42	(1)
6. Percent in 10 miles per hour pace	75.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	27	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	4.11	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	N
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other	Railroad	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Texas Street	SEGMENT #122	DATE: 1/14/2022
LIMITS: Lugonia Avenue to San Bernardino Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	26-64	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	40	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	Y
10. Sidewalks present	Y	Y (Partial)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	4,724	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	25 - 46	(1)
5. 10 mile per hour pace speed (mph)	29 - 38	(1)
6. Percent in 10 miles per hour pace	75.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.79	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Texas Street	SEGMENT #123	DATE: 1/14/2022
LIMITS: b/t San Bernardino Avenue and Domestic Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38-62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	P (Partial)	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential	Education
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (partial)	(1)
10. Sidewalks present	Y (partial)	(1)
11. Street illumination midblock	Y	Y (Partial)
12. Street illumination at intersections	Y	Y
13. Two-way daily traffic volume (ADT)	4,134	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	41	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	23 - 45	(1)
5. 10 mile per hour pace speed (mph)	32 - 41	(1)
6. Percent in 10 miles per hour pace	66.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	3	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Elias Bandek Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: University Street	SEGMENT #124	DATE: 1/14/2022
LIMITS: b/t Cypress Avenue and Colton Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	62	(1)
2. Number of through travel lanes by direction	1/2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	30	(1)
6. Surrounding land uses	Residential/Education	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	N	Y
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	17,046	(1)
14. Length of segment (miles)	0.64	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	27 - 46	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	78.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	29	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.75	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other	Railroad, SB Parallel Parking	(1)
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: University Street	SEGMENT #125	DATE: 1/14/2022
LIMITS: b/t Colton Avenue and Lugiona Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38-62	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential/Education	Residential
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	11,122	(1)
14. Length of segment (miles)	0.40	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	40	(1)
2. Average speed (mph)	36	(1)
3. 50th percentile speed (mph)	36	(1)
4. Range of speeds (mph)	28 - 45	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	82.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	9	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.25	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: University Street	SEGMENT #126	DATE: 1/14/2022
LIMITS: b/t Lugiona Avenue and San Bernardino Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38-40	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	N
12. Street illumination at intersections	Y	N
13. Two-way daily traffic volume (ADT)	1,519	(1)
14. Length of segment (miles)	0.46	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	34	(1)
2. Average speed (mph)	29	(1)
3. 50th percentile speed (mph)	29	(1)
4. Range of speeds (mph)	20 - 42	(1)
5. 10 mile per hour pace speed (mph)	20 - 32	(1)
6. Percent in 10 miles per hour pace	68.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	1.58	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	25	25
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Via Vista Drive	SEGMENT #127	DATE: 1/14/2022
LIMITS: b/t Country Club Drive and Helena Lane		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	EB	WB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	38	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y	(1)
5. Speed limit (mph)	25	(1)
6. Surrounding land uses	Residential	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Frequent	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	N	Y (Partial)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	274	(1)
14. Length of segment (miles)	0.64	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	34	(1)
2. Average speed (mph)	27	(1)
3. 50th percentile speed (mph)	28	(1)
4. Range of speeds (mph)	13 - 40	(1)
5. 10 mile per hour pace speed (mph)	23 - 32	(1)
6. Percent in 10 miles per hour pace	59.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	30	30
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Wabash Avenue	SEGMENT #128	DATE: 1/14/2022
LIMITS: b/t Fifth Avenue to Citrus Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	46-64	(1)
2. Number of through travel lanes by direction	1-2	1
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	Y
5. Speed limit (mph)	45	(1)
6. Surrounding land uses	Residential / Open Space	Residential
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	4,167	(1)
14. Length of segment (miles)	0.39	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	51	(1)
2. Average speed (mph)	45	(1)
3. 50th percentile speed (mph)	44	(1)
4. Range of speeds (mph)	33 - 55	(1)
5. 10 mile per hour pace speed (mph)	42 - 51	(1)
6. Percent in 10 miles per hour pace	61.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	0	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.00	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.32)	N	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	45	45
MVMT = million vehicle miles of travel		

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(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Wabash Avenue	SEGMENT #129	DATE: 1/14/2022
LIMITS: b/t Citrus Avenue to Colton Avenue		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	64	(1)
2. Number of through travel lanes by direction	2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	Y (Partial)	(1)
5. Speed limit (mph)	35	(1)
6. Surrounding land uses	Residential / Commercial	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	Frequent
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	5,805	(1)
14. Length of segment (miles)	0.41	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	47	(1)
2. Average speed (mph)	41	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	30 - 53	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	65.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.47	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Wabash Avenue	SEGMENT #130	DATE: 1/14/2022
LIMITS: b/t Colton Avenue to Sessums Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	26-64	(1)
2. Number of through travel lanes by direction	1-2	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	Painted (Partial)	(1)
4. On-street parking (Y/N)	Painted (Partial)	(1)
5. Speed limit (mph)	35 - 40	(1)
6. Surrounding land uses	Retail/ Res. / Ind.	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y	(1)
12. Street illumination at intersections	Y	(1)
13. Two-way daily traffic volume (ADT)	8,942	(1)
14. Length of segment (miles)	1.30	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	45	(1)
2. Average speed (mph)	40	(1)
3. 50th percentile speed (mph)	41	(1)
4. Range of speeds (mph)	31 - 52	(1)
5. 10 mile per hour pace speed (mph)	36 - 45	(1)
6. Percent in 10 miles per hour pace	71.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	2	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	0.17	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	N	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	N	(1)
4. Horizontal Curves	N	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Wabash Avenue	SEGMENT #131	DATE: 1/14/2022
LIMITS: b/t Fifth Avenue to Panorama Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	24-50	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	(1)
5. Speed limit (mph)	Not Posted	(1)
6. Surrounding land uses	Residential / Open	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	Frequent
9. Curb and gutter present	Y (Partial)	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	N	Y (Partial)
12. Street illumination at intersections	N	Y (Partial)
13. Two-way daily traffic volume (ADT)	672	(1)
14. Length of segment (miles)	0.70	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	43	(1)
2. Average speed (mph)	37	(1)
3. 50th percentile speed (mph)	38	(1)
4. Range of speeds (mph)	24 - 47	(1)
5. 10 mile per hour pace speed (mph)	34 - 43	(1)
6. Percent in 10 miles per hour pace	61.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	1	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	2.18	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	N	(1)
2. School Crosswalk	N	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	N	(1)
6. Other		
E. Recommended speed limit (mph)[3]	40	40
MVMT = million vehicle miles of travel		

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(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



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CITY OF REDLANDS TRAFFIC SURVEY

SPEED STUDY TRAFFIC CONDITIONS FORM

ROADWAY: Wabash Avenue	SEGMENT #132	DATE: 1/14/2022
LIMITS: b/t Reservoir Road to Palo Alto Drive		JOB #: 2531-2021-01
DIRECTION OF TRAVEL:	NB	SB
A. Roadway Characteristics		
1. Total Curb to Curb Street width (feet)	40-44	(1)
2. Number of through travel lanes by direction	1	(1)
3. Median Type (P = Painted, R = Raised, N = No Median)	N	(1)
4. On-street parking (Y/N)	N	Y
5. Speed limit (mph)	Not Posted	(1)
6. Surrounding land uses	Residential / Open	(1)
7. Does surrounding land use have direct access	Y	(1)
8. Frequency of driveways (frequent, rare, none)	Rare	(1)
9. Curb and gutter present	Y	(1)
10. Sidewalks present	Y (Partial)	(1)
11. Street illumination midblock	Y (Partial)	(1)
12. Street illumination at intersections	Y (Partial)	(1)
13. Two-way daily traffic volume (ADT)	1,362	(1)
14. Length of segment (miles)	0.88	(1)
B. Speed Characteristics		
1. 85th percentile speed (mph)	38	(1)
2. Average speed (mph)	35	(1)
3. 50th percentile speed (mph)	35	(1)
4. Range of speeds (mph)	28 - 43	(1)
5. 10 mile per hour pace speed (mph)	31 - 40	(1)
6. Percent in 10 miles per hour pace	85.0%	(1)
C. Accident Analysis for preceding 3 years		
1. Number of fatal accidents		
2. Number of injury accidents		
3. Number of property damage only accidents		
4. Total number of accidents	4	(1)
5. Fatal accident rate per $MVMT^2$		
6. Injury accident rate per $MVMT^2$		
7. Property damage only accident rate per $MVMT^2$		
8. Total accident rate per $MVMT^2$	3.34	(1)
9. Is accident rate higher than Caltrans value? (Value = 1.60)	Y	(1)
D. Other Special Conditions		
1. Crosswalk	Y	(1)
2. School Crosswalk	Y	(1)
3. Vertical Curves	Y	(1)
4. Horizontal Curves	Y	(1)
5. School Speed Zone	Y	(1)
6. Other		
E. Recommended speed limit (mph)[3]	35	35
MVMT = million vehicle miles of travel		

(1) Data in left column is for both directions.

(2) $MVMT^2$ = million vehicle miles of travel

(3) The recommended speed limit is based upon the roadway segment being located in a residential district and provisions 22357 (a) of the California Vehicle Code that permits a local agency to increase the prima facie above 25 mph to facilitate the orderly movement of traffic and is reasonable and safe.



Prepared By: Michael Torres Reviewed By: Alex Tabrizi

"A City That Works"

City Council/Successor Agency Meeting **K. 7.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of a construction contract award for the Orange Blossom Trail Phase 3 Project with Deark E&C, Inc. in an amount not-to-exceed $782,396, and determination that the project is categorically exempt from environmental review under Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines the staff recommendation is appropriate, the following motions are provided:

1. I move that the City Council determine that approval of a construction contract with Deark E&C, Inc. for the Orange Blossom Trail Phase 3 Project is categorically exempt from environmental review in accordance with Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act; and

2. I move that the City Council approve the Orange Blossom Trail Phase 3 Project plans and specifications, and award a construction contract to Deark E&C, Inc. in an amount not-to-exceed $782,396.

RECOMMENDATION:

Staff recommends City Council determine approval of a construction contract with Deark E&C, Inc. and construction of the Orange Blossom Trail Phase 3 Project is categorically exempt from environmental review in accordance with Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act; and

Staff further recommends City Council approve the Orange Blossom Trail Phase 3 Project plans and specifications, and award a construction contract to Deark E&C, Inc. in an amount not-to-exceed $782,396.

DISCUSSION:

On July 1, 2008, City Council received and filed the final Orange Blossom Trail conceptual alignment plan prepared by the Dangermond Group. This plan contained a final proposed trail alignment and implementation plan for the 7.5 mile bicycle and pedestrian trail located primarily within existing flood control and railroad right-of-way. The trail provides non-motorized connectivity and a recreational corridor linking local residents with a variety of facilities including schools, businesses, parks and public transportation, in addition to the regional Santa Ana River Trail at both Mountain View Avenue and Opal Avenue. The trail is anticipated to meet the needs of a variety of users such as long-distance bicyclists, students, and wheelchair-bound users.

The Orange Blossom Trail Phase 3 (Project) is a portion of the 7.5 mile Orange Blossom Trail within the City of Redlands that will connect the City's east and west terminus to parks and open space areas, including areas surrounding the Santa Ana River, Crafton Hills and San Timoteo Canyon. The first phase of the trail, completed in 2015, is a 1.3 mile segment from Wabash Avenue to Grove Street and the second phase, completed in 2016, is a 1.3 mile segment from Alabama Street to California Street.

The Project consists of constructing approximately one half mile of multi-use path along the Mission Channel from Alabama Street to Tennessee Street. The majority of construction will be within San Bernardino County Flood Control District's right-of-way, for which the City has obtained an encroachment permit. The trail will be constructed with asphalt concrete. The scope of work also includes removal or replacement of curb and gutter, driveway approaches and sidewalk as necessary, protecting in place all existing utilities, trees, and public and private improvements, installing signs, pavement striping and markings, and installation and construction of drainage structures.

In 2013, the City obtained a Transportation Development Act (TDA), Article 3 grant in the amount of $918,722 with a local match of $162,128. The initial design of the project was completed in 2016 by a consultant, Michael Baker International. Due to environmental constraints associated with permit requirements, the design has been significantly revised by City engineering staff. The remaining total balance of the TDA grant plus local match requirement, after consultant fees, permit fees, and incidentals, is $946,611.

In early-April 2022, staff finalized the plans and specifications and advertised the project for construction. On April 28, 2022, the City Clerk's office received and opened six (6) bids. The bids were reviewed by staff to determine if they were responsive to bid requirements. The following six (6) Project bids were received before the submittal deadline:

BID OPENING REPORT SUMMARY	
BIDDER	**BID AMOUNT**
1. Deark E&C, Inc., Gardena, CA	*$782,396.00
2. Tryco General Engineering, Rimforest, CA	$889,636.00
3. Horizon's Construction, Orange, CA	$1,077,600.00
4. California Landscape and Design, Inc., Upland, CA	$1,175,763.20
5. C.S. Legacy Construction, Walnut, CA	$1,449,426.88
6. Gentry General Engineering, Inc., Rancho Cucamonga, CA	*$1,492,298.68

*An arithmetic error was discovered in the bid proposal. The total bid amount was corrected and highlighted in the attached bid analysis to identify arithmetic errors, but did not affect the ranking.

Based on the attached bid analysis, Deark E&C, Inc. is the lowest responsive and responsible bidder. Therefore, it is recommended that City Council award a construction contract to Deark E&C, Inc. in an amount not-to-exceed $782,396. If approved, it is anticipated the project will be completed within seventy (70) calendar days from issuance of a Notice to Proceed.

This project is categorically exempt from environmental review in accordance with Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act (CEQA) as the project involves negligible or no expansion of capacity.

ALTERNATIVES:

City Council may reject all bids and direct staff to re-advertise the project. However, this is not recommended because this would not improve the pedestrian and bike trail by utilizing the available grant funding before the grant deadline.

STRATEGIC PLAN:

The project supports Strategic Plan Priority D, Strategic Objective 3. Infrastructure: Engineer and construct transportation facilities to accommodate all potential users - motorists, cyclists and pedestrians.

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Goutam K. Dobey, Engineering Manager

PREPARED BY:
Gerard Nepomuceno, Civil Engineer

Fiscal Impact

Fiscal Year:	FY 21/22
Appropriation Required Y/N:	No
Budgeted Y/N:	Yes
Account No.:	241400

Discussion:

There is no fiscal impact associated with this action. The Orange Blossom Trail Phase 3 Project is funded 85% through a Transportation Development Act Article 3 grant in the amount of $804,618.95, and 15% by the local match in the amount of $141,992.15, which is available in the MUED Budget (241).

Attachments

A. Deark E&C Inc. Contract
B. Bid Opening Report - OBT 3
C. Bid Analysis
D. Location Map

PUBLIC WORK CONSTRUCTION CONTRACT

This Public Work Construction contract ("Contract") is made and entered into this 7th day of June, 2022, by and between the City of Redlands, a municipal corporation, organized and existing under the laws of the State of California (hereinafter "City"), and Deark E&C, Inc. (hereinafter "Contractor"). City and Contractor are sometimes individually referred to herein as a "Party" and, together, as the "Parties."

In consideration of the mutual promises contained herein, City and Contractor agree as follows:

1. **SCOPE OF WORK:** Contractor shall furnish all materials and will perform all of the work for the following: Orange Blossom Trail Phase 3, Project No. S241001 and, complete all items as required by the Contract Documents (as herein defined) and Specifications for City's Orange Blossom Trail Phase 3, Project No. S241001 (the "Work").

2. **CONTRACT SUM:** City shall pay Contractor the sum of seven hundred eighty two thousand three hundred ninety six dollars ($782,396) as consideration for its performance of the Work in accordance with the terms and conditions set forth in the Contract Documents. Pursuant to Public Contract Code Section 22300, Contractor has the option to deposit securities with an escrow agent as a substitute for retention of earnings required to be withheld by City pursuant to an escrow agreement as set forth in Public Contract Code section 22300.

3. **TIME FOR COMPLETION:** The Work shall be completed within seventy (70) calendar days from and after the date of City's issuance of a Notice to Proceed to Contractor.

4. **LIQUIDATED DAMAGES:** Contractor's failure to complete the Work within the time allowed will result in damages being sustained by City. Such damages are, and will continue to be, impracticable and extremely difficult to determine. Accordingly, Contractor shall pay to City, or have withheld from monies due to Contractor, the sum of five hundred dollars ($500) for each consecutive calendar day in excess of the specified time for completion of the Work. Execution of this Contract shall constitute agreement by City and Contractor that five hundred dollars ($500) per day is the estimated damage to City caused by the failure of Contractor to complete the work within the allowed time. Such sum is liquidated damages and shall not be construed as a penalty, and may be deducted from payments due Contractor if such delay occurs.

5. **CONTRACT DOCUMENTS:** This Contract incorporates by reference the following: Notice Inviting Bids, Instructions to Bidders, Contractor's Proposal, Bid Bond, Agreement, Performance Bond, Labor and Material Bond, Plans, General Conditions, Special Provisions and Specifications, and any addenda thereto (collectively, the "Contract Documents").

6. **ATTORNEYS' FEES:** In the event any action is commenced to enforce or interpret the terms or conditions of this Contract, or the Contract Documents, the prevailing Party in such action, in addition to any costs and other relief, shall be entitled to recover its reasonable attorneys' fees, including fees for use of in-house counsel by a Party.

7. **RESOLUTION OF CONSTRUCTION CLAIMS:** Claims by Contractor in the amount of three hundred seventy five thousand dollars ($375,000) or less shall be made by Contractor and processed by the City pursuant to the provisions of Part 3, Chapter 1, Article 1.5 of the Public Contract Code (commencing with Section 20104). All claims shall be in writing and include the documents necessary to substantiate the claim. Nothing in subdivision (a) of Public Contract Code

Section 20104.2 shall extend the time limit or supersede the notice requirements provided in this case from filing claims by Contractor.

8. **ELIGIBILITY OF CONTRACTOR/SUBCONTRACTOR:** Contractor and all of its subcontractors shall abide by California Public Contract Code, Section 6109, and California Labor Code Sections 1777.1 and/or 1777.7, and certify that they are not debarred and are eligible to work on this project.

9. **ASSIGNMENT OF AGREEMENT:** No assignment by a Party of any rights or interests under this Contract shall be binding on another Party without the written consent of the Party sought to be bound.

10. **SUCCESSORS AND ASSIGNS:** City and Contractor each binds itself and their respective successors and assigns in respect to all covenants, agreements, and obligations contained in the Contract Documents.

11. **SEVERABILITY:** Any provision or part of the Contract Documents held to be void or unenforceable under any law or regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon City and Contractor.

IN WITNESS WHEREOF, the Parties hereto have executed this Contract the day and year first written above.

CITY OF REDLANDS

(SEAL)

By:_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

(SEAL)

_____
Name of Contractor

By:_____
Signature of Authorized Agent

_____
Title

_____
Signature of Authorized Agent (if necessary)

_____
Title

_____
Contractor's License No.

WORKER'S COMPENSATION INSURANCE CERTIFICATION

Description of Contract: City of Redlands
Municipal Utilities & Engineering Department
ORANGE BLOSSOM TRAIL PHASE 3
Project No. S241001

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

a. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.
b. By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

Dated this _____ day of _____, 2022.

_____
(Contractor)

_____
(Signature)

_____
(Official Title)

(SEAL)

(Labor Code Section 1861 provides that the above certificate must be signed and filed by the Contractor with the Owner prior to performing the work of the contract.)

FAITHFUL PERFORMANCE BOND

Whereas, the City of Redlands ("City"), State of California, and Deark E&C, Inc. (hereinafter designated as "Principal") have entered into an agreement dated June 7, 2022 ("Agreement") whereby Principal agrees to install and complete certain public improvements (the "Work"), which said Agreement is identified as Orange Blossom Trail Phase 3, Project No. S241001 and is hereby referred to and made a part hereof; and

Whereas, said Principal is required under the terms of the Agreement to furnish a bond for the faithful performance of the Work, now, therefore, we, the Principal and, _____, as Surety, are held and firmly bound unto the City in the penal sum of seven hundred eighty two thousand three hundred ninety six dollars ($782,396.00) lawful money of the United States, for the payment of which sum we bind ourselves, and our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the above bounded Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the Agreement and any alteration thereof made as therein provided, on his or its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall faithfully fulfill the one-year guarantee of all materials and workmanship, and shall defend, indemnify and save harmless the City and its elected officials, officers, agents and employees, as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligations, all to be taxed as costs and included in the judgment rendered.

As a condition precedent to the satisfactory completion of the Work, the above obligation shall hold good for a period of one (1) year or longer if required by the Agreement after the acceptance of the work by the City, during which time if the Principal shall fail to make full, complete, and satisfactory repair and replacements and totally protect the City from loss or damage made evident during this period from the date of completion of the Work, and resulting from or caused by defective materials or faulty workmanship, the above obligation in penal sum thereof shall remain in full force and effect. The obligations of Surety hereunder shall continue so long as any obligation of the Principal remains.

Whenever the Principal shall be, and is declared by the City to be, in default under the Agreement, the City having performed the City obligations thereunder, the Surety shall promptly remedy the default, or shall promptly, at the City's option:

1. Complete the Work in accordance with its terms and conditions; or

2. Obtain a bid or bids for completing the Work in accordance with its terms and conditions, and upon determination by Surety of the lowest responsive and responsible bidder, arrange for a contract between such bidder and the City, and make available as work progresses sufficient funds to pay the cost of completion of the Work less the balance of the Agreement price, but not exceeding, including other costs and damages for which Surety may be liable hereunder, the amount set forth above. The term "balance of the Agreement price," as used in this paragraph, shall

mean the total amount payable to the Principal by the City under the Agreement and any modifications thereto, less the amount previously properly paid by the City to the Principal.

Surety expressly agrees that the City may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal.

Surety shall not utilize the Principal in completing the Work nor shall Surety accept a bid from the Principal for completion of the Work if the City, when declaring the Principal in default, notifies Surety of the City's objection to the Principal's further participation in the completion of the Work.

No right of action shall accrue on the bond to or for the use of any person or corporation other than the City named herein or the successors or assigns of the City. Any suit under this bond must be instituted within the applicable statute of limitations period.

The said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Agreement or to the work or to the specifications.

No final settlement between the City and the Principal shall abridge the right of any beneficiary hereunder whose claim may be unsatisfied.

The Principal and Surety agree that if the City is required to engage the services of any attorney in connection with the enforcement of this bond, each shall pay the City's reasonable attorneys' fees incurred, with or without suit, in addition to the above sum.

In witness whereof, this instrument has been duly executed by the Principal and Surety above named, on _____, 2022.

(SEAL)	(SEAL)
_____	_____
(Contractor)	(Surety)
_____	BY: _____
(Signature)	(Signature)
	Address:_____
	_____
(Seal and Notarial Acknowledgment of Surety)	Telephone ( )_____

LABOR AND MATERIAL BOND

Whereas, the City Council of the City of Redlands, State of California, and Deark E&C, Inc. (hereinafter designated as "Principal") have entered into an agreement (the "Agreement") whereby Principal agrees to install and complete certain designated public improvements (the "Work"), which said agreement, dated June 7, 2022, and identified as Orange Blossom Trail Phase 3, Project No. S241001 is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, Principal is required before commending the performance of the Work, to file a good and sufficient Labor and Material bond with the City of Redlands to secure the claims to which reference is made in Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code of the State of California.

Now, therefore, said Principal and the undersigned as corporate surety, are held firmly bound unto the City and all contractors, subcontractors, laborers, material men and other persons employed in the performance of the Agreement and referred to in the aforesaid Code of Civil Procedure in the sum of seven hundred eighty two thousand three hundred ninety six dollars ($782,396) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof, this instrument has been duly executed by the Principal and surety above named, on _____, 2022.

(SEAL)	(SEAL)
_____	_____
(Contractor)	(Surety)
_____	BY: _____
(Signature)	(Signature)
	Address: _____
(Seal and Notarial Acknowledgement of Surety)	_____
	Telephone: ( )_____

CITY OF REDLANDS
OFFICE OF THE CITY CLERK
BID OPENING REPORT

The following bids were opened on the **28th day of April 2022 at 2:00 p.m.** on behalf of the Municipal Utilities and Engineering Department for **Orange Blossom Trail Phase 3 – Project No. S241001**. The bid amounts have not been checked and are subject to correction after the bids have been completely reviewed.

No.	Plan Holder's Name	Bid Signed	Bid Bond	Addenda Acknowledged (N/A)	Total Bid Amount
1	DEARK E&C Inc., Gardena CA	Yes	Yes	N/A	$ 782,396.00
2	Tryco General Engineering, Rimforest CA	Yes	Yes	N/A	$ 889,636.00
3	Horizon's Construction, Orange CA	Yes	Yes	N/A	$1,077,600.00
4	California Landscape and Design, Inc., Upland CA	Yes	Yes	N/A	$1,175,763.20
5	CS Legacy Construction, Walnut CA	Yes	Yes	N/A	$1,449,426.88
6	Gentry General Engineering, Inc., Rancho Cucamonga CA	Yes	Yes	N/A	$1,492,298.64

Jeanne Donaldson, City Clerk
City of Redlands, California

Emailed: Councilmembers,
City Manager, City Treasurer, PIO, Press
Department Head: John Harris
Staff: Gerard Nepomuceno; Goutam Dobey

UTILITIES AND ENGINEERING DEPARTMENT
Bid Analysis

ATTACHMENT "C"

PROJECT NO.: S241001
Orange Blossom Trail Phase 3

Bid Date: April 28, 2022
Estimated Start Date: June 2022

Item No.	Bid Item	Qty	Unit	Deark E&C, Inc.		Tryco General Engineering, Inc.		Horizons Construction Co. Int'l, Inc.	
				Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price
BASE BID ITEMS									
1	Mobilization	1	LS	$37,000.00	$37,000.00	$30,000.00	$30,000.00	$44,700.00	$44,700.00
2	Erosion Control Plan	1	LS	$8,000.00	$8,000.00	$4,800.00	$4,800.00	$9,400.00	$9,400.00
3	Traffic Control Plan	1	LS	$16,500.00	$16,500.00	$6,800.00	$6,800.00	$37,143.20	$37,143.20
4	Construction Surveying	1	LS	$8,200.00	$8,200.00	$18,000.00	$18,000.00	$117,600.00	$117,600.00
5	Clearing and Grubbing	1	LS	$8,200.00	$8,200.00	$7,800.00	$7,800.00	$11,600.00	$11,600.00
6	Grading	1	LS	$24,000.00	$24,000.00	$21,000.00	$21,000.00	$48,000.00	$48,000.00
7	4" Asphalt Concrete Pavement over 12" Nativ	22,896	SF	$5.50	$125,928.00	$4.00	$91,584.00	$4.65	$106,466.40
8	Bike Trail Signage, Striping, and Markings	1	LS	$19,000.00	$19,000.00	$5,800.00	$5,800.00	$22,200.00	$22,200.00
9	30"X30" Inlet & Grate	1	EA	$8,000.00	$8,000.00	$4,800.00	$4,800.00	$4,800.00	$4,800.00
10	Three Rail PVC Fence	2,488	LF	$32.00	$79,616.00	$38.00	$94,544.00	$39.25	$97,654.00
11	Decorative Concrete	4,091	SF	$12.00	$49,092.00	$25.00	$102,275.00	$10.50	$42,955.50
12	Adjust MH	2	EA	$2,000.00	$4,000.00	$1,380.00	$2,760.00	$1,250.00	$2,500.00
13	Truncated Domes	270	SF	$60.00	$16,200.00	$50.00	$13,500.00	$46.00	$12,420.00
14	Construct ADA Curb ramps type 1	4	EA	$2,000.00	$8,000.00	$4,980.00	$19,920.00	$4,500.00	$18,000.00
15	Construct ADA Curb ramps type 1A	1	EA	$8,000.00	$8,000.00	$5,800.00	$5,800.00	$5,200.00	$5,200.00
16	Grind and overlay variable thickness paveme	4,904	SF	$3.00	$14,712.00	$4.00	$19,616.00	$1.35	$6,620.40
17	Overlay variable thickness pavement	108	SF	$36.00	$3,888.00	$14.00	$1,512.00	$4.00	$432.00
18	4" Concrete Side Walk	585	SF	$14.00	$8,190.00	$8.00	$4,680.00	$8.40	$4,914.00
19	6" Concrete curb & gutter	117	LF	$68.00	$7,956.00	$68.00	$7,956.00	$37.30	$4,364.10
20	Install 24" RCP	33	LF	$500.00	$16,500.00	$400.00	$13,200.00	$345.00	$11,385.00
21	Grouted Rip-Rap	14	CY	$800.00	$11,200.00	$540.00	$7,560.00	$230.00	$3,220.00
22	tubular steel Gate	4	EA	$1,000.00	$4,000.00	$4,200.00	$16,800.00	$5,300.00	$21,200.00
23	Precast Concrete Litter Receptacle	2	EA	$2,000.00	$4,000.00	$1,800.00	$3,600.00	$3,100.00	$6,200.00
24	6" Mow curb	4,956	LF	$8.50	$42,126.00	$10.50	$52,038.00	$21.50	$106,554.00
25	Street Crossing Monument Sign	3	EA	$8,200.00	$24,600.00	$7,500.00	$22,500.00	$18,240.00	$54,720.00
26	Trail Head Monument Sign	1	EA	$16,500.00	$16,500.00	$20,000.00	$20,000.00	$49,070.00	$49,070.00
27	install 4" atrium drain	1	EA	$1,650.00	$1,650.00	$1,200.00	$1,200.00	$250.00	$250.00
28	install 4" pvc pipe	7	EA	$600.00	$4,200.00	$300.00	$2,100.00	$750.00	$5,250.00
29	"no dumping drains to ocean" stencil.	2	EA	$2,000.00	$4,000.00	$300.00	$600.00	$780.00	$1,560.00
30	Bio Retention Basin	155	LF	$200.00	$31,000.00	$585.00	$90,675.00	$175.00	$27,125.00
31	Concrete Swale	2,478	LF	$11.00	$27,258.00	$28.00	$69,384.00	$27.00	$66,906.00
32	Concrete Island	300	SF	$38.00	$11,400.00	$55.00	$16,500.00	$40.00	$12,000.00
33	Warning Sign	12	EA	$660.00	$7,920.00	$900.00	$10,800.00	$406.00	$4,872.00
34	install no left turn	1	EA	$1,600.00	$1,600.00	$780.00	$780.00	$330.00	$330.00
35	Install Reflective delineator (type E)	26	LS	$300.00	$7,800.00	$148.00	$3,848.00	$90.00	$2,340.00
36	Paint yellow(thermoplastic) striping	384	LF	$20.00	$7,680.00	$6.00	$2,304.00	$2.85	$1,094.40
37	Trench Drain	12	LF	$340.00	$4,080.00	$300.00	$3,600.00	$417.00	$5,004.00
38	Precast Removable Bollard	11	EA	$1,400.00	$15,400.00	$1,000.00	$11,000.00	$1,350.00	$14,850.00
39	Unforeseen Work	1	LS	$75,000.00	$75,000.00	$75,000.00	$75,000.00	$75,000.00	$75,000.00
40	Demobilization	1	LS	$10,000.00	$10,000.00	$3,000.00	$3,000.00	$11,700.00	$11,700.00
	Additions/Deductions				$0.00		$0.00		$0.00
		Total Base Bid			**$782,396.00**		**$889,636.00**		**$1,077,600.00**

Arithmetic Error

Low Bidder 1, 2, 3
1 of 2

UTILITIES AND ENGINEERING DEPARTMENT
Bid Analysis

ATTACHMENT "C"

PROJECT NO.: S241001 Bid Date: April 28, 2022
Orange Blossom Trail Phase 3 Estimated Start Date: June 2022

Item No.	Bid Item	Qty	Unit	California Landscape & Design, Inc.		C.S. Legacy Consruction, Inc.		Gentry General Engineering, Inc.	
				Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price
BASE BID ITEMS									
1	Mobilization	1	LS	$58,700.00	$58,700.00	$72,000.00	$72,000.00	$20,000.00	$20,000.00
2	Erosion Control Plan	1	LS	$22,700.00	$22,700.00	$19,207.18	$19,207.18	$20,000.00	$20,000.00
3	Traffic Control Plan	1	LS	$7,000.00	$7,000.00	$3,668.21	$3,668.21	$33,400.00	$33,400.00
4	Construction Surveying	1	LS	$35,700.00	$35,700.00	$60,215.00	$60,215.00	$98,000.00	$98,000.00
5	Clearing and Grubbing	1	LS	$8,500.00	$8,500.00	$31,402.59	$31,402.59	$7,000.00	$7,000.00
6	Grading	1	LS	$62,500.00	$62,500.00	$121,147.16	$121,147.16	$39,000.00	$39,000.00
7	4" Asphalt Concrete Pavement over 12" Nati	22,896	SF	$5.50	$125,928.00	$4.15	$95,018.40	$6.00	$137,376.00
8	Bike Trail Signage, Striping, and Markings	1	LS	$10,900.00	$10,900.00	$10,210.16	$10,210.16	$10,806.00	$10,806.00
9	30"X30" Inlet & Grate	1	EA	$11,000.00	$11,000.00	$7,108.27	$7,108.27	$6,428.00	$6,428.00
10	Three Rail PVC Fence	2,488	LF	$31.25	$77,750.00	$57.62	$143,358.56	$72.00	$179,136.00
11	Decorative Concrete	4,091	SF	$16.00	$65,456.00	$26.30	$107,593.30	$18.50	$75,683.50
12	Adjust MH	2	EA	$1,200.00	$2,400.00	$5,185.75	$10,371.50	$739.00	$1,478.00
13	Truncated Domes	270	SF	$66.00	$17,820.00	$56.50	$15,255.00	$90.00	$24,300.00
14	Construct ADA Curb ramps type 1	4	EA	$2,500.00	$10,000.00	$6,053.53	$24,214.12	$5,000.00	$20,000.00
15	Construct ADA Curb ramps type 1A	1	EA	$5,800.00	$5,800.00	$6,053.51	$6,053.51	$4,500.00	$4,500.00
16	Grind and overlay variable thickness paveme	4,904	SF	$1.70	$8,336.80	$1.73	$8,483.92	$7.94	$38,937.76
17	Overlay variable thickness pavement	108	SF	$20.00	$2,160.00	$11.52	$1,244.16	$26.19	$2,828.52
18	4" Concrete Side Walk	585	SF	$10.00	$5,850.00	$13.22	$7,733.70	$10.16	$5,943.60
19	6" Concrete curb & gutter	117	LF	$35.00	$4,095.00	$73.37	$8,584.29	$75.78	$8,866.26
20	Install 24" RCP	33	LF	$275.00	$9,075.00	$473.63	$15,629.79	$270.00	$8,910.00
21	Grouted Rip-Rap	14	CY	$525.00	$7,350.00	$1,023.71	$14,331.94	$1,600.00	$22,400.00
22	tubular steel Gate	4	EA	$2,800.00	$11,200.00	$4,609.56	$18,438.24	$4,900.00	$19,600.00
23	Precast Concrete Litter Receptacle	2	EA	$3,500.00	$7,000.00	$3,625.18	$7,250.36	$6,000.00	$12,000.00
24	6" Mow curb	4,956	LF	$20.15	$99,863.40	$29.06	$144,021.36	$17.00	$84,252.00
25	Street Crossing Monument Sign	3	EA	$18,300.00	$54,900.00	$16,102.74	$48,308.22	$9,335.00	$28,005.00
26	Trail Head Monument Sign	1	EA	$49,700.00	$49,700.00	$55,517.71	$55,517.71	$43,590.00	$43,590.00
27	install 4" atrium drain	1	EA	$550.00	$550.00	$570.15	$570.15	$460.00	$460.00
28	install 4" pvc pipe	7	EA	$155.00	$1,085.00	$659.17	$4,614.19	$389.00	$2,723.00
29	"no dumping drains to ocean" stencil.	2	EA	$150.00	$300.00	$2,880.97	$5,761.94	$68.00	$136.00
30	Bio Retention Basin	155	LF	$1,450.00	$224,750.00	$1,266.85	$196,361.75	$2,200.00	$341,000.00
31	Concrete Swale	2,478	LF	$16.00	$39,648.00	$23.28	$57,687.84	$28.00	$69,384.00
32	Concrete Island	300	SF	$33.50	$10,050.00	$52.79	$15,837.00	$21.00	$6,300.00
33	Warning Sign	12	EA	$400.00	$4,800.00	$374.53	$4,494.36	$396.00	$4,752.00
34	install no left turn	1	EA	$370.00	$370.00	$334.19	$334.19	$353.00	$353.00
35	Install Reflective delineator (type E)	26	LS	$70.00	$1,820.00	$57.62	$1,498.12	$61.00	$1,586.00
36	Paint yellow(thermoplastic) striping	384	LF	$9.00	$3,456.00	$8.07	$3,098.88	$8.56	$3,287.04
37	Trench Drain	12	LF	$250.00	$3,000.00	$381.48	$4,577.76	$575.00	$6,900.00
38	Precast Removable Bollard	11	EA	$1,750.00	$19,250.00	$1,726.21	$18,988.31	$2,000.00	$22,000.00
39	Unforeseen Work	1	LS	$75,000.00	$75,000.00	$75,000.00	$75,000.00	$75,000.00	$75,000.00
40	Demobilization	1	LS	$10,000.00	$10,000.00	$4,235.74	$4,235.74	$6,000.00	$6,000.00
	Additions/Deductions				$0.00		$0.00		$0.00
		Total Base Bid			**$1,175,763.20**		**$1,449,426.88**		**$1,492,321.68**

Arithmetic Error

Low Bidder 4, 5, 6
2 of 2

LOCATION MAP

ORANGE BLOSSOM TRAIL
PHASE 3
PROJECT NO. 241001

WEST PARK AVE
ALABAMA ST
MISSOURI CT
BUSINESS CENTER CT
KANSAS ST
TENNESSEE ST
CALIFORNIA ST
ALABAMA ST TO KANSAS ST
KANSAS ST TO TENNESSEE ST
MISSION CHANNEL
W STATE ST
W STATE ST

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The data used to generate this map is dynamic in nature, therefore the information shown may or may not be the most current.

N
W E
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Scale
0 160 320
Feet

City of Redlands
Department of Innovation & Technology
Geographic Information Systems

City of REDLANDS "A City That Works"

February 24, 2022

OneStop.mxd

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"A City That Works"

City Council/Successor Agency Meeting **K. 8.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of Resolution Nos. 8295 - Annual Engineer's Reports Preliminary Approval, and 8296 - Declaration of Intention to Levy Fiscal Year 22/23 Street Lighting District No. 1 and Landscape Maintenance District No. 1 Assessments (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines the staff recommendation is appropriate, the following motion is provided:

I move to adopt Resolution Nos. 8295 and 8296.

RECOMMENDATION:

Staff recommends City Council adopt Resolution Nos. 8295 preliminarily approving the annual Engineer's Reports for Landscape Maintenance District No. 1 and Street Lighting District No. 1, and 8296 declaring the City Council's intention to levy and collect assessments for fiscal year 22/23 and scheduling a June 21, 2022 Public Hearing to receive comments related to levying assessments within the these districts.

DISCUSSION:

On July 7, 1987, City Council ordered the formation of Landscape Maintenance District No. 1 (LM District), which was established to ensure satisfactory levels of maintenance are provided. LM District assessments provide funding for labor, material, and equipment associated with landscape services provided by the City within the LM District. These services include turf and ground cover maintenance, irrigation, tree and bush trimming, and LM District management.

On September 19, 1989, City Council ordered the formation of Street Lighting District No. 1 (SL District), which was established to generate funding for

electricity to power streetlights, labor, material, and equipment costs to replace burned out or damaged streetlight bulbs, damaged streetlight poles, and provide SL District management.

On May 3, 2022, City Council approved Goutam Dobey, Engineering Manager, as the Assessment Engineer for both districts. As the Assessment Engineer, Mr. Dobey is responsible for the preparation of the Engineer's Reports required to levy the annual assessments in accordance with the California Streets and Highways Code.

Staff has prepared the comprehensive Engineer's Reports to establish fiscal year 22/23 LM District and SL District assessments that will recover costs for City services within both districts. Appendix "D" of the Engineer's Reports detail the assessments and provide a description of specific areas to be assessed. The Assessment District diagrams are also included in the Engineer's Report as Appendix "B". No new areas are proposed for annexation into the districts.

A public hearing is required to levy these assessments. The date of the Public Hearing will be set by adoption of Resolution No. 8296. At the Public Hearing, the Council will consider Resolution Nos. 8297 and 8298 to approve the Engineer's Report for Street Lighting District No. 1 and Landscape Maintenance District No. 1 and implement the assessments for Fiscal Year 2022-2023.

ALTERNATIVES:

The City Council may deny the staff recommendation, although the San Bernardino County Assessor will not impose an assessment on property tax bills without adoption of the annual Engineer's Reports.

STRATEGIC PLAN:

N/A

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Christopher Boatman, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Goutam Dobey, Engineering Manager

PREPARED BY:
Donald P. Young, One Stop Permit Center Manager

Fiscal Impact

Fiscal Year: FY 22/23
Revenue Generating: Yes
Appropriation Required Y/N: No
Discussion:

The proposed FY 22/23 SL District and LM District assessments are anticipated to generate revenues of $25,465.25 and $28,784.34 respectively, which will supplement Facilities and Community Services Department costs to provide services within the districts.

Attachments

A. Resolution 8295 SLD and LMD Preliminary Approval
B. Resolution 8296 SLD and LMD Intent
C. 10 Day Display Notice
D. LMD Engineer's Report
E. SLD Engineer's Report

RESOLUTION NO. 8295

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS GIVING PRELIMINARY APPROVAL OF THE ENGINEER'S REPORTS FOR FISCAL YEAR 2022-2023 FOR STREET LIGHTING DISTRICT NO. 1 AND LANDSCAPE MAINTENANCE DISTRICT NO. 1

WHEREAS, the City Council of the City of Redlands (the "City Council") has heretofore determined that the public interest, convenience and necessity require the maintenance and operation of street lighting and appurtenant facilities, as set forth in Section 22525 of the Streets and Highways Code, within the incorporated boundaries of the City of Redlands; and

WHEREAS, the City Council has heretofore determined that the public interest, convenience and necessity require the maintenance of landscape and irrigation facilities set forth in Section 22525 of the Streets and Highways Code within the incorporated boundaries of the City of Redlands; and

WHEREAS, Goutam Dobey, the City of Redlands' Engineering Manager, has been appointed "Assessment Engineer" with all provisions of Part 2 of Division 15 of the Streets and Highways Code applicable to the Engineer being applied to the "Assessment Engineer;" and

WHEREAS, Sections 22622 and 22623 of the Streets and Highways Code require that an Engineer's Report be prepared and filed annually, specifying the assessments to be levied against the benefitting properties within the City's Street Lighting District No. 1 and Landscape Maintenance District No. 1; and

WHEREAS, the City of Redlands Engineering Manager, as the Assessment Engineer, has prepared and filed with the City Clerk reports in writing as required by the Landscaping and Lighting Act of 1972 and in compliance with Article XIIID of the California Constitution; and

WHEREAS, the City Council has duly considered said reports and each and every part thereof; and finds that each and every part of said reports is sufficient, and that no part of said reports requires modification in any respect;

NOW, THEREFORE, be it resolved by the City Council of the City of Redlands as follows:

Section 1. That the Engineer's estimate of the itemized costs and expenses of said work and of the incidental expenses in connection therewith, contained in said reports be, and each of them are hereby, preliminarily approved and confirmed.

Section 2. That the diagram showing the Street Lighting District No. 1 and Landscape Maintenance District No. 1 referred to and described in said reports, and the boundaries of the lots and parcels of land within such assessment district as the same existed at the time of passage of this resolution, are hereby preliminarily approved and confirmed.

Section 3. That the proposed assessment upon the properties in Street Lighting District No. 1 and Landscape Maintenance District No. 1, in proportion to the estimated benefit to be received by such properties, respectively, from said work and of the incidental expenses thereof, as contained in said report is hereby preliminarily approved and confirmed.

Section 4. That said reports shall stand as the Engineer's Report for the purposes of all subsequent proceedings for Street Lighting District No. 1 and Landscape Maintenance District No. 1.

APPROVED AND ADOPTED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____

Jeanne Donaldson, City Clerk

RESOLUTION NO. 8296

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS DECLARING ITS INTENTION TO LEVY AND COLLECT ASSESSMENTS WITHIN REDLANDS' STREET LIGHTING ASSESSMENT DISTRICT NO. 1 AND LANDSCAPE ASSESSMENT DISTRICT NO. 1 FOR FISCAL YEAR 2022-2023 PURSUANT TO THE LANDSCAPING AND LIGHTING ACT OF 1972, AND ESTABLISHING A TIME AND PLACE FOR PUBLIC HEARINGS FOR THE TWO DISTRICTS TO CONSIDER PROTESTS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS AS FOLLOWS:

Section 1. The City Council of the City of Redlands hereby (1) finds that the public interest and convenience requires, and (2) declares its intention to levy and collect, assessments against the lots and parcels of property within an existing assessment districts designated "Redlands' Street Lighting Assessment District No. 1 and Landscape Assessment District No. 1" (the "Districts") pursuant to the provisions of the Landscaping and Lighting Act of 1972, Part 2 of Division 15 of the Streets and Highways Code (commencing with Section 22500) (the "Act") for fiscal year 2022-2023, commencing July 1, 2022, and ending June 30, 2023, to pay for the costs and expenses of the improvements described in Section 3 hereof.

Section 2. Reference is hereby made to a map on file in the office of the City Clerk and open for public inspection for a description of the exterior boundaries of the Districts.

Section 3. The proposed improvements are briefly described as follows: The operation, maintenance and servicing of public within the District, including the operation, maintenance and servicing of public lighting facilities and landscaping, including safety lighting, traffic signals, trees, shrubs, grass and other ornamental vegetation, and appurtenant facilities, located along public roadways, streets and rights-of-way within the boundaries of the Districts. "Maintenance" means the furnishing of services and materials for the ordinary and usual maintenance, operation and servicing of the public lighting and landscaping facilities, and appurtenant facilities, including repair, removal or replacement of all or part of any of the public lighting and landscaping facilities, or appurtenant facilities. "Servicing" means the maintenance of any of the public lighting and landscaping facilities or appurtenant facilities, including the furnishing of electric current, energy or gas for the operation of any of the lighting facilities and the furnishing of water for the irrigation of any of the landscaping facilities.

Section 4. The assessments to be levied and collected against the assessable lots and parcels of property within the Districts for fiscal year 2022-2023 are not proposed to increase from the assessments levied and collected for fiscal year 1997-1998.

Section 5. Public property owned by any public agency and in use in the performance of a public function which is included within the boundaries of the Districts shall not be subject to assessment to be made under these proceedings to cover any of the costs and expenses of the improvements.

Section 6. All railroad, gas, water and electric utility rights-of-way are included within the Districts and shall be assessed in accordance with the benefits received from the improvements.

Section 7. Reference is hereby made to the Reports of the Engineer entitled "City of Redlands Street Lighting District No. 1 Engineer's Report for Fiscal Year 2022-2023" and "City of Redlands Landscape Maintenance District No. 1 Engineer's Report for Fiscal Year 2022-2023" on file in the office of the City Clerk for a full and detailed description of the improvements, the boundaries of the District and any zones therein and the proposed assessments upon assessable lots and parcels of land within the District.

Section 8. Notice is hereby given that the City Council appoints Tuesday, the 21st day of June, 2022, at the hour of 6:00 p.m., or as soon thereafter as the matter may be heard, in the Council Chambers at City Hall, City of Redlands, 35 Cajon Street, Suite 2, Redlands, California 92373, as the time and place for two public hearings to consider protests or objections to the levy of the proposed assessments in connection with the districts. All interested persons shall be afforded the opportunity to hear and be heard. Any interested person may file a written protest with the City Clerk prior to the conclusion of the hearing. A written protest shall state all grounds of objection. A protest by a property owner shall contain a description sufficient to identify the property owned by the signer thereof. The City Council shall consider all oral statements and all written protests made or filed by any interested person.

Section 9. The City Clerk is hereby authorized and directed to give notice of such hearing in accordance with law.

Section 10. The City Council hereby determines and declares that the proposed assessments constitute a continuation of assessments existing on the effective date of Article XIIID, that the assessments are imposed exclusively to finance the maintenance and operation expenses for streets and that the assessments are exempt from the requirements of Article XIIID, Section 4 of the California Constitution.

Section 11. The City Council hereby designates Goutam Dobey, Engineering Manager, telephone number (909) 798-7584 x2, to answer inquiries regarding the hearing, protest proceedings and procedural or technical matters.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certifies that the foregoing resolution was duly adopted by the City Council, at a regular meeting thereof, held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

CITY OF REDLANDS
CITY COUNCIL
NOTICE OF PUBLIC HEARING

NOTICE is hereby given that the City Council of the City of Redlands, County of San Bernardino, State of California, will hold a public hearing to consider the following:

1. **PUBLIC HEARING** to consider Resolution No. 8297 and 8298 to approve the Engineer's Report for Street Lighting District No. 1 and Landscape Maintenance District No. 1 and implement the assessments for Fiscal Year 2022-2023

City of Redlands, Applicant

In accordance with the Landscaping and Lighting Act of 1972 and in compliance with Article XIIID of the California Constitution a report has been prepared and filed with the City Clerk.

The general public and all persons affected by this proceeding may appear and be heard at the time of the Public Hearing. In addition, the general public and all persons affected by this proceeding may submit comments up until 5 p.m. the day before the City Council meeting by email at publiccomment@cityofredlands.org or through the public comment form on the City's website at https://www.cityofredlands.org/public-speaker-form. Written comments may also be provided by 5 p.m. the day before the City Council meeting directly to the City Clerk's Office at 35 Cajon Street. All public comment will be included in the public record of the meeting.

The full text of the proposed Resolutions, and all materials relevant to this hearing, are available for public inspection in the Municipal Utilities and Engineering Department, located at 35 Cajon Street, Ste. 15A, Redlands, California. Phone number is (909) 798-7698. Website: www.cityofredlands.org

The public hearing will be held in the Council Chambers, Civic Center, 35 Cajon Street, Ste. 2, Redlands, California, at 6:00 P.M., or as soon thereafter as may be heard, on Tuesday, June 21, 2022.

If you challenge the Resolution described in this notice in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the City Council prior to the public hearing.

_____

Jeanne Donaldson, City Clerk
City of Redlands, California

CITY OF REDLANDS
LANDSCAPE MAINTENANCE DISTRICT NO. 1
ENGINEER'S REPORT
FOR FISCAL YEAR 2022-2023

CITY OF REDLANDS
MUNICIPAL UTILITIES AND ENGINEERING DEPARTMENT

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ENGINEER'S REPORT AFFIDAVIT

Landscape Maintenance District No. 1

City of Redlands
San Bernardino County, State of California

This Report describes the Landscape Maintenance District No. 1 ("District") and services therein including the improvements, budgets, parcels and assessments to be levied for Fiscal Year 2022-2023 as they existed at the time of the passage of the Resolution of Intention. Reference is hereby made to the San Bernardino County Assessor's maps for a detailed description of the lines and dimensions of parcels within the District. The undersigned respectfully submits the enclosed Report as directed by the City Council.

Dated this 1st day of June, 2022



By:_____

Goutam Dobey
Engineering Manager
R.C.E # 75646

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VIII. PROPOSED BASIS FOR ASSESSMENTS

IX. CALCULATION OF MAINTENANCE AND INCIDENTAL COSTS

X. ESTIMATED ASSESSMENTS FOR FY 2022-2023

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APPENDIX C: RESOLUTIONS
APPENDIX D: ASSESSMENT ROLL

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I. AUTHORITY FOR REPORT

This report is prepared by order of the City Council of the City of Redlands, California (City). This report is in compliance with the requirements of Chapter 1, Article 4, and Chapter 3 of Division 15 of the Streets and Highway Code of the State of California (Landscape and Lighting Act of 1972) and Article XIIID of the California Constitution.

II. GENERAL DESCRIPTION

The City Council of the City of Redlands, California has heretofore elected to form Landscape Maintenance District No. 1 (District) and annexed territories to said District. The boundaries of said District and annexations thereto are entitled "Assessment Diagram of Landscape Maintenance District No. 1," and are on file in the office of the City Clerk of the City of Redlands.

III. PLANS AND SPECIFICATIONS

The plans and specifications for the landscaping either have been or are being prepared by the developers. The plans and specifications for the landscaping will be in conformance with the requirements of the City's Community Development Department, Planning Division and the Municipal Utilities and Engineering Department (MUED).

Reference is hereby made to the subject tract or parcel maps and assessment diagrams for the exact location of the landscaped areas. The plans and specifications by reference are hereby made a part of this report to the same extent as if said plans and specifications were attached hereto.

IV. IMPROVEMENTS

All areas within the Landscape Maintenance District No. 1, identified in this report as the Original District and Annexation No. L1 through L12, are to be maintained by the District. For FY 2022/23 the Original District (A, B and C), and Annexations L1-A, L1-B, L2-A, L4-C, L4-W, L5-C and L6-E are the only Annexations currently maintained. The remaining Annexations are either not yet developed or the landscaping has not been accepted by MUED for maintenance by the Facilities and Community Services Department.

The City, through MUED and Facilities and Community Services Department, has developed procedures for inspections, acceptance and maintenance of the landscaping improvements. It is anticipated that the Facilities and Community Services Department will be assigned the overall maintenance responsibilities once landscape improvements for individual Annexations have been accepted for maintenance.

V. ASSESSMENT DIAGRAM

The assessment diagrams for the original districts and subsequent Annexations by reference are hereby made a part of this report and shown as Appendix B.

VI. ESTIMATED COSTS AND MAINTENANCE

It is anticipated that the City, through its Facilities and Community Services Department, will provide maintenance services for the District. The City's record keeping will be required to be sufficiently accurate to detail the expenses so that actual cost of maintaining the District and Annexations are documented.

The District and Annexations which are maintained and those Annexations which are not maintained at this time, have been in existence for a number of years. Over the years the existing assessments have not kept pace with the true annual cost of maintenance and administration. As a result, the surplus balances established at the formation of the District and Annexations have depleted to cover expenses.

Approximately fifty-one (51) percent of the general administration and engineering costs are charged to the District and Annexations having landscaping maintained by the City. Forty-nine (49) percent is spread to properties on an equal assessment per lot with on-site development, but with either no landscaping installed or landscaping which is not yet accepted for maintenance by the City. The latter assessment has not changed as compared to the last fiscal year and remains at $6.00 per lot.

The assessment per lot for general administration and engineering areas with landscaping maintained by the City is approximately $4.39 per lot for the Original District B and C, and Annexations L1-A, L1-B, L2-A, L4-W and L6-E. For Original District A, this amount is $36.16 per lot and for Annexation L5C it is $8.50 per lot. Annexation L4-C is maintained by the District but the assessment remains at $6.00 per lot.

Since there were numerous locations as part of Annexation Nos. 1, 2, 3, 4, etc. they were identified on the diagram as Original A, 1-1A, 1-1B, etc. Prefix L is added to the identification on the later annexations to identify that it is within the District. The description of the annexations will be within Sections IX and X of this report.

VII. ASSESSMENT ROLL

Following the public hearing for FY 2022-2023 (FY 22/23) assessments and the City Council's approval of the assessments, an assessment roll will be prepared. The assessment roll will include the assessment parcel number, the San Bernardino County Assessor's parcel number and the confirmed assessment for each parcel. The assessment roll will be filed with the City Clerk and will subsequently be transmitted to the San Bernardino County Auditor/Tax Collector.

VIII. PROPOSED BASIS FOR ASSESSMENTS

The City Council has heretofore determined that it will be necessary to utilize the provisions of the Landscaping and Lighting Act of 1972, a benefit assessment act, for the Original District and the subsequent Annexations to the District and to assess benefitting properties in proportion to the benefits that the various properties will receive.

IX. CALCULATION OF MAINTENANCE AND INCIDENTAL COST

For a breakdown of the Maintenance and Incidental Costs see Appendix A – Calculation of Maintenance and Incidental Cost Table

X. ESTIMATED ASSESSMENTS FOR FY 2021-2022

The City Council, in forming the District and in annexing territories to the District, has maintained the philosophy that the subdivider or developer is responsible for the plantings, irrigation system and the maintenance of the improvements until they become well established. The assessments for maintenance thus only include anticipated costs incurred subsequent to the acceptance of the established improvements by MUED.

The maintenance of the landscaping is vital for the protection of both economic and humanistic values of the development. The City Council has heretofore determined that for the preservation of values incorporated within developments adjacent to landscaped areas, the parcels within the developments should be included in a maintenance district to ensure satisfactory levels of maintenance. The establishment of the assessment for each development must be on a unit-by-unit basis, which will preserve the integrity of each project.

The determination of benefit for the lots within the District and Annexations takes into consideration the following facts for the Original Districts and Annexations thereto:

Original District - Tracts 13282, 13434 and 13496

1. The purpose of landscaping is to provide an aesthetic impression on the area.

2. The maintained landscaping benefits all properties in the development.

3. The benefits to the lots that are not adjacent to the landscaped areas benefit by the uniform maintenance and appearance. All lots that are not abutting the landscaped areas benefit equally.

4. The landscaping on the Wabash Avenue and San Bernardino Avenue, boundaries of Tracts 13282 and 13434 respectively, is oriented away from the units adjacent to the landscaped areas; however, these properties were given a 10 percent surcharge to recognize proximity and support benefit.

5. The landscaping in the common area along the Alessandro Road frontage of Tract 13496 is oriented towards all units. Two of the lots abut the landscaped areas and were given a 20 percent surcharge to recognize proximity and support benefit.

6. The lots to receive a surcharge shall be considered to be within Assessment Zone "A".

Formula for Assessment

A = Assessment per interior lot

L = Number of lots that are not adjacent to landscaping areas on the Wabash Avenue frontage of Tract 13282, the San Bernardino Avenue frontage of 13434 and the Alessandro Road frontage of Tract 13496

P = Number of lots with a 10 percent or 20 percent surcharge

LA + P [(1.10) or (1.20)] A = Amount to be assessed

The FY 22/23 assessment will be spread based upon the preceding formula.

Original 1-A
Tract 13282

The total lot count in Tract 13282 is 38 lots, with 8 of those lots being adjacent to Wabash Avenue.

FY 2022/23 Assessment

(20A) + 8 (1.10A) = $2,409
A = $62.09

APN 0168-681-01 thru 16, 25 thru 38

The amount of assessment for lots that are not adjacent to the landscaping areas on Wabash Avenue = $62.09

APN 0168-681-17 thru 24

The amount of assessment for lots adjacent to Wabash Avenue with a 10 percent surcharge = $68.30

Original 1-B
Tract 13434

The total lot count in Tract 13434 is 78 lots, with 4 of these lots being adjacent to San Bernardino Avenue.

FY 22/23 Assessment

(74A) + 4 (1.10A) = $2,826
A = $36.05

APN 0167-802-2 thru 7
APN 0167-803-2 thru 8
APN 0167-804-1 thru 19
APN 0167-823-1 thru 10
APN 0167-284-1 thru 32

The amount of assessment for lots that are not adjacent to the landscaping areas on San Bernardino Avenue = $36.05

APN 0167-802-01, 08
APN 0167-803-01, 09

The amount of assessments for lots adjacent to San Bernardino Avenue with a 10 percent surcharge = $39.65

Original 1-C
Tract 13496

The total lot count in Tract 13496 is 9 lots, with 2 of these lots being adjacent to Alessandro Road.

FY 2022/23 Assessment

(7A) + 2 (1.2A) = $12,320
A = $1,310.64

APN 0175-491-02 thru 08

The amount of assessment for lots that are not adjacent to the landscaping areas on Alessandro Road = $1,310.64

APN 0175-491-01, 09

The amount of assessment for lots adjacent to Alessandro Road with a 20 percent surcharge = $1,572.77

Annexation No. L1-A – Tract 13745

1. The purpose of landscaping is to provide an aesthetic impression on the area.

2. The maintained landscaping benefits all properties in the development.

3. The benefit to the lots that are not adjacent to the landscaped areas benefit by the uniform maintenance and appearance. All lots that are not abutting the landscaped areas benefit equally.

4. The landscaping on San Bernardino Avenue is oriented away from the lots adjacent to the landscaped areas; however, these properties were given a 10 percent surcharge to recognize proximity and support benefit. These lots within Assessment Zone "A" are shown on the Assessment Diagram.

Formula for Assessment

A = Assessment per interior lot

L = Number of lots that are not adjacent to landscaping areas on San Bernardino Avenue

P = Number of lots with a 10 percent within Assessment Zone "A"

LA + P (1.10) A = Amount to be assessed

The FY 22/23 Assessment will be spread based upon the preceding formula. The total lot count in the tract is 38 lots, with 9 of these lots being adjacent to San Bernardino Avenue.

FY 22/23 Assessment

(29A) + 9 (1.10A) = $3,601
A = $92.57

APN 1212-141-01 thru 15, 25 thru 38

The amount of assessment for lots that are not adjacent to the landscaping areas on San Bernardino Avenue = $92.57

APN 1212-141-16 thru 24

The amount of assessments for lots within Assessment Zone "A" adjacent to the San Bernardino Avenue landscaping areas with a 10 percent surcharge = $101.83

Annexation No. L1-B – Tract 13765

1. The purpose of landscaping is to provide an aesthetic impression on the area.

2. The maintained landscaping benefits all properties in the development.

3. The benefit to the lots that are not adjacent to the landscaped areas benefit by the uniform maintenance and appearance. All lots that are not abutting the landscaped areas benefit equally.

4. The landscaping on San Bernardino Avenue is oriented away from the lots adjacent to the landscaped areas; however, these properties were given a 10 percent surcharge to recognize proximity and support benefit. These lots within Assessment Zone "A" as shown on the Assessment Diagram.

Formula for Assessment

A = Assessment per interior lot

L = Number of lots that are not adjacent to landscaping areas on San Bernardino Avenue

P = Number of lots with a 10 percent within Assessment Zone "A"

LA + P (1.10) A = Amount to be assessed

The FY 22/23 Assessment will be spread based upon the preceding formula. The total lot count in the tract is 25 lots, with 2 of these lots being adjacent to San Bernardino Avenue.

FY 22/23 Assessment

(23A) + 2 (1.10A) = $2,554
A = $101.35

APN 1212-081-54 thru -62

The amount of assessment for lots that are not adjacent to the landscaping areas on San Bernardino Avenue = $101.35

APN 1212-141-39 and -54

The amount of assessments for lots within Assessment Zone "A" adjacent to the San Bernardino Avenue landscaping areas with a 10 percent surcharge = $111.48

Annexation No. L2-A – Tract 13947

1. The purpose of landscaping is to provide an aesthetic impression on the area.

2. The maintained landscaping benefits all properties in the development.

3. The benefit to the lots that are not adjacent to the landscaped areas benefit by the uniform maintenance and appearance. All lots that are not abutting the landscaped areas benefit equally.

4. The landscaping on Reservoir Road is oriented away from the lots adjacent to the landscaped areas; however, these properties were given a 20 percent surcharge to recognize proximity and support benefit. These lots are within Assessment Zone "A" as shown on the Assessment Diagram

Formula for Assessment

A = Assessment per interior lot

L = Number of lots that are not adjacent to landscaping areas on Reservoir Road

P = Number of lots with a 20 percent within Assessment Zone "A"

LA + P (1.20) A = Amount to be assessed

FY 22/23 Assessment will be spread based upon the preceding formula. The total lot count in the tract is 35 lots, with 4 of these lots being adjacent to Reservoir Road.

FY 22/23 Assessment

(31A) + 4 (1.20A) = $1,595
A = $44.55

APN 0174-621-1 thru 7, 9 thru 25, 28 thru 34

The amount of assessment for lots that are not adjacent to the landscaping areas on Reservoir Road = $44.55

APN 0174-621-08, 26, 27, 35

The amount of assessments for lots within Assessment Zone "A" adjacent to the Reservoir Road landscaping areas with a 20 percent surcharge = $53.46.

Annexation No. L3-A – Parcel Map 11917

Formula for Assessment

T = Total length of perimeter landscaping = 3,099 feet

L = Individual lot length of perimeter landscaping

A = Amount to be assessed = $600

The FY 22/23 Assessment will be spread based upon the preceding formula. The total lot count in the tract is 4 lots.

FY 22/23 Assessment

Assessment per lot:

APN 0292-032-39	= 1010 ft/3099 ft	x $600 =	$195.55
APN 0292-032-40	= 206 ft/3099 ft	x $600 =	$39.88
APN 0292-032-41	= 324 ft/3099 ft	x $600 =	$62.73
APN 0292-032-42	= 1559 ft/3099 ft	x $600 =	$301.84

Annexation No. L5-C – Tract 14556

1. The purpose of landscaping is to provide an aesthetic impression on the area.

2. The maintained landscaping benefits all properties in the development.

3. The benefit to the lots that are not adjacent to the landscaped areas benefit by the uniform maintenance and appearance. All lots that are not abutting the landscaped areas benefit equally.

4. The landscaping on the median at the intersection of Franklin Avenue and Garden Street is oriented away from lots adjacent to the landscaped areas; however, these properties were given a 10 percent surcharge to recognize proximity and support benefit. These lots within Assessment Zone "A" as shown on the Assessment Diagram.

Formula for Assessment

A = Assessment per interior lot

L = Number of lots that are not adjacent to landscaping areas on Franklin Avenue and Garden Street

P = Number of lots with a 10 percent within Assessment Zone "A"

LA + P (1.10) A = Amount to be assessed

The FY 22/23 Assessment will be spread based upon the preceding formula. The total lot count in the tract is 10 lots, with 4 of these lots being in close proximity to the landscaped median at the intersection of Franklin Avenue and Garden Street.

FY 22/23 Assessment

(6A) + 4 (1.10A) = $815
A = $78.37

APN 0176-441-18, 23 thru 27

The amount of assessment for lots that are not adjacent to the landscaping areas = $78.37

APN 0174-441-19 thru 22

The amount of assessments for lots within Assessment Zone "A" adjacent to the landscaping areas with a 10 percent surcharge = $86.20

Annexation No. L4, L5 (except L5-C), L6, L7, L8, L9, L10, L11 and L12

No assessments are proposed to be levied on the parcels in these annexations in association with the landscape maintenance costs. However, these parcels will receive special benefit and be assessed for the per lot general City overhead charges and the prorated share of the Annual Engineer's Report to ensure that the required landscaping be maintained to the standards established by the City and anticipated when the improvements were initially required. The assessment will be $6.00 per lot in each of these annexations.

* * * * * * * * * * * *

The City Council will hold a public meeting on June 21, 2022 to determine the assessments based upon the costs for FY 2022-2023 which are anticipated to be incurred by the City and which are to be recovered through assessments as required by the Landscaping and Lighting District Act of 1972.

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APPENDIX A

CALCULATION OF MAINTENANCE AND INCIDENTAL COST TABLE

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APPENDIX A
COST TABLE
ENGINEER'S REPORT
LANDSCAPE MAINTENANCE DISTRICT NO. 1, FY 2022-2023

District Name	Original 1-A	Original 1-B	Original 1-C	Annexation L1-A	Annexation L1-B	Annexation L2-A	Annexation L3-A	Annexation L4-A	Annexation L4-B	Annexation L4-C	Annexation L4-D	Annexation L4-E	Annexation L4-F	Annexation L4-G	Annexation L4-H
Description	Tract 13282	Tract 13434	Tract 13496	Tract 13745	Tract 13765	Tract 13947	PM 11917	MS 185	MS 178	CUP 617	MS 184	CUP 382	CRA 606	CRA 486	CUP 253
Parcel Numbers	Wabash Avenue	San Bernardino Avenue	Alessandro Road	San Bernardino Avenue	San Bernardino Avenue	Reservoir Road	Lugonia Avenue		APN 293-172-16 THRU 18	APN 292-033-11	APN 167-231-19 THRU 21	APN 171-383-19 & 20	APN 169-131-33	APN 292-321-10	APN 169-411-07
Maintenance															
Contract Maintenance	$ 1,340	$ 1,340	$ 5,103	$ 1,190	$ 650	$ 550	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Repair Beyond Contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water & Electric	$ 520	$ 940	$ 4,450	$ 1,865	$ 1,360	$ 1,300	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Field Inspections	$ 250	$ 250	$ 1,250	$ 250	$ 250		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	$ 50	$ 50	$ 50	$ 50	$ 50	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ 2,160**	**$ 2,580**	**$ 10,853**	**$ 3,355**	**$ 2,310**	**$ 1,850**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Incidental Expenses															
Engineering and Admin.	$ 250	$ 250	$ 1,475	$ 250	$ 250	$ 6	$ 600	$ -	$ 60	$ 6	$ 18	$ 12	$ 6	$ 6	$ 6
SUBTOTAL	**$ 250**	**$ 250**	**$ 1,475**	**$ 250**	**$ 250**	**$ 6**	**$ 600**	**$ -**	**$ 60**	**$ 6**	**$ 18**	**$ 12**	**$ 6**	**$ 6**	**$ 6**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ 2,410**	**$ 2,830**	**$ 12,328**	**$ 3,605**	**$ 2,560**	**$ 1,856**	**$ 600**	**$ -**	**$ 60**	**$ 6**	**$ 18**	**$ 12**	**$ 6**	**$ 6**	**$ 6**
Levy Adjustments															
Fund Collection	$ (1)	$ (4)	$ (8)	$ (4)	$ (6)	$ (261)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BALANCE TO LEVY	**$ (1)**	**$ (4)**	**$ (8)**	**$ (4)**	**$ (6)**	**$ (261)**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Levy															
Non-Adjacent Lots	30	74	7	29	23	31	0	0	0	0	0	0	0	0	0
Adjacent Lots (10%)	8	4	0	9	2	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (20%)	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0
Per Lot City Overhead	0	0	0	0	0	0	0	0	10	1	3	2	1	1	1
TOTAL LOTS	**38**	**78**	**9**	**38**	**25**	**35**	**0**	**0**	**10**	**1**	**3**	**2**	**1**	**1**	**1**
Non-Adjacent Rate per Lot	$ 62.09	$ 36.05	$ 1,310.64	$ 92.57	$ 101.35	$ 44.55	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (10%) per Lot	$ 68.30	$ 39.65	$ -	$ 101.83	$ 111.48	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (20%) per Lot	$ -	$ -	$ 1,572.77	$ -		$ 53.46	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Per Lot City Overhead	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00
TOTAL ASSESSMENT ALLOWABLE	**$ 2,409.10**	**$ 2,826.30**	**$ 12,320.02**	**$ 3,601.00**	**$ 2,554.01**	**$ 1,594.89**	**$ 600.00**	**$ -**	**$ 60.00**	**$ 6.00**	**$ 18.00**	**$ 12.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**
Total # of Parcels	38	78	9	38	25	35	4	4	10	1	3	2	1	1	1
Total Parcels Levied	38	78	9	38	25	35	4	0	3	1	3	2	1	1	1

District Name	Annexation L4-I	Annexation L4-J	Annexation L4-K	Annexation L4-L	Annexation L4-M	Annexation L4-N	Annexation L4-O	Annexation L4-P	Annexation L4-Q	Annexation L4-R	Annexation L4-S	Annexation L4-T	Annexation L4-U	Annexation L4-V	Annexation L4-W
Description	CRA 608	CUP 519	CUP 516	CUP 518	CUP 522	CUP 521	CRA 605	PM 12087	MS 185	CUP 278	CUP 405	CRA 354	CRA 346	CRA 607	Tract 12461
Parcel Numbers	APN 169-142-11	APN 171-331-04	APN 292-166-11	APN 169-053-12	APN 172-031-49	APN 292-034-16	APN 169-182-02, -03, -04	APN 171-261-01	APN 176-044-14 & 15	APN 171-171-34	APN 169-343-07	APN 292-182-30 & 31	APN 292-061-25	APN 292-156-21	APN 1212-191-60 THRU 79
Maintenance															
Contract Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 550
Repair Beyond Contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Water & Electric	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 630
Field Inspections	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,180**
Incidental Expenses															
Engineering and Admin.	$ 6	$ 6	$ 6	$ 6	$ 6	$ 6	$ 18	$ -	$ 6	$ 18	$ 6	$ 12	$ -	$ 6	$ 88
SUBTOTAL	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 18**	**$ -**	**$ 6**	**$ 18**	**$ 6**	**$ 12**	**$ -**	**$ 6**	**$ 88**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 18**	**$ -**	**$ 6**	**$ 18**	**$ 6**	**$ 12**	**$ -**	**$ 6**	**$ 1,268**
Levy Adjustments															
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,148)
General Fund Contribution	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BALANCE TO LEVY	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ (1,148)**
Levy															
Non-Adjacent Lots	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (10%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (20%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Per Lot City Overhead	1	1	1	1	1	1	3	0	1	3	1	2	0	1	20
TOTAL LOTS	**1**	**1**	**1**	**1**	**1**	**1**	**3**	**0**	**1**	**3**	**1**	**2**	**0**	**1**	**20**
Non-Adjacent Rate per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ 1.00	$ -	$ -	$ -	$ -
Adjacent Rate (10%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (20%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Per Lot City Overhead	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00
TOTAL ASSESSMENT ALLOWABLE	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 18.00**	**$ -**	**$ 6.00**	**$ 18.00**	**$ 6.00**	**$ 12.00**	**$ -**	**$ 6.00**	**$ 120.00**
Total # of Parcels	1	1	1	1	1	1	3	1	2	3	1	2	1	1	20
Total Parcels Levied	1	1	1	1	1	1	3	0	1	3	1	2	0	1	20

APPENDIX A
COST TABLE
ENGINEER'S REPORT
LANDSCAPE MAINTENANCE DISTRICT NO. 1, FY 2022-2023

District Name	Annexation L4-X	Annexation L5-A	Annexation L5-B	Annexation L5-C	Annexation L5-D	Annexation L5-E	Annexation L5-F	Annexation L5-G	Annexation L5-H	Annexation L6-A	Annexation L6-B	Annexation L6-C	Annexation L6-D	Annexation L6-E	Annexation L6-F
Description	PM 12022	MS 188	MS 189	Tract 14556	CRA 611	MS 196	MS 195	CRA 615	CRA 536	CRA 517	CRA 628	CRA 624	CRA 305	Tract 13575	CUP 550
Parcel Numbers	APN 169-212-17 THRU 27	APN 292-153-24 THRU 27	APN 292-441-11 THRU 15	APN 176-441-18 THRU 27	0174-241-31	APN 292-331-15 & 16	APN 294-091-47 & 48	APN 292-157-31	APN 292-381-17	APN 169-321-01 & 02	APN 292-310-07	APN 169-281-39	APN 167-271-61	APN 1212-201-01 THRU 27	APN 292-165-15
Maintenance															
Contract Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 550	$ -
Repair Beyond Contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
Water & Electric	$ -	$ -	$ -	$ 180	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 925	$ -
Field Inspections	$ -	$ -	$ -	$ 350	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	$ -	$ -	$ -	$ 200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ 730**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,475**	**$ -**
Incidental Expenses															
Engineering and Admin.	$ 66	$ 24	$ 30	$ 85	$ 12	$ 12	$ 12	$ 6	$ -	$ 12	$ 6	$ 6	$ 6	$ 119	$ 6
SUBTOTAL	**$ 66**	**$ 24**	**$ 30**	**$ 85**	**$ 12**	**$ 12**	**$ 12**	**$ 6**	**$ -**	**$ 12**	**$ 6**	**$ 6**	**$ 6**	**$ 119**	**$ 6**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ 66**	**$ 24**	**$ 30**	**$ 815**	**$ 12**	**$ 12**	**$ 12**	**$ 6**	**$ -**	**$ 12**	**$ 6**	**$ 6**	**$ 6**	**$ 1,594**	**$ 6**
Levy Adjustments															
Fund Collection	$ -	$ -	$ -	$ 0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,432)	$ -
General Fund Contribution	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BALANCE TO LEVY	**$ -**	**$ -**	**$ -**	**$ 0**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ (1,432)**	**$ -**
Levy															
Non-Adjacent Lots	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (10%)	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (20%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Per Lot City Overhead	11	4	5	0	2	2	2	1	0	2	1	1	1	27	1
TOTAL LOTS	**11**	**4**	**5**	**10**	**2**	**2**	**2**	**1**	**0**	**2**	**1**	**1**	**1**	**27**	**1**
Non-Adjacent Rate per Lot	$ -	$ -	$ -	$ 78.37	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (10%) per Lot	$ -	$ -	$ -	$ 86.20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (20%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Per Lot City Overhead	$ 6.00	$ 6.00	$ 6.00	$ -	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00
TOTAL ASSESSMENT ALLOWABLE	**$ 66.00**	**$ 24.00**	**$ 30.00**	**$ 815.02**	**$ 12.00**	**$ 12.00**	**$ 12.00**	**$ 6.00**	**$ -**	**$ 12.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 162.00**	**$ 6.00**
Total # of Parcels	11	4	5	10	2	2	2	1	1	2	1	1	1	27	1
Total Parcels Levied	11	4	5	10	2	2	2	1	0	2	1	1	1	27	1

District Name	Annexation L6-G	Annexation L6-H	Annexation L6-I	Annexation L6-J	Annexation L7-A	Annexation L7-B	Annexation L7-C	Annexation L7-D	Annexation L7-E	Annexation L7-F	Annexation L7-G	Annexation L7-H	Annexation L7-I	Annexation L8-A	Annexation L8-B
Description	CRA 623	CUP 542	Tract 16310	MS 201	MS 213	MS 211	CUP 559	CRA 636	CRA 546	CRA 641	CRA 640	CUP 562	CUP 548	CRA 637	Tract 10179
Parcel Numbers	APN 292-381-08	APN 292-064-13, 17, 21 THRU 27	APN 173-052-31 THRU 42 & APN 173-062-01 THRU 39	APN 171-341-33	APN 172-301-14 THRU 17	APN 292-201-36, 37, 38 changed to 292-201-37, -39, and -40	APN 171-202-30	APN 169-043-14	APN 292-192-11	APN 292-310-36	APN 169-301-08, 10, 11	APN 292-064-17	APN 169-313-16	APN 169-281-23	APN 167-861-37 THRU 54, APN 167-851-39 THRU 56
Maintenance															
Contract Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Repair Beyond Contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water & Electric	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Field Inspections	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Incidental Expenses															
Engineering and Admin.	$ 6	$ 54	$ 300	$ 6	$ 24	$ 18	$ 6	$ 6	$ 6	$ 6	$ 18	$ -	$ 6	$ -	$ 216
SUBTOTAL	**$ 6**	**$ 54**	**$ 300**	**$ 6**	**$ 24**	**$ 18**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 18**	**$ -**	**$ 6**	**$ -**	**$ 216**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ 6**	**$ 54**	**$ 300**	**$ 6**	**$ 24**	**$ 18**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 18**	**$ -**	**$ 6**	**$ -**	**$ 216**
Levy Adjustments															
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BALANCE TO LEVY	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Levy															
Non-Adjacent Lots	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (10%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (20%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Per Lot City Overhead	1	9	50	1	4	3	1	1	1	1	3	0	1	1	36
TOTAL LOTS	**1**	**9**	**50**	**1**	**4**	**3**	**1**	**1**	**1**	**1**	**3**	**0**	**1**	**1**	**36**
Non-Adjacent Rate per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (10%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (20%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Per Lot City Overhead	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ -	$ 6.00
TOTAL ASSESSMENT ALLOWABLE	**$ 6.00**	**$ 54.00**	**$ 300.00**	**$ 6.00**	**$ 24.00**	**$ 18.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 18.00**	**$ -**	**$ 6.00**	**$ -**	**$ 216.00**
Total # of Parcels	1	9	51	1	4	3	1	1	1	1	3	1	1	1	36
Total Parcels Levied	1	9	50	1	4	3	1	1	1	1	3	0	1	0	36

APPENDIX A
COST TABLE
ENGINEER'S REPORT
LANDSCAPE MAINTENANCE DISTRICT NO. 1, FY 2022-2023

District Name	Annexation L8-C	Annexation L8-D	Annexation L8-E	Annexation L9-A	Annexation L9-B	Annexation L10-A	Annexation L10-B	Annexation L10-C	Annexation L10-D	Annexation L10-E	Annexation L10-F	Annexation L10-G	Annexation L10-H	Annexation L11-A
Description	CUP 574	CRA 642	MS 216 B	CRA 648	CUP 581	CRA 658	CRA 639	CRA 652	CUP 602	CUP 590	CUP 577	CUP 541	Tract 14790-1	CRA 664
Parcel Numbers	APN 171-202-33	APN 292-154-12	APN 174-021-41, 42	APN 292-157-16	APN171-203-13	APN 292-202-17 & 18	APN 292-152-39, 32	APN 292-063-45	APN 292-063-48, -52, -53	APN 171-332-30	APN 1212-041-01	APN 174-261-15	Multiple APNs	APN 292-341-24 & 25
Maintenance														
Contract Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Repair Beyond Contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water & Electric	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Field Inspections	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Incidental Expenses														
Engineering and Admin.	$ 6	$ 6	$ 12	$ 6	$ 6	$ 12	$ 6	$ 6	$ -	$ 6	$ 6	$ 6	$ 240	$ 12
SUBTOTAL	**$ 6**	**$ 6**	**$ 12**	**$ 6**	**$ 6**	**$ 12**	**$ 6**	**$ 6**	**$ -**	**$ 6**	**$ 6**	**$ 6**	**$ 240**	**$ 12**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ 6**	**$ 6**	**$ 12**	**$ 6**	**$ 6**	**$ 12**	**$ 6**	**$ 6**	**$ -**	**$ 6**	**$ 6**	**$ 6**	**$ 240**	**$ 12**
Levy Adjustments														
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BALANCE TO LEVY	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Levy														
Non-Adjacent Lots	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (10%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (20%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Per Lot City Overhead	1	1	2	1	1	2	1	1	0	1	1	1	40	2
TOTAL LOTS	**1**	**1**	**2**	**1**	**1**	**2**	**1**	**1**	**0**	**1**	**1**	**1**	**40**	**2**
Non-Adjacent Rate per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (10%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (20%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Per Lot City Overhead	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ -	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00
TOTAL ASSESSMENT ALLOWABLE	**$ 6.00**	**$ 6.00**	**$ 12.00**	**$ 6.00**	**$ 6.00**	**$ 12.00**	**$ 6.00**	**$ 6.00**	**$ -**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 240.00**	**$ 12.00**
Total # of Parcels	1	1	2	1	1	2	2	1	1	1	1	1	40	2
Total Parcels Levied	1	1	2	1	1	2	1	1	0	1	1	1	40	2

District Name	Annexation L11-B	Annexation L11-C	Annexation L12-A	Annexation L12-B	Annexation L12-C	Annexation L12-D	Annexation L12-E	Annexation L12-F	Annexation L12-G	Annexation L12-H	Annexation L12-I	Annexation L12-J
Description	CRA 666	Tract 11535	Tract 7202	Tract 7202	Tract 7202	Tract 7202	Tract 7202	Tract 15589	CUP 620	CUP 617	CRA 668	CRA 670
Parcel Numbers	APN 292-158-15	APN 292-351-08	APN 176-402-09	APN176-402-08	APN 176-402-07	APN 176-402-06	APN 176-402-04	APN 293-421-01 THRU 45	APN 292-251-10	APN292-033-13	APN 292-341-17	APN 292-157-20
Maintenance												
Contract Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Repair Beyond Contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water & Electric	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Field Inspections	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Incidental Expenses												
Engineering and Admin.	$ 6	$ 6	$ 6	$ 6	$ 6	$ 6	$ 6	$ 270	$ 6	$ 6	$ 6	$ 6
SUBTOTAL	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 270**	**$ 6**	**$ 6**	**$ 6**	**$ 6**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 6**	**$ 270**	**$ 6**	**$ 6**	**$ 6**	**$ 6**
Levy Adjustments												
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BALANCE TO LEVY	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Levy												
Non-Adjacent Lots	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (10%)	0	0	0	0	0	0	0	0	0	0	0	0
Adjacent Lots (20%)	0	0	0	0	0	0	0	0	0	0	0	0
Per Lot City Overhead	1	1	1	1	1	1	1	45	1	1	1	1
TOTAL LOTS	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**45**	**1**	**1**	**1**	**1**
Non-Adjacent Rate per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (10%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adjacent Rate (20%) per Lot	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Per Lot City Overhead	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00	$ 6.00
TOTAL ASSESSMENT ALLOWABLE	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 270.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**	**$ 6.00**
Total # of Parcels	1	1	1	1	1	1	1	45	1	1	1	1
Total Parcels Levied	1	1	1	1	1	1	1	45	1	1	1	1

APPENDIX A
COST TABLE
ENGINEER'S REPORT
LANDSCAPE MAINTENANCE DISTRICT NO. 1, FY 2022-2023

District Name	Annexation L12-K	Annexation L12-L	Annexation L12-M	TOTALS
Description	MS 235	MS 221	CRA 661	
Parcel Numbers	Multiple APNs	APN 174-281-33, -34, -35, -37	APN 171-161-18	
Maintenance				
Contract Maintenance	$ -	$ -	$ -	**$ 11,273**
Repair Beyond Contract	$ -	$ -	$ -	**$ -**
Water & Electric	$ -	$ -	$ -	**$ 12,170**
Field Inspections	$ -	$ -	$ -	**$ 2,600**
Supplies	$ -	$ -	$ -	**$ 450**
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ 26,493**
Incidental Expenses				
Engineering and Admin.	$ -	$ 24	$ 6	**$ 5,155**
SUBTOTAL	**$ -**	**$ 24**	**$ 6**	**$ 5,155**
TOTAL MAINTENANCE & INCIDENTAL COSTS	**$ -**	**$ 24**	**$ 6**	**$ 31,648**
Levy Adjustments				
Fund Collection	$ -	$ -	$ -	**$ (2,864)**
General Fund Contribution	$ -	$ -	$ -	**$ -**
BALANCE TO LEVY	**$ -**	**$ -**	**$ -**	**$ (2,864)**
Levy				
Non-Adjacent Lots	0	0	0	**200**
Adjacent Lots (10%)	0	0	0	**27**
Adjacent Lots (20%)	0	0	0	**6**
Per Lot City Overhead	0	4	1	**345**
TOTAL LOTS	**0**	**4**	**1**	
Non-Adjacent Rate per Lot	$ -	$ -	$ -	
Adjacent Rate (10%) per Lot	$ -	$ -	$ -	
Adjacent Rate (20%) per Lot	$ -			
Per Lot City Overhead	$ 6.00	$ 6.00	$ 6.00	
TOTAL ASSESSMENT ALLOWABLE	**$ -**	**$ 24.00**	**$ 6.00**	**$ 28,784.34**
Total # of Parcels	21	4	1	**615**
Total Parcels Levied	0	4	1	**574**

APPENDIX B

DISTRICT DIAGRAM

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CITY OF REDLANDS
LANDSCAPE MAINTENANCE DISTRICT NO. 1

APPENDIX B - ASSESSMENT DIAGRAMS

Abbreviations

APN – Assessor's Parcel Number

CRA – Commission Review and Approval

CUP – Conditional Use Permit

MS – Minor Subdivision

PM – Parcel Map

TM – Tract Map

General comments

Each annexation has its own diagram.

North is up unless notated otherwise.

The assessor's parcel numbers are shown as a 9 digit number.

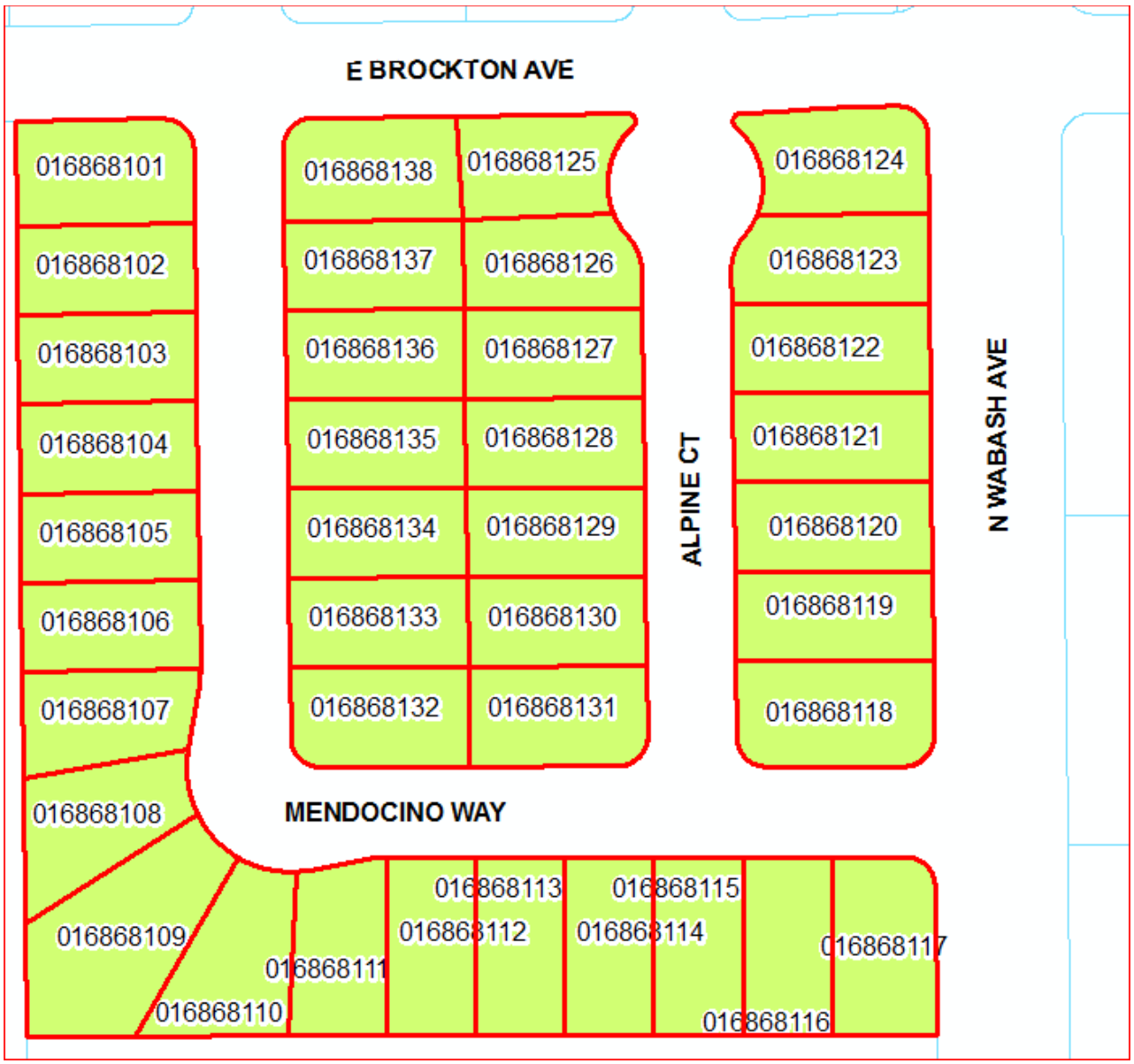
A dark red line delineates the boundary of each annexation.

A shaded background is typically used to indicate parcels within the Landscape Maintenance District.

Annexation #s

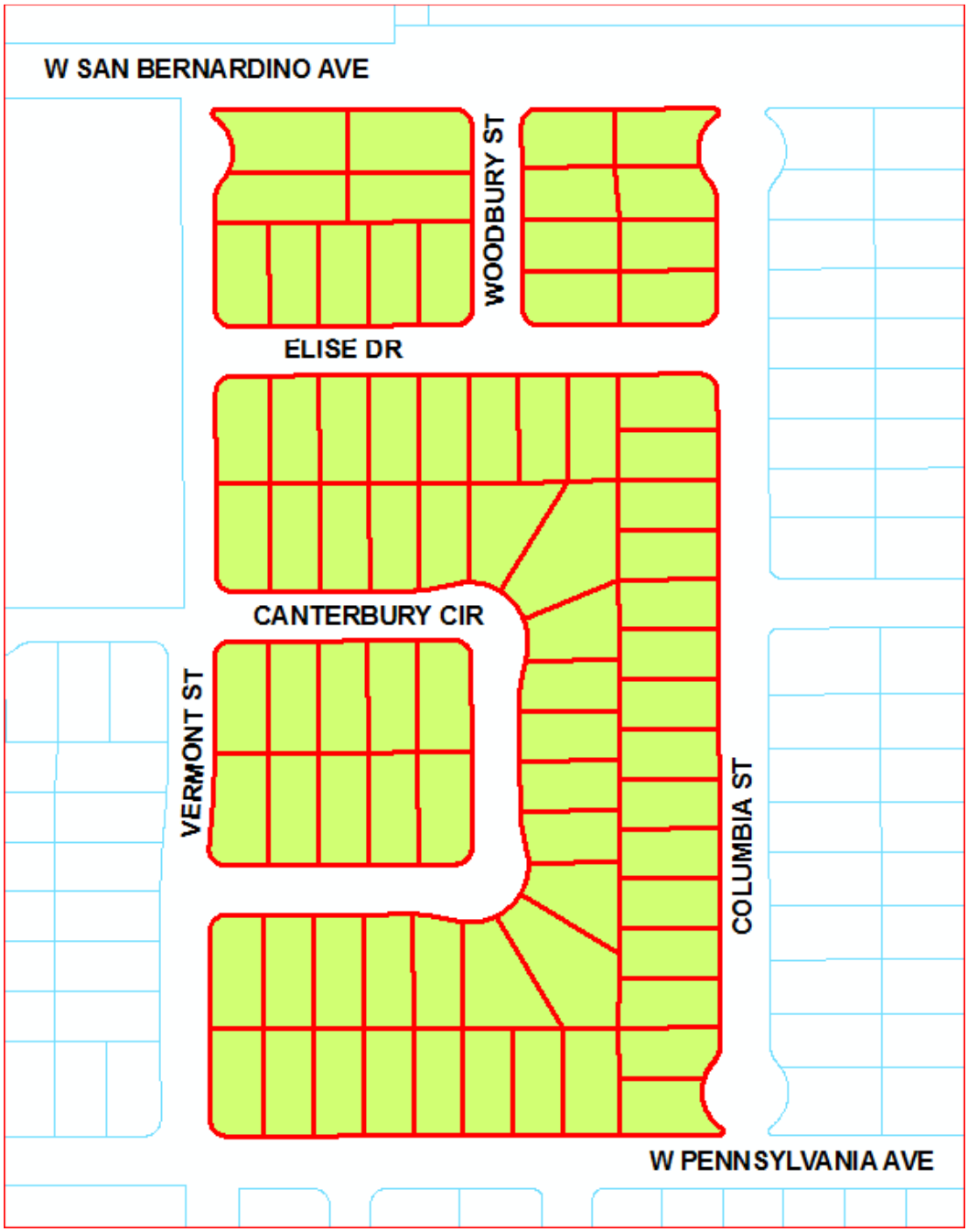
Original District A thru C
L1-A thru L1-B
L2-A
L3-A
L4-A thru L4-X
L5-A thru L5-H
L6-A thru L6-J
L7-A thru L7-I
L8-A thru L8-E
L9-A thru L9-B
L10-A thru L10-H
L11-A thru L11-C
L12-A thru L12-M

Initial District - A



Tract Map 13282

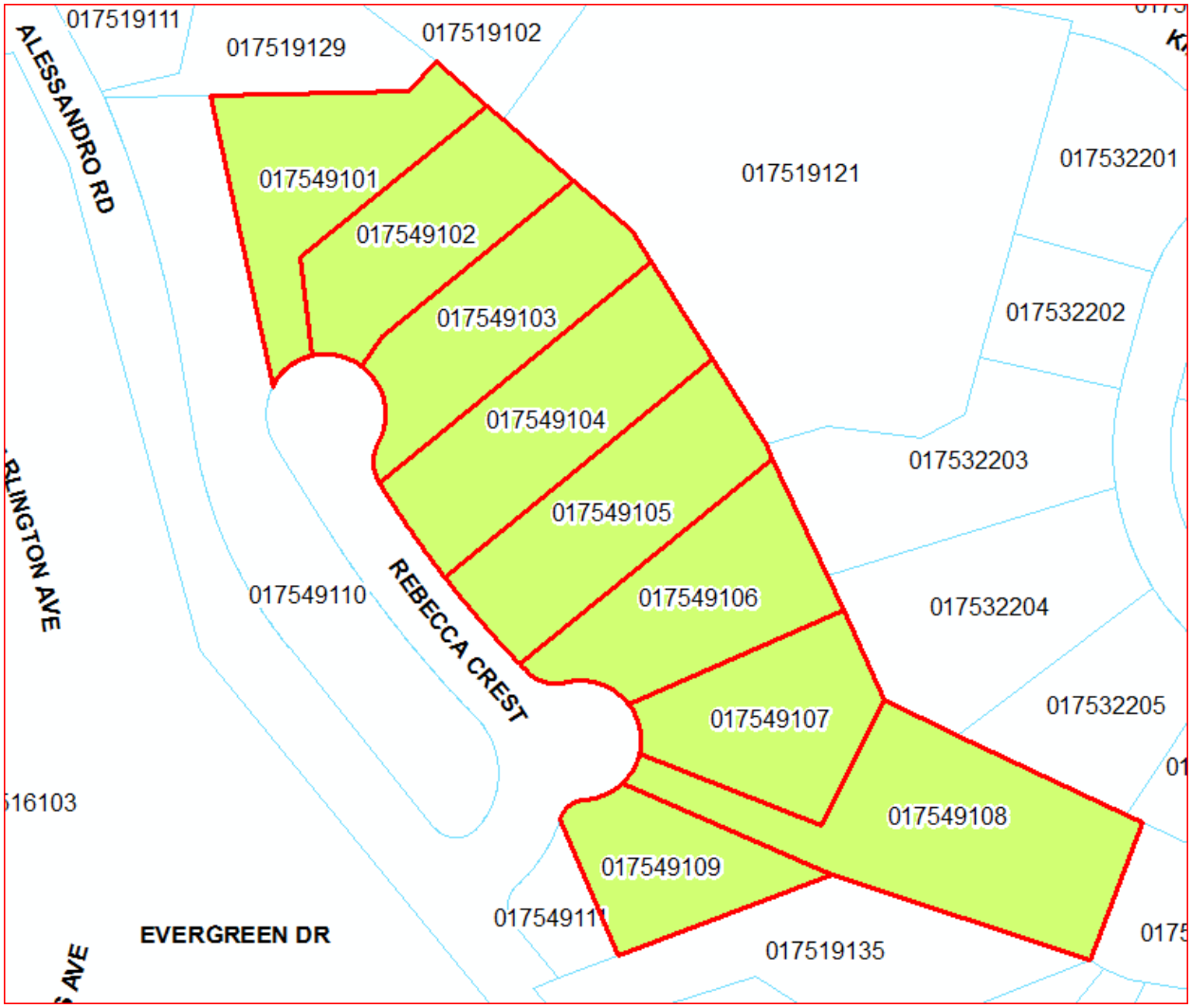
Initial District - B



Tract 13434

APN 167-802-01 thru 08, APN 167-803-01 thru -09, APN 167-804-01 thru -19, APN 167-823-01 thru 10, APN 167-824-01 thru -32,

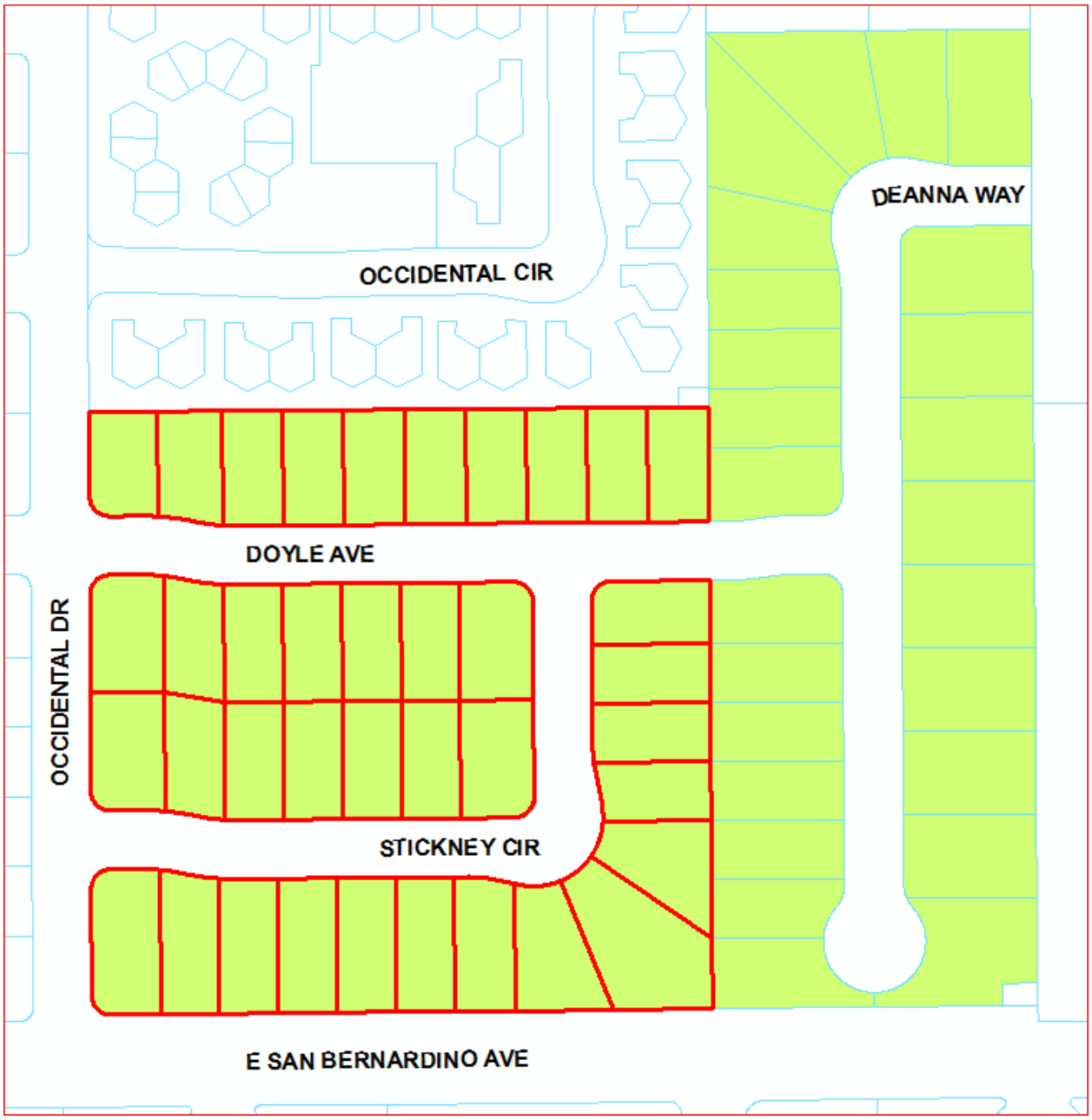
Initial District - C



Tract Map 13496

APN 0175-491-01 thru -09

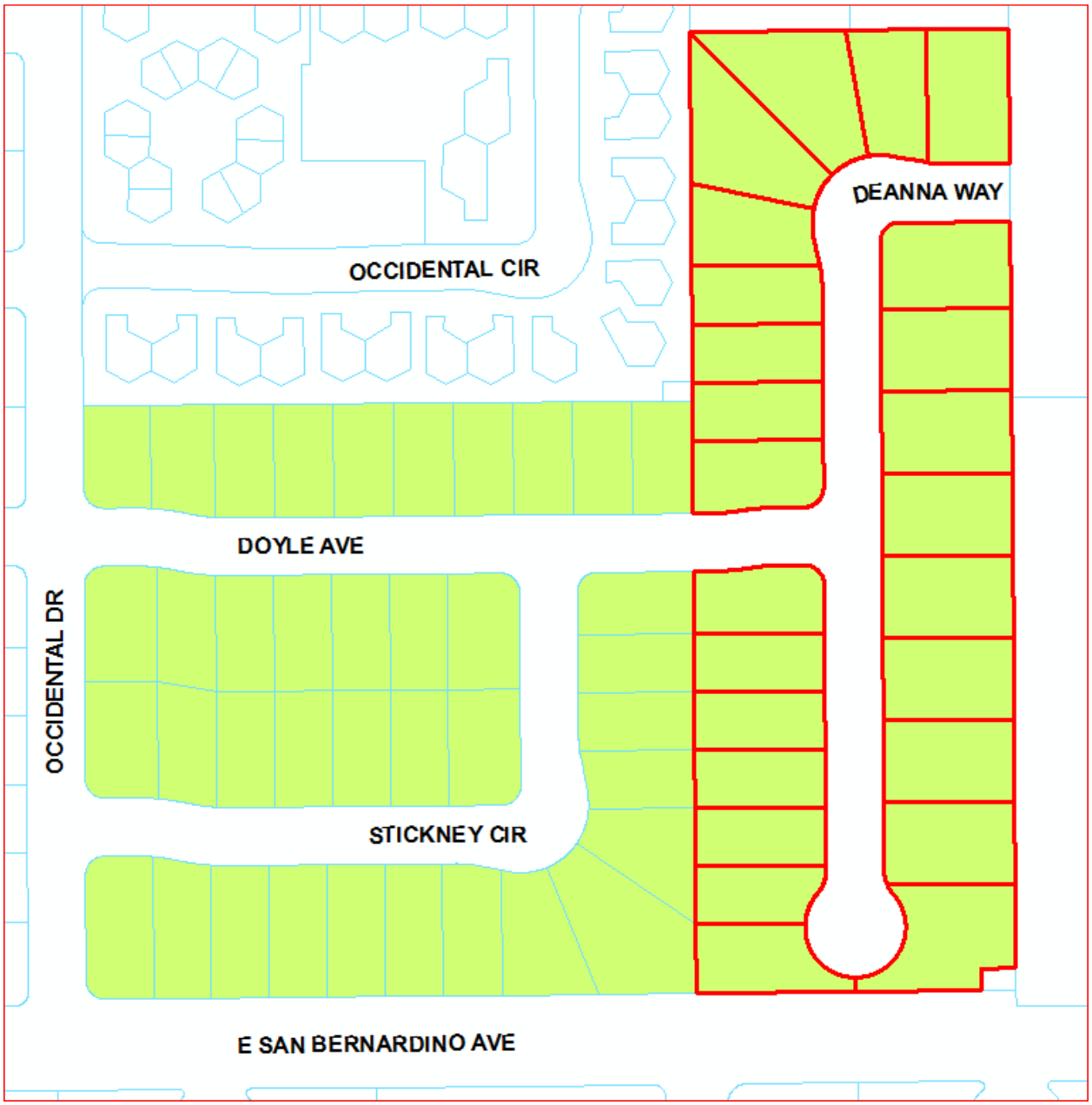
Annexation L1-A



Tract 13745

APN 1212-141-01 thru -38

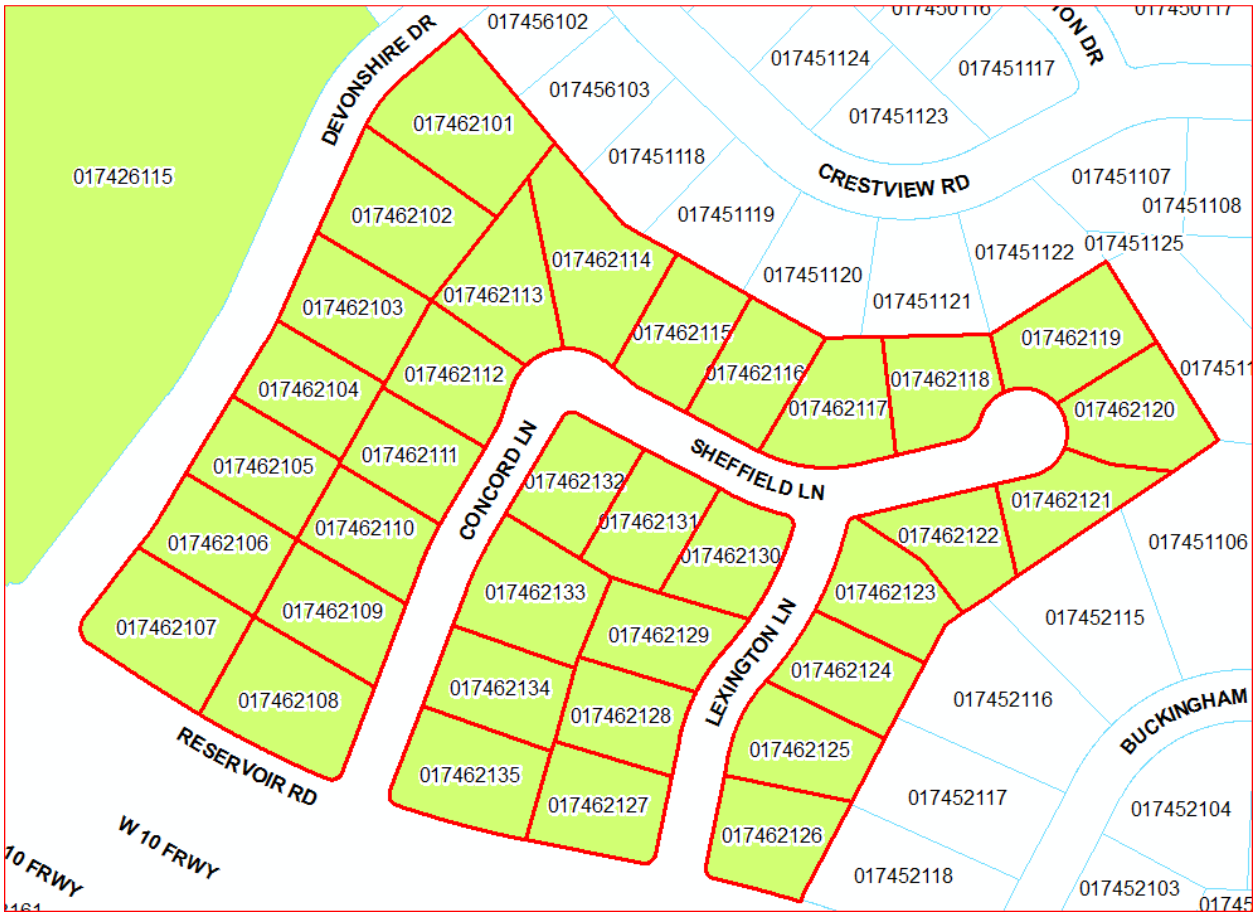
Annexation L1-B



Tract 13765

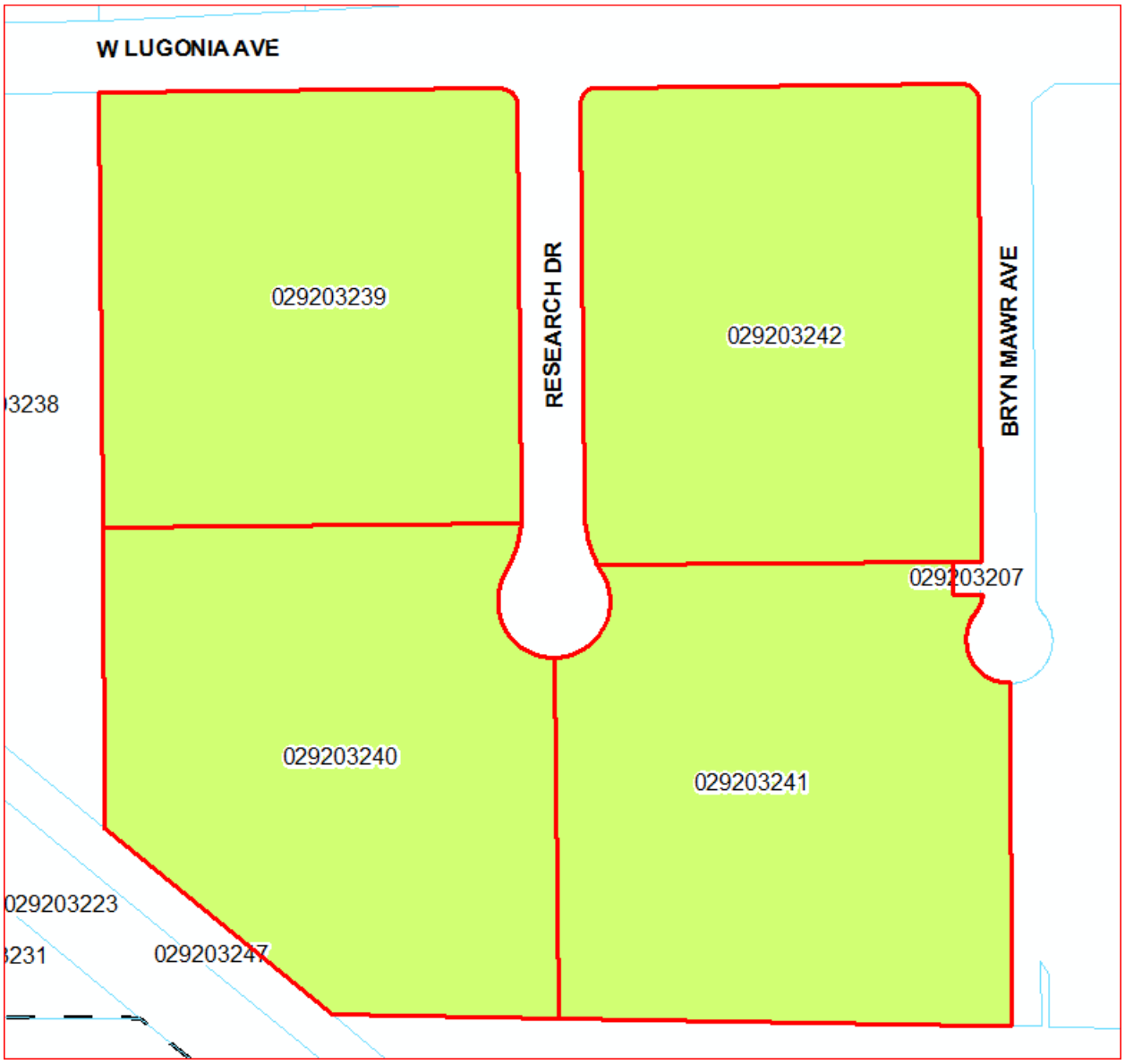
APN 1212-081-54 thru -62 and APN 1212-141-39 and -54

Annexation L2-A



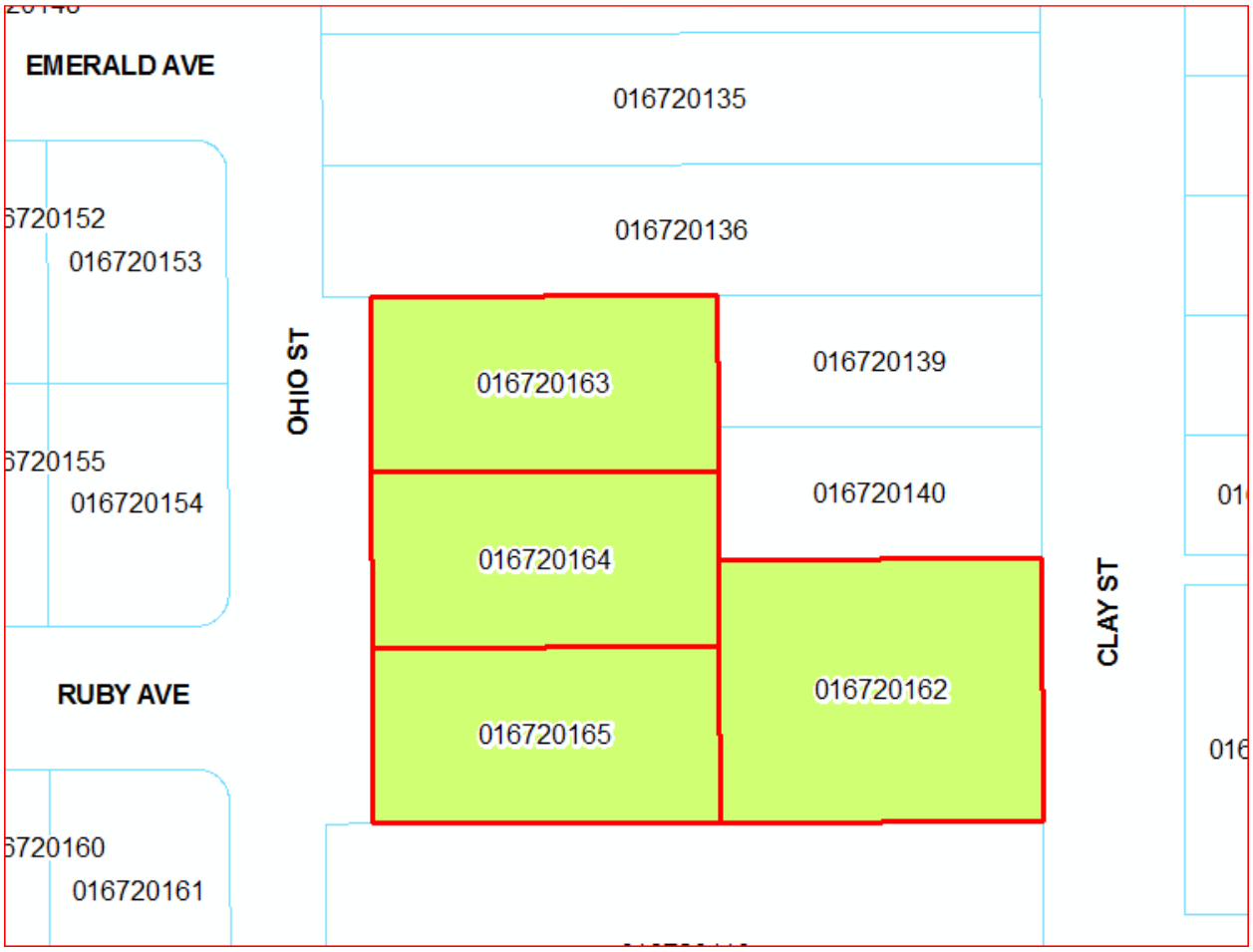
Tract 13947

Annexation L3-A



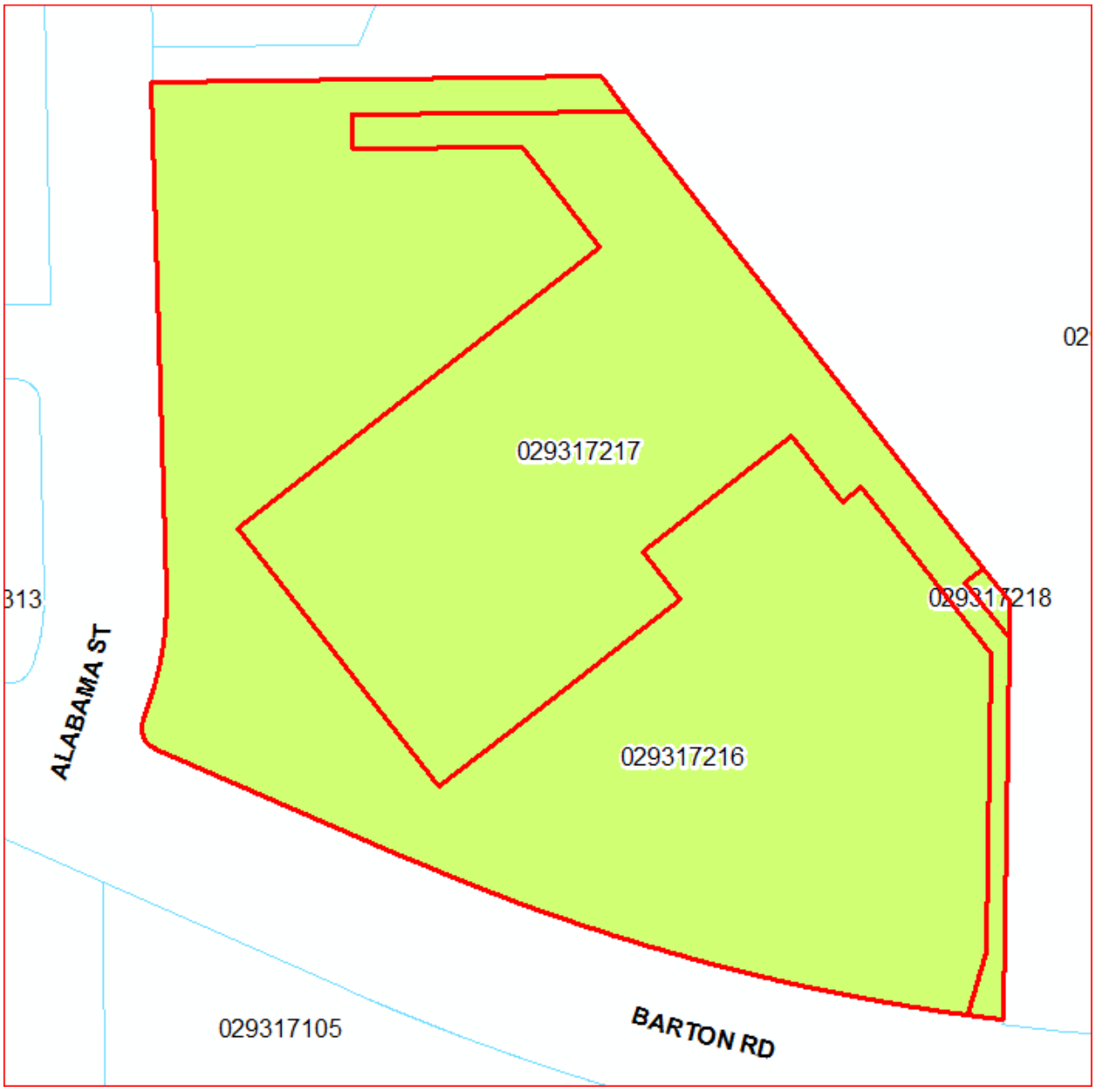
Parcel Map 11917

Annexation L4-A



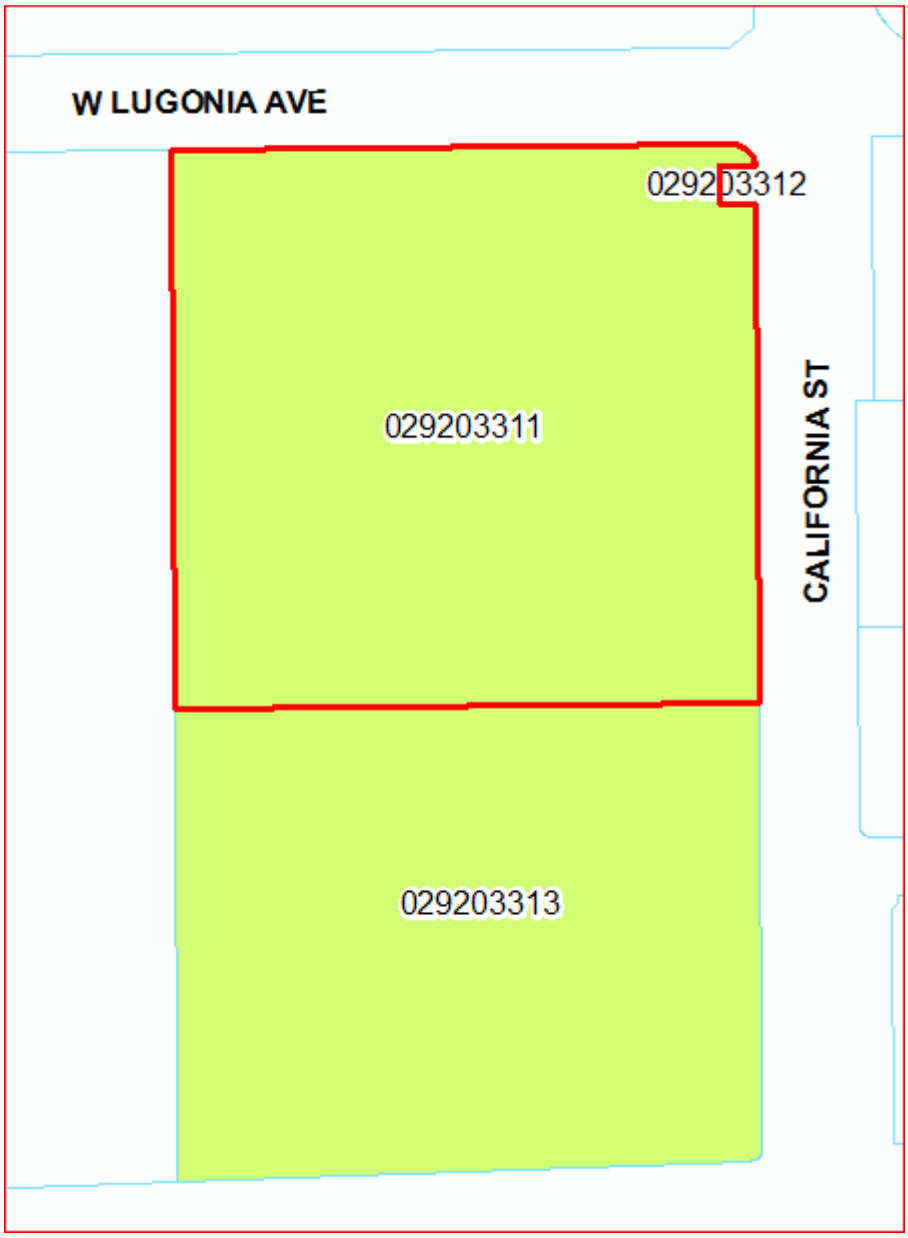
Parcel Map 12450

Annexation L4-B



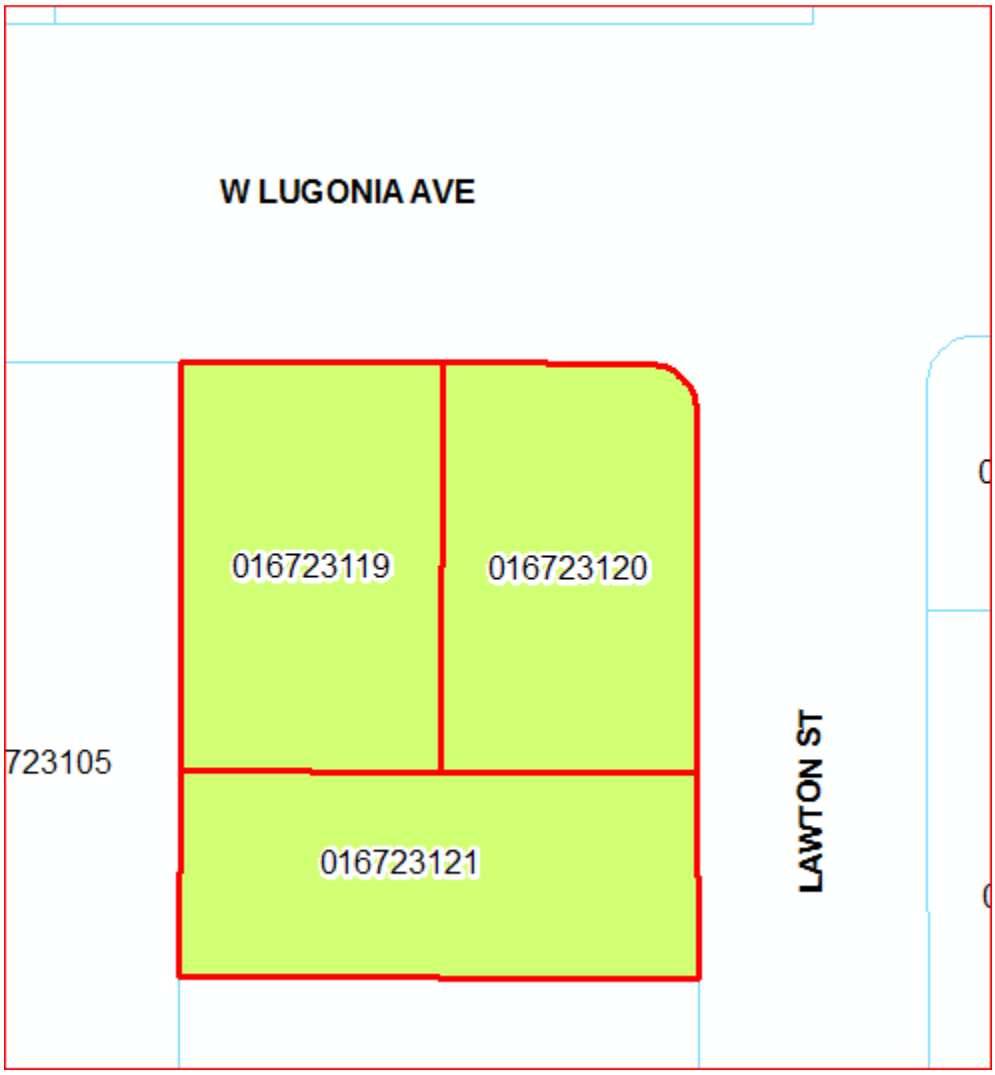
Parcel Map 11755

Annexation L4-C



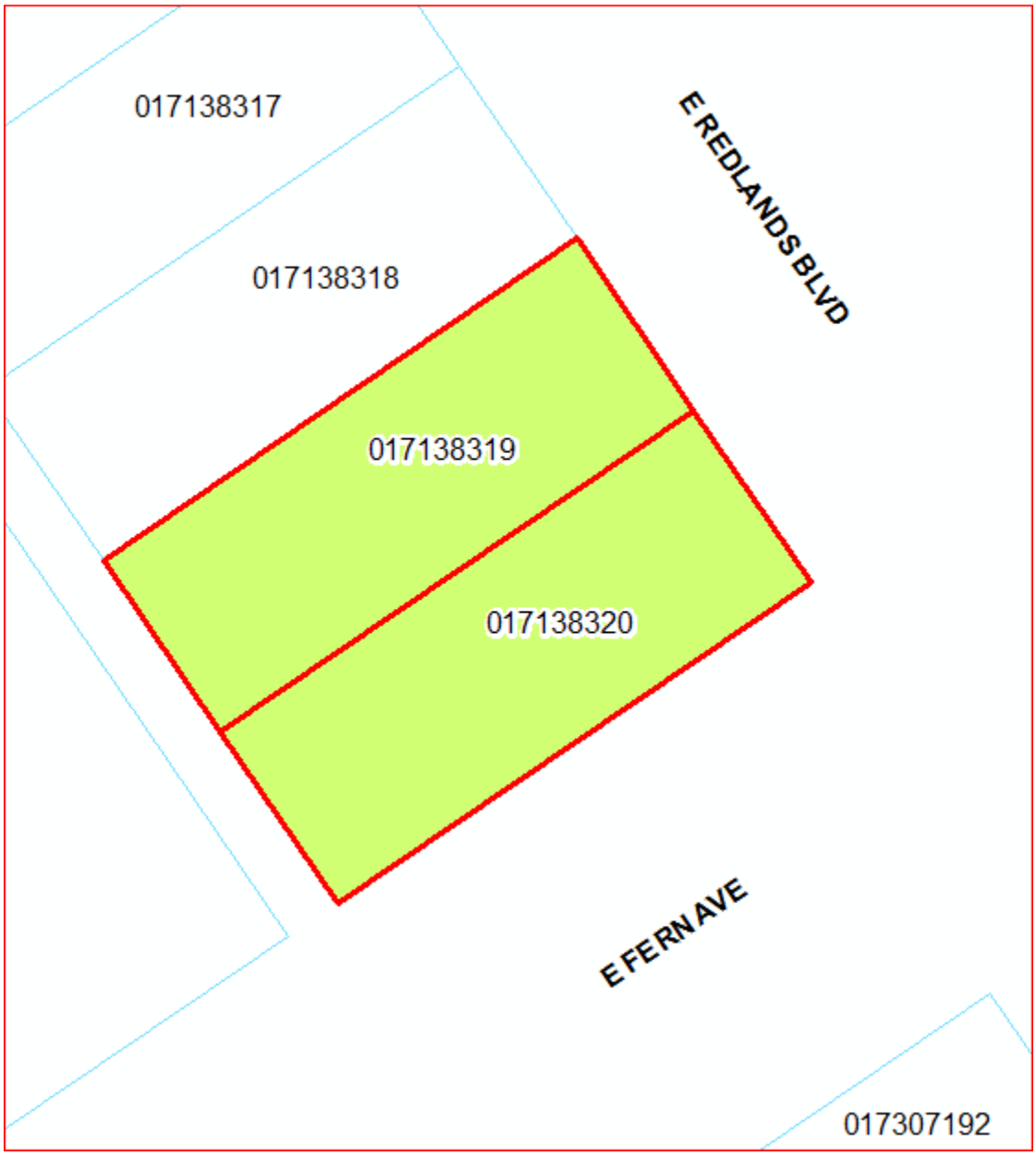
CUP 617

Annexation L4-D



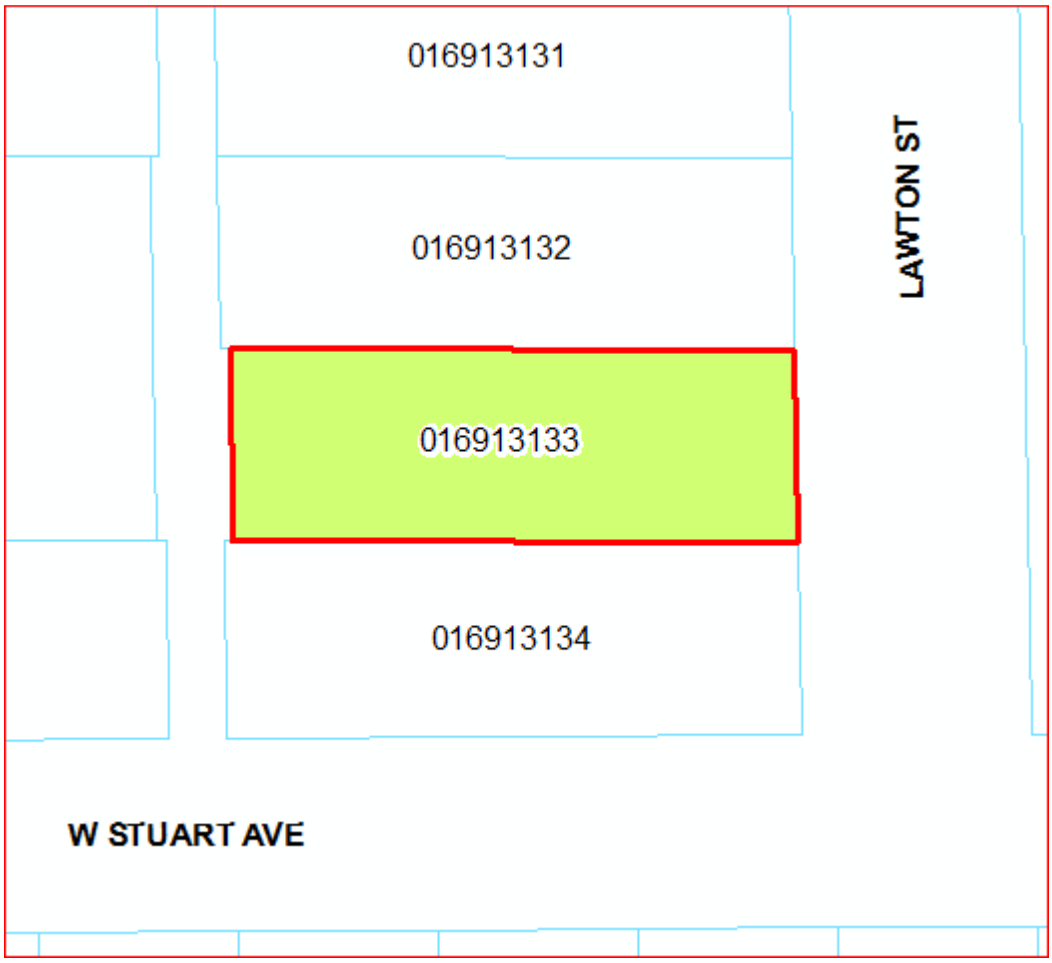
Parcel Map 12300

Annexation L4-E



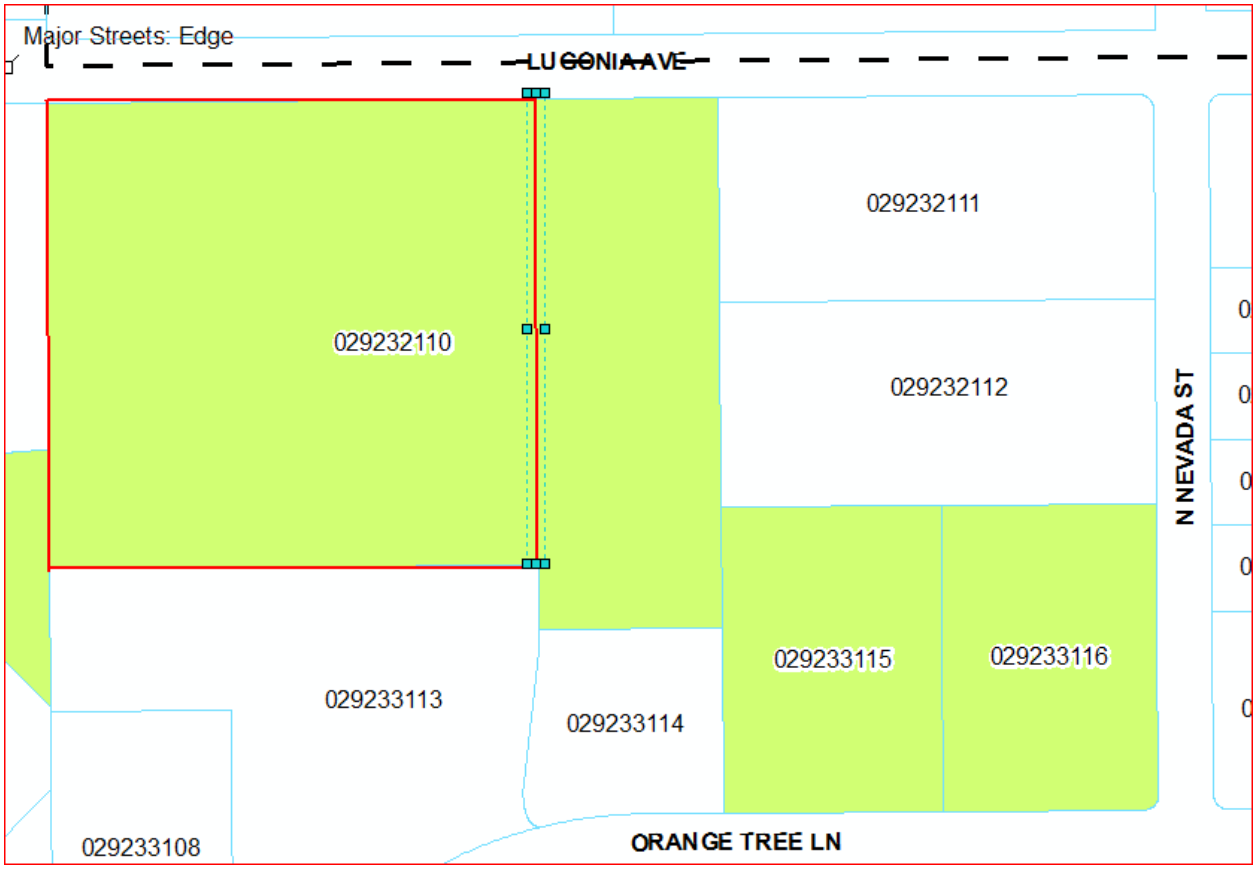
CUP 382

Annexation L4-F



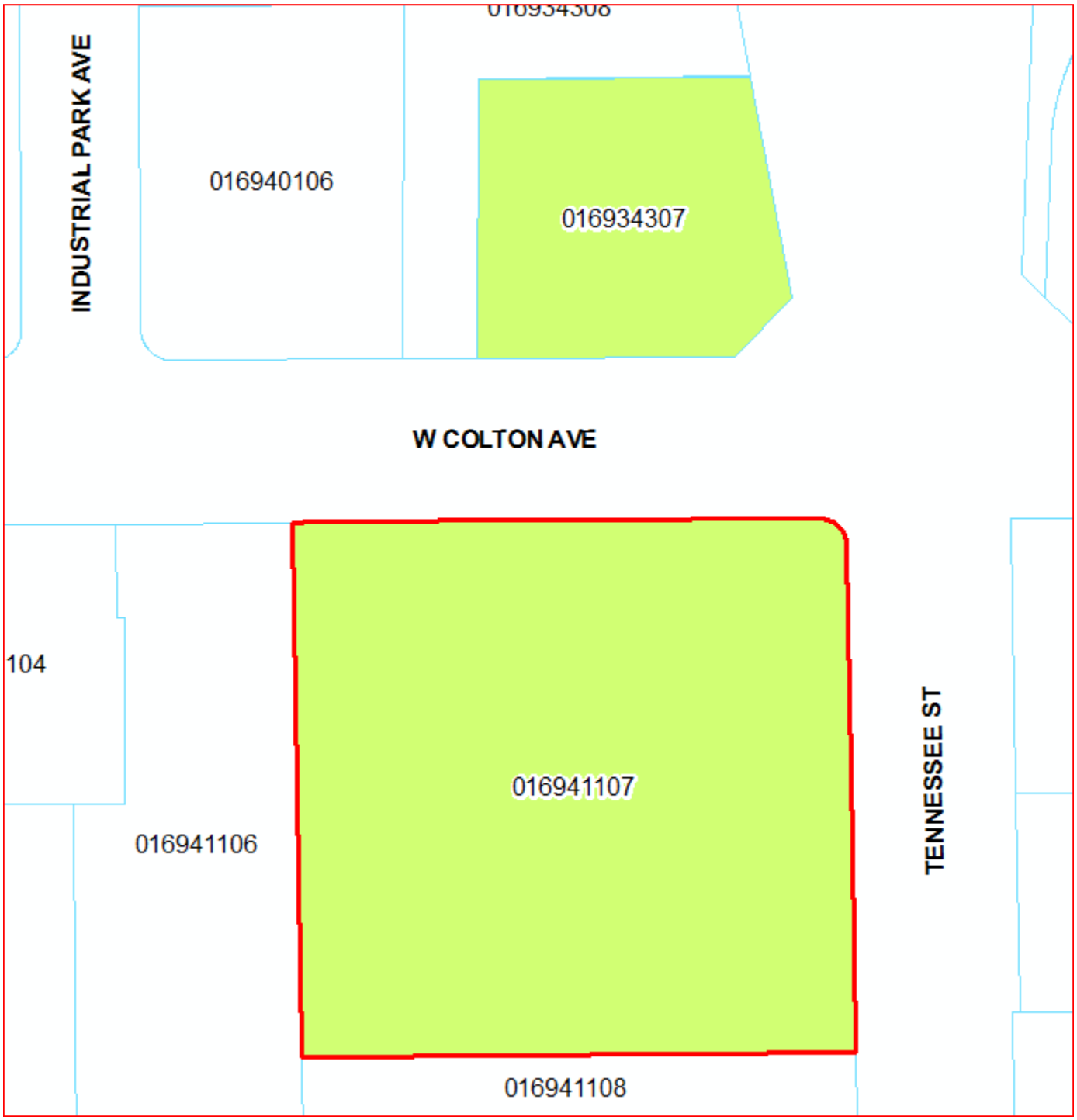
CRA 606

Annexation L4-G



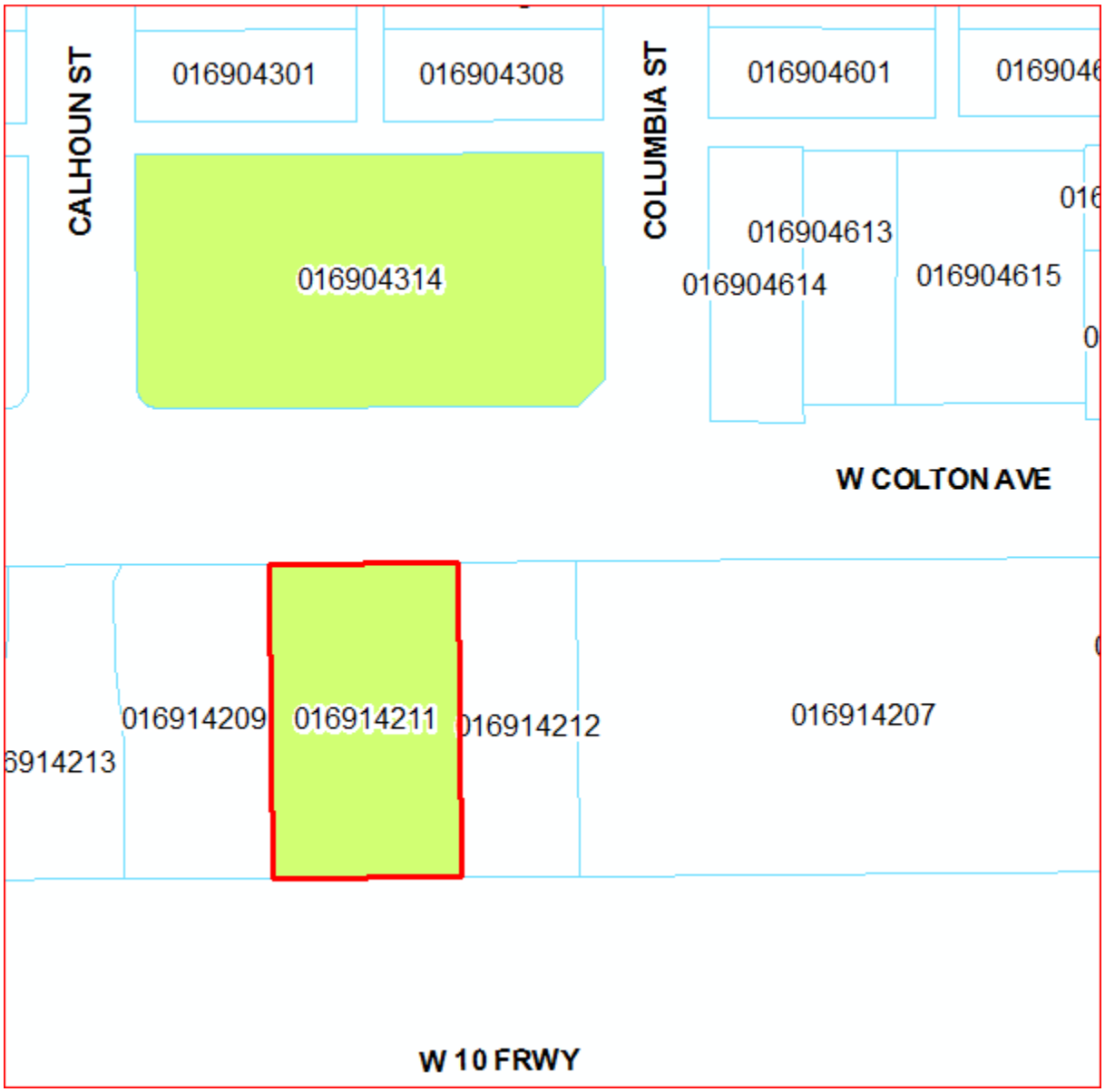
CRA 486

Annexation L4-H



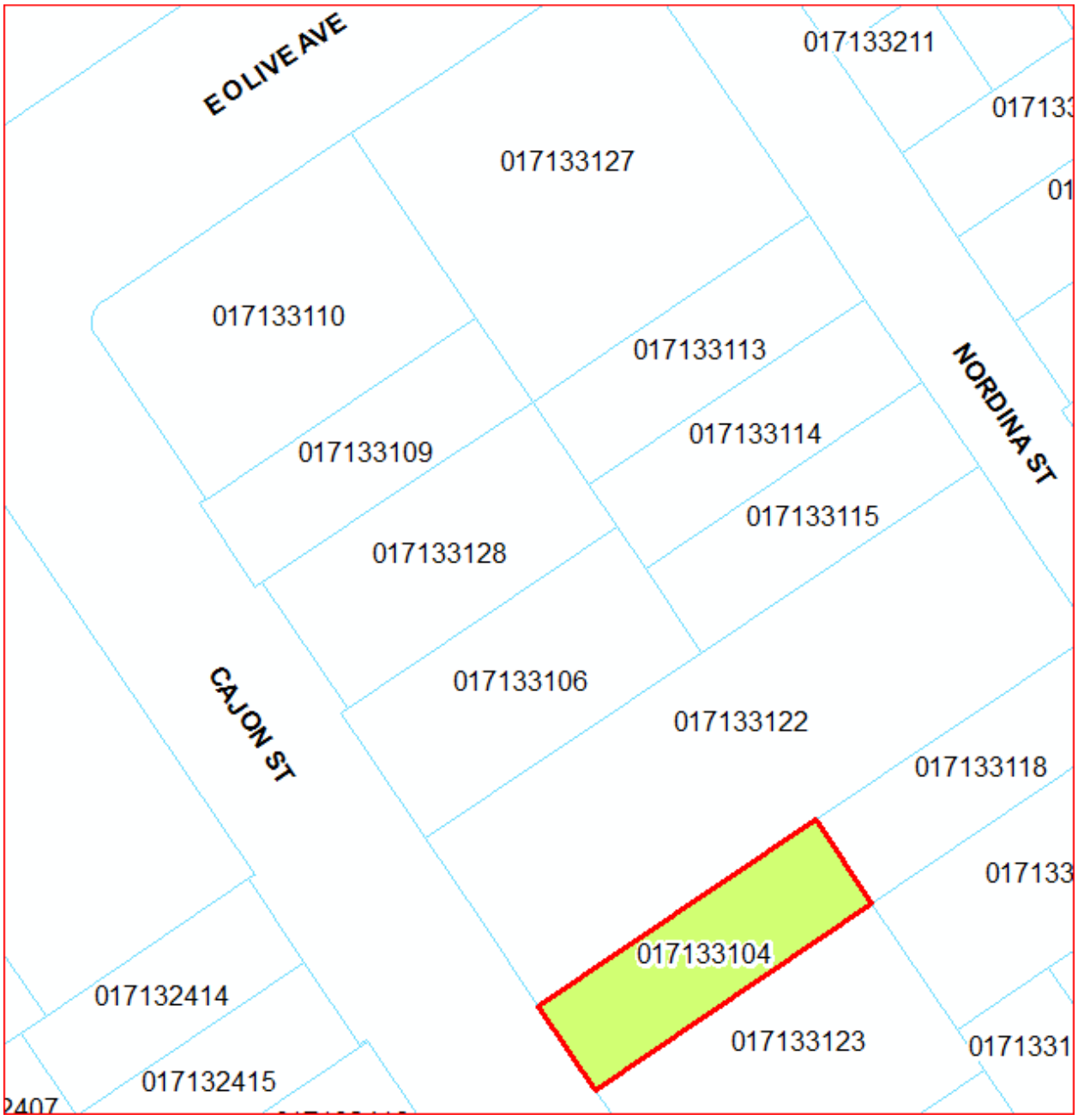
CUP 253

Annexation L4-I



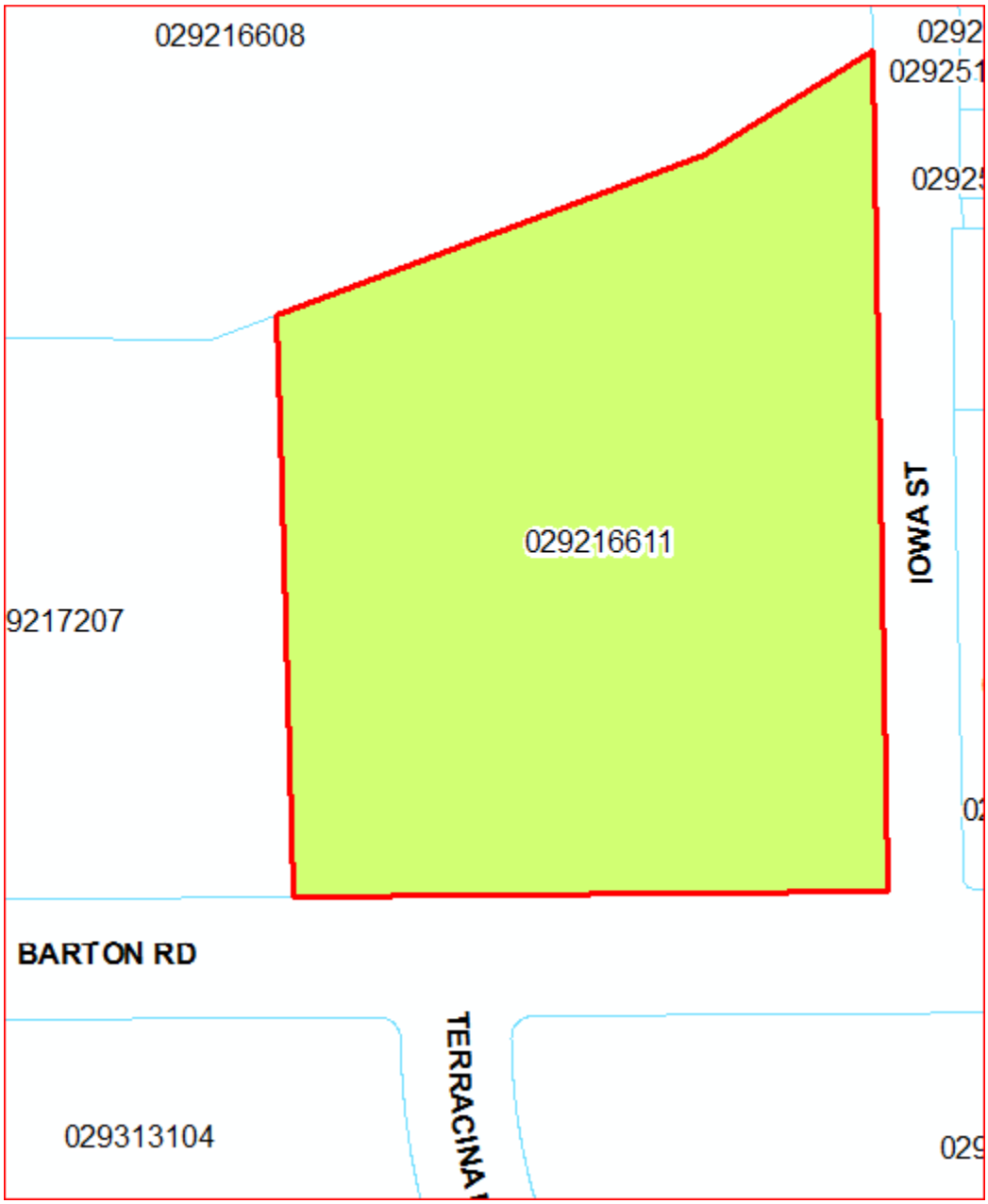
CRA 808

Annexation L4-J



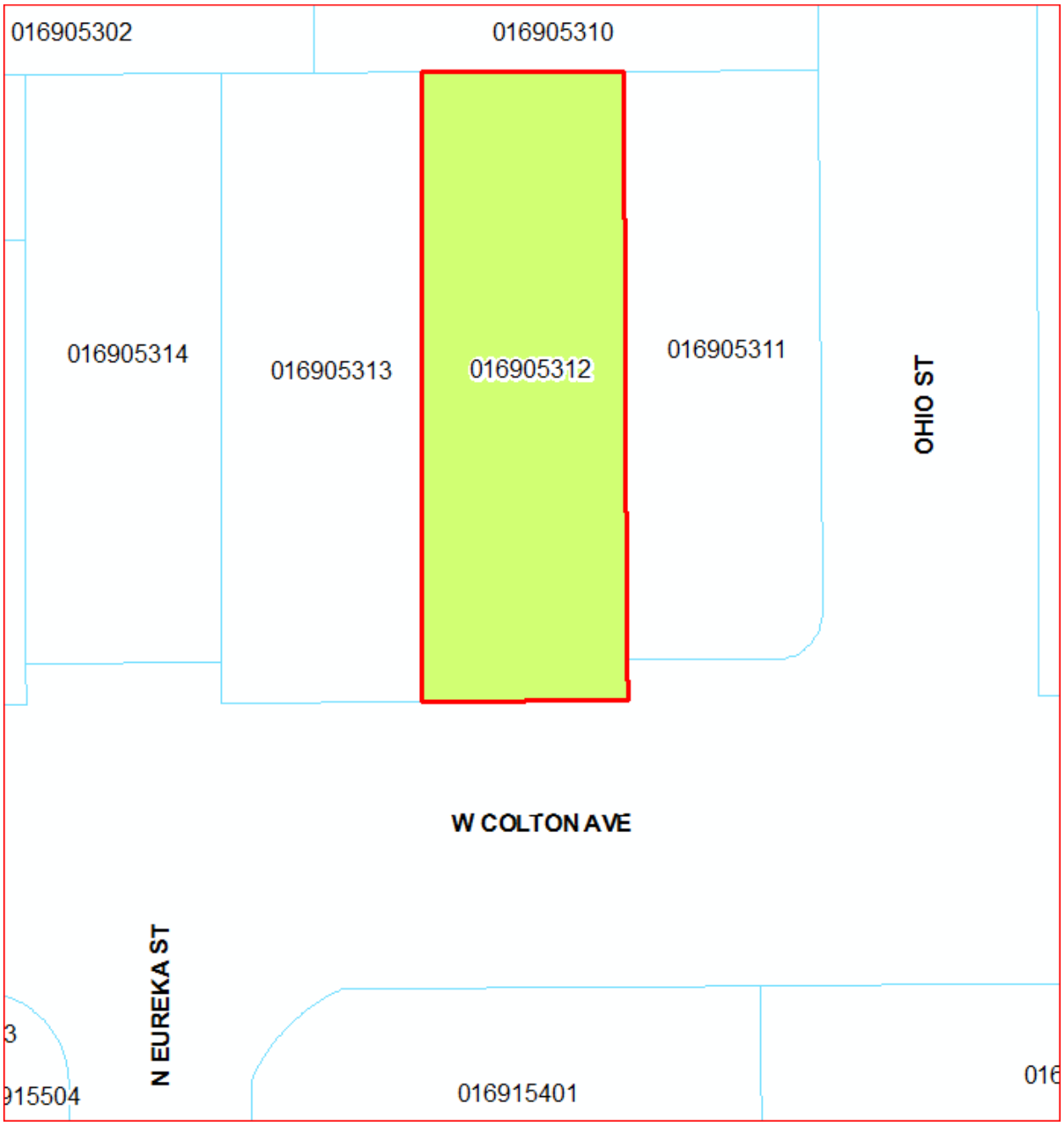
CUP 519

Annexation L4-K



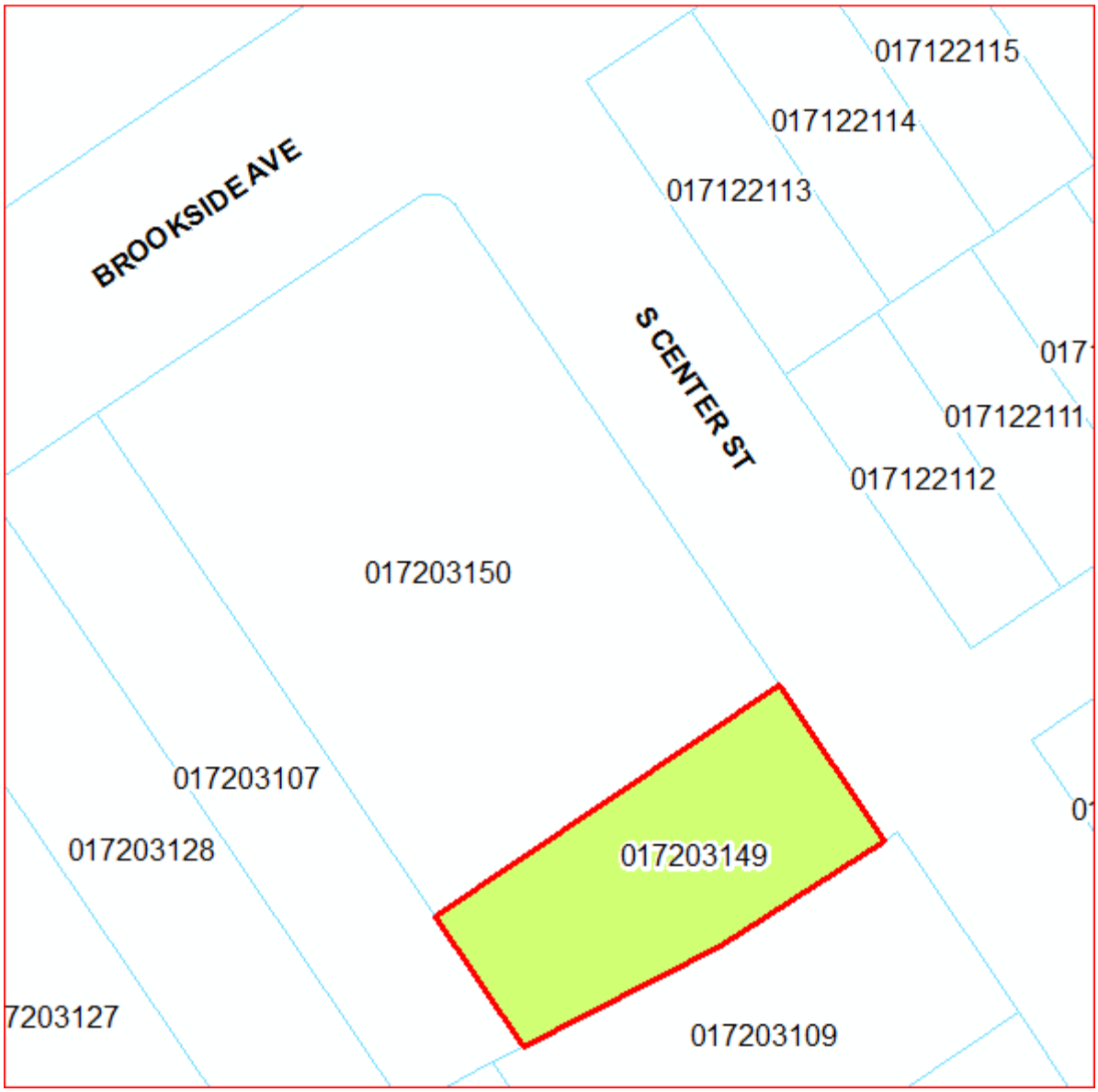
CUP 516

Annexation L4-L



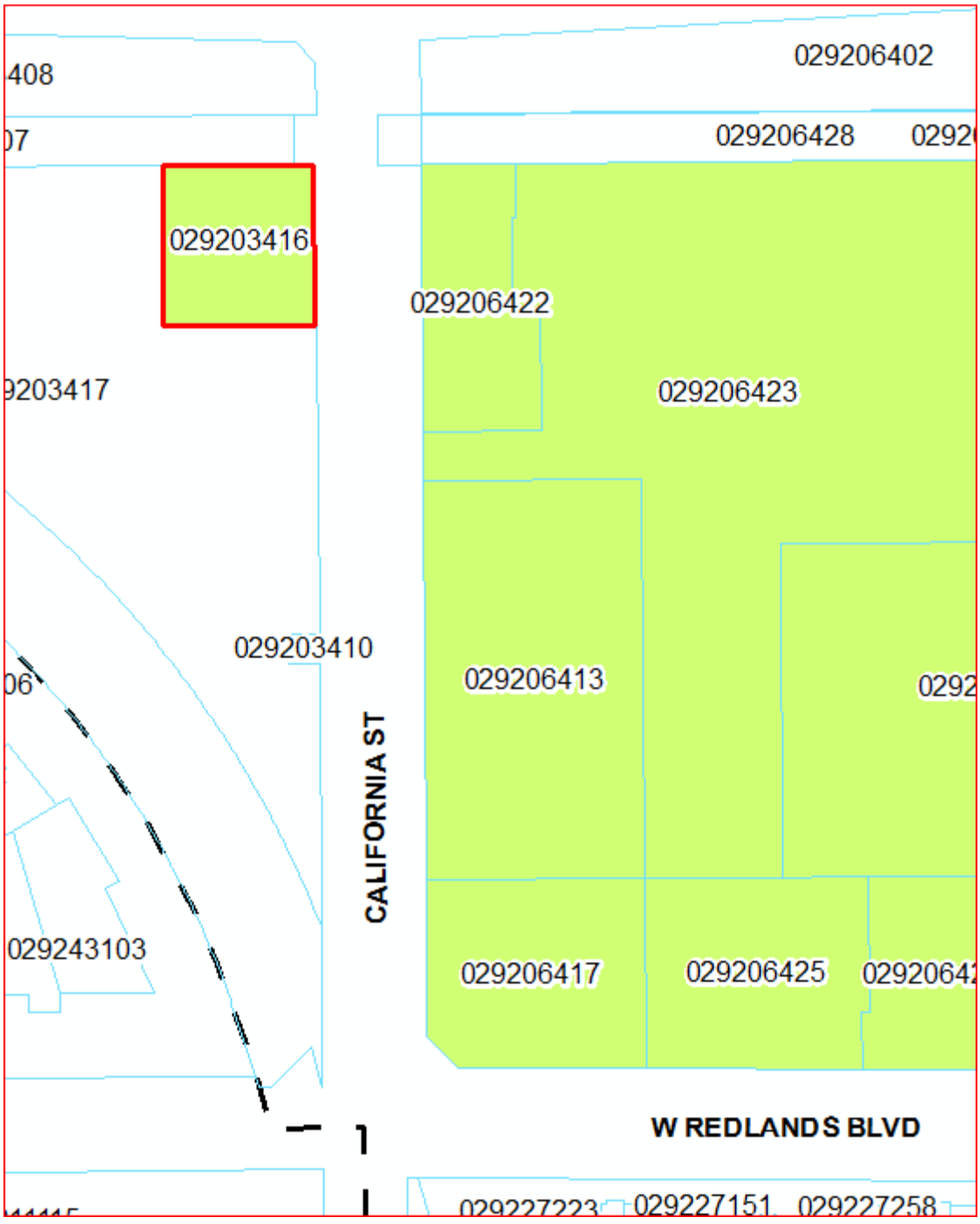
CUP 518

Annexation L4-M



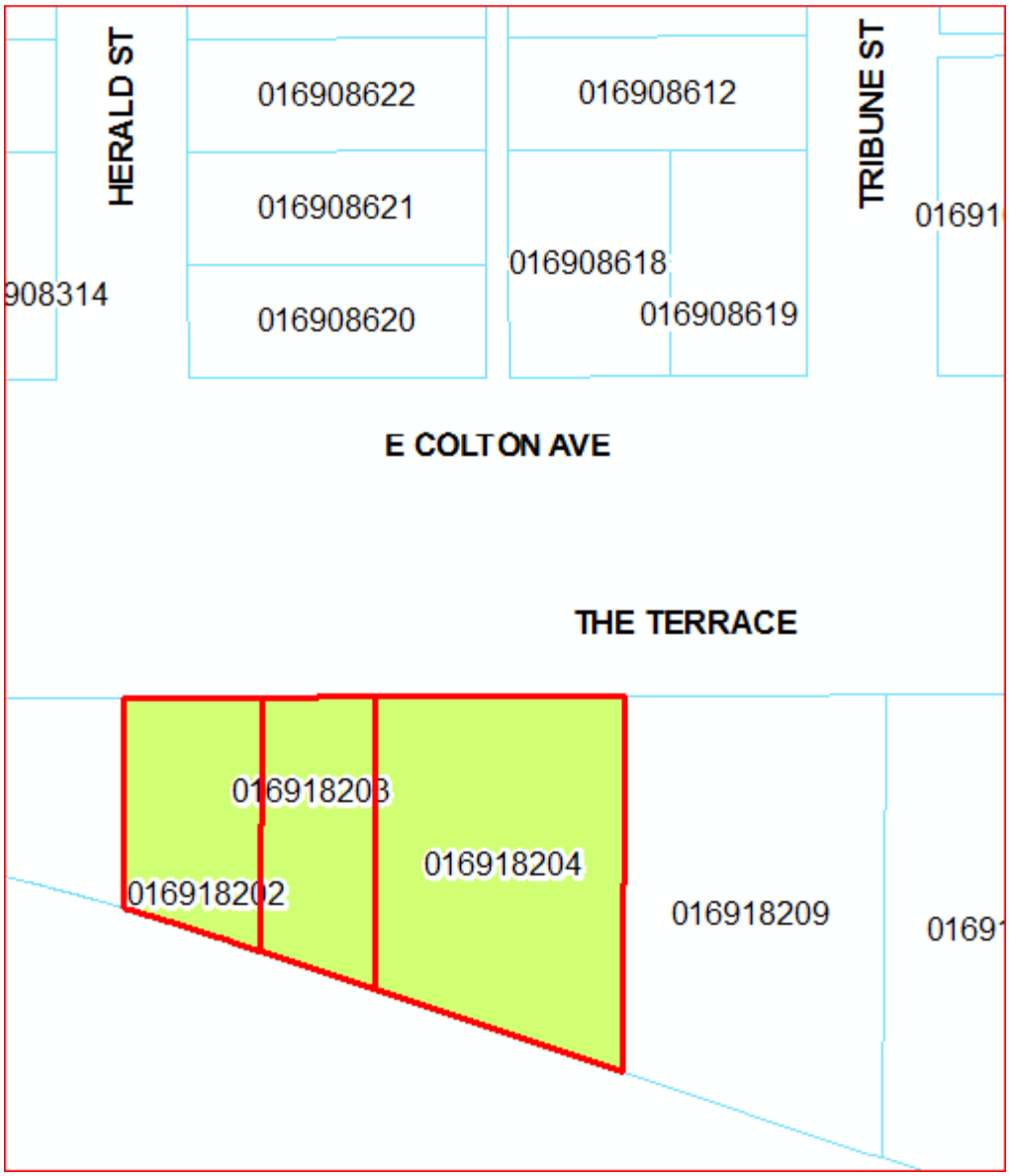
CUP 522

Annexation L4-N



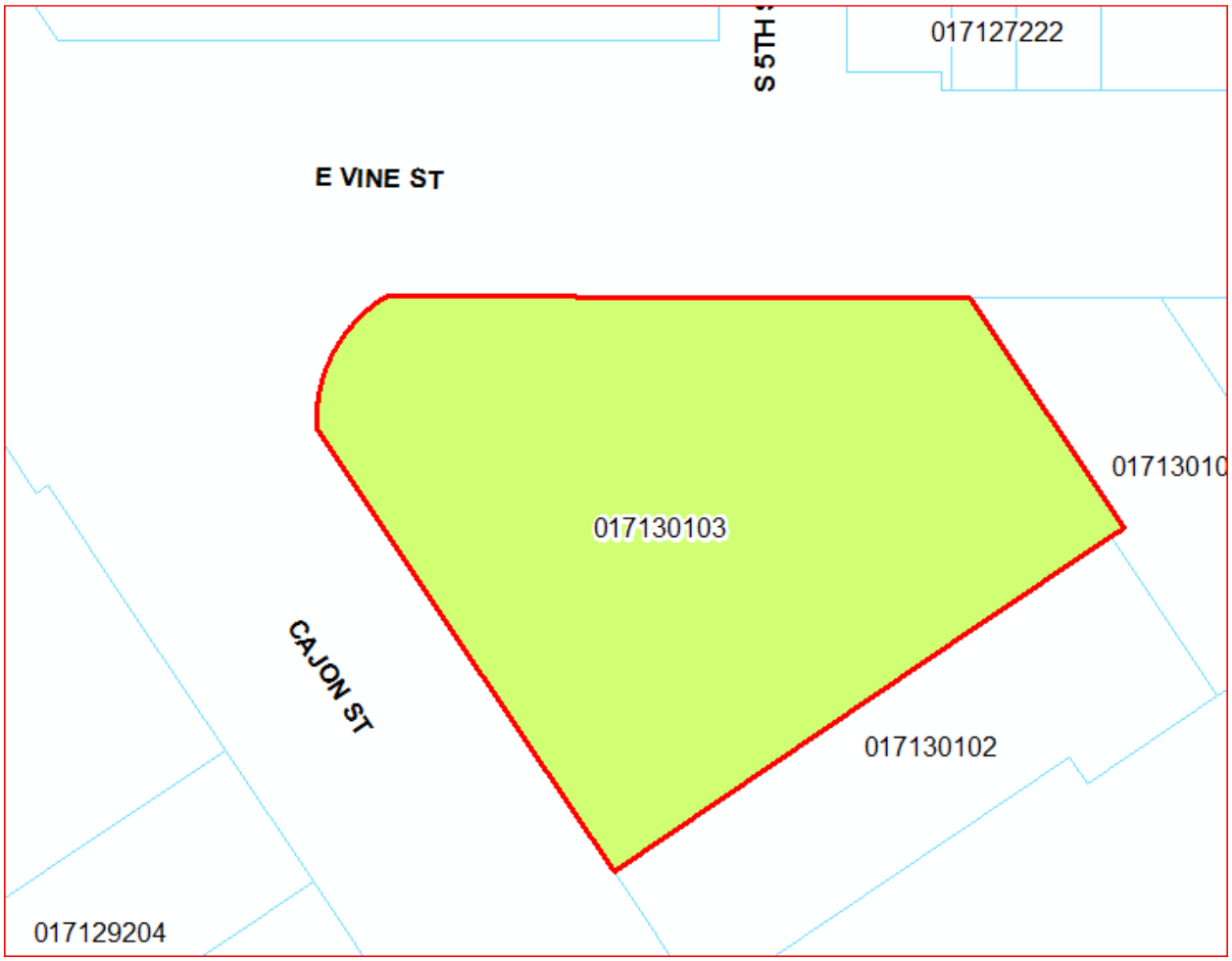
CUP 521

Annexation L4-O



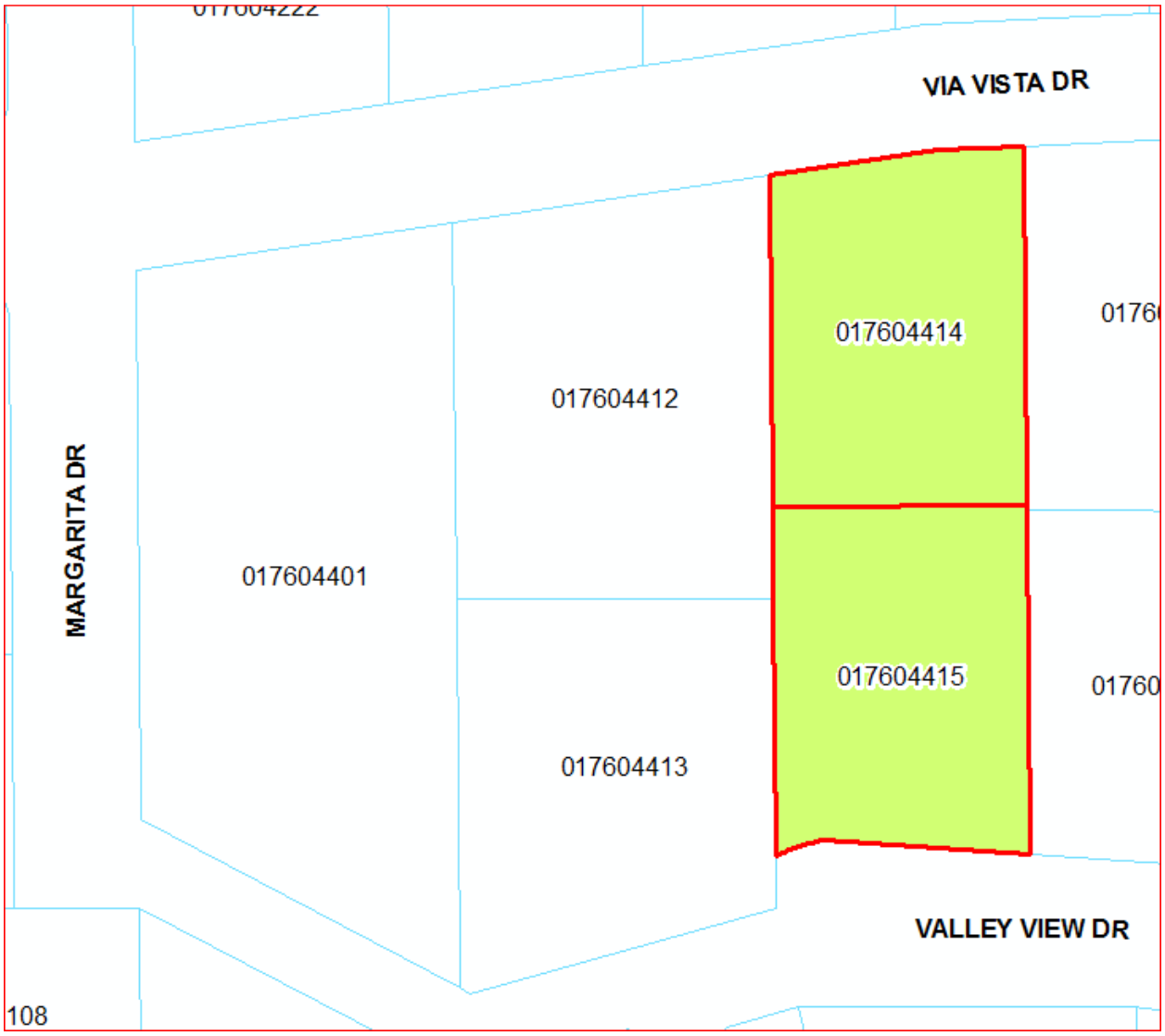
CRA 805

Annexation L4-P



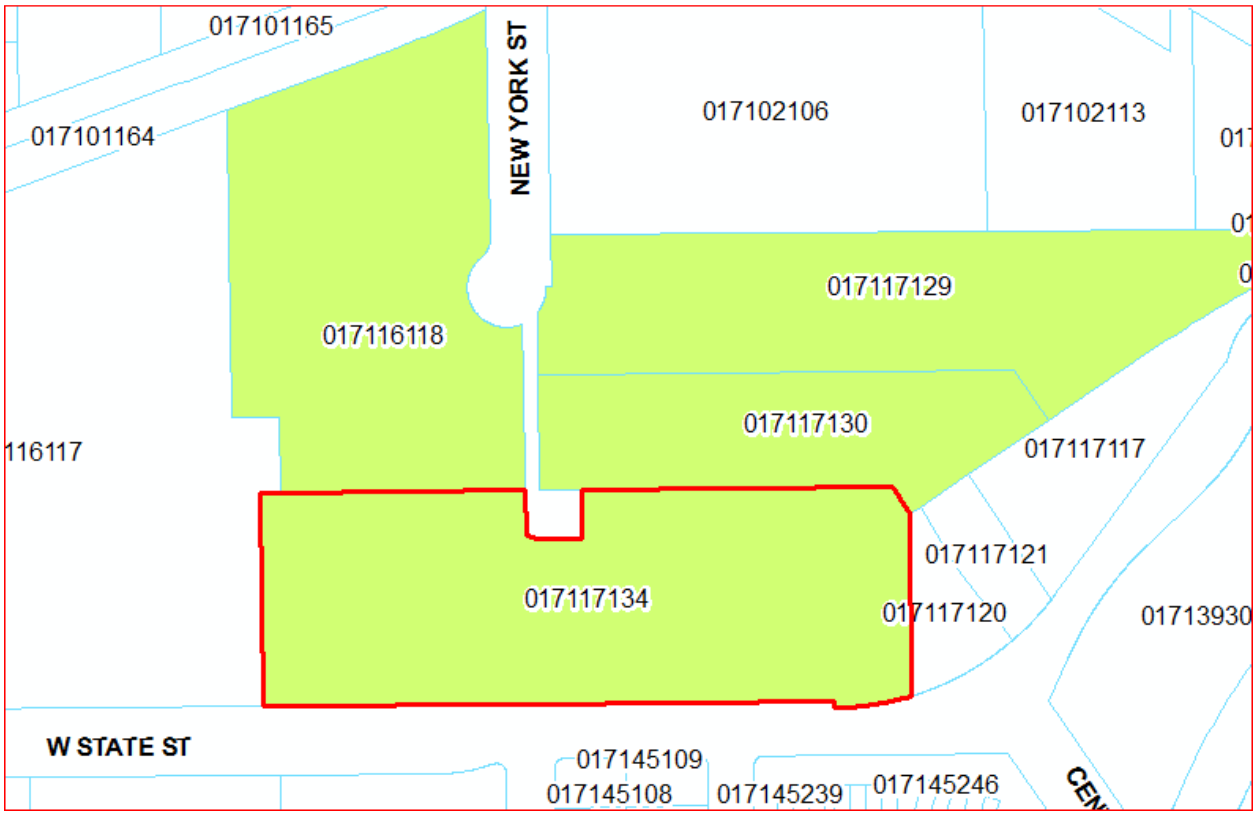
Parcel Map 12087

Annexation L4-Q



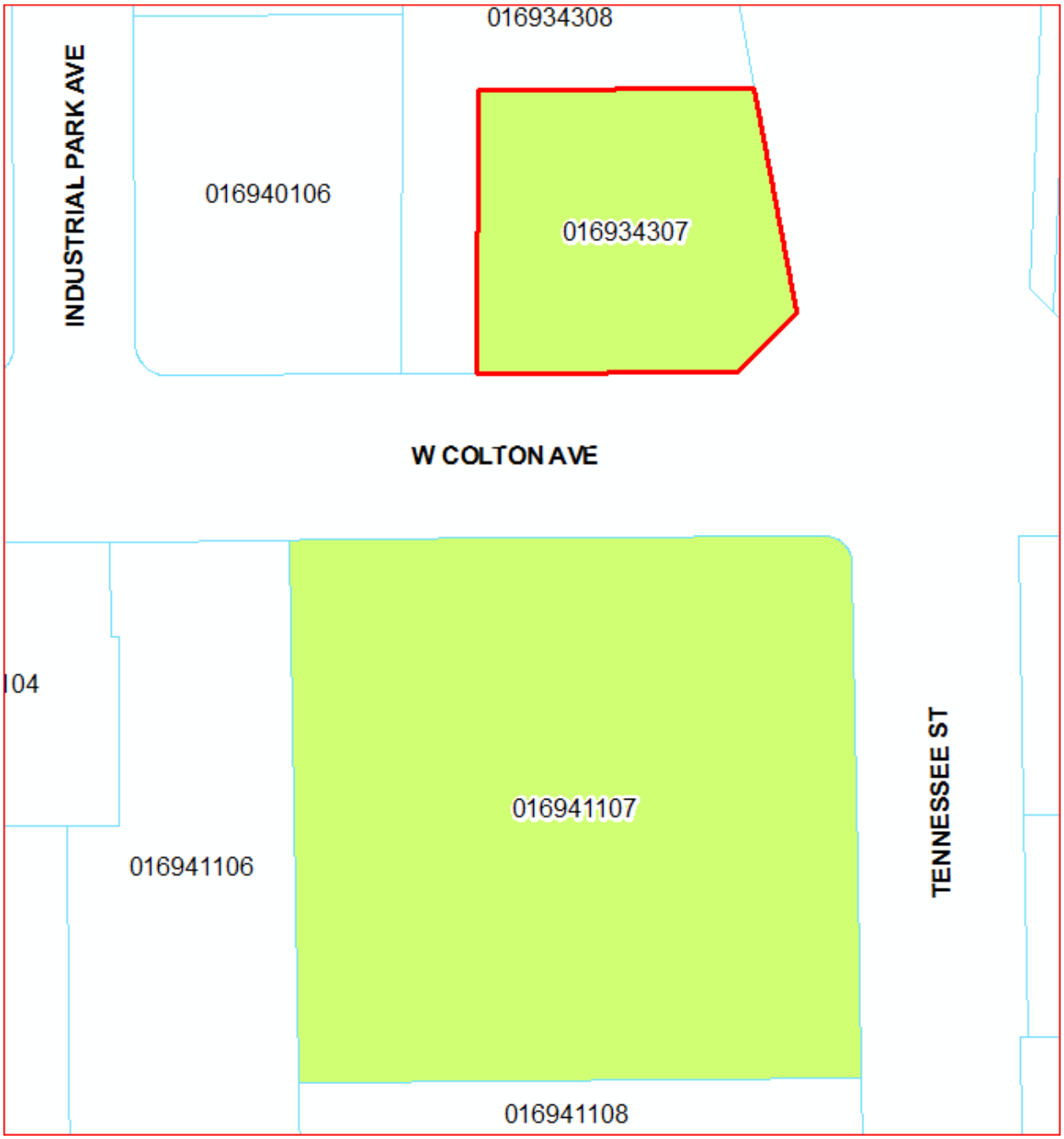
MS 185, Parcel Map 11904

Annexation L4-R



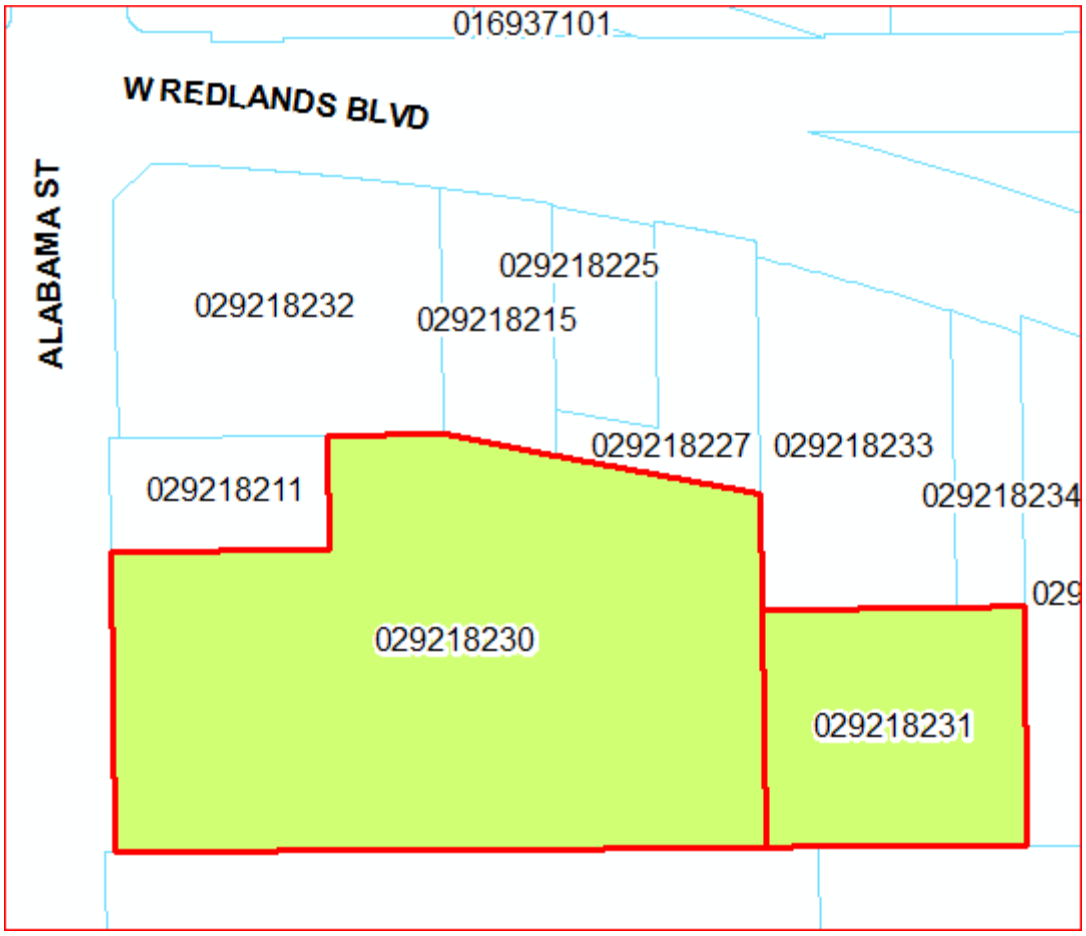
CUP 278

Annexation L4-S



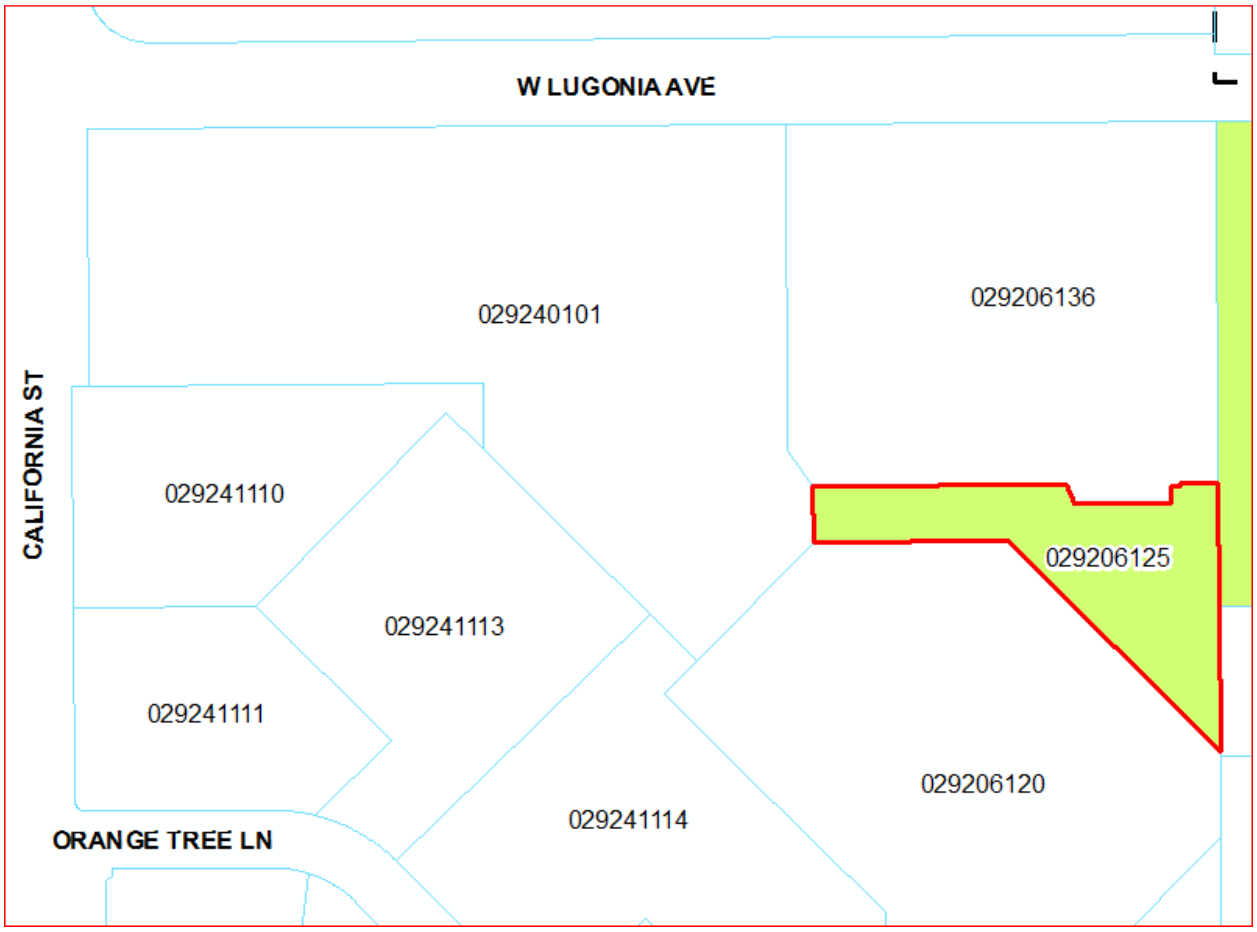
CUP 405

Annexation L4-T



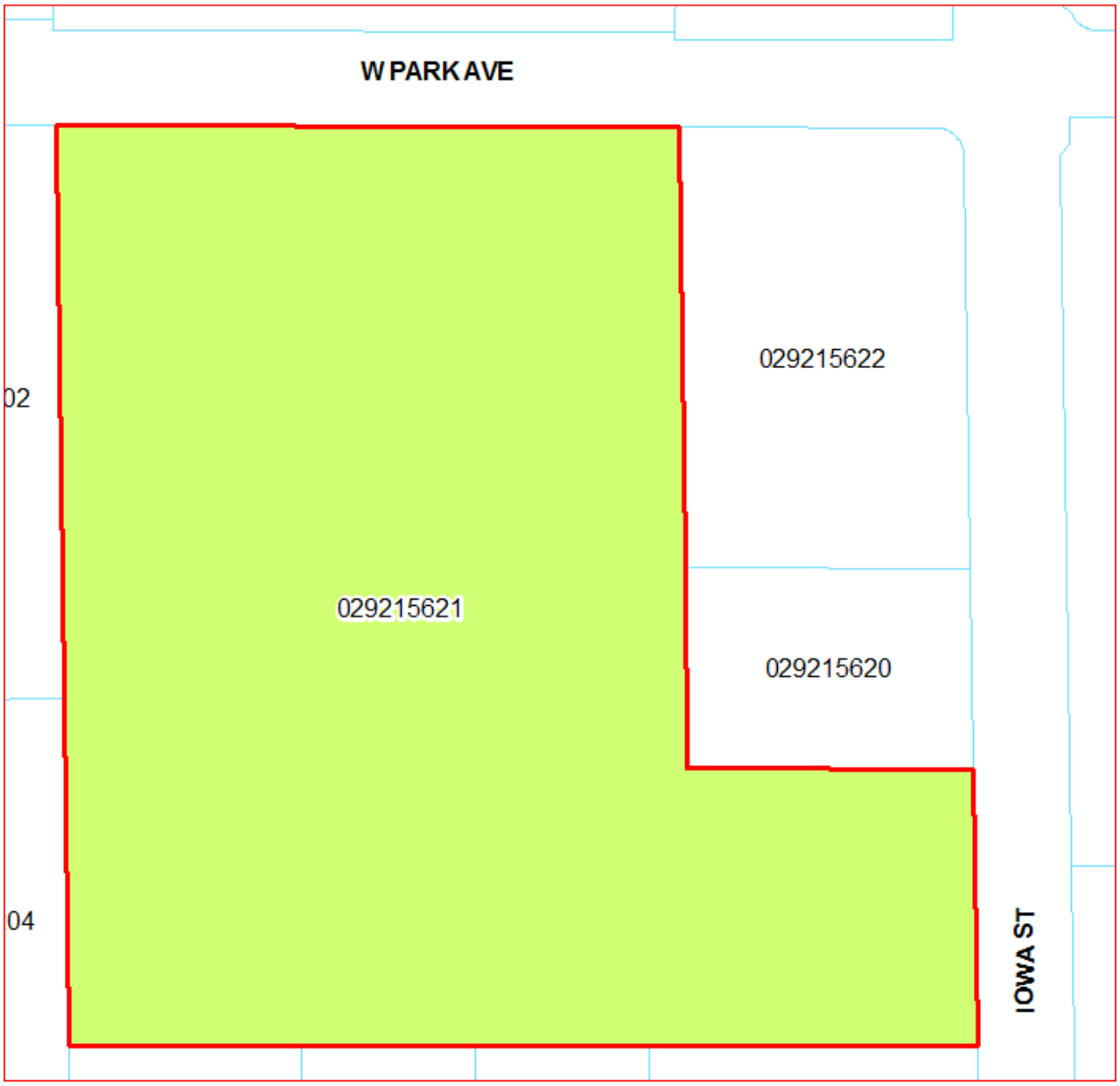
CRA 354

Annexation L4-U



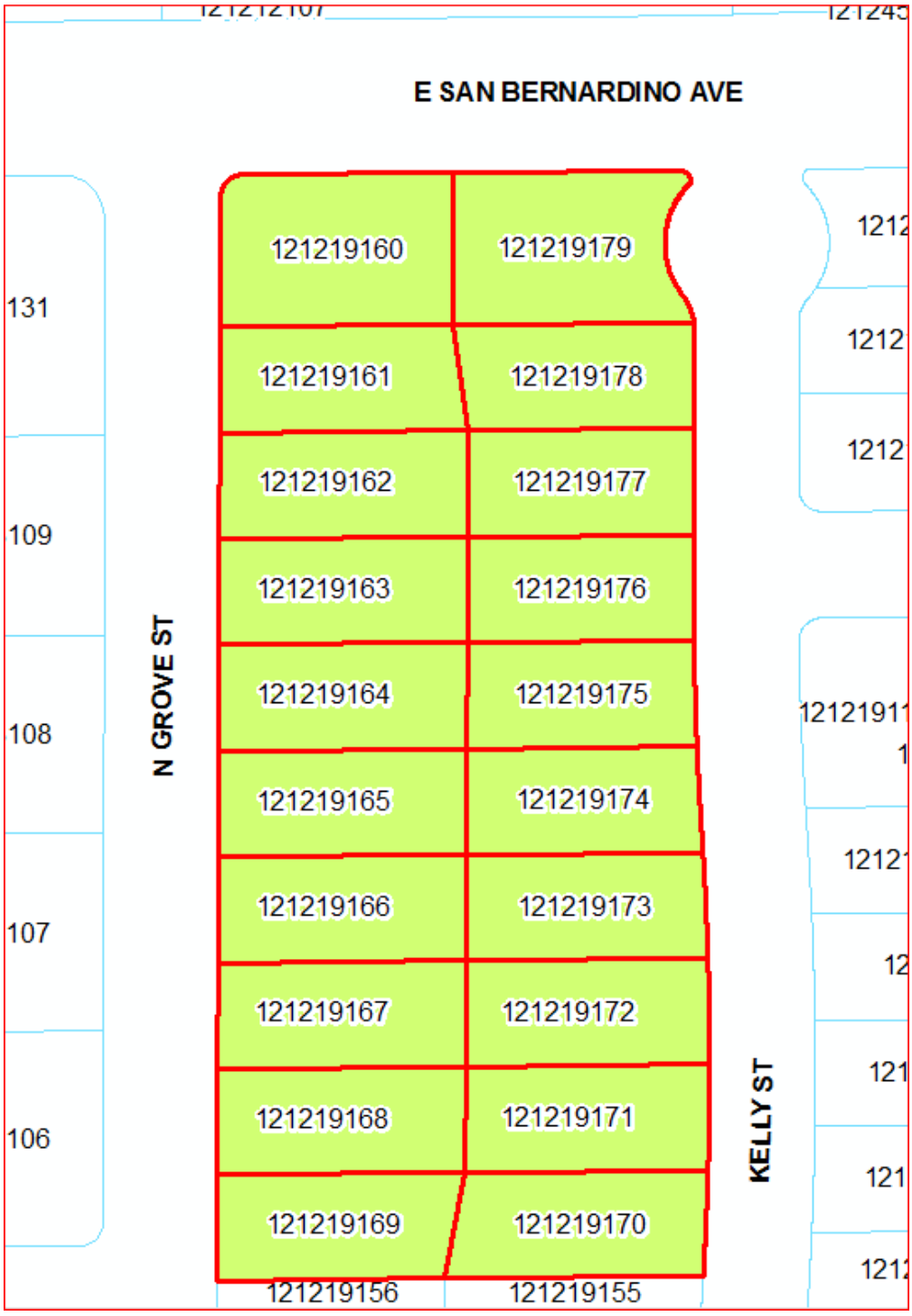
CRA 346

Annexation L4-V



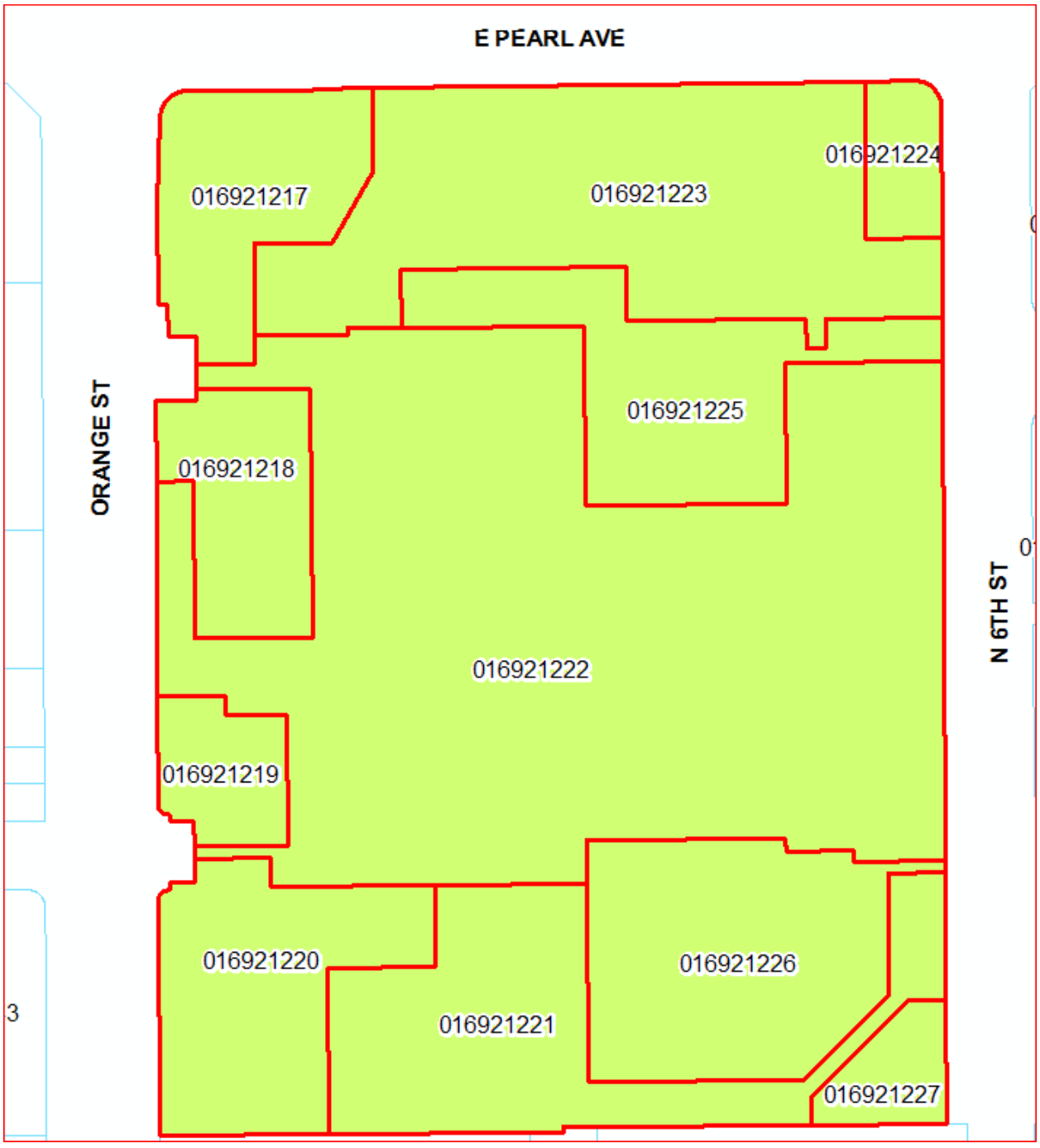
CRA 607

Annexation L4-W



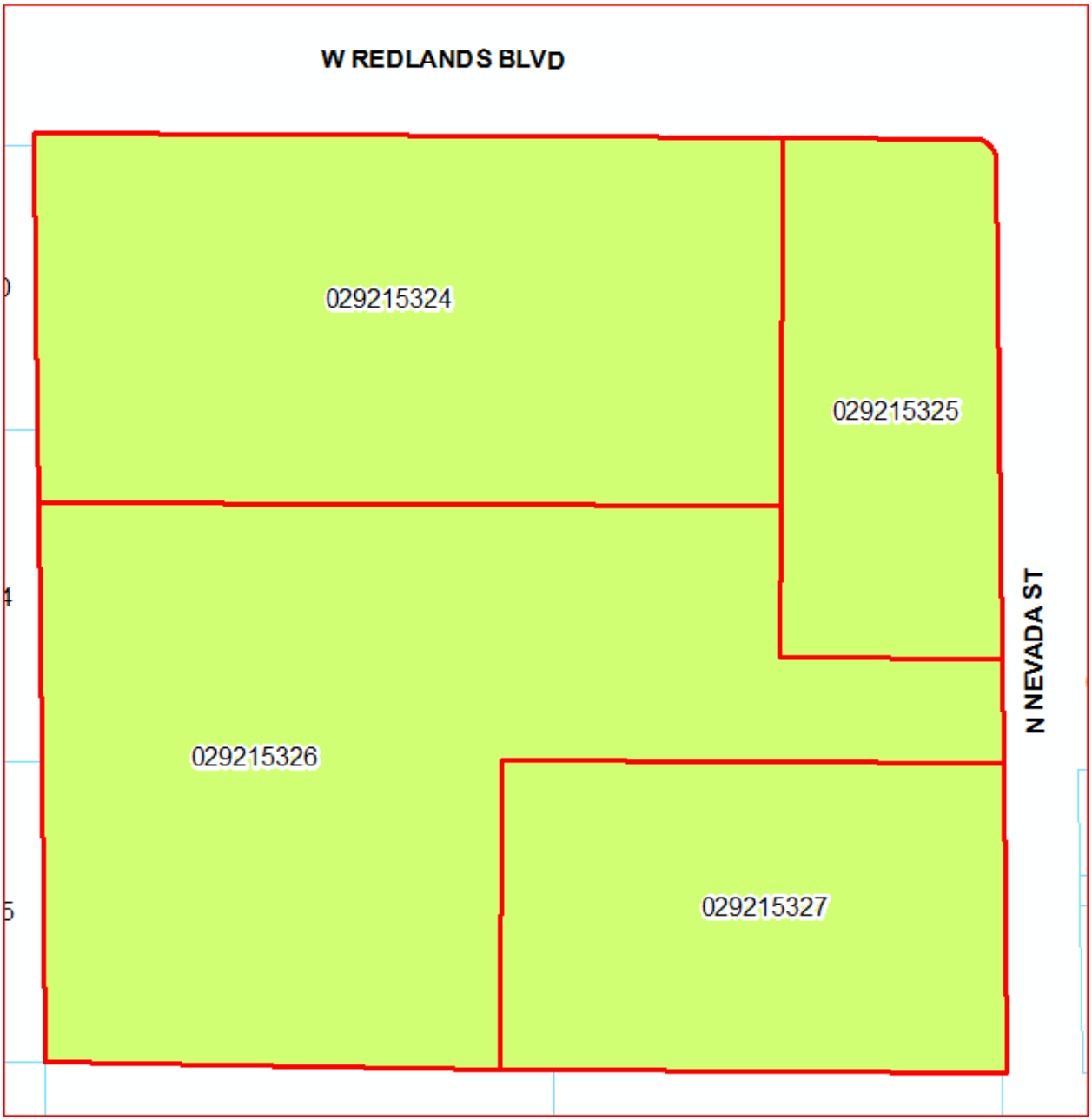
Tract Map 12461

Annexation L4-X



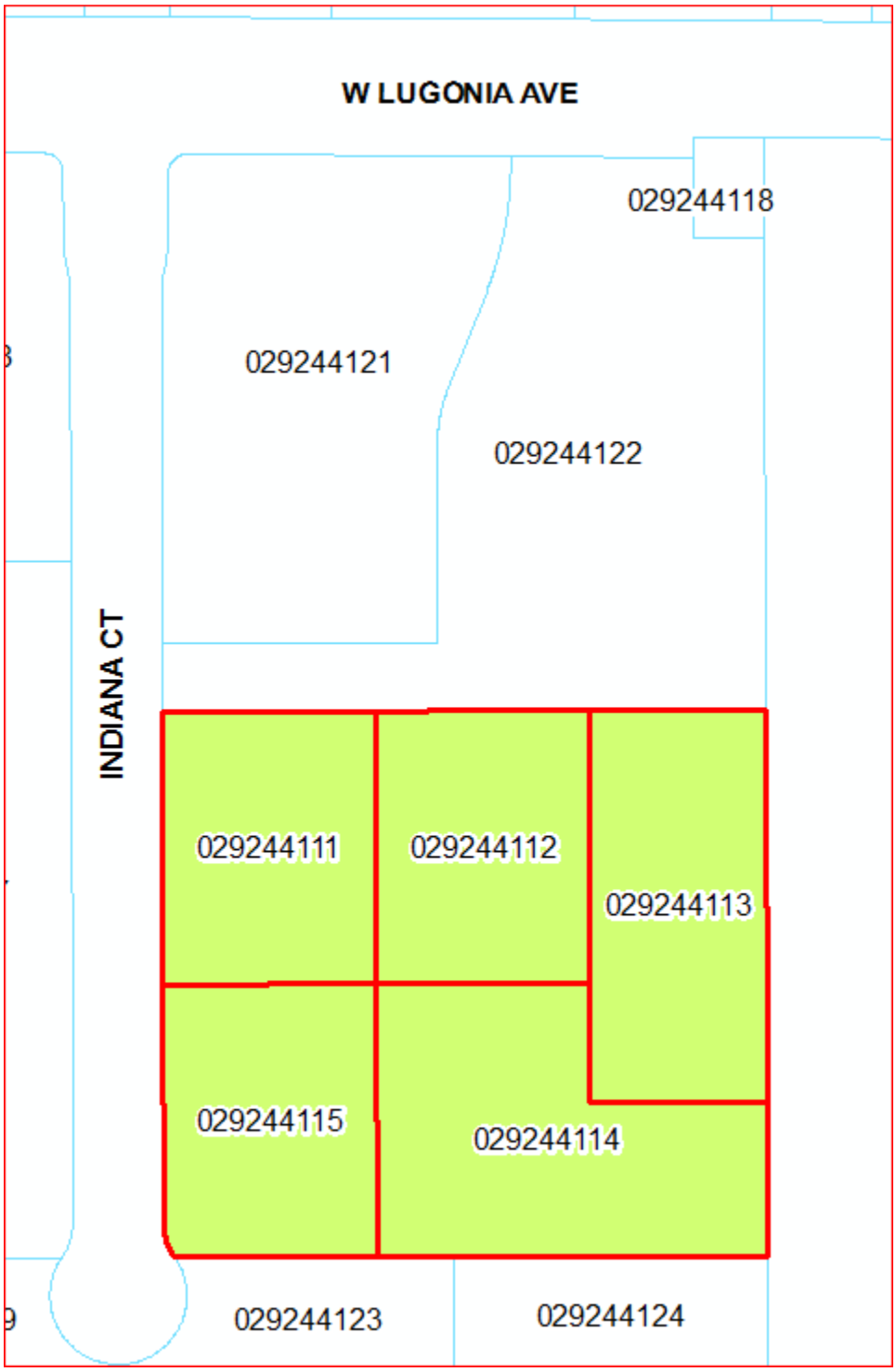
Parcel Map 12022

Annexation L5-A



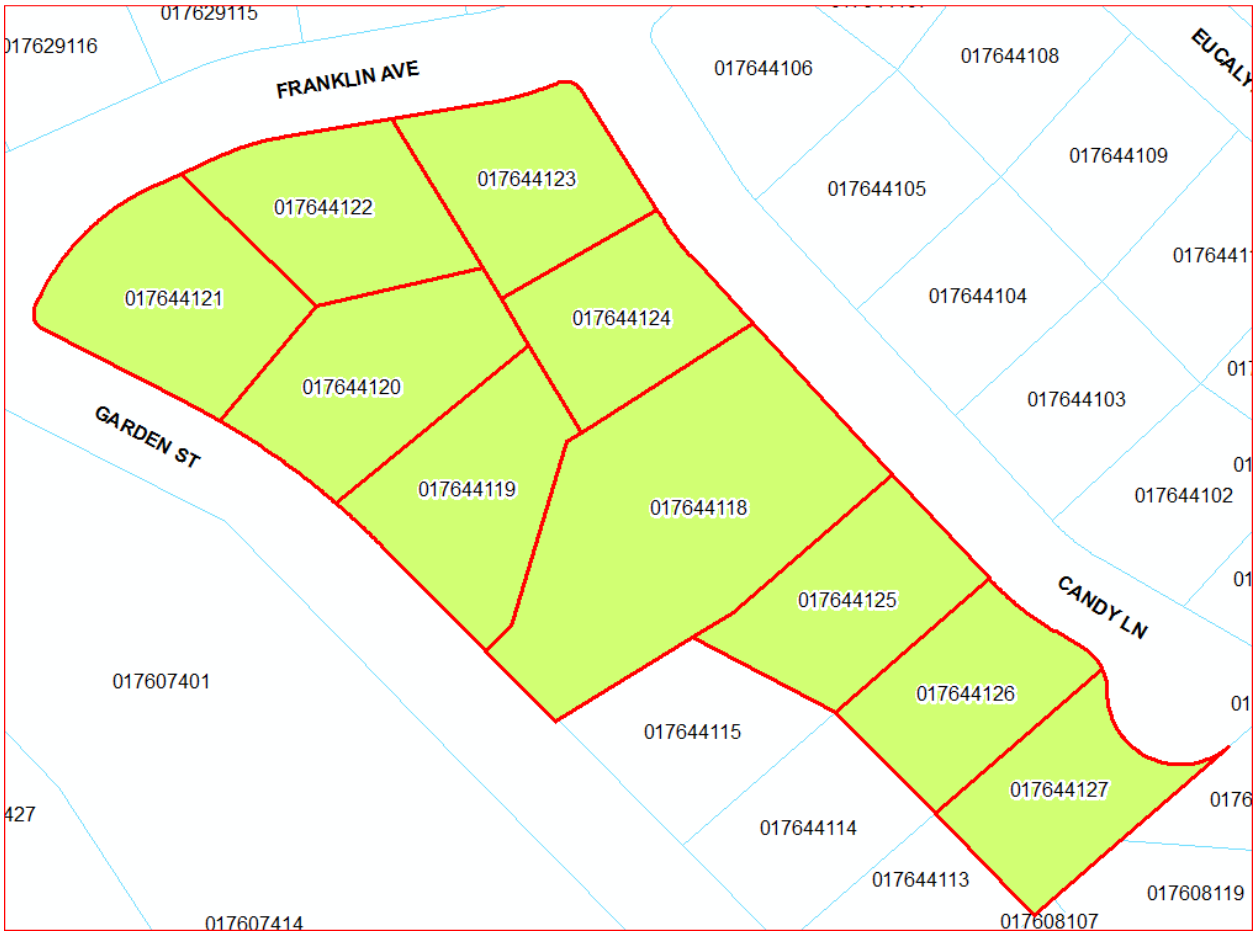
Parcel Map 12330

Annexation L5-B



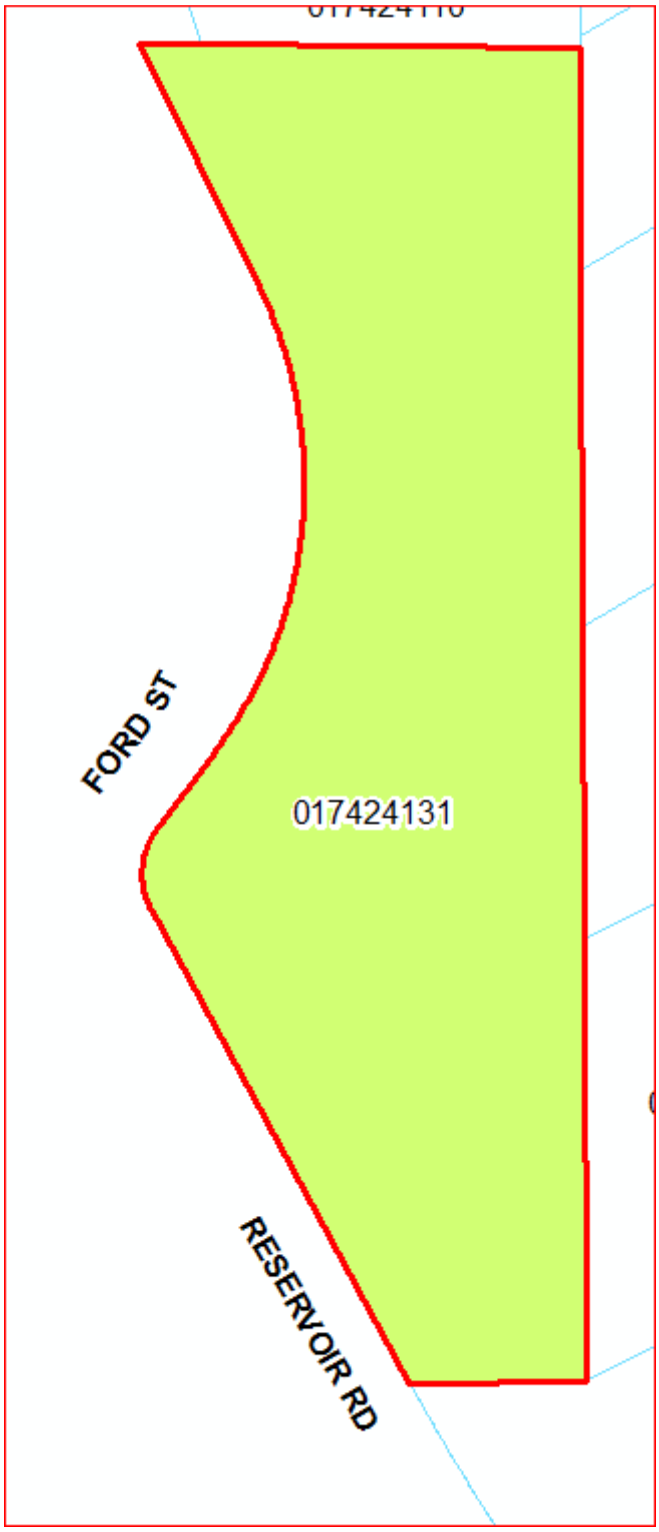
Parcel Map 12940

Annexation L5-C



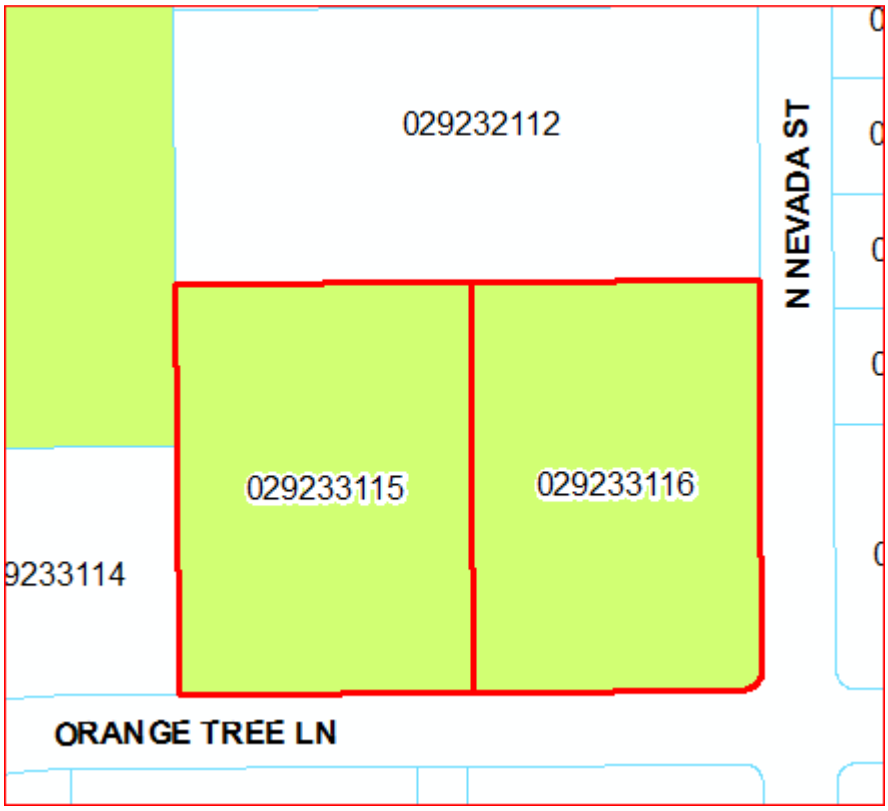
Tract 14556

Annexation L5-D



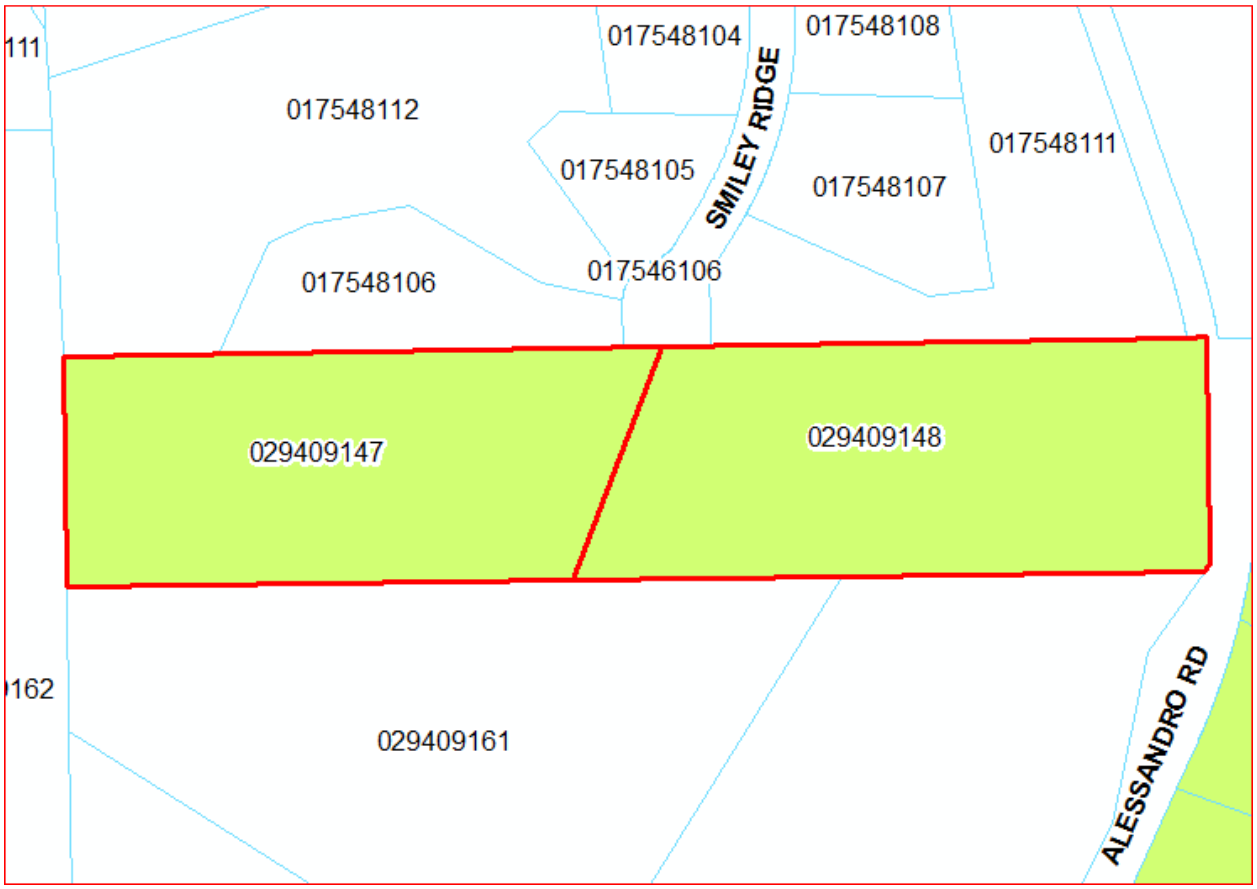
CRA 611

Annexation L5-E



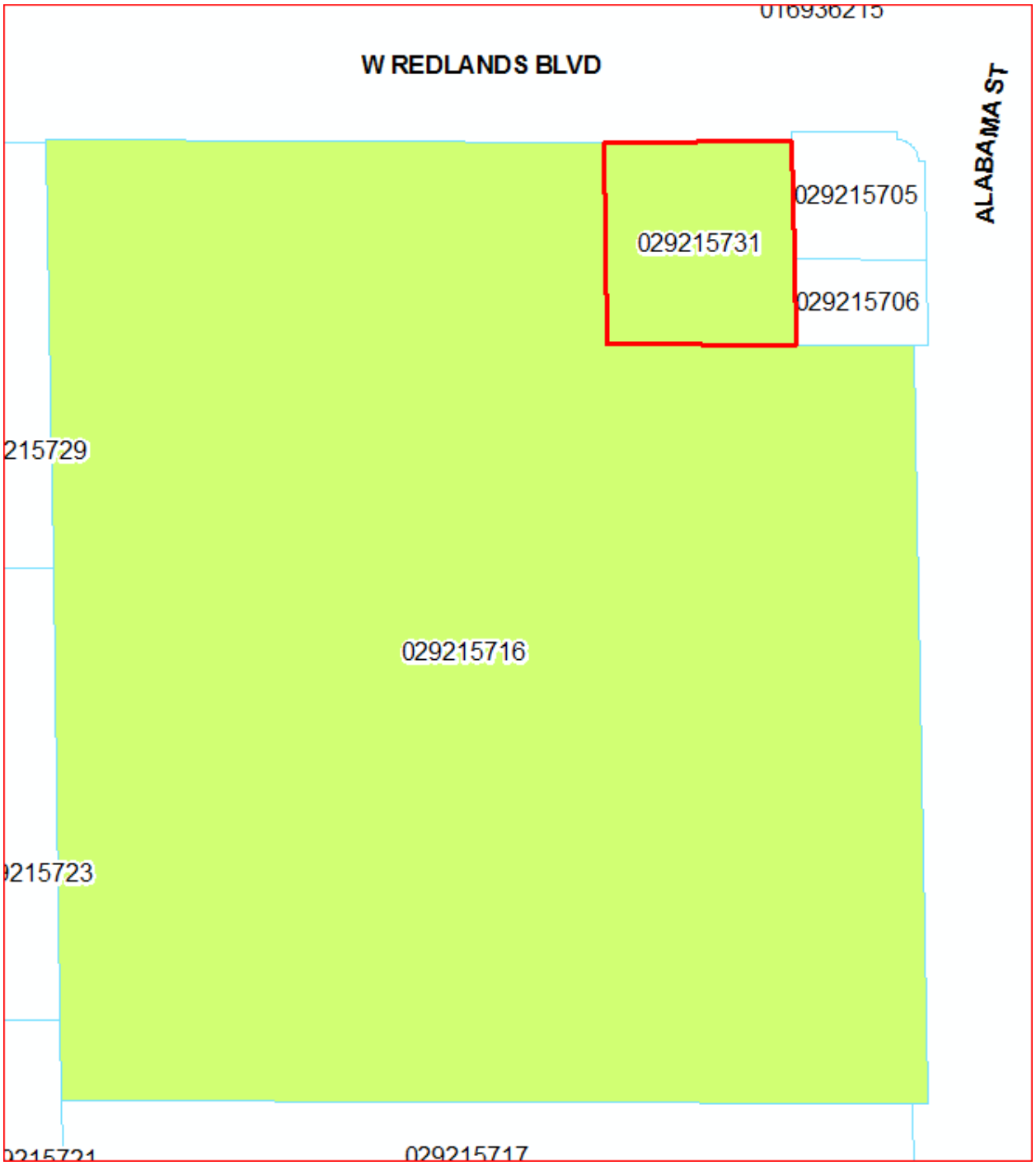
Parcel Map 13261

Annexation L5-F



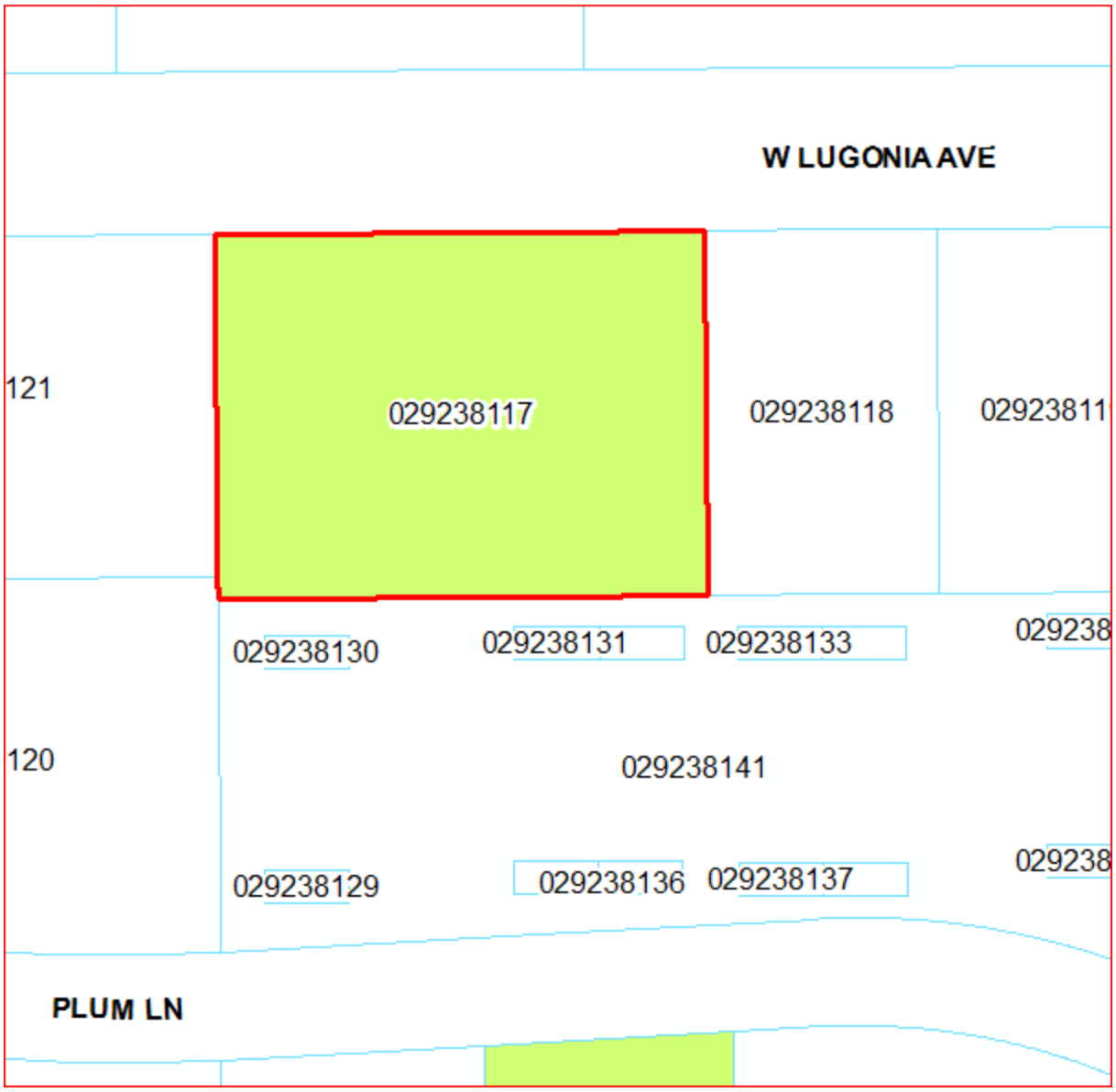
Parcel Map 11189

Annexation L5-G



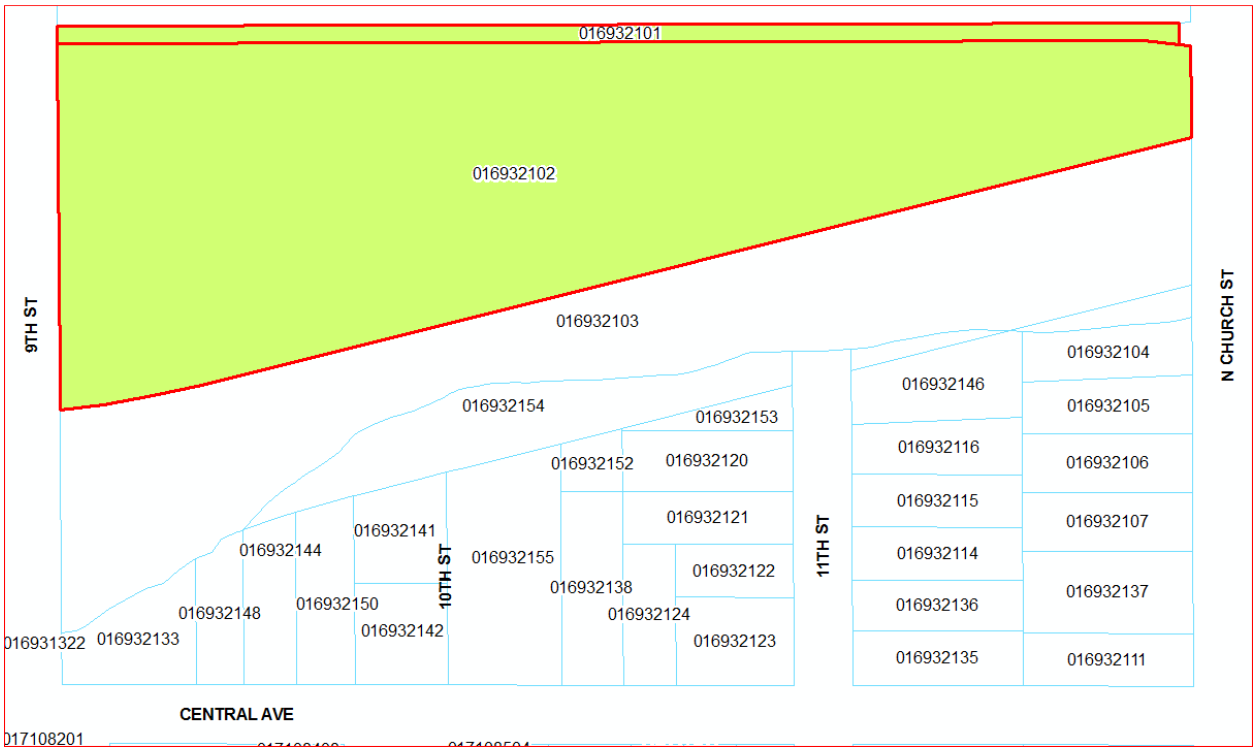
CRA 615

Annexation L5-H



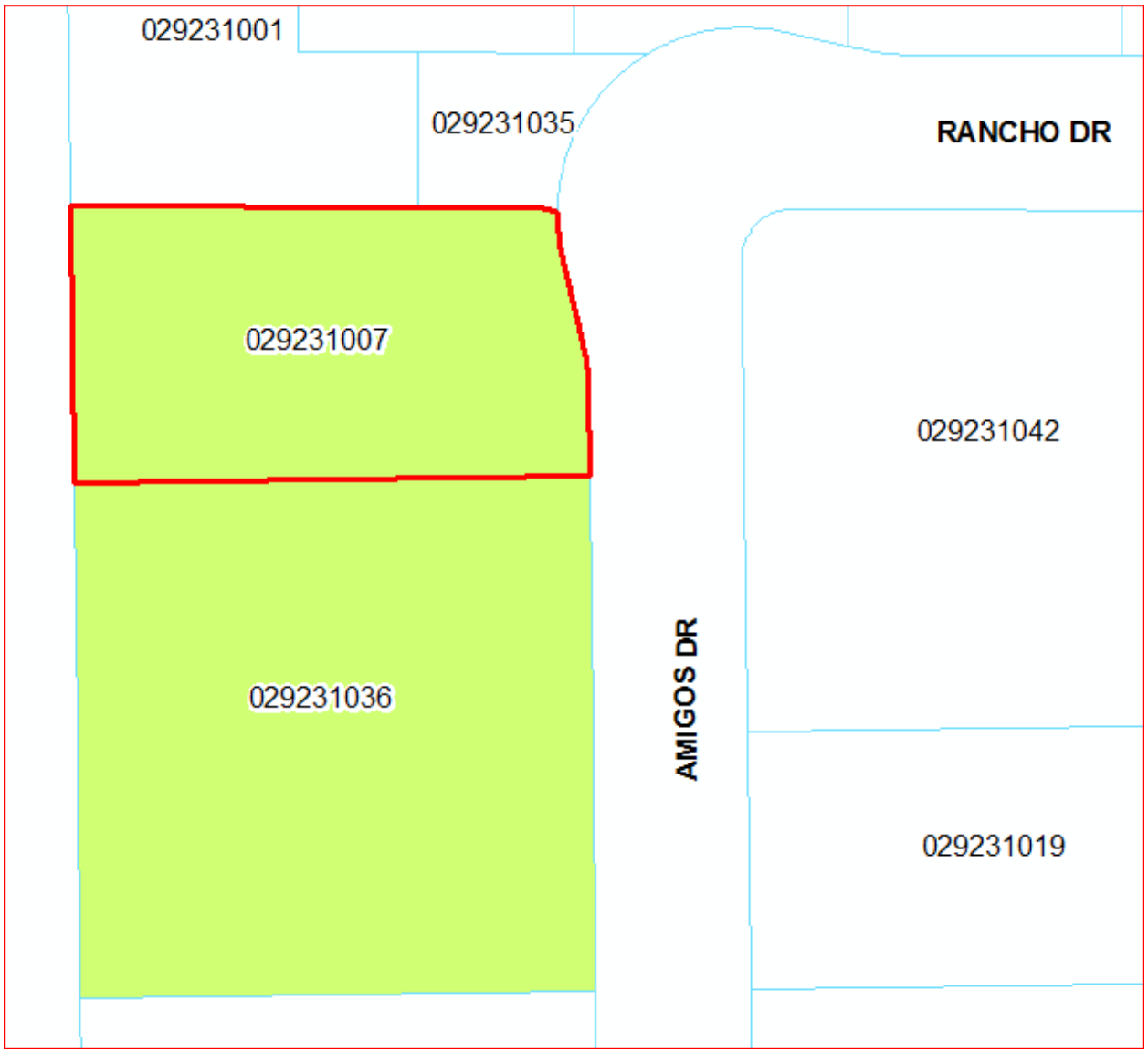
CRA 536

Annexation L6-A



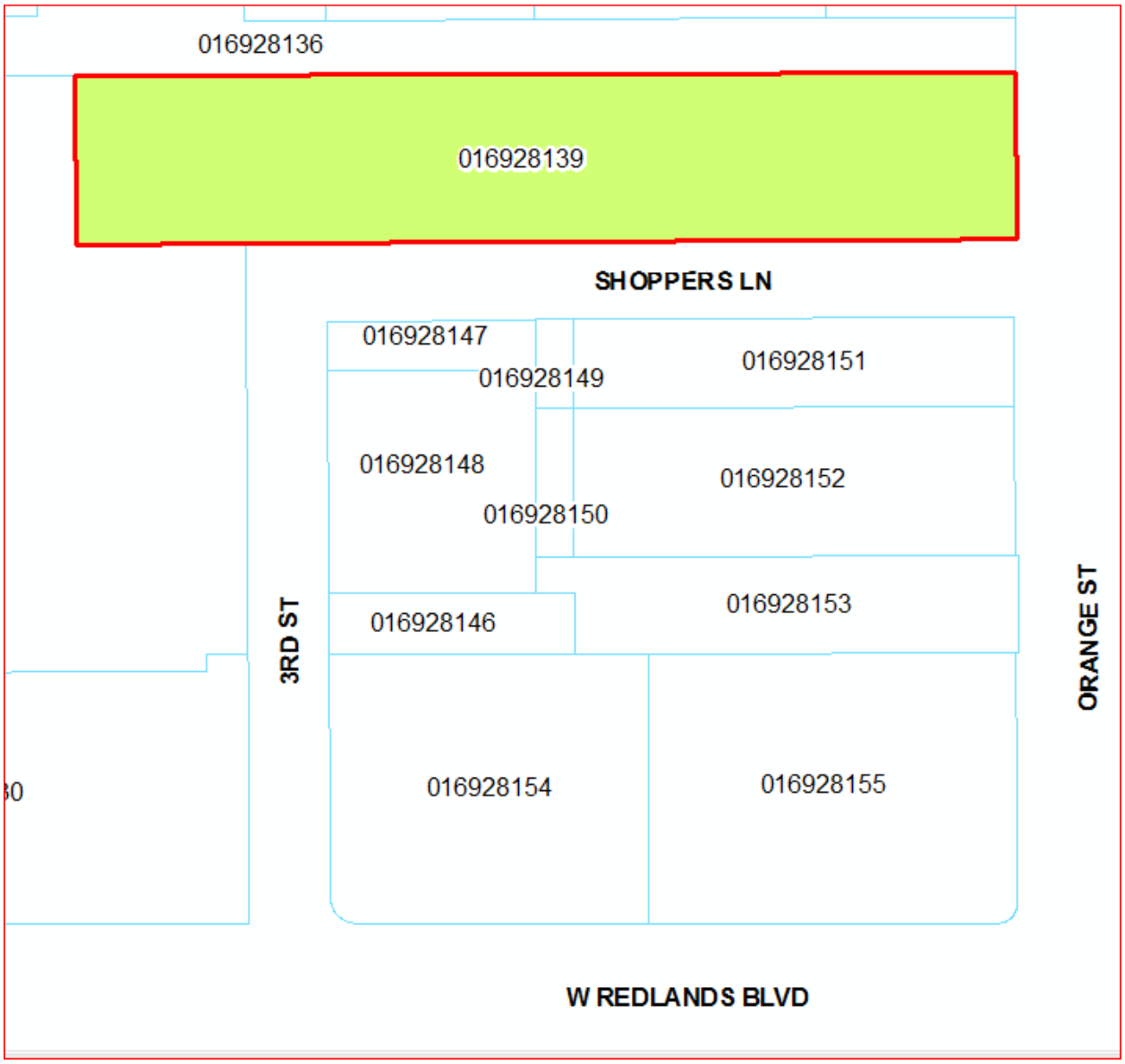
CRA 517

Annexation L6-B



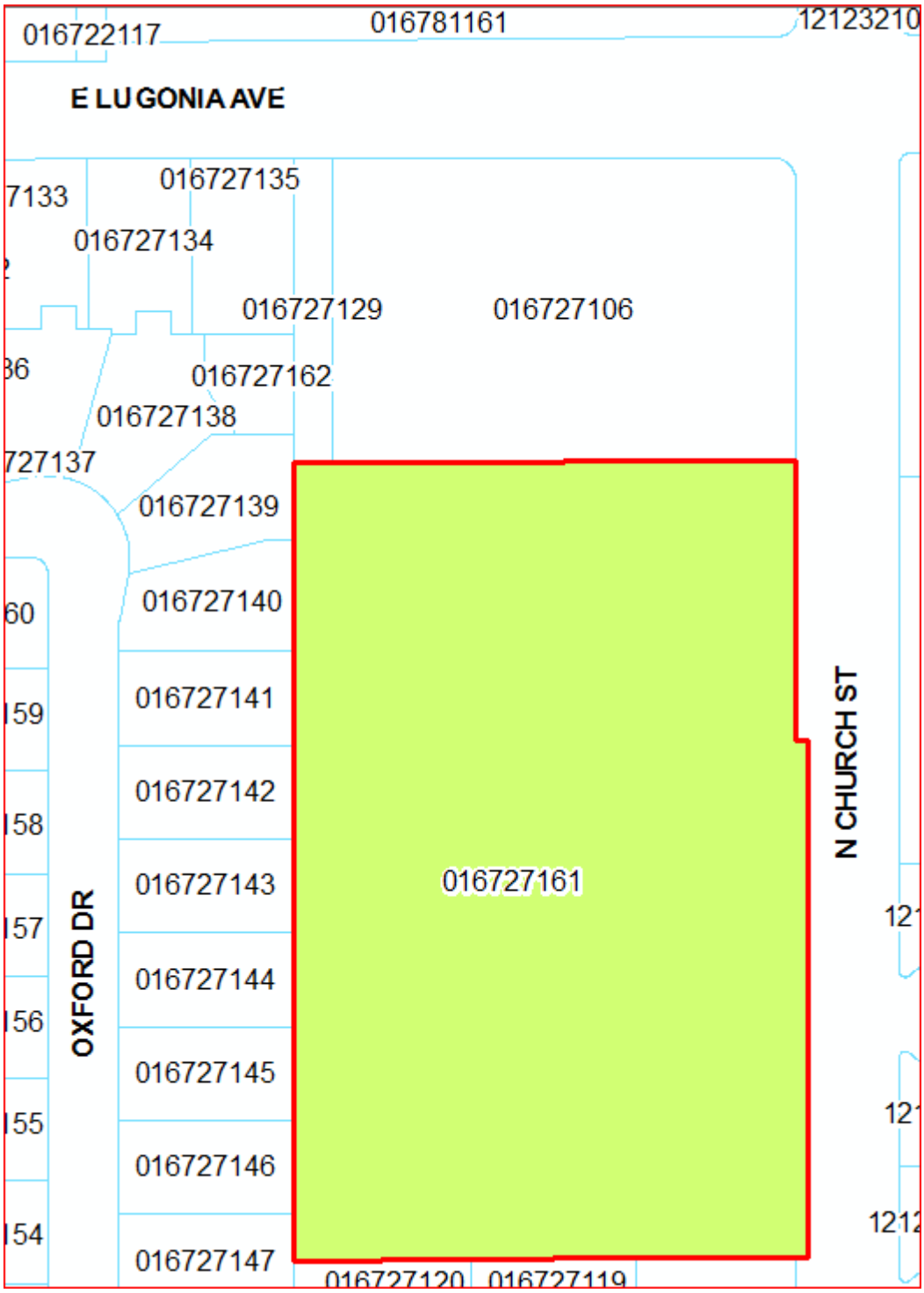
CRA 628

Annexation L6-C



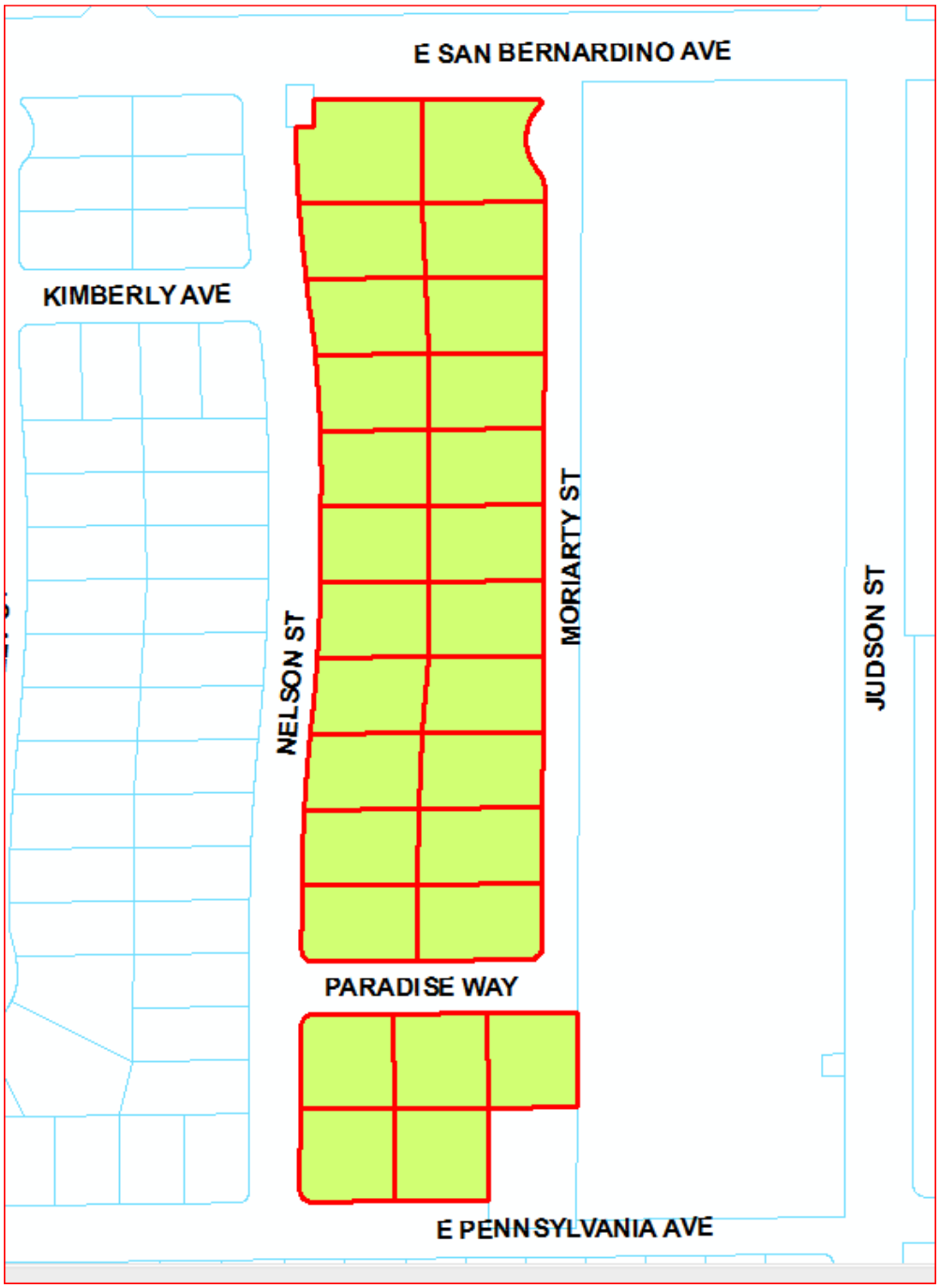
CRA 624

Annexation L6-D



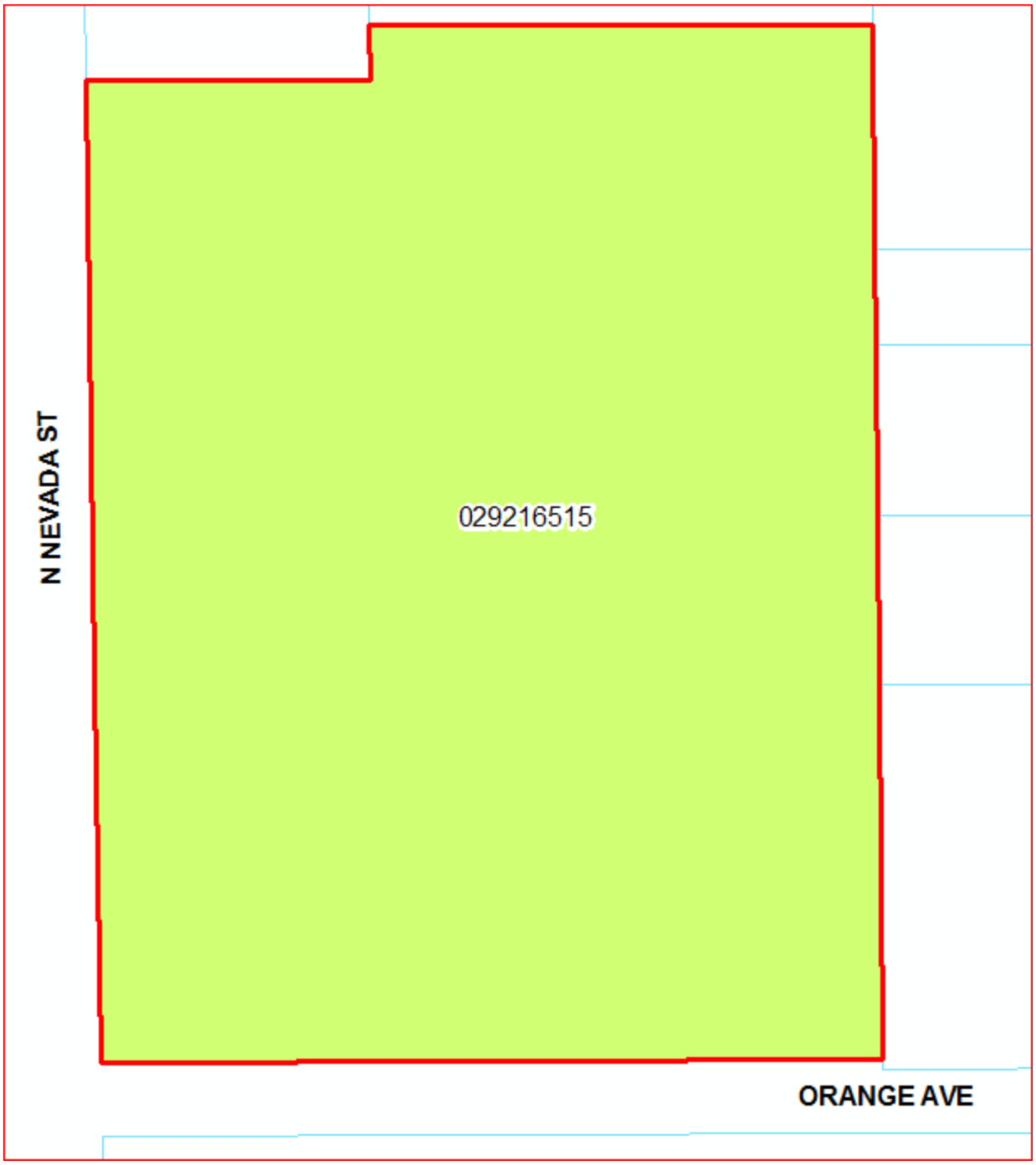
CRA 305

Annexation L6-E



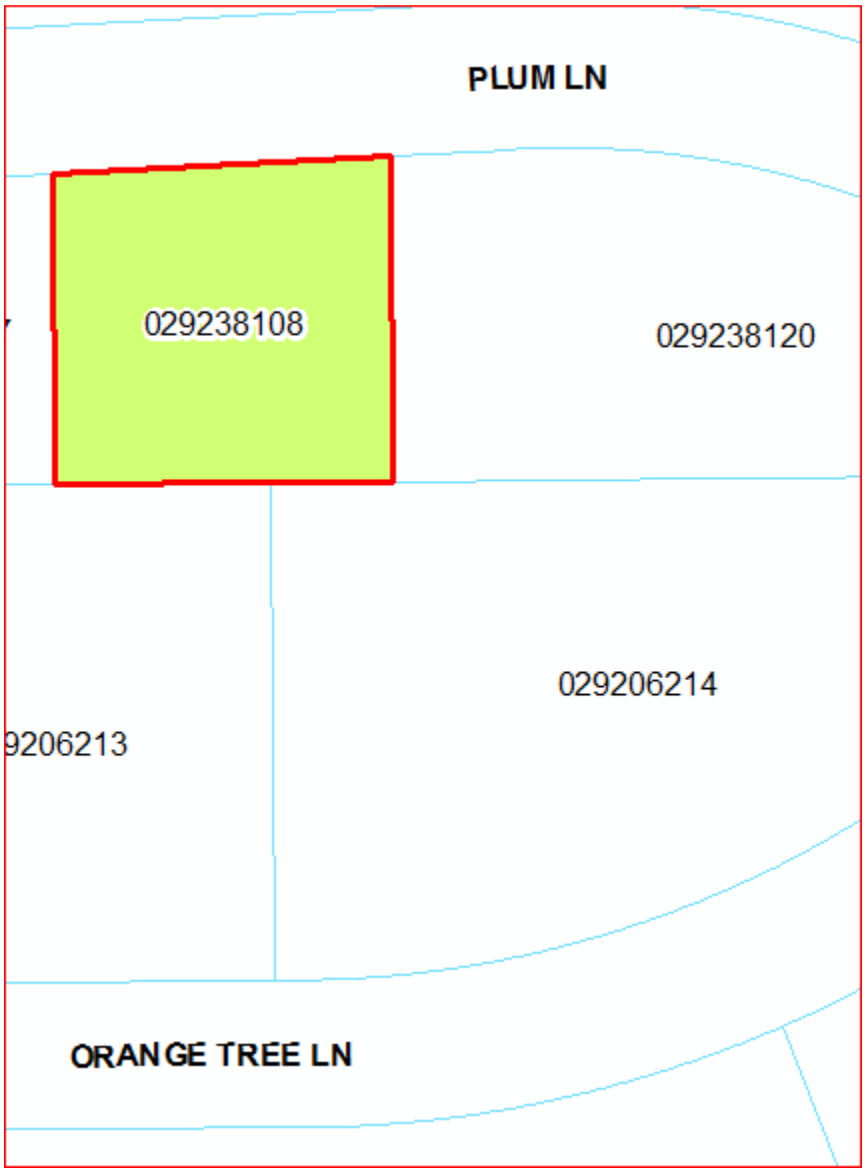
Tract Map 13575

Annexation L6-F



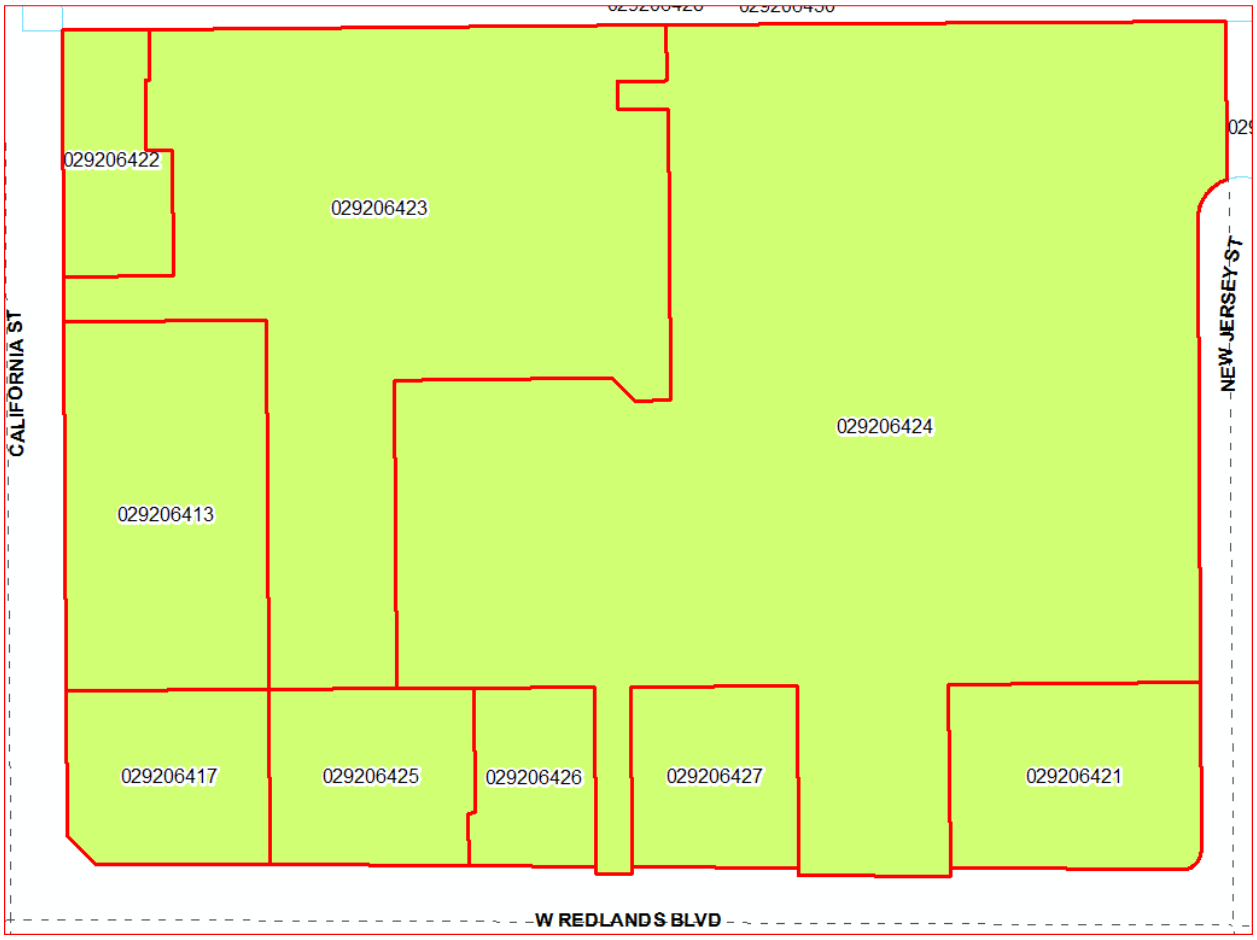
CUP 550

Annexation L6-G



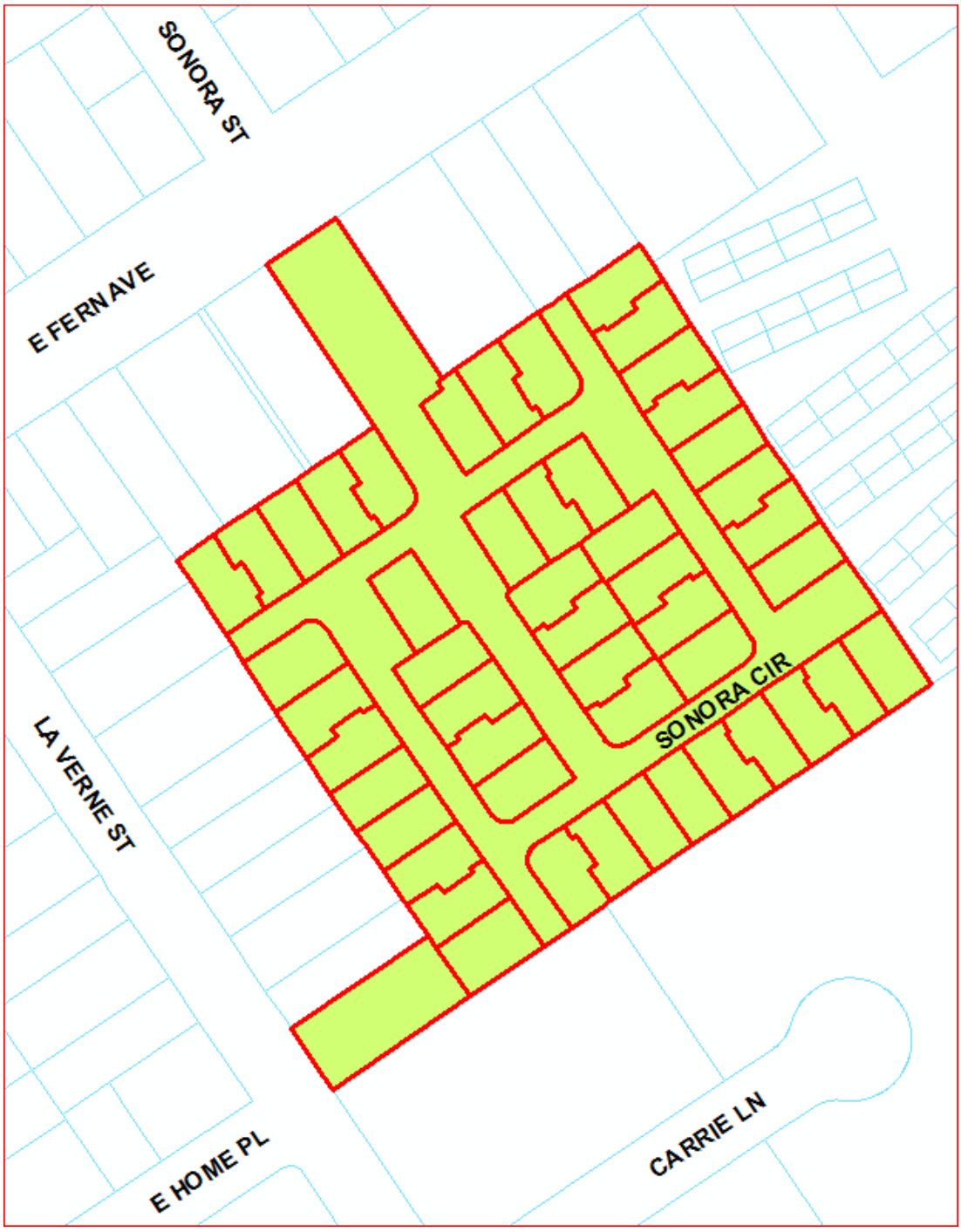
CRA 623

Annexation L6-H



Parcel Map 13542

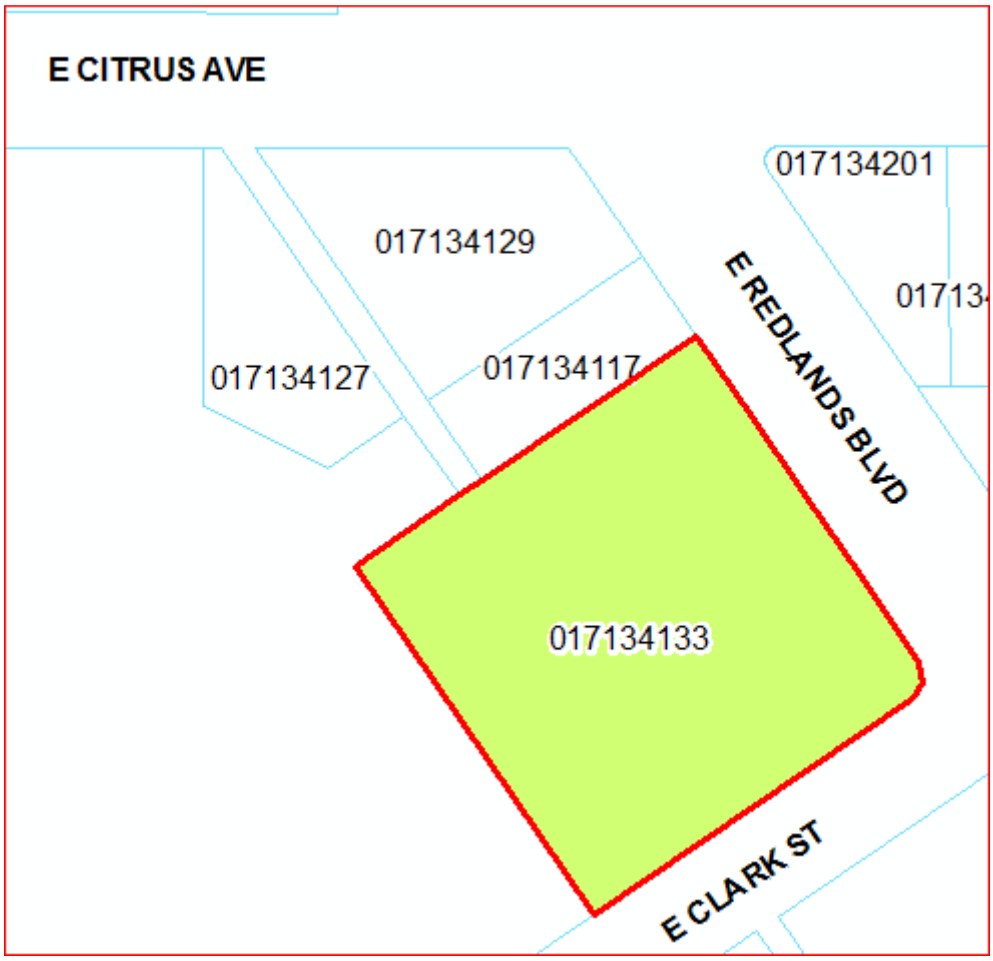
Annexation L6-I



Parcel Map 10749

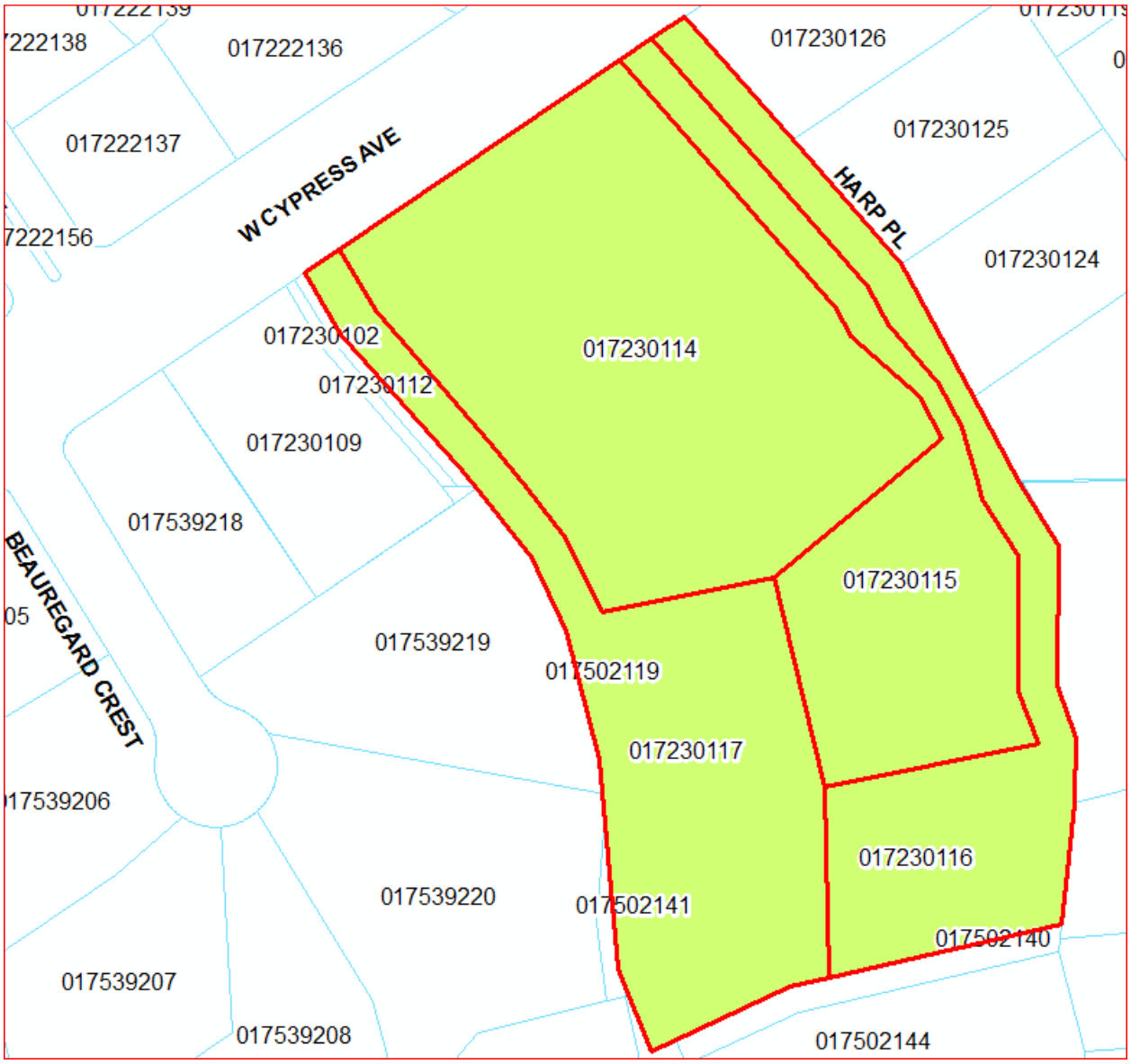
APN 0173-052-31 thru 42, APN 0173-062-01 thru 38, 39 (road)

Annexation L6-J



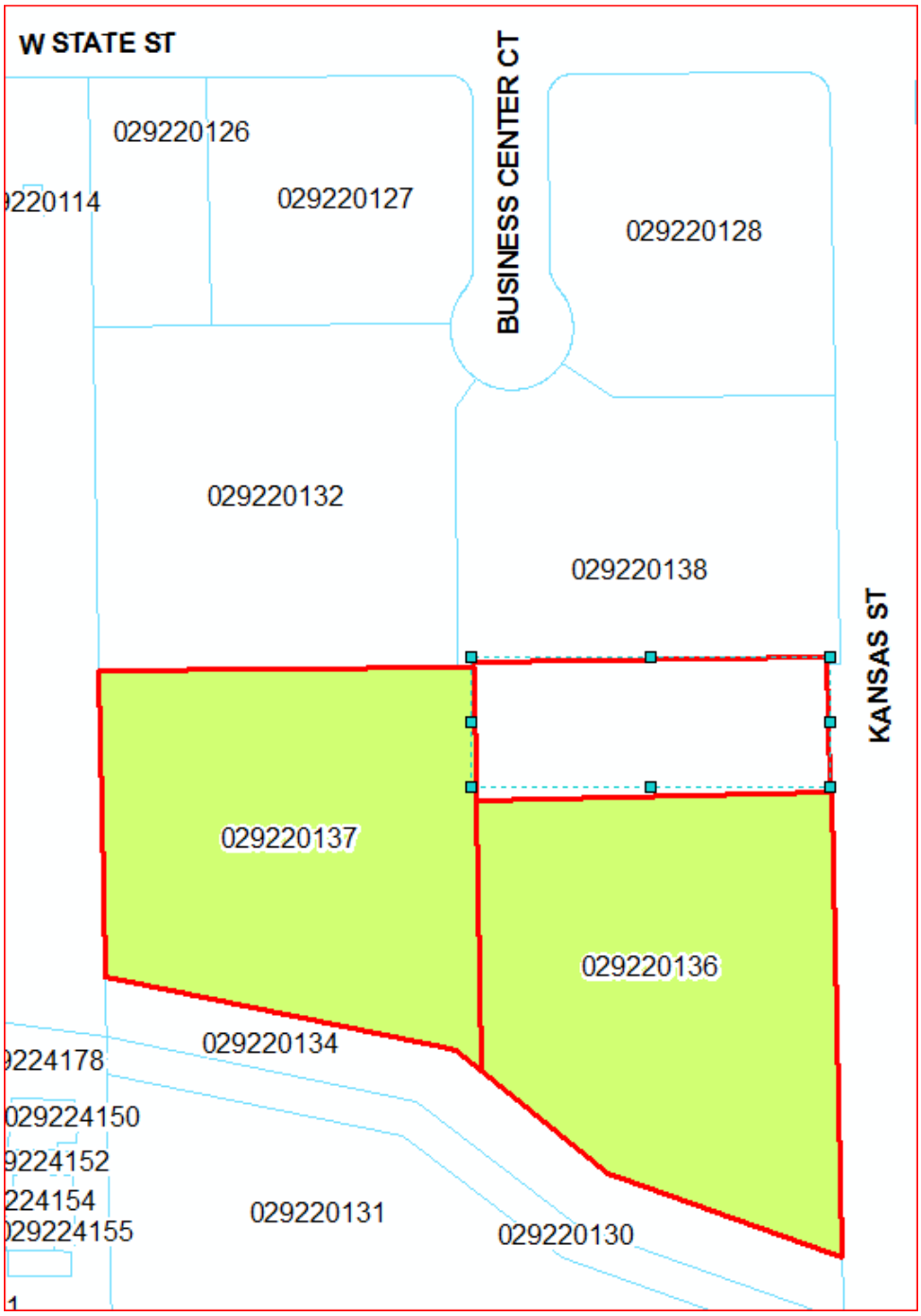
MS 201

Annexation L7-A



MS 213, Parcel Map 13978

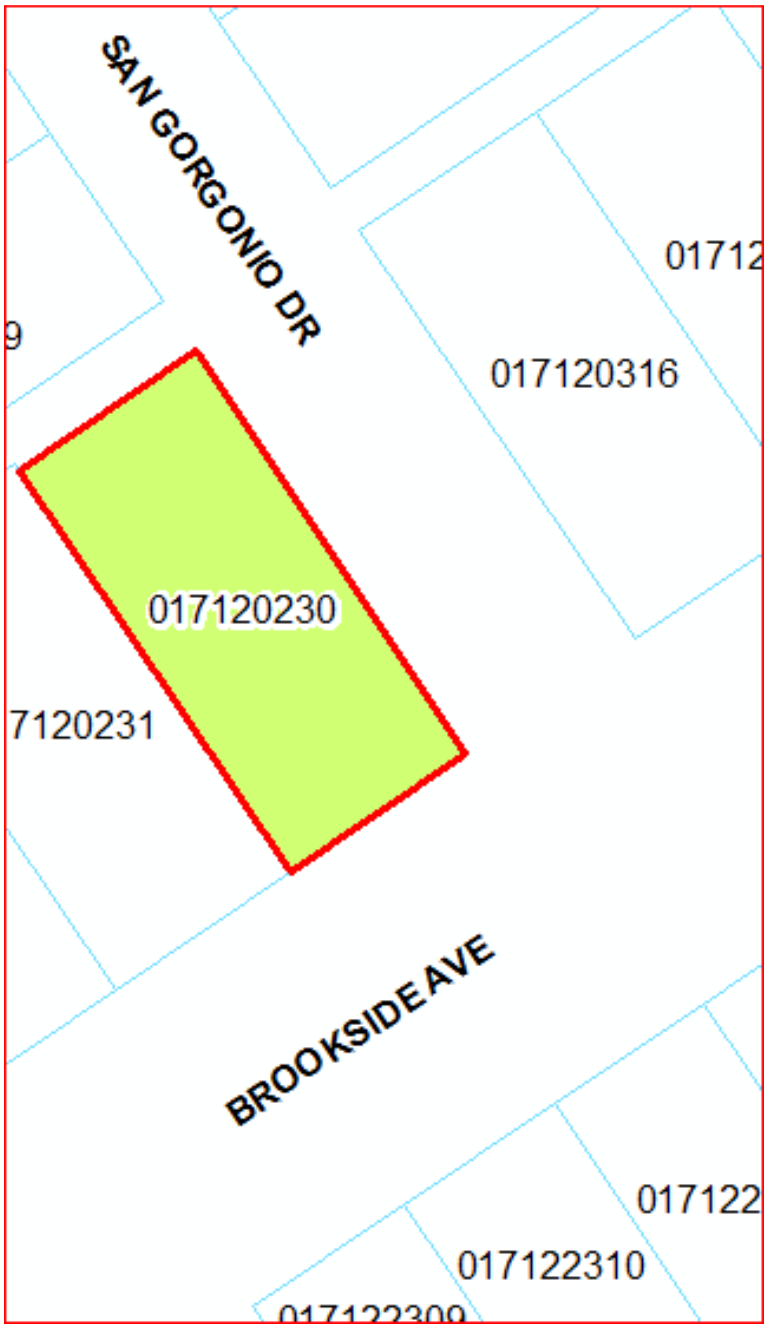
Annexation L7-B



MS 211

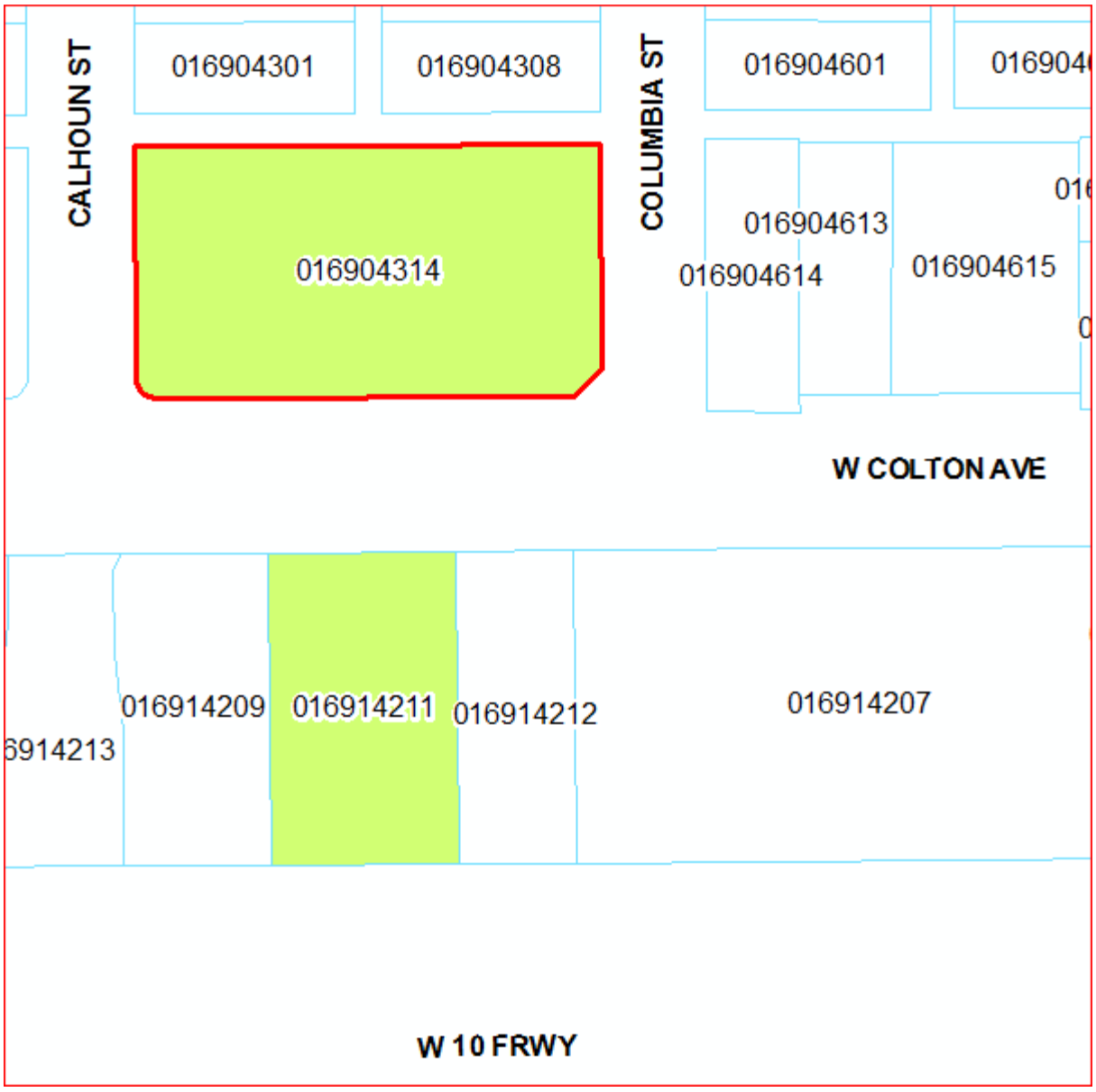
Lot line adjustment shifted the boundary between 0292-201-36 and -38 northerly. New APNs were assigned by the Assessor. APN 0292-201-36 became -39 and APN 0292-201-38 became -40.

Annexation L7-C



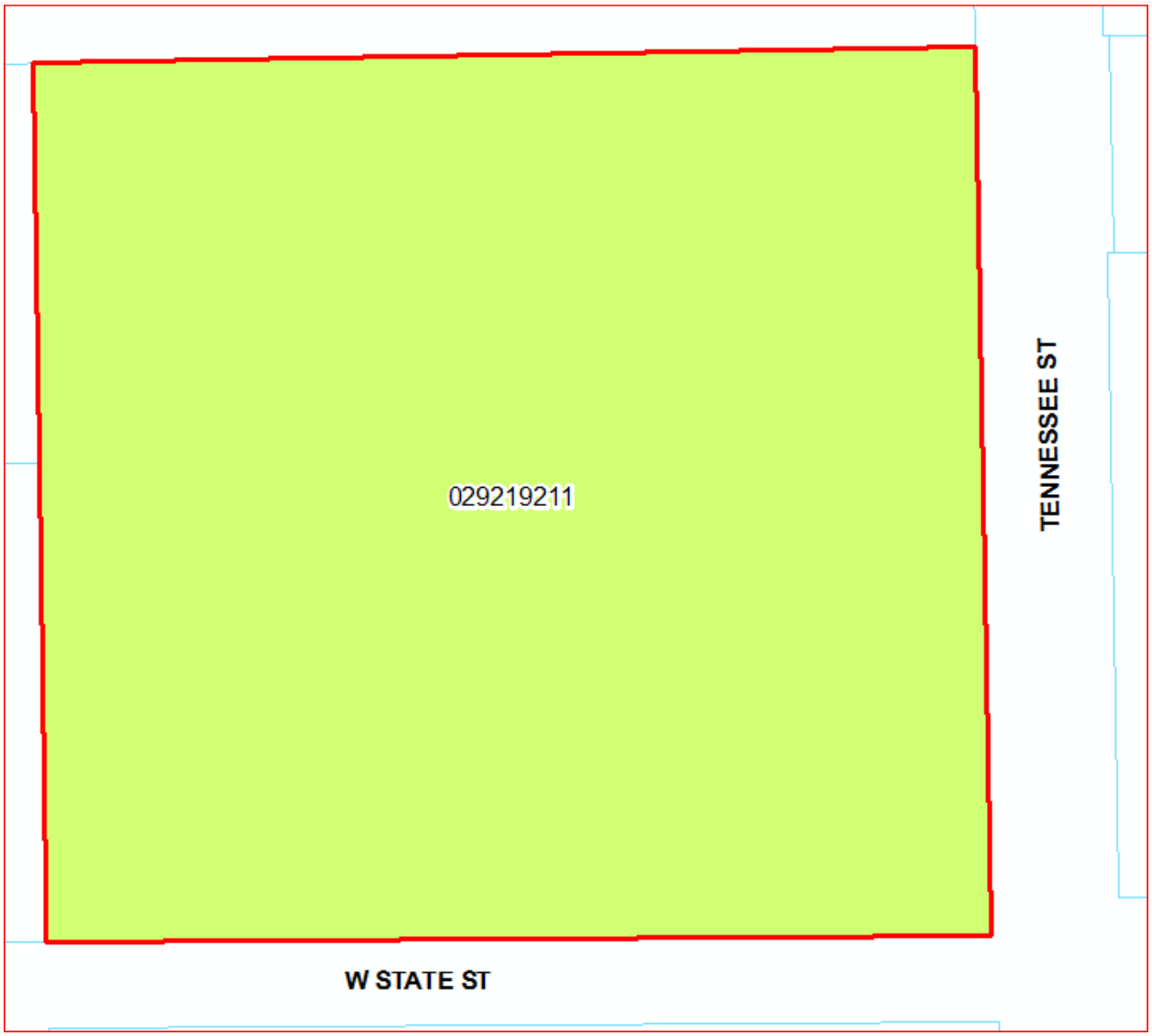
CUP 559

Annexation L7-D



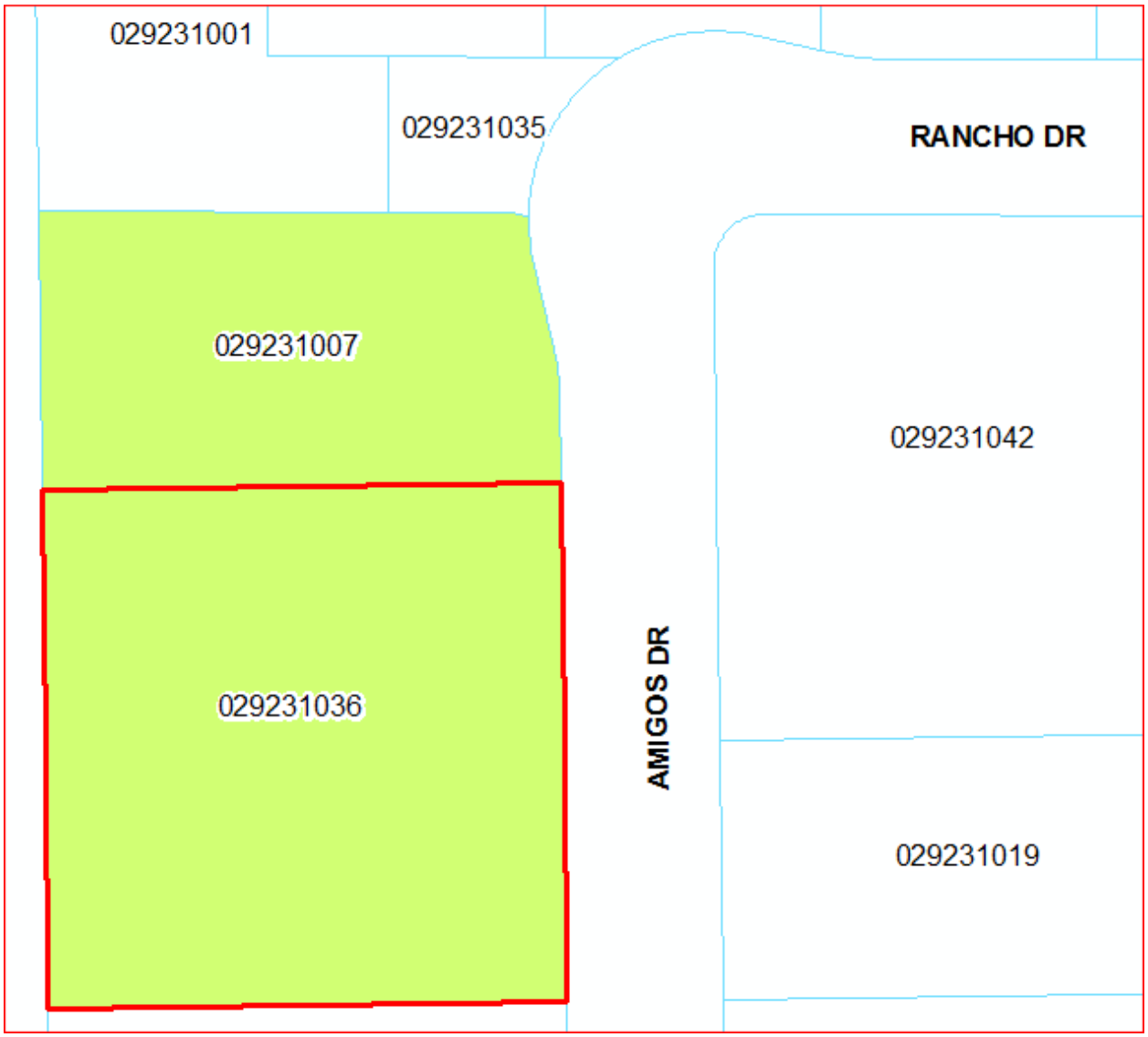
CRA 696

Annexation L7-E



CRA 543

Annexation L7-F



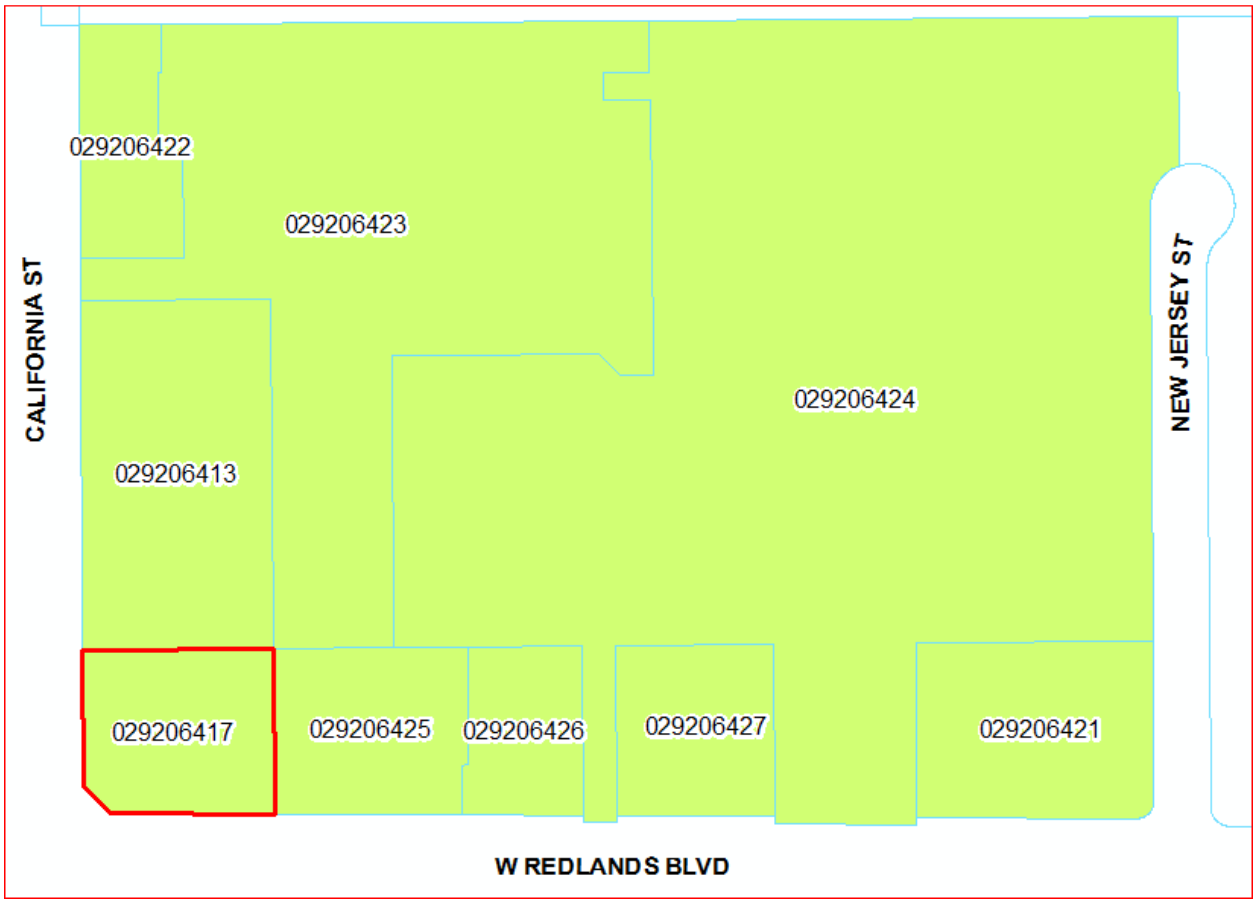
CRA 641

Annexation L7-G



CRA 640

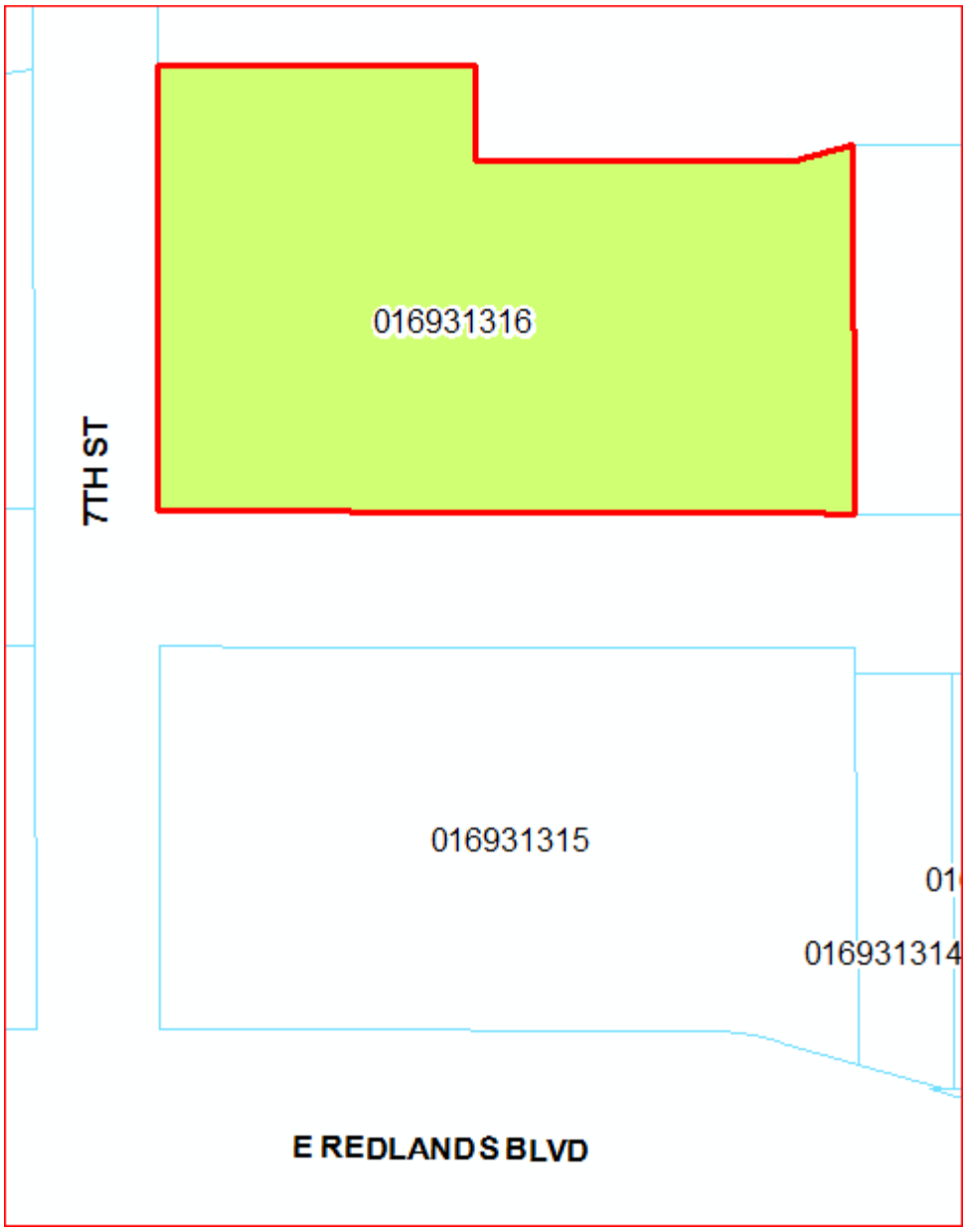
Annexation L7-H



CUP 562

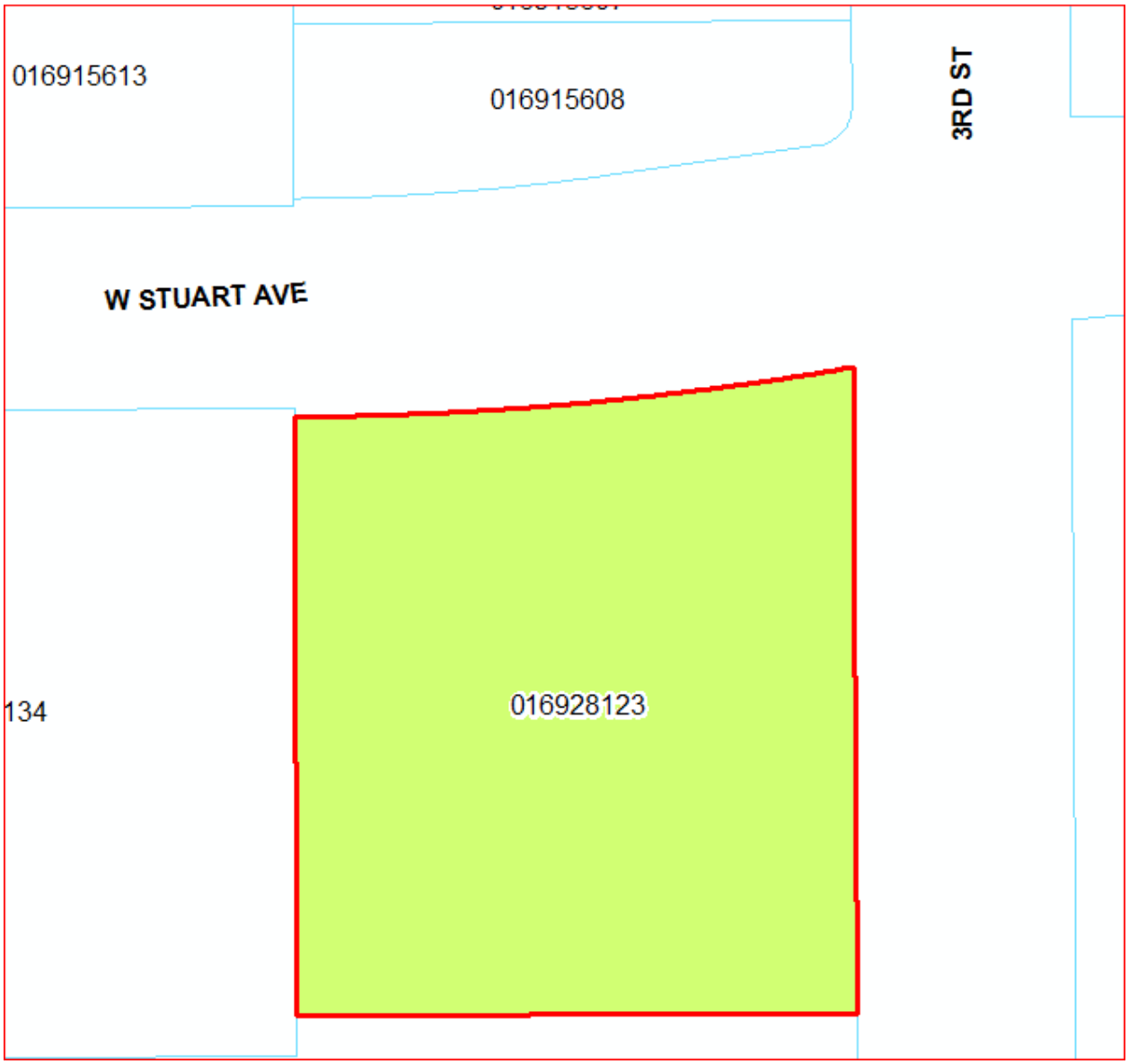
Already included in Annexation L6-N

Annexation L7-I



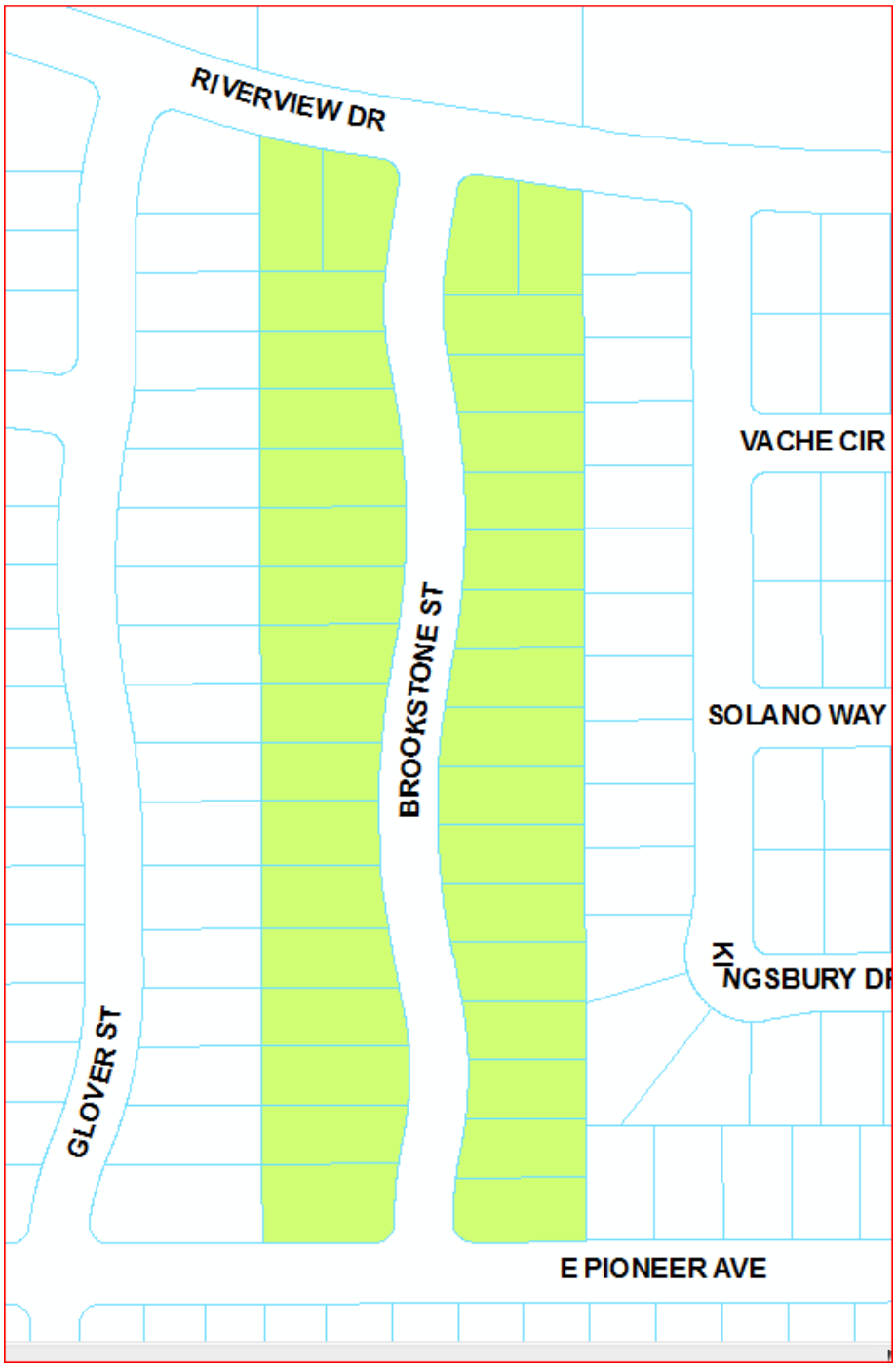
CUP 548

Annexation L8-A



CRA 637

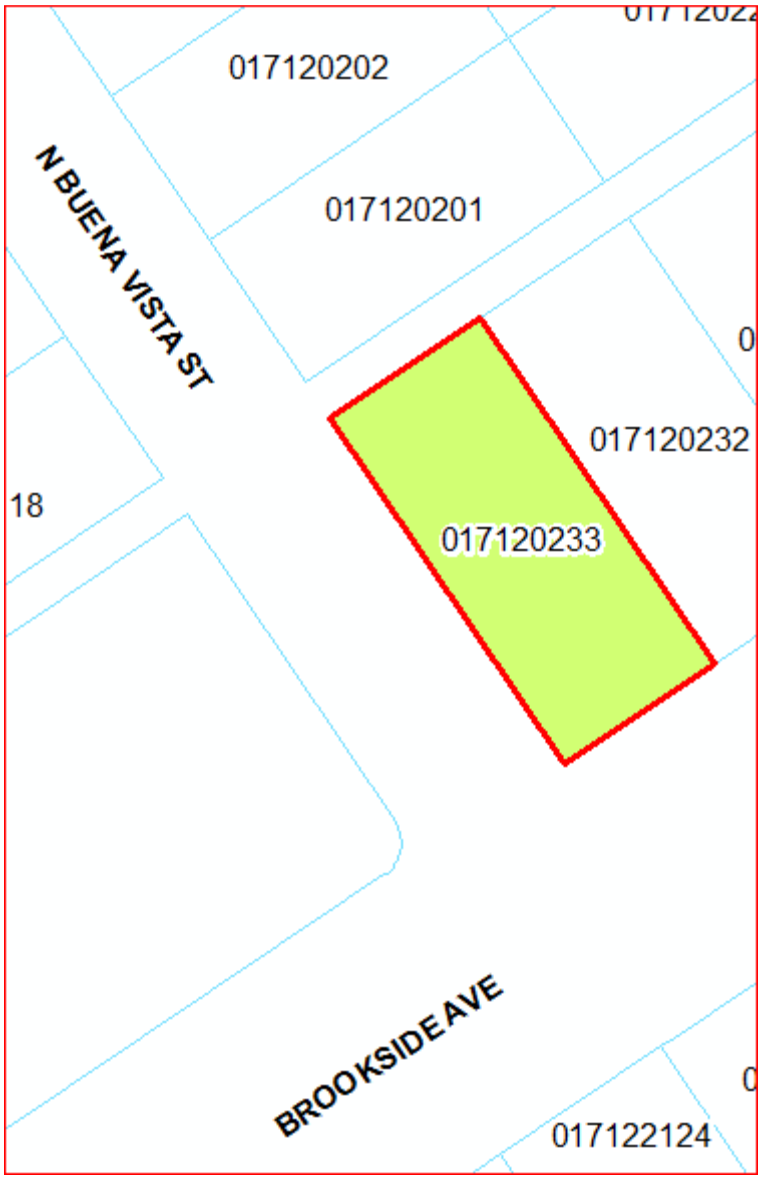
Annexation L8-B



Tract Map 10179

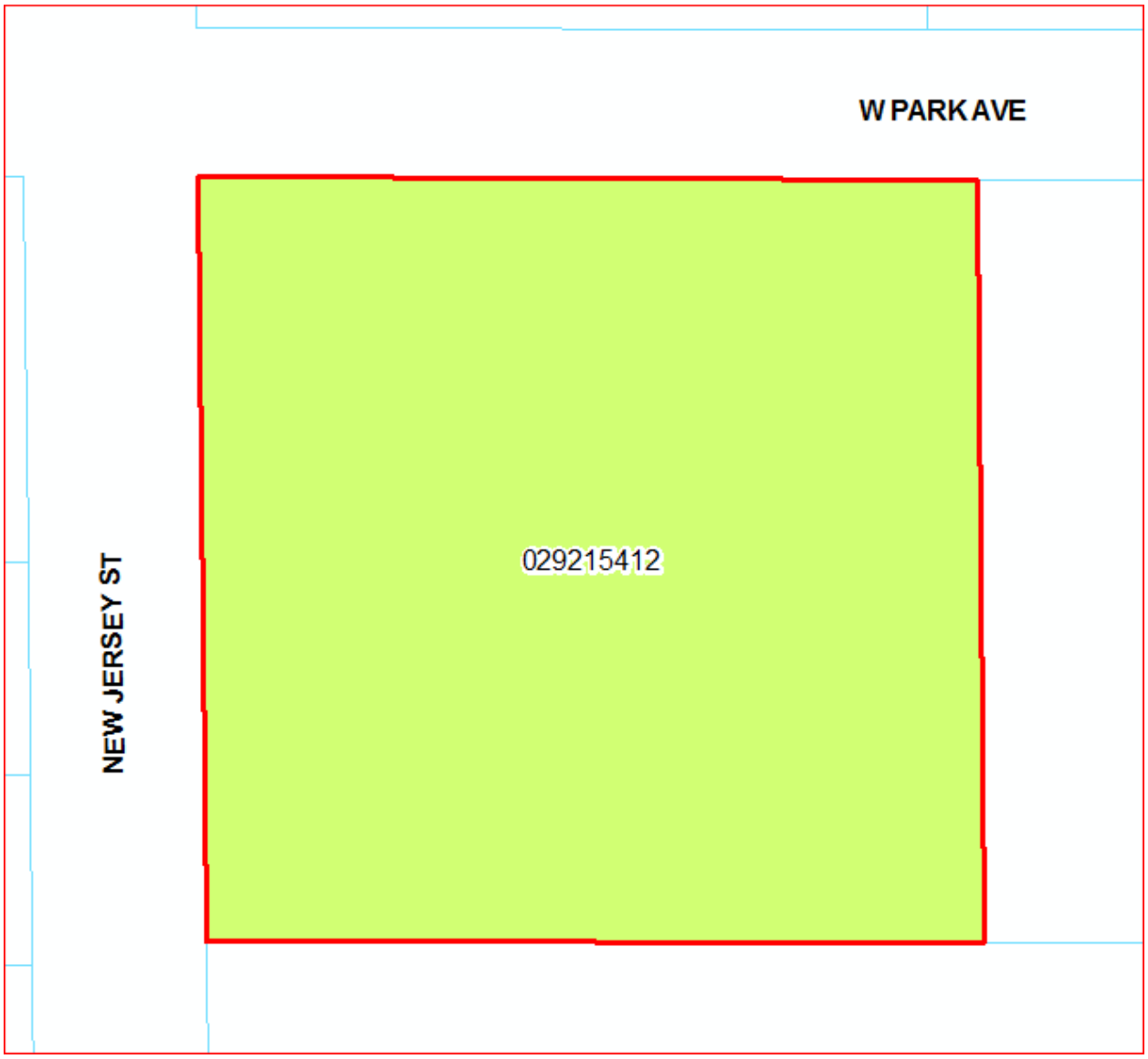
APN 0167-851-39 thru 56 and APN 0167-861-37 thru 54

Annexation L8-C



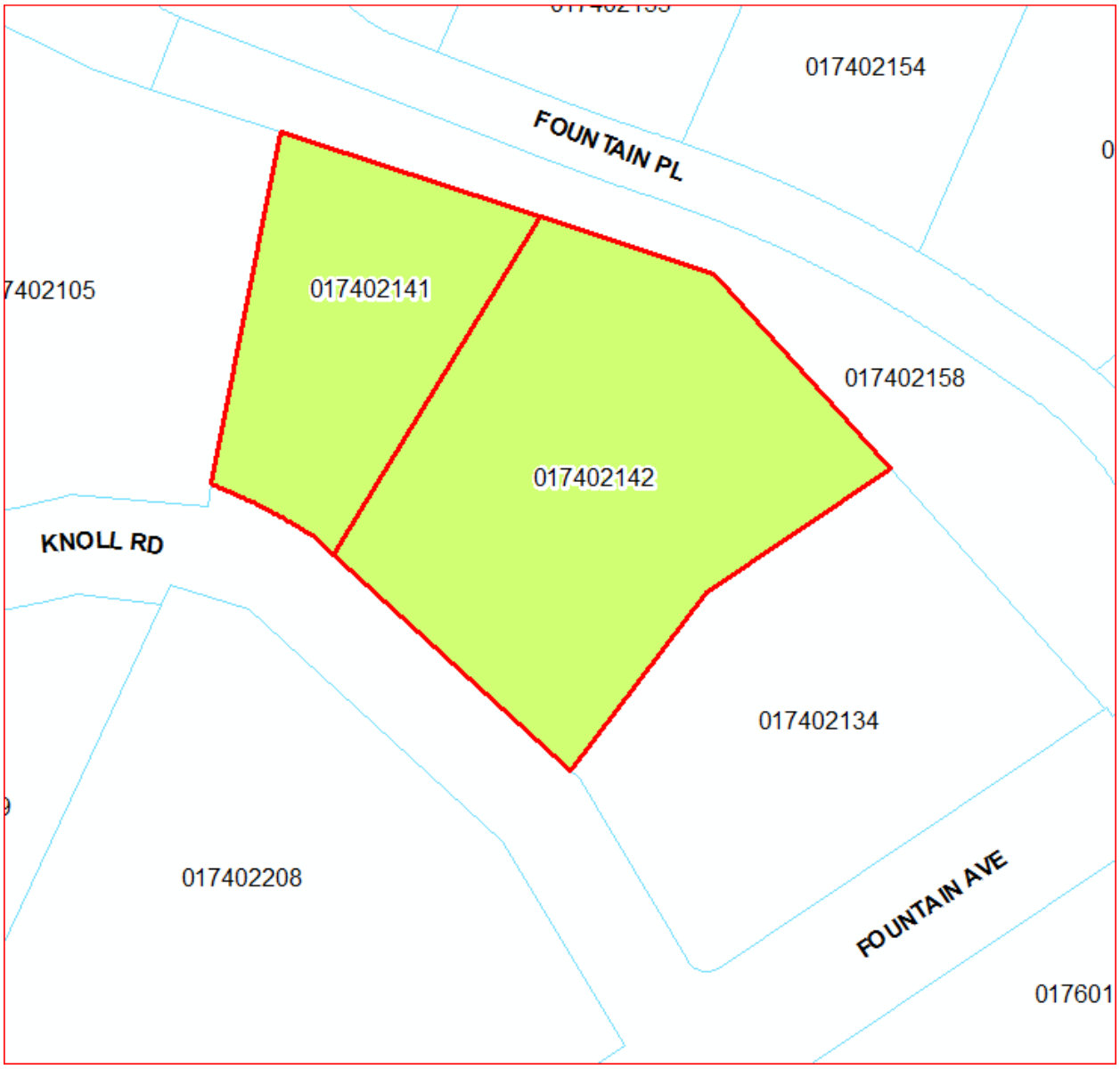
CUP 574

Annexation L8-D



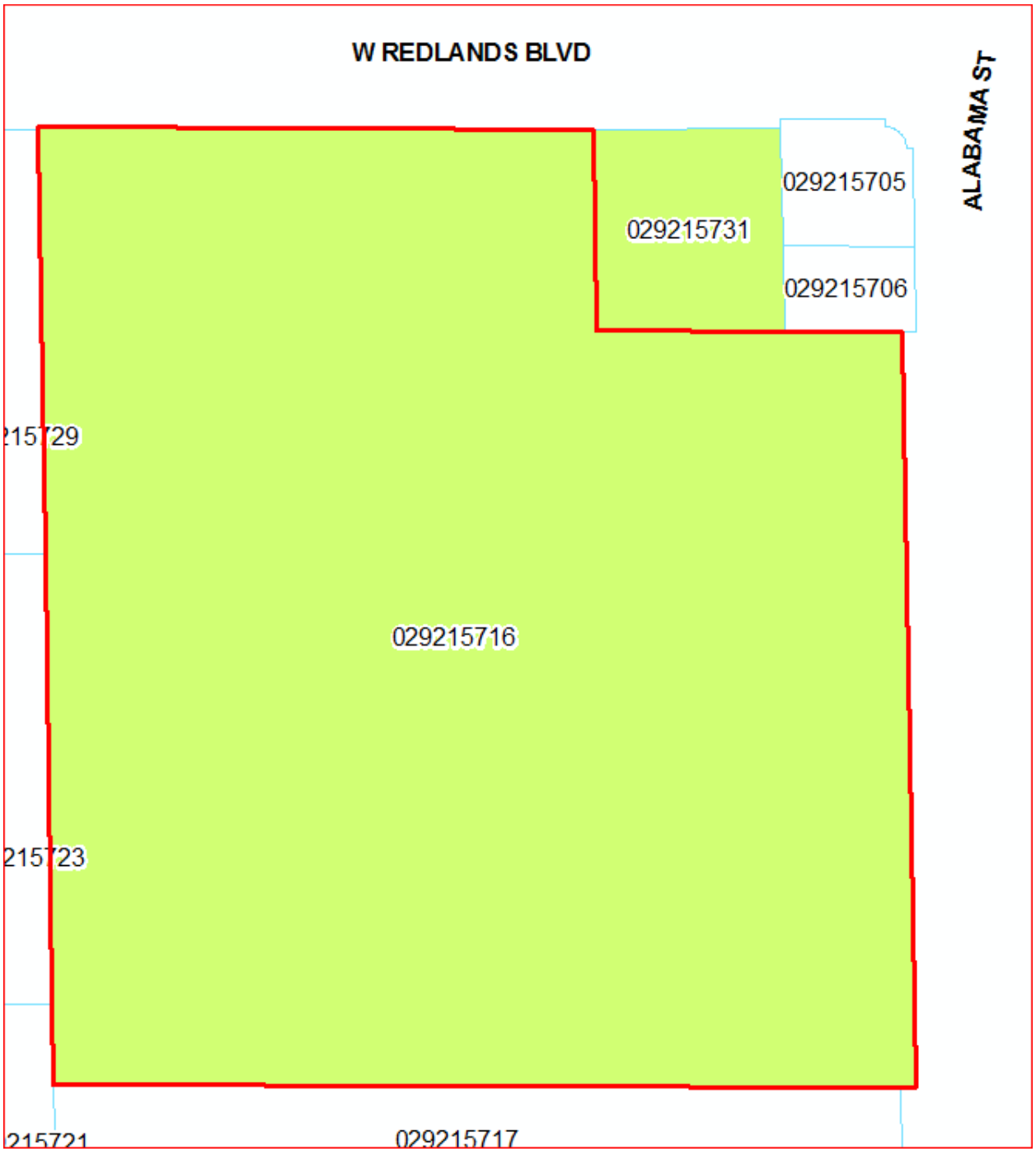
CUP 642

Annexation L8-E



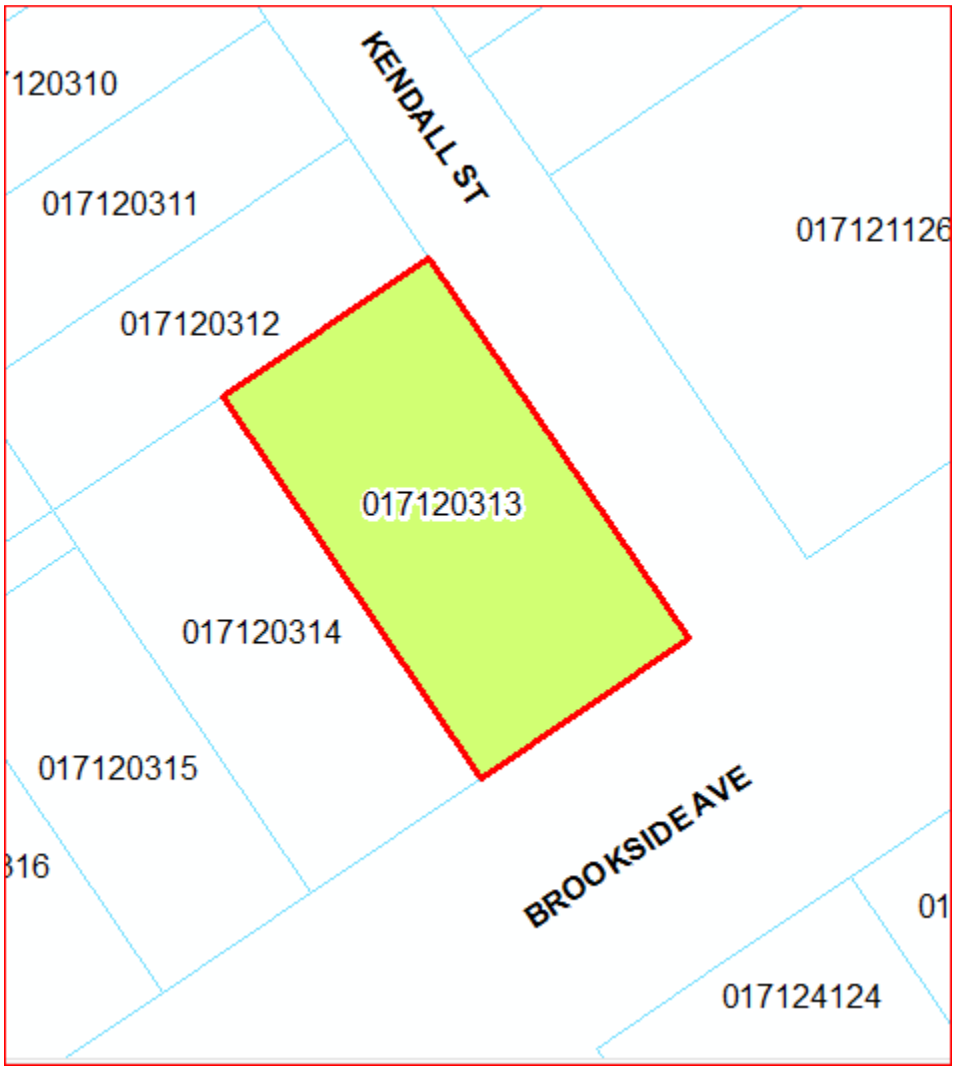
Parcel Map 14090

Annexation L9-A



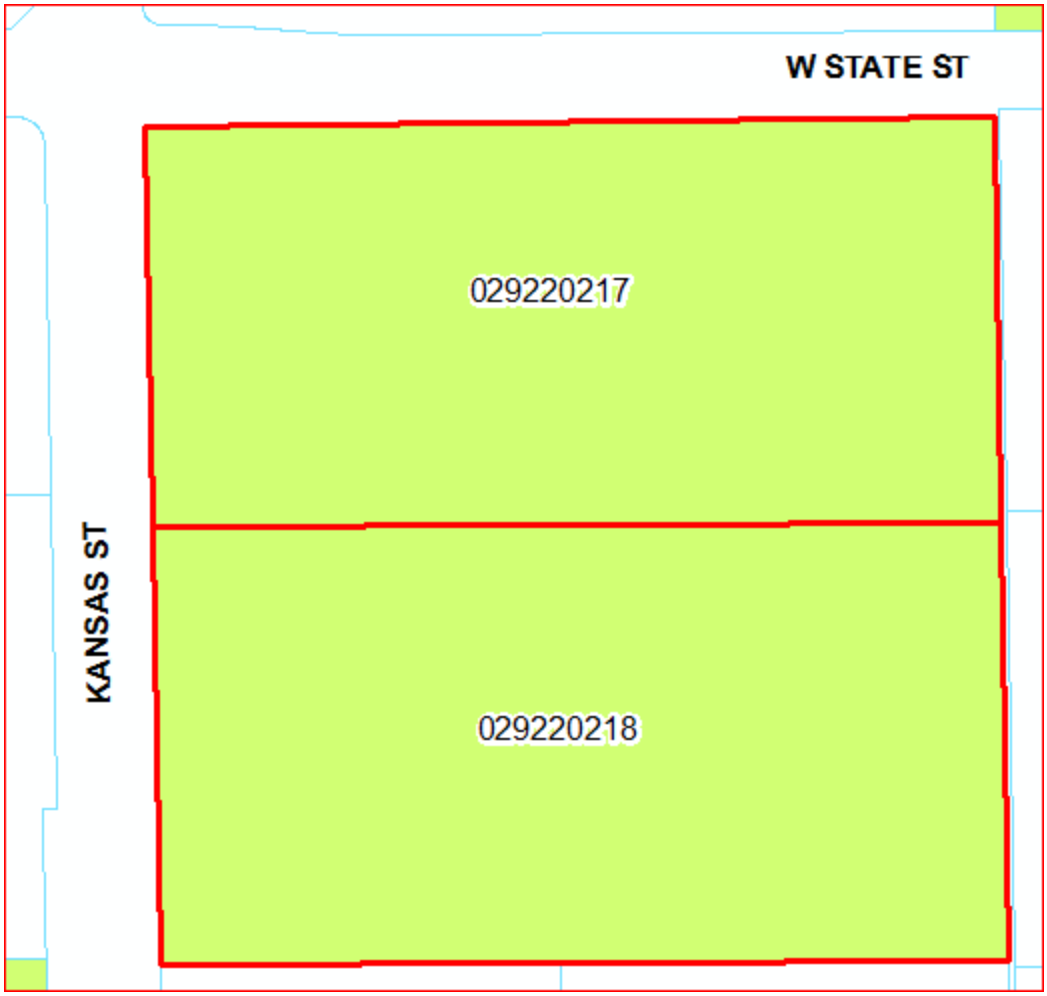
CRA 648

Annexation L9-B



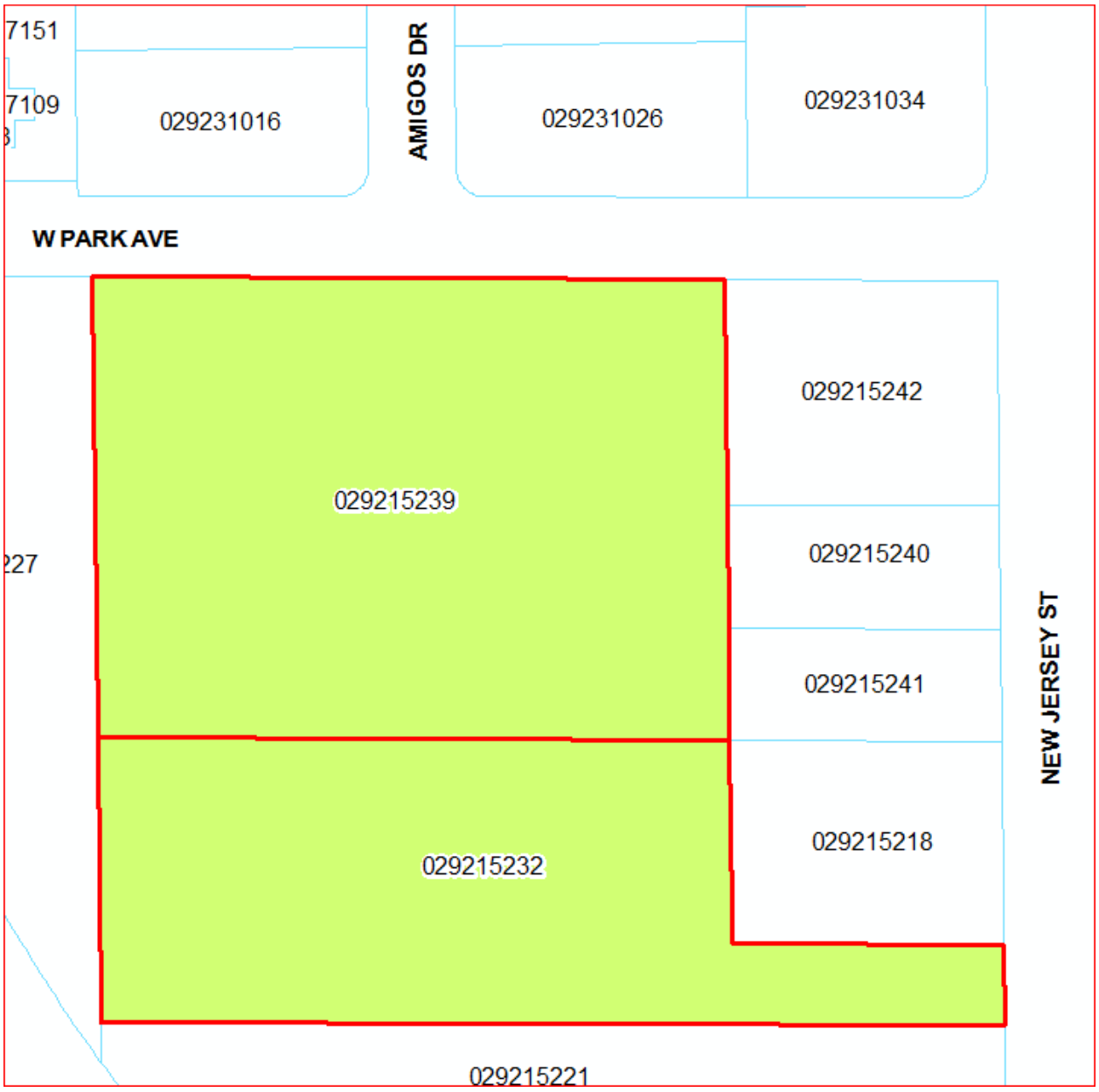
CUP 581

Annexation L10-A



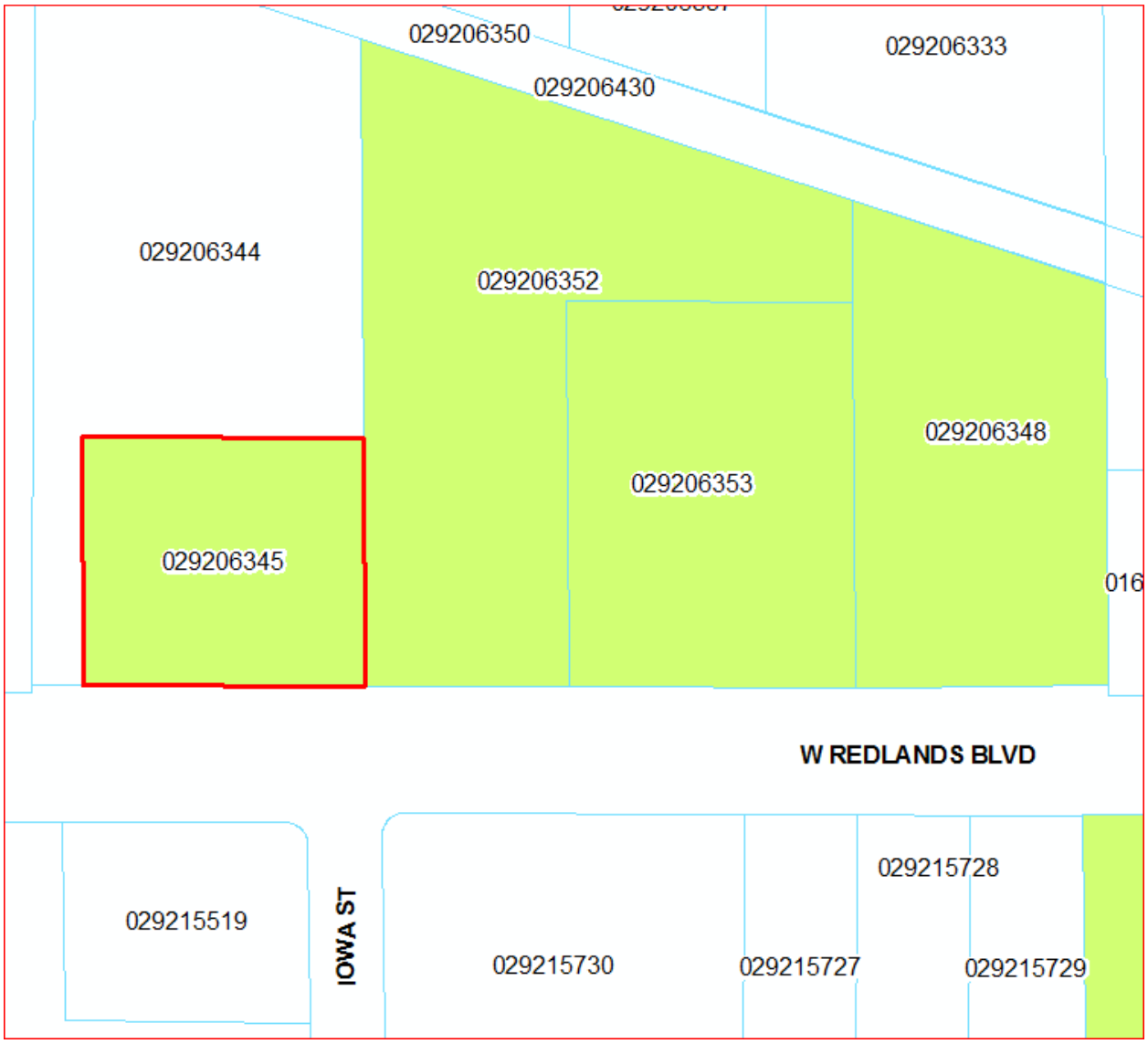
CRA 658

Annexation L10-B



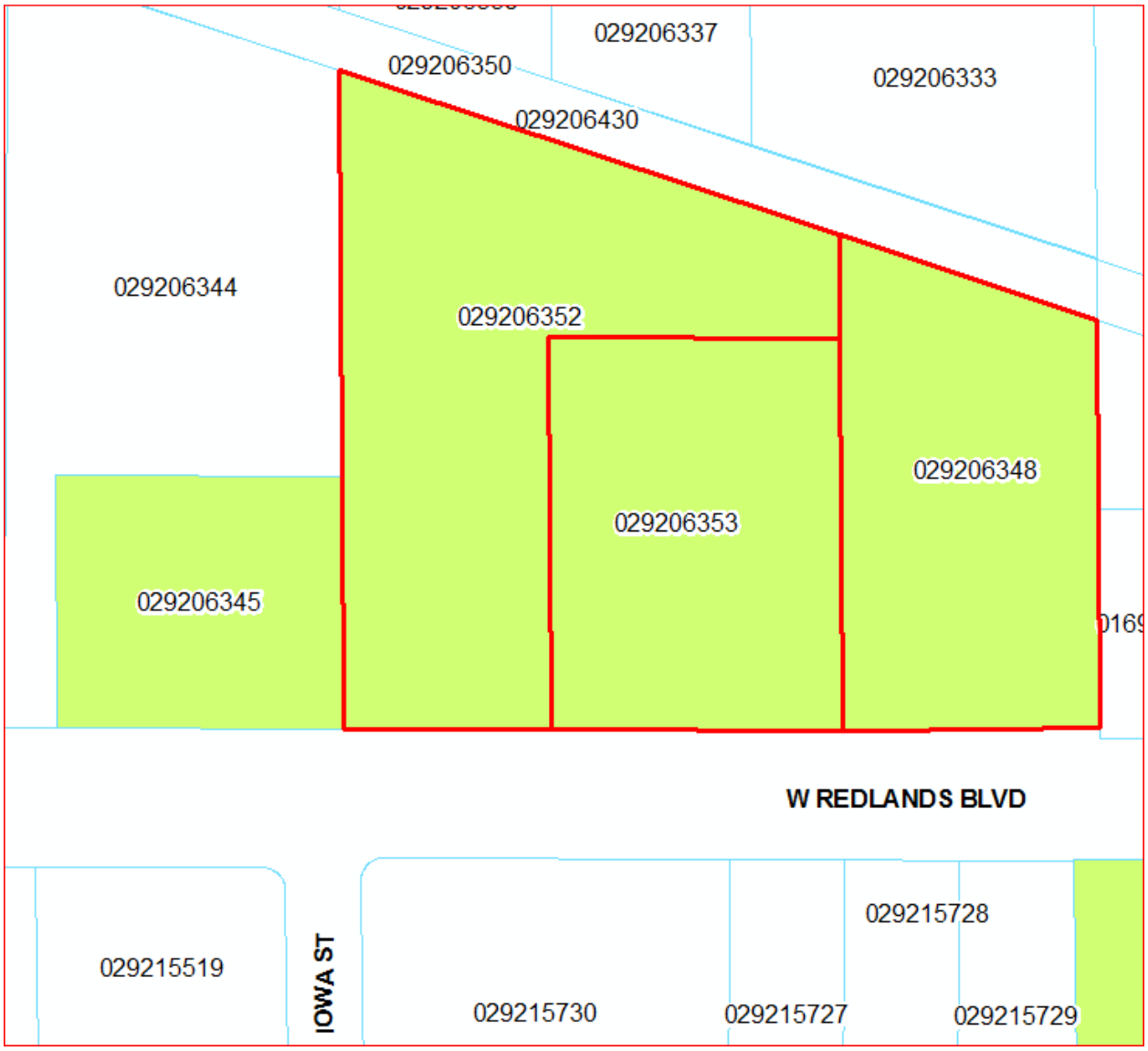
CRA 639

Annexation L10-C



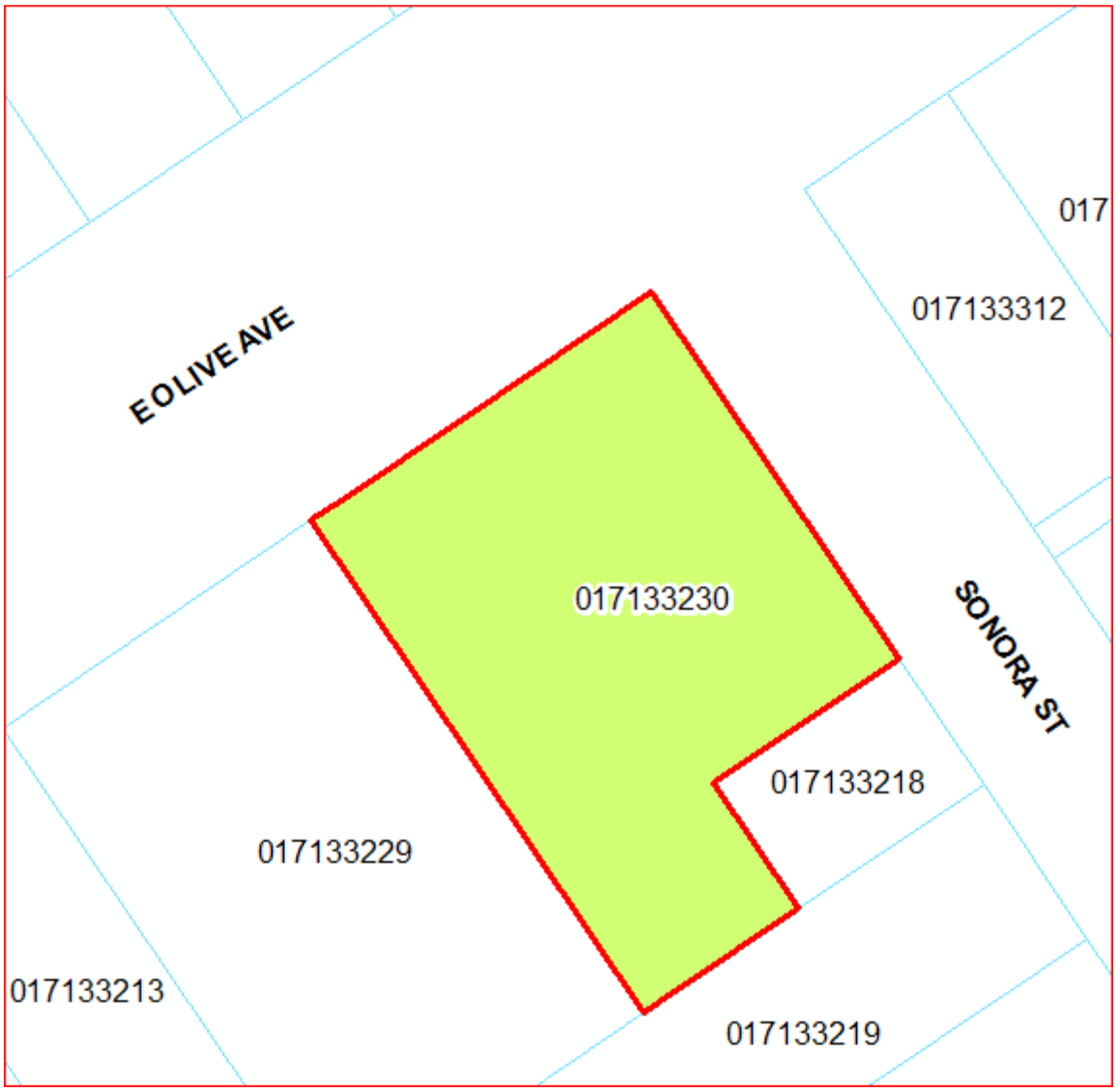
CRA 652

Annexation L10-D



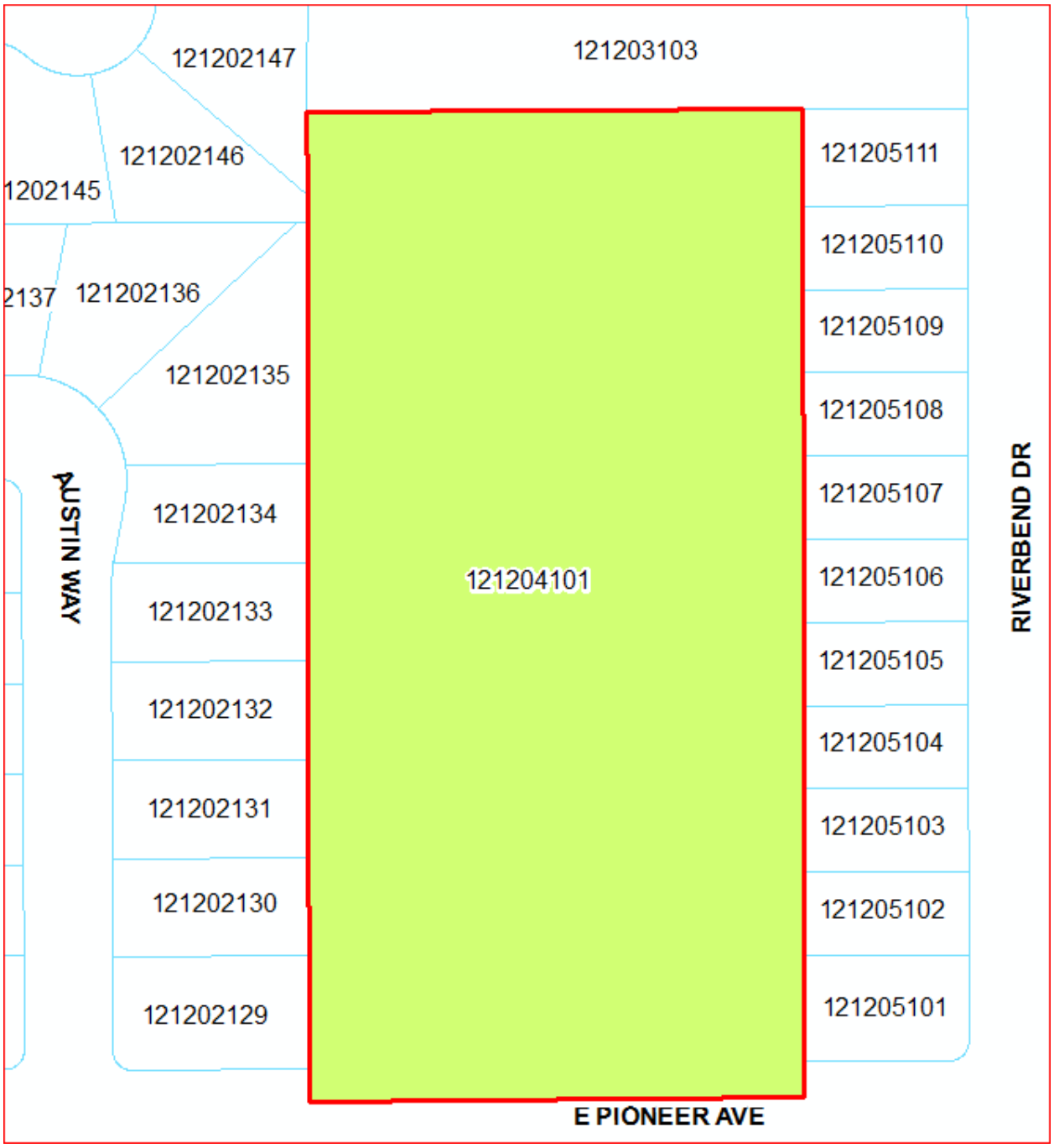
CUP 602

Annexation L10-E



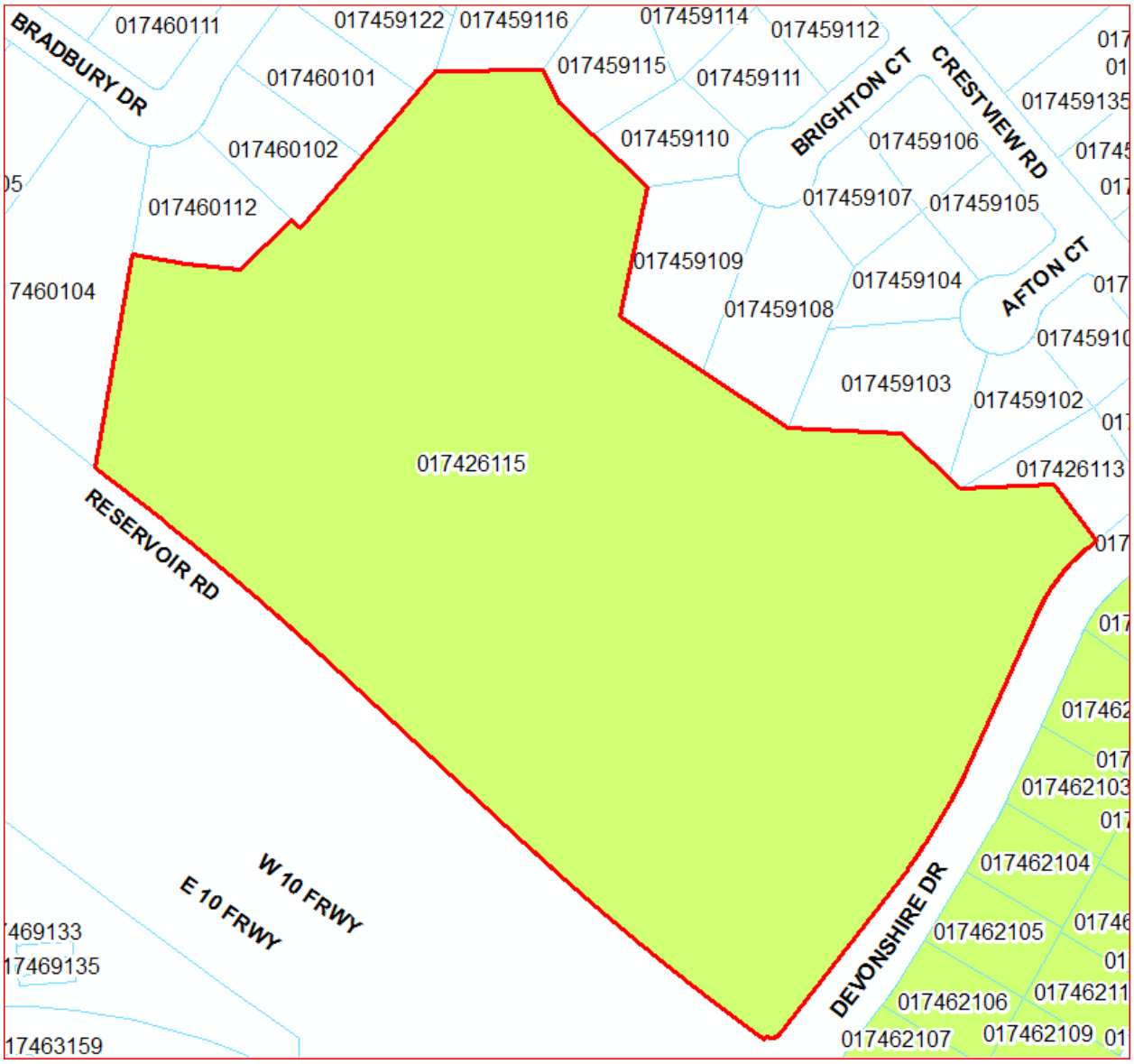
CUP 590

Annexation L10-F



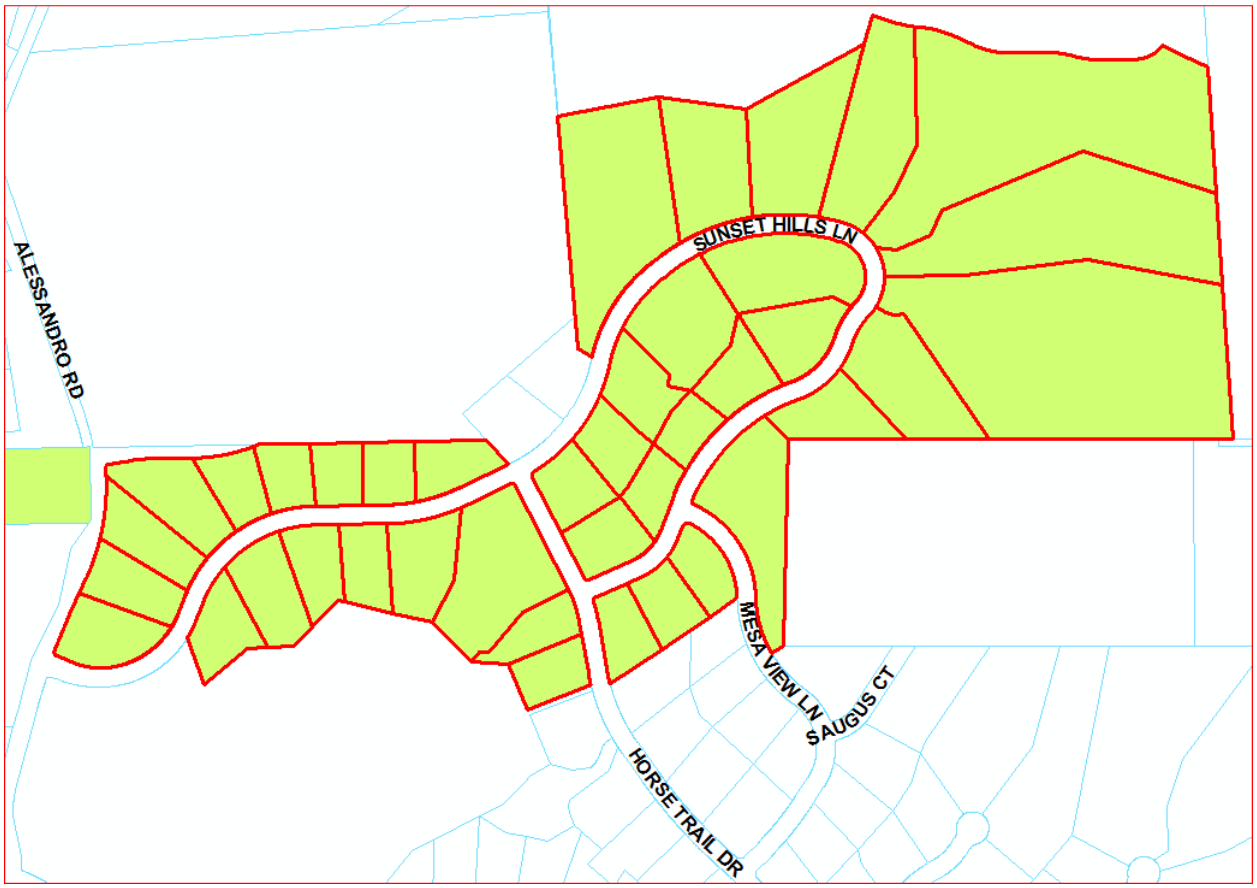
CUP 577

Annexation L10-G



CUP 541

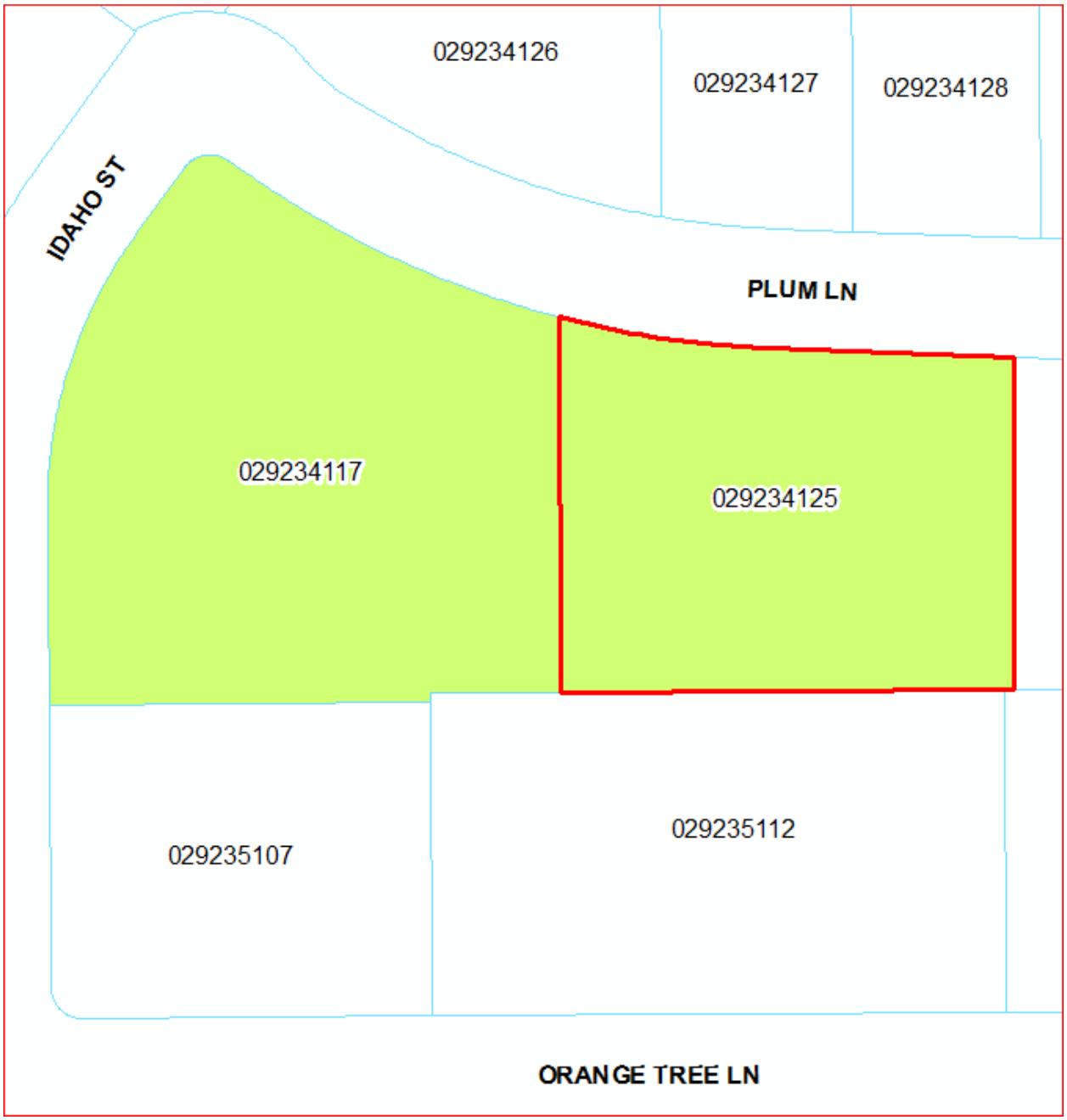
Annexation L10-H



Tract Map 14790-1

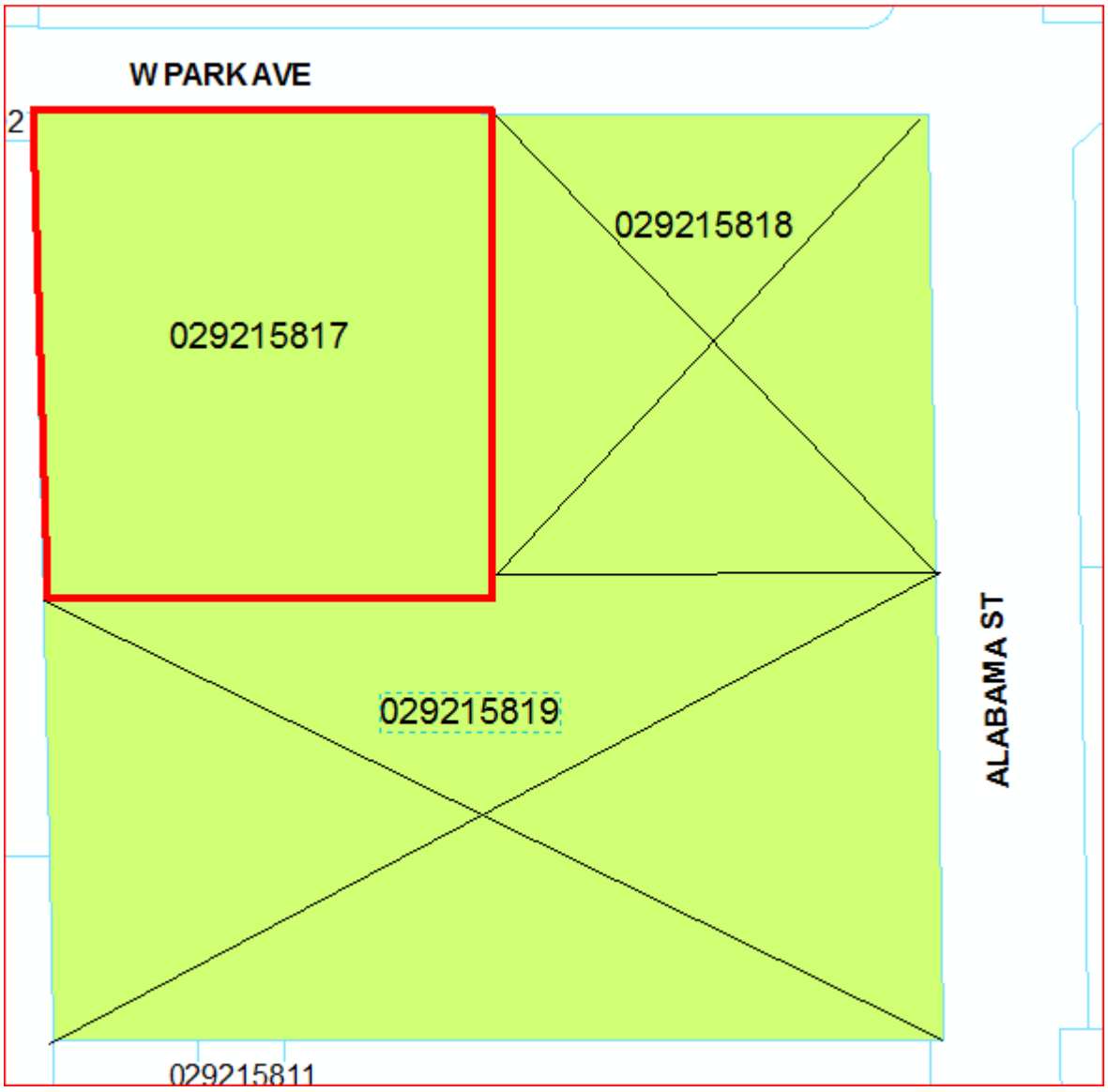
APN 0176-521-01 thru -13, APN 0176-521-18 thru -23
APN 0176-521-27 thru -32, APN 0176-531-01 thru -03
APN 0176-531-07 thru -09, APN 0176-531-12, -13, and -18
APN 0176-531-20 thru -22, APN 0176-531-24 thru -26

Annexation L11-A



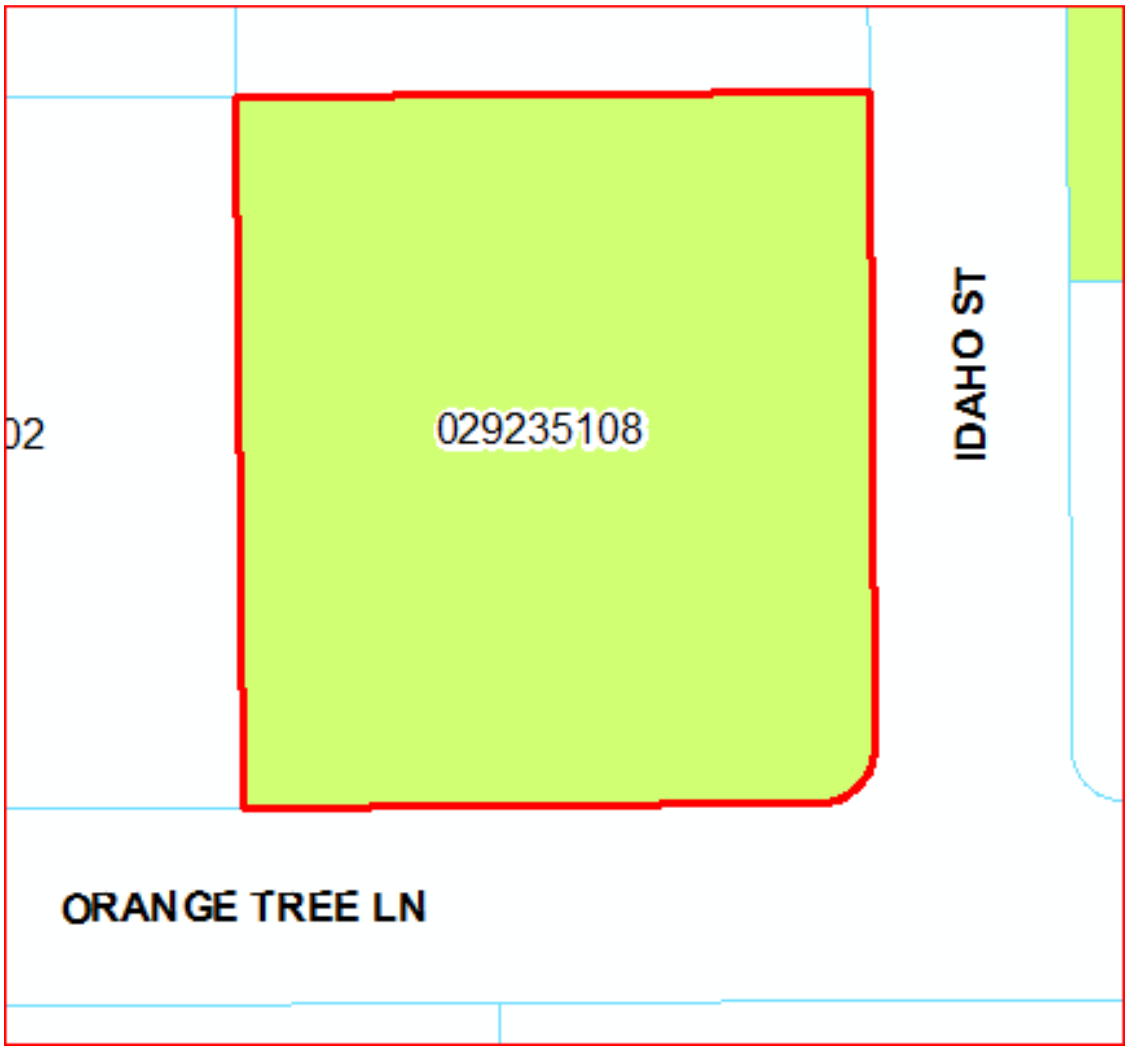
CRA 664

Annexation L11-B



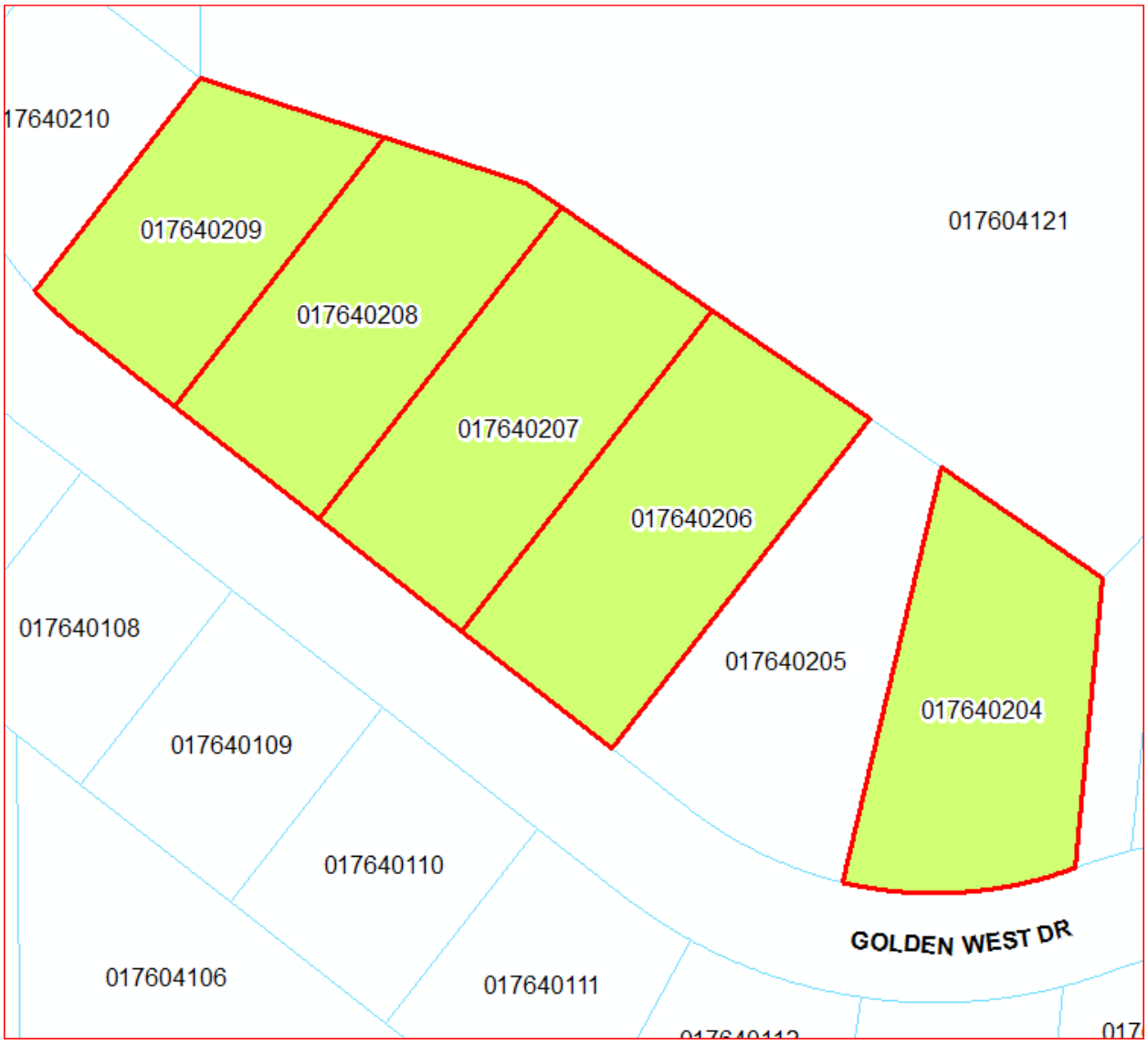
CRA 666

Annexation L11-C



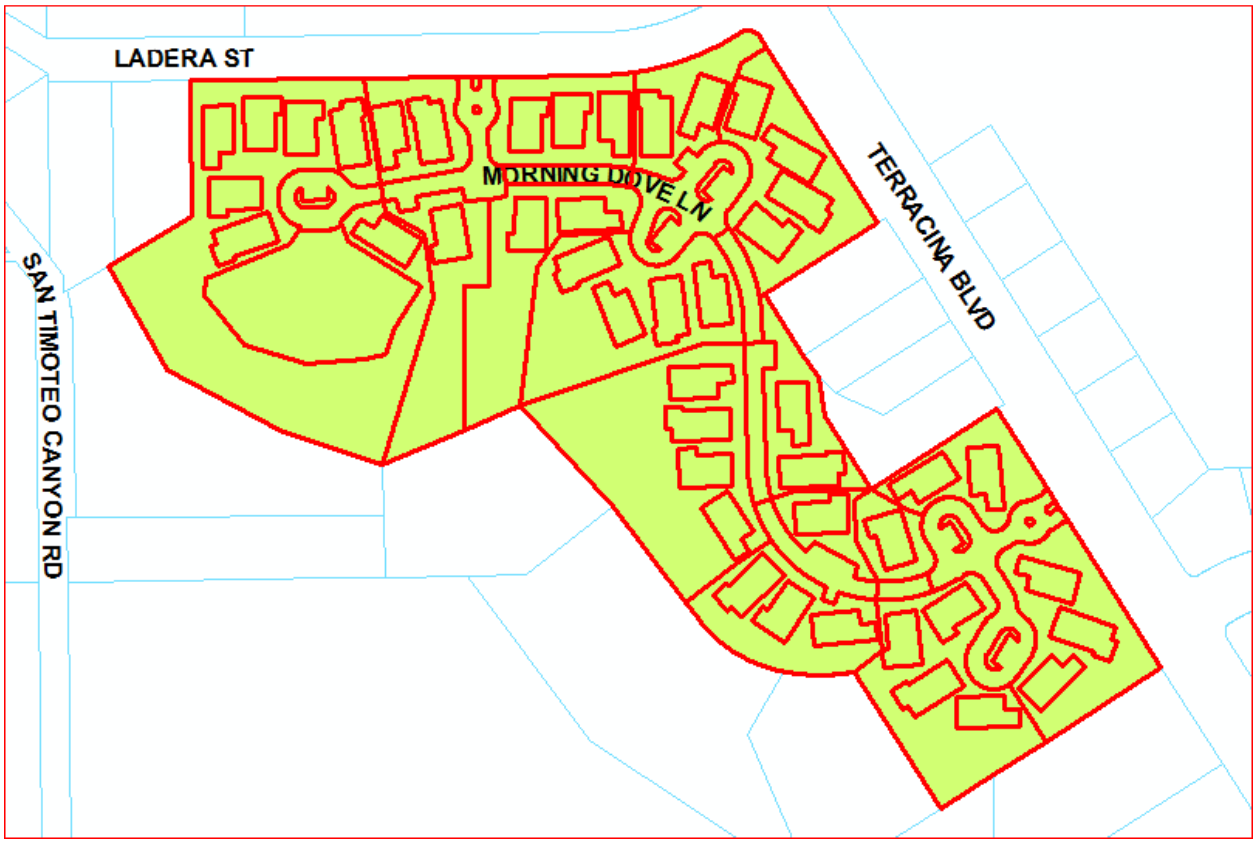
Tract 11535, Lot 36

Annexation L12-A, L12-B, L12-C, L12-D and L12-E



Annexation L12-A, APN 0176-402-09
Annexation L12-B, APN 0176-402-08
Annexation L12-C, APN 0176-402-07
Annexation L12-D, APN 0176-402-06
Annexation L12-E, APN 0176-402-04

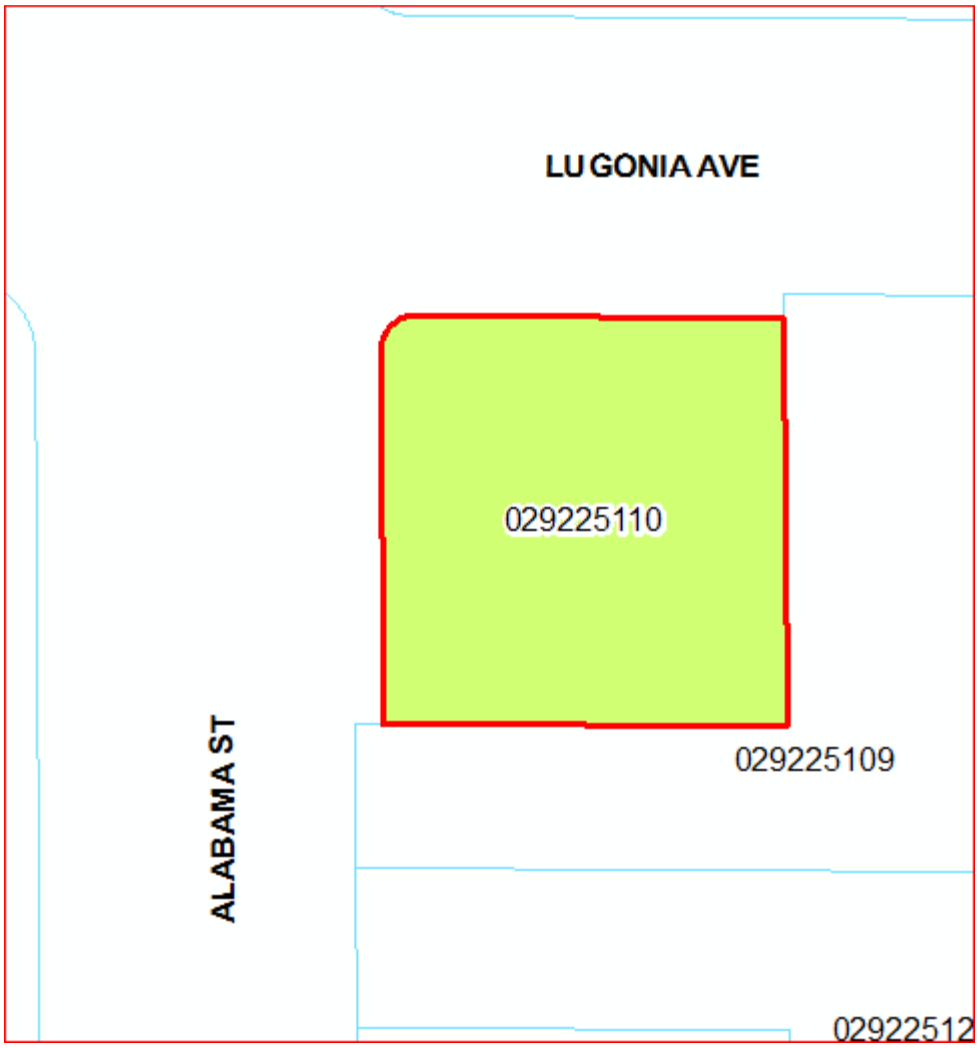
Annexation L12-F



Tract 15589

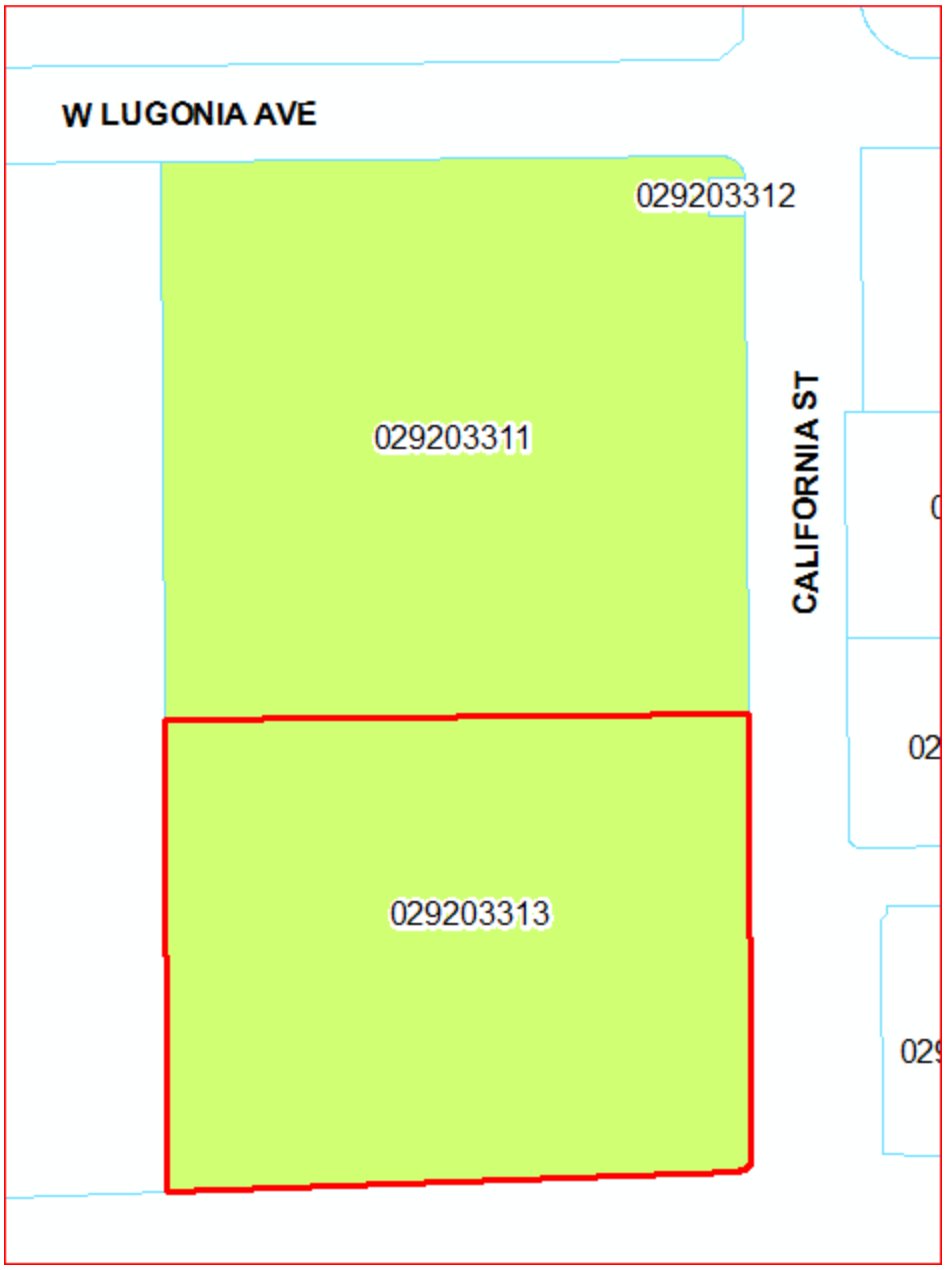
APN 0293-421-01 thru -45

Annexation L12-G



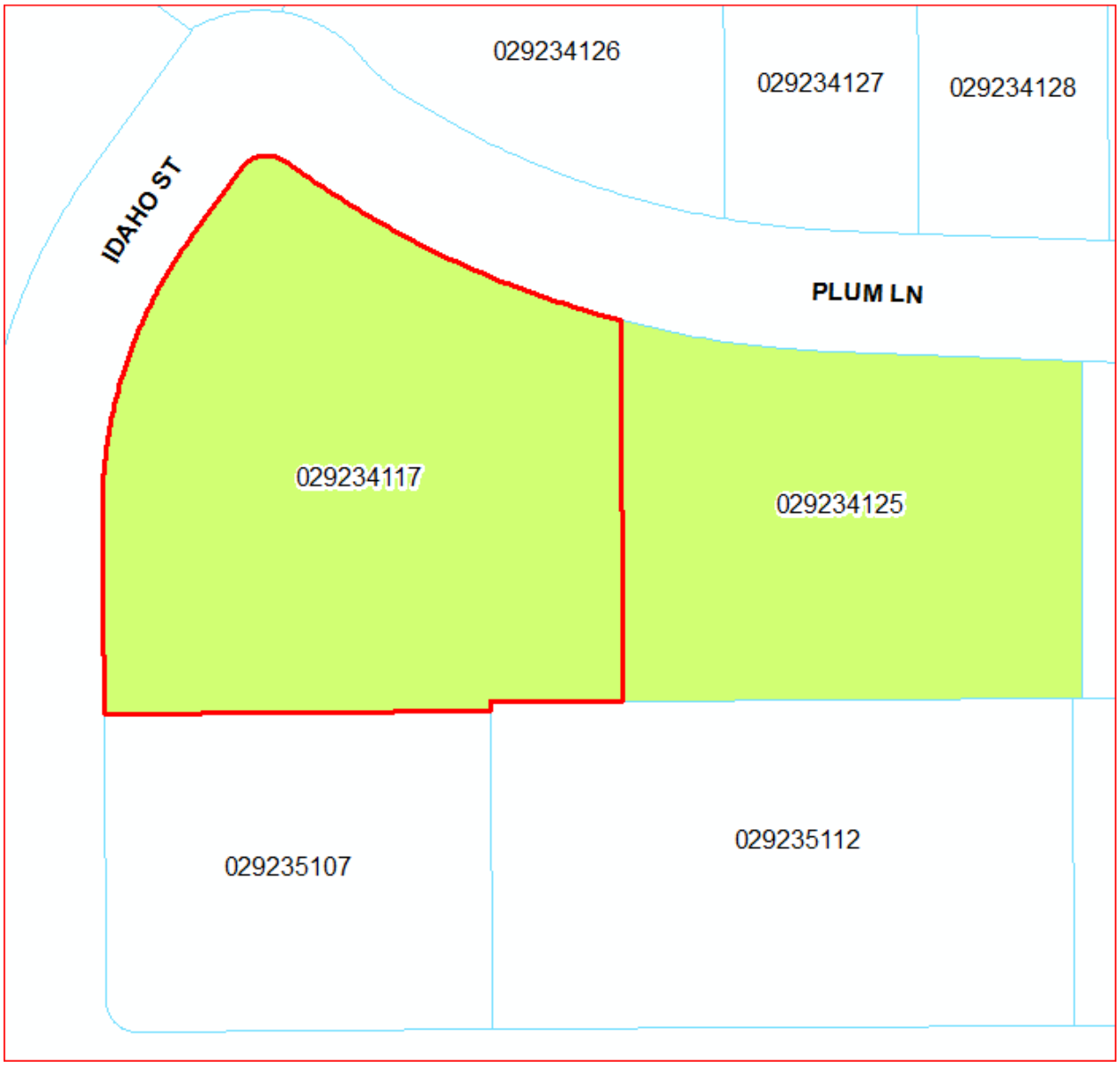
CUP 620

Annexation L12-H



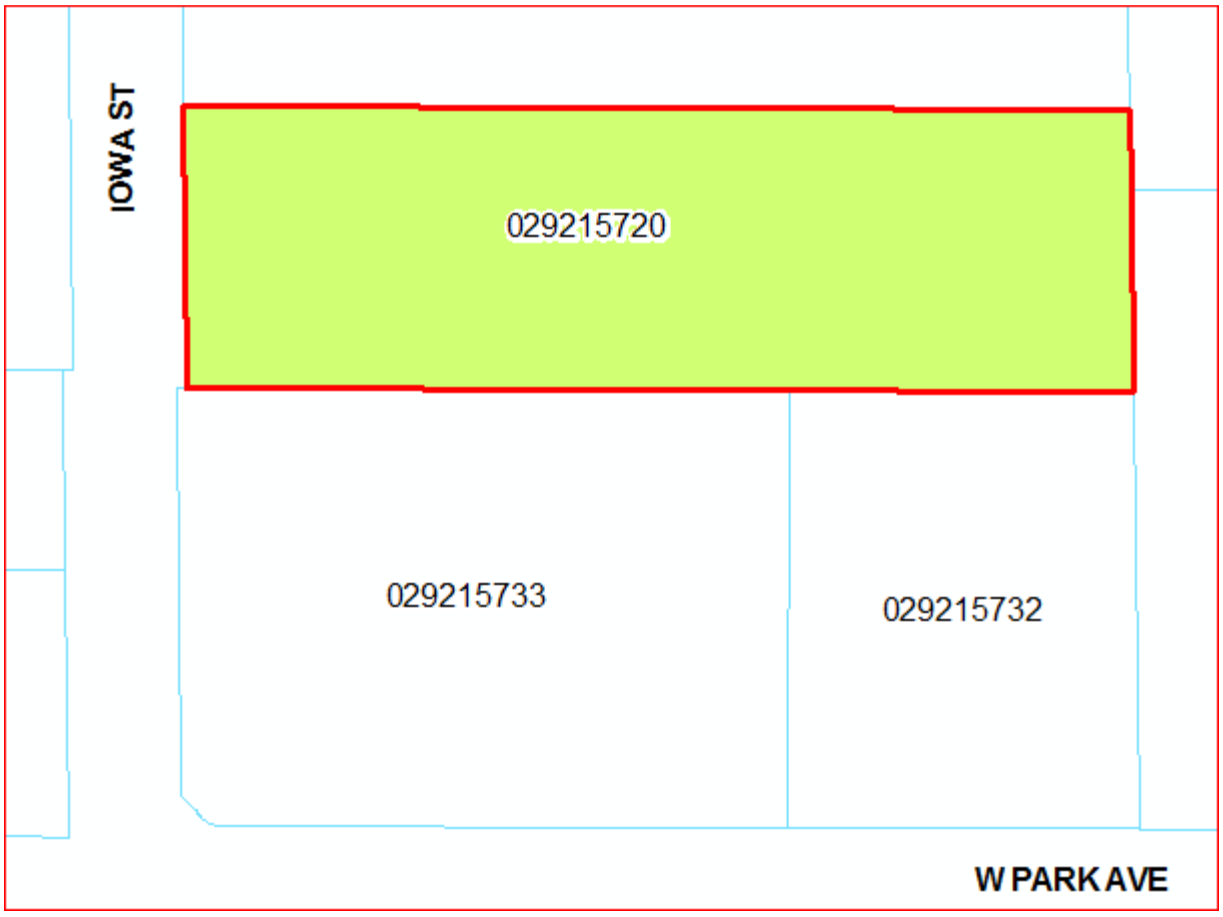
CUP 617

Annexation L12-I



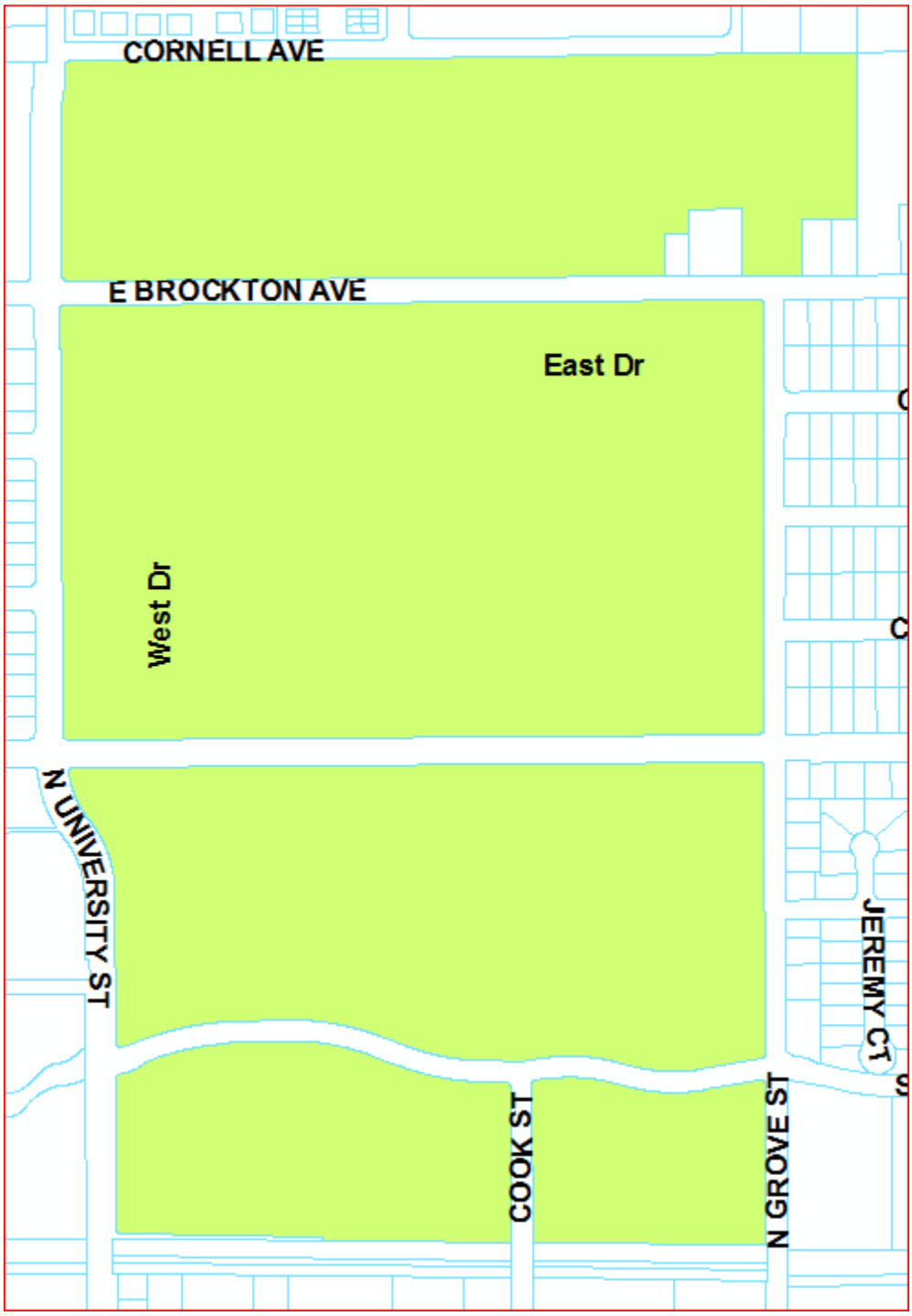
CRA 668

Annexation L12-J



CUP 670

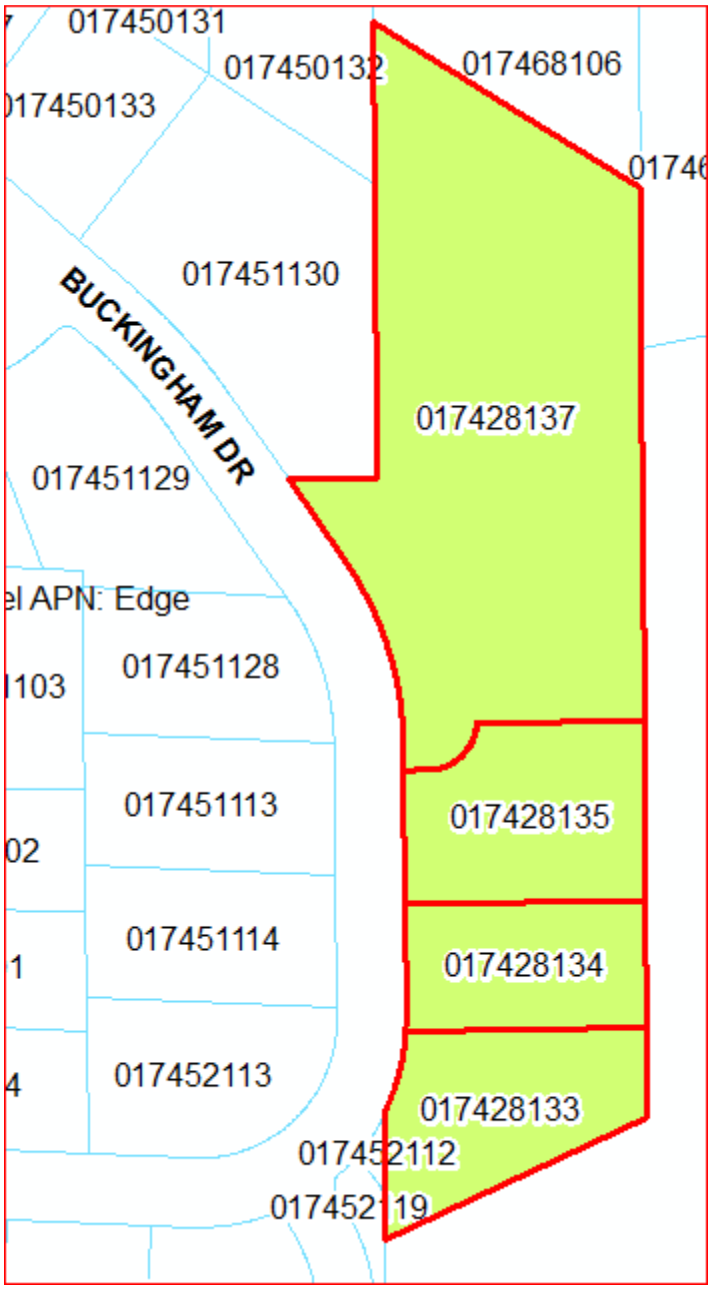
Annexation L12-K



MS 235

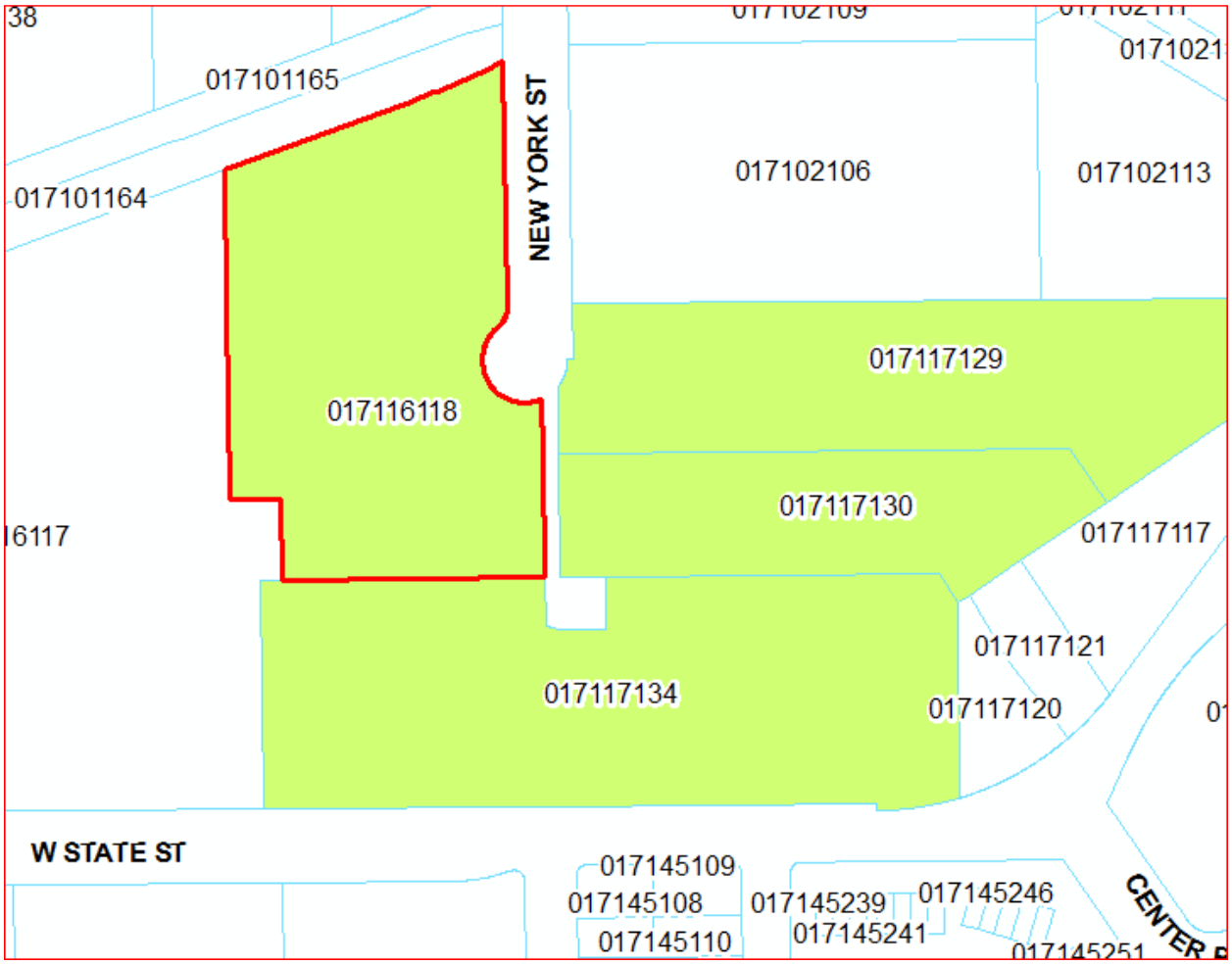
APN 0170-041-05, 0170-151-28, 0170-161-02, and 1212-431-02

Annexation L12-L



MS 221

Annexation L12-M



CRA 661

APPENDIX C

RESOLUTIONS

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CITY OF REDLANDS
LANDSCAPE MAINTENANCE DISTRICT NO. 1

APPENDIX C – RESOLUTIONS

Resolution No 8294 – Institute proceedings and appointment of engineer

Resolution No 8295 – Preliminary approval of engineer's report

Resolution No 8296 – Declaring intention to levy assessments

Resolution No 8297 – Confirming a diagram and assessments

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RESOLUTION NO. 8294

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS INSTITUTING PROCEEDINGS FOR THE CONTINUED LEVY OF ASSESSMENTS, APPOINTING AN ASSESSMENT ENGINEER, AND ORDERING THE PREPARATION OF AN ENGINEER'S REPORT IN THE MATTER OF STREET LIGHTING DISTRICT NO. 1 AND LANDSCAPE MAINTENANCE DISTRICT NO. 1

WHEREAS, the City Council of the City of Redlands (this "City Council") has determined that the public interest, convenience and necessity requires the installation, operation and maintenance of a street lighting system and other facilities as set forth in Section 22525 of the California Streets and Highways Code; and

WHEREAS, it has been determined by the City Council of the City of Redlands (this "City Council"), that the public interest, convenience and necessity requires the maintenance of landscaping as set forth in Section 22525 of the California Streets and Highways Code; and

WHEREAS, this City Council has formed Redlands' Street Lighting District No. 1 to pay the costs associated with the installation, operation and maintenance of such street lighting system and other facilities; and

WHEREAS, this City Council has formed Redlands' Landscape Maintenance District No. 1 to pay the costs for the maintenance such landscaping; and

WHEREAS, it is the desire of this City Council to initiate proceedings and order the preparation of an engineer's report to levy assessments for fiscal year 2022-2023 upon properties located within Street Lighting District No. 1 and Landscape Maintenance District No. 1; and

WHEREAS, this City Council further desires to appoint Redlands' Engineering Manager, Goutam Dobey, RCE No. 75646, as the "Assessment Engineer" for Street Lighting District No. 1 and Landscape Maintenance District No. 1;

NOW, THEREFORE, the City Council of the City of Redlands does hereby find, determine and resolve as follows:

Section 1. That the public interest, convenience and necessity requires the continued levy of assessments within Street Lighting District No. 1 for the purpose of installing, operating and maintaining street lights and associated facilities as authorized by Section 22620 of the California Streets and Highways Code and in compliance with Article XIIID, and Section 19 of Article XVI, of the California Constitution.

Section 2. That the public interest, convenience and necessity requires the continued levy of assessments within Landscape Maintenance District No. 1 for the purpose of maintaining landscaping and improvements as authorized by Section 22620 of the California Streets and

Highways Code and in compliance with the requirements of Article XIIID and Section 19 of Article XVI of the California Constitution.

Section 3. That the properties to be assessed for the installation, operation and maintenance of the street lighting facilities shall be those properties located within the boundaries of Street Lighting District No. 1.

Section 4. That the properties to be assessed for the maintenance and operation of the landscaping and improvements shall be those properties located within the boundaries of Landscape Maintenance District No. 1.

Section 5. That the proceedings for the continued levy of assessments within Street Lighting District No. 1 and Landscape Maintenance District No. 1 shall be conducted in accordance the with provisions of Division 15 of the California Streets and Highways Code (the Landscaping and Lighting Act of 1972) and in compliance with the requirements of Article XIIID, and Section 19 of Article XVI, of the California Constitution.

Section 6. That Redlands' Engineering Manager, Goutam Dobey, RCE No. 75646, having an office located at 35 Cajon Street, Suite 15A, Redlands, California, is hereby appointed "Assessment Engineer" and shall have the authority conferred upon the Assessment Engineer by the Landscaping and Lighting Act of 1972.

Section 7. That the Assessment Engineer is hereby ordered to prepare a report in accordance with the Landscaping and Lighting Act of 1972.

ADOPTED, SIGNED AND APPROVED this 3rd day of May, 2022.

_____

Paul T. Barich, Mayor

ATTEST:

_____

Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, do hereby certify that the foregoing Resolution was duly adopted by the City Council at a regular meeting thereof, held on the 3rd day of May, 2022 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

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RESOLUTION NO. 8295

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS GIVING PRELIMINARY APPROVAL OF THE ENGINEER'S REPORTS FOR FISCAL YEAR 2022-2023 FOR STREET LIGHTING DISTRICT NO. 1 AND LANDSCAPE MAINTENANCE DISTRICT NO. 1

WHEREAS, the City Council of the City of Redlands (the "City Council") has heretofore determined that the public interest, convenience and necessity require the maintenance and operation of street lighting and appurtenant facilities, as set forth in Section 22525 of the Streets and Highways Code, within the incorporated boundaries of the City of Redlands; and

WHEREAS, the City Council has heretofore determined that the public interest, convenience and necessity require the maintenance of landscape and irrigation facilities set forth in Section 22525 of the Streets and Highways Code, State of California, within the incorporated boundaries of the City of Redlands; and

WHEREAS, Goutam Dobey, City of Redlands' Engineering Manager, 35 Cajon Street, Suite 15A, Redlands, California, has been appointed "Assessment Engineer" with all provisions of Part 2 of Division 15 of the Streets and Highways Code applicable to the Engineer being applied to the "Assessment Engineer;" and

WHEREAS, Sections 22622 and 22623 of the Streets and Highways Code require that an Engineer's Report be prepared and filed annually, specifying the assessments to be levied against the benefitting properties within the City's Street Lighting District No. 1 and Landscape Maintenance District No. 1; and

WHEREAS, the City of Redlands Engineering Manager, as the Assessment Engineer, has prepared and filed with the City Clerk reports in writing as required by the Landscaping and Lighting Act of 1972 and in compliance with Article XIIID of the California Constitution; and

WHEREAS, the City Council has duly considered said reports and each and every part thereof; and finds that each and every part of said reports is sufficient, and that no part of said reports requires modification in any respect;

NOW, THEREFORE, be it resolved by the City Council of the City of Redlands as follows:

Section 1. That the Engineer's estimate of the itemized costs and expenses of said work and of the incidental expenses in connection therewith, contained in said reports be, and each of them are hereby, preliminarily approved and confirmed.

Section 2. That the diagram showing the Street Lighting District No. 1 and Landscape Maintenance District No. 1 referred to and described in said reports, and the boundaries of the lots and parcels of land within such assessment district as the same existed at the time of passage of this resolution, are hereby preliminarily approved and confirmed.

Section 3. That the proposed assessment upon the properties in Street Lighting District No. 1 and Landscape Maintenance District No. 1, in proportion to the estimated benefit to be received by such properties, respectively, from said work and of the incidental expenses thereof, as contained in said report is hereby preliminarily approved and confirmed.

Section 4. That said reports shall stand as the Engineer's Report for the purposes of all subsequent proceedings for Street Lighting District No. 1 and Landscape Maintenance District No. 1.

APPROVED AND ADOPTED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

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RESOLUTION NO. 8296

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS DECLARING ITS INTENTION TO LEVY AND COLLECT ASSESSMENTS WITHIN REDLANDS' STREET LIGHTING ASSESSMENT DISTRICT NO. 1 AND LANDSCAPE ASSESSMENT DISTRICT NO. 1 FOR FISCAL YEAR 2021-2022 PURSUANT TO THE LANDSCAPING AND LIGHTING ACT OF 1972, AND ESTABLISHING A TIME AND PLACE FOR PUBLIC HEARINGS FOR THE TWO DISTRICTS TO CONSIDER PROTESTS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS AS FOLLOWS:

Section 1. The City Council of the City of Redlands hereby (1) finds that the public interest and convenience requires, and (2) declares its intention to levy and collect, assessments against the lots and parcels of property within an existing assessment districts designated "Redlands' Street Lighting Assessment District No. 1 and Landscape Assessment District No. 1" (the "Districts") pursuant to the provisions of the Landscaping and Lighting Act of 1972, Part 2 of Division 15 of the Streets and Highways Code (commencing with Section 22500) (the "Act") for fiscal year 2022-2023, commencing July 1, 2022, and ending June 30, 2023, to pay for the costs and expenses of the improvements described in Section 3 hereof.

Section 2. Reference is hereby made to a map on file in the office of the City Clerk and open for public inspection for a description of the exterior boundaries of the Districts.

Section 3. The proposed improvements are briefly described as follows: The operation, maintenance and servicing of public within the District, including the operation, maintenance and servicing of public lighting facilities and landscaping, including safety lighting, traffic signals, trees, shrubs, grass and other ornamental vegetation, and appurtenant facilities, located along public roadways, streets and rights-of-way within the boundaries of the Districts. "Maintenance" means the furnishing of services and materials for the ordinary and usual maintenance, operation and servicing of the public lighting and landscaping facilities, and appurtenant facilities, including repair, removal or replacement of all or part of any of the public lighting and landscaping facilities, or appurtenant facilities. "Servicing" means the maintenance of any of the public lighting and landscaping facilities or appurtenant facilities, including the furnishing of electric current, energy or gas for the operation of any of the lighting facilities and the furnishing of water for the irrigation of any of the landscaping facilities.

Section 4. The assessments to be levied and collected against the assessable lots and parcels of property within the Districts for fiscal year 2022-2023 are not proposed to increase from the assessments levied and collected for fiscal year 1997-1998.

Section 5. Public property owned by any public agency and in use in the performance of a public function which is included within the boundaries of the Districts shall not be subject to assessment to be made under these proceedings to cover any of the costs and expenses of the improvements.

Section 6. All railroad, gas, water and electric utility rights-of-way are included within the Districts and shall be assessed in accordance with the benefits received from the improvements.

Section 7. Reference is hereby made to the Reports of the Engineer entitled "City of Redlands Street Lighting District No. 1 Engineer's Report for Fiscal Year 2022-2023" and "City of Redlands Landscape Maintenance District No. 1 Engineer's Report for Fiscal Year 2022-2023" on file in the office of the City Clerk for a full and detailed description of the improvements, the boundaries of the District and any zones therein and the proposed assessments upon assessable lots and parcels of land within the District.

Section 8. NOTICE IS HEREBY GIVEN THAT THE CITY COUNCIL APPOINTS TUESDAY, THE 21ST DAY OF JUNE, 2022, AT THE HOUR OF 6:00 P.M., OR AS SOON THEREAFTER AS THE MATTER MAY BE HEARD, IN THE COUNCIL CHAMBERS AT CITY HALL, CITY OF REDLANDS, 35 CAJON STREET, SUITE 2, REDLANDS, CALIFORNIA 92373, AS THE TIME AND PLACE FOR TWO PUBLIC HEARINGS TO CONSIDER PROTESTS OR OBJECTIONS TO THE LEVY OF THE PROPOSED ASSESSMENTS IN CONNECTION WITH THE DISTRICTS. All interested persons shall be afforded the opportunity to hear and be heard. Any interested person may file a written protest with the City Clerk prior to the conclusion of the hearing. A written protest shall state all grounds of objection. A protest by a property owner shall contain a description sufficient to identify the property owned by the signer thereof. The City Council shall consider all oral statements and all written protests made or filed by any interested person.

Section 9. The City Clerk is hereby authorized and directed to give notice of such hearing in accordance with law.

Section 10. The City Council hereby determines and declares that the proposed assessments constitute a continuation of assessments existing on the effective date of Article XIIID, that the assessments are imposed exclusively to finance the maintenance and operation expenses for streets and that the assessments are exempt from the requirements of Article XIIID, Section 4 of the California Constitution.

Section 11. The City Council hereby designates Goutam Dobey, Engineering Manager, telephone number (909) 798-7584 x2, to answer inquiries regarding the hearing, protest proceedings and procedural or technical matters.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certifies that the foregoing resolution was duly adopted by the City Council, at a regular meeting thereof, held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

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RESOLUTION NO. 8277

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS CONFIRMING A DIAGRAM AND ASSESSMENT FOR THE 2022-2023 FISCAL YEAR IN CONNECTION WITH LANDSCAPE MAINTENANCE DISTRICT NO. 1 PURSUANT TO THE LANDSCAPING AND LIGHTING ACT OF 1972, PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS AS FOLLOWS:

Section 1. Pursuant to its adoption of a prior resolution, the City Council of the City of Redlands initiated proceedings and declared its intention to levy an assessment against the assessable lots and parcels of property within an existing assessment district designated "Landscape Maintenance District No 1" (the District) pursuant to the provisions of the Landscaping and Lighting Act of 1972, Part 2 of Division 15 of the California Streets and Highways Code (commencing with Section 22500) (the "Act") for the fiscal year commencing July 1, 2022, and ending June 30, 2023, and ordered the Engineering Manager, Goutam Dobey, to prepare and file a written report in accordance with Article 4 of Chapter 1 of the Act. The City Council, by prior resolution, approved such Engineer's Report.

Section 2. Following notice duly given in accordance with law, this City Council has held a full and fair public hearing regarding the Engineer's Report and the levy and collection of the proposed assessment within the District for fiscal year 2022-2023 to pay for the costs and expenses of the improvements described in the Engineer's Report pursuant to the terms and provisions of the Act. All interested persons were afforded the opportunity to hear, and be heard regarding, protests and objections to the levy and collection of the proposed assessment against lots or parcels of property within the District. The City Council considered all oral and written statements, protests and communications made or filed by interested persons.

Section 3. Based upon its review of the Engineer's Report and other reports and information, this City Council hereby finds and determines that (i) the land within the District will be benefited by the improvements described in the Engineer's Report (ii) the District includes all of the lands so benefited, and (iii) the net amount to be assessed upon the lands with the District for the 2022-2023 fiscal year in accordance with the Engineer's Report is apportioned by a formula and method which fairly distributes the net amount among all assessable lots or parcels in proportion to the estimated benefits to be received by each such lot or parcel from the improvements. Any and all oral and written protests and objections are hereby overruled by the City Council.

Section 4. The City Council declares that the diagram and assessment in the Engineer's Report are hereby confirmed as filed.

Section 5. The City Council hereby orders the improvements described in the Engineer's Report to be made.

Section 6. The assessment is in compliance with the provisions of the Act and the City Council has complied with all law pertaining to the levy of an annual assessment pursuant to the Act.

Section 7. The assessments to be levied and collected against the assessable lots and parcels of property within the District for fiscal year 2022-2023 are not proposed to increase from the assessment levied and collected for fiscal year 1997-1998.

Section 8. The assessment is levied without regard to property valuation.

Section 9. Public property owned by any public agency and in use in the performance of a public function which is included within the boundaries of the District shall not be subject to assessment to be made under these proceedings to pay for any of the costs and expenses of the improvements.

Section 10. The assessment is levied for the purpose of paying the costs and expenses of the improvements described in the Engineer's Report for fiscal year 2022-2023.

Section 11. The improvements described in the Engineer's Report shall be performed pursuant to law.

Section 12. The County Auditor of San Bernardino County shall enter on the County Assessment Roll opposite each lot or parcel of land the amount of the assessment and such assessments shall then be collected at the same time and in the same manner as the County taxes collected. After collection by the County, the net amount of the assessments shall be paid to the City Treasurer.

Section 13. The City Treasurer shall deposit all moneys representing assessments collected by the County to the credit of a special fund for Landscape Maintenance District No. 1.

Section 14. The adoption of this Resolution constitutes the levy of an assessment against the lots and parcels of land in the District for the fiscal year commencing July 1, 2022, and ending June 30, 2023.

Section 15. The City Clerk is hereby authorized and directed to file the diagram and assessment, or a certified copy of the diagram and assessment, with the County Auditor, together with a certified copy of this Resolution upon its adoption.

Section 16. A certified copy of the assessment and diagram shall be filed in the City's Municipal Utilities and Engineering Department, with a duplicate copy on file in the office of the City Clerk and open for public inspection.

ADOPTED, SIGNED AND APPROVED this 21st day of June 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certifies that the foregoing resolution was adopted by the City Council, at a regular meeting thereof, held on the 21st day of June, 2022 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Jeanne Donaldson, City Clerk

City of Redlands
Landscape Maintenance District No. 1 - Appendix D
Fiscal Year 2022/23
Assessment Roll (Sorted by APN)

APN	SITUS ADDRESS	ANNEXATION	CHARGE
0167-231-19-0000	709 LUGONIA AVE	Annexation L4-D	$ 6.00
0167-231-20-0000	705 LUGONIA AVE	Annexation L4-D	$ 6.00
0167-231-21-0000	1237 LAWTON ST	Annexation L4-D	$ 6.00
0167-271-61-0000	1135 CHURCH ST	Annexation L6-D	$ 6.00
0167-802-01-0000	1575 N COLUMBIA ST	Original 1-B	$ 39.65
0167-802-02-0000	1571 N COLUMBIA ST	Original 1-B	$ 36.05
0167-802-03-0000	1567 COLUMBIA ST	Original 1-B	$ 36.05
0167-802-04-0000	1563 COLUMBIA ST	Original 1-B	$ 36.05
0167-802-05-0000	1558 WOODBURY ST	Original 1-B	$ 36.05
0167-802-06-0000	1562 WOODBURY	Original 1-B	$ 36.05
0167-802-07-0000	1566 WOODBURY	Original 1-B	$ 36.05
0167-802-08-0000	1570 WOODBURY	Original 1-B	$ 39.65
0167-803-01-0000	1569 WOODBURY	Original 1-B	$ 39.65
0167-803-02-0000	1565 WOODBURY	Original 1-B	$ 36.05
0167-803-03-0000	1561 WOODBURY	Original 1-B	$ 36.05
0167-803-04-0000	610 ELISE	Original 1-B	$ 36.05
0167-803-05-0000	618 ELISE	Original 1-B	$ 36.05
0167-803-06-0000	626 ELISE	Original 1-B	$ 36.05
0167-803-07-0000	634 ELISE ST	Original 1-B	$ 36.05
0167-803-08-0000	1568 VERMONT	Original 1-B	$ 36.05
0167-803-09-0000	1574 VERMONT	Original 1-B	$ 39.65
0167-804-01-0000	633 ELISE	Original 1-B	$ 36.05
0167-804-02-0000	625 ELISE	Original 1-B	$ 36.05
0167-804-03-0000	617 ELISE	Original 1-B	$ 36.05
0167-804-04-0000	609 ELISE	Original 1-B	$ 36.05
0167-804-05-0000	601 ELISE	Original 1-B	$ 36.05
0167-804-06-0000	525 ELISE	Original 1-B	$ 36.05
0167-804-07-0000	517 ELISE	Original 1-B	$ 36.05
0167-804-08-0000	509 ELISE	Original 1-B	$ 36.05
0167-804-09-0000	1555 COLUMBIA ST	Original 1-B	$ 36.05
0167-804-10-0000	1551 COLUMBIA ST	Original 1-B	$ 36.05
0167-804-11-0000	1547 COLUMBIA ST	Original 1-B	$ 36.05
0167-804-12-0000	1543 N COLUMBIA ST	Original 1-B	$ 36.05
0167-804-13-0000	1528 CANTERBURY CIR	Original 1-B	$ 36.05
0167-804-14-0000	1530 CANTERBURY CIR	Original 1-B	$ 36.05
0167-804-15-0000	1532 CANTERBURY CIR	Original 1-B	$ 36.05
0167-804-16-0000	1534 CANTERBURY CIR	Original 1-B	$ 36.05
0167-804-17-0000	1536 CANTERBURY CIR	Original 1-B	$ 36.05
0167-804-18-0000	1538 CANTERBURY CIR	Original 1-B	$ 36.05
0167-804-19-0000	1540 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-01-0000	1539 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-02-0000	1537 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-03-0000	1535 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-04-0000	1533 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-05-0000	1531 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-06-0000	1509 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-07-0000	1507 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-08-0000	1505 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-09-0000	1503 CANTERBURY CIR	Original 1-B	$ 36.05
0167-823-10-0000	1501 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-01-0000	1539 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-02-0000	1535 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-03-0000	1531 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-04-0000	1527 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-05-0000	1523 COLUMBIA ST	Original 1-B	$ 36.05

City of Redlands
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APN	SITUS ADDRESS	ANNEXATION	CHARGE
0167-824-06-0000	1519 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-07-0000	1515 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-08-0000	1511 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-09-0000	1507 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-10-0000	1503 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-11-0000	1501 COLUMBIA ST	Original 1-B	$ 36.05
0167-824-12-0000	508 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-13-0000	512 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-14-0000	516 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-15-0000	520 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-16-0000	600 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-17-0000	602 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-18-0000	606 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-19-0000	610 PENNSYLVANIA AVE	Original 1-B	$ 36.05
0167-824-20-0000	1500 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-21-0000	1502 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-22-0000	1504 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-23-0000	1506 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-24-0000	1508 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-25-0000	1510 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-26-0000	1512 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-27-0000	1514 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-28-0000	1516 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-29-0000	1518 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-30-0000	1520 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-31-0000	1522 CANTERBURY CIR	Original 1-B	$ 36.05
0167-824-32-0000	1524 CANTERBURY CIR	Original 1-B	$ 36.05
0167-851-39-0000	1832 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-40-0000	1828 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-41-0000	1824 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-42-0000	1820 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-43-0000	1816 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-44-0000	1812 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-45-0000	1808 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-46-0000	1804 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-47-0000	1800 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-48-0000	1835 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-49-0000	1831 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-50-0000	1827 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-51-0000	1823 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-52-0000	1819 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-53-0000	1815 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-54-0000	1811 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-55-0000	1807 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-851-56-0000	1803 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-37-0000	450 RIVERVIEW DR	Annexation L8-B	$ 6.00
0167-861-38-0000	1928 BROOKSTONE DR	Annexation L8-B	$ 6.00
0167-861-39-0000	1924 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-40-0000	1920 BROOKSTONE	Annexation L8-B	$ 6.00
0167-861-41-0000	1916 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-42-0000	1912 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-43-0000	1908 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-44-0000	1840 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-45-0000	1836 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-46-0000	1839 BROOKSTONE ST	Annexation L8-B	$ 6.00

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APN	SITUS ADDRESS	ANNEXATION	CHARGE
0167-861-47-0000	1907 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-48-0000	1911 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-49-0000	1915 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-50-0000	1919 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-51-0000	1923 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-52-0000	1927 BROOKSTONE ST	Annexation L8-B	$ 6.00
0167-861-53-0000	410 RIVERVIEW DR	Annexation L8-B	$ 6.00
0167-861-54-0000	420 RIVERVIEW DR	Annexation L8-B	$ 6.00
0168-681-01-0000	1067 MENDICINO WY	Original 1-A	$ 62.09
0168-681-02-0000	1063 MENDICINO WY	Original 1-A	$ 62.09
0168-681-03-0000	1059 MENDICINO WY	Original 1-A	$ 62.09
0168-681-04-0000	1055 MENDICINO	Original 1-A	$ 62.09
0168-681-05-0000	1051 MENDICINO WY	Original 1-A	$ 62.09
0168-681-06-0000	1047 MENDOCINO	Original 1-A	$ 62.09
0168-681-07-0000	1043 MENDICINO WY	Original 1-A	$ 62.09
0168-681-08-0000	1039 MENDICINO	Original 1-A	$ 62.09
0168-681-09-0000	1035 MENDICINO	Original 1-A	$ 62.09
0168-681-10-0000	1756 MENDOCINO WY	Original 1-A	$ 62.09
0168-681-11-0000	1762 MENDOCINO WY	Original 1-A	$ 62.09
0168-681-12-0000	1768 MENDOCINO	Original 1-A	$ 62.09
0168-681-13-0000	1774 MENDICINO	Original 1-A	$ 62.09
0168-681-14-0000	1780 MENDICINO WY	Original 1-A	$ 62.09
0168-681-15-0000	1786 MENDICINO	Original 1-A	$ 62.09
0168-681-16-0000	1792 MENDOCINO	Original 1-A	$ 62.09
0168-681-17-0000	1798 MENDICINO	Original 1-A	$ 68.30
0168-681-18-0000	1008 ALPINE CT	Original 1-A	$ 68.30
0168-681-19-0000	1012 ALPINE	Original 1-A	$ 68.30
0168-681-20-0000	1016 ALPINE CT	Original 1-A	$ 68.30
0168-681-21-0000	1020 ALPINE	Original 1-A	$ 68.30
0168-681-22-0000	1024 ALPINE	Original 1-A	$ 68.30
0168-681-23-0000	1028 ALPINE CT	Original 1-A	$ 68.30
0168-681-24-0000	1032 ALPINE CT	Original 1-A	$ 68.30
0168-681-25-0000	1029 ALPINE CT	Original 1-A	$ 62.09
0168-681-26-0000	1025 ALPINE CT	Original 1-A	$ 62.09
0168-681-27-0000	1021 ALPINE ST	Original 1-A	$ 62.09
0168-681-28-0000	1017 ALPINE ST	Original 1-A	$ 62.09
0168-681-29-0000	1013 ALPINE	Original 1-A	$ 62.09
0168-681-30-0000	1009 ALPINE CT	Original 1-A	$ 62.09
0168-681-31-0000	1005 ALPINE CT	Original 1-A	$ 62.09
0168-681-32-0000	1042 MENDICINO WY	Original 1-A	$ 62.09
0168-681-33-0000	1046 MENDICINO	Original 1-A	$ 62.09
0168-681-34-0000	1050 MENDOCINO	Original 1-A	$ 62.09
0168-681-35-0000	1054 MENDICINO BLVD	Original 1-A	$ 62.09
0168-681-36-0000	1058 MENDICINO	Original 1-A	$ 62.09
0168-681-37-0000	1062 MENDICINO	Original 1-A	$ 62.09
0168-681-38-0000	1066 MENDICINO WY	Original 1-A	$ 62.09
0169-043-14-0000	506 W COLTON AVE	Annexation L7-D	$ 6.00
0169-053-12-0000	306 W COLTON AVE	Annexation L4-L	$ 6.00
0169-131-33-0000	507 LAWTON ST	Annexation L4-F	$ 6.00
0169-142-11-0000	511 W COLTON AVE	Annexation L4-I	$ 6.00
0169-182-02-0000		Annexation L4-O	$ 6.00
0169-182-03-0000	316 THE TERRACE	Annexation L4-O	$ 6.00
0169-182-04-0000		Annexation L4-O	$ 6.00
0169-212-17-0000	640 ORANGE ST	Annexation L4-X	$ 6.00
0169-212-18-0000	526 N ORANGE ST	Annexation L4-X	$ 6.00

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APN	SITUS ADDRESS	ANNEXATION	CHARGE
0169-212-19-0000	500 N ORANGE ST	Annexation L4-X	$ 6.00
0169-212-20-0000	402-414 N ORANGE ST	Annexation L4-X	$ 6.00
0169-212-21-0000	418-450 N ORANGE ST	Annexation L4-X	$ 6.00
0169-212-22-0000	522 ORANGE ST	Annexation L4-X	$ 6.00
0169-212-23-0000	602 ORANGE ST	Annexation L4-X	$ 6.00
0169-212-24-0000	683 N 6TH ST	Annexation L4-X	$ 6.00
0169-212-25-0000	552 ORANGE ST	Annexation L4-X	$ 6.00
0169-212-26-0000	454-482 N ORANGE ST	Annexation L4-X	$ 6.00
0169-212-27-0000	411 N 6TH ST	Annexation L4-X	$ 6.00
0169-281-39-0000	347 ORANGE ST	Annexation L6-C	$ 6.00
0169-301-08-0000	E REDLANDS BLVD	Annexation L7-G	$ 6.00
0169-301-10-0000	21 E REDLANDS BLVD	Annexation L7-G	$ 6.00
0169-301-11-0000	170 E REDLANDS BLVD	Annexation L7-G	$ 6.00
0169-313-16-0000	304 7TH ST	Annexation L7-I	$ 6.00
0169-321-01-0000		Annexation L6-A	$ 6.00
0169-321-02-0000	304 N 9TH ST	Annexation L6-A	$ 6.00
0169-343-07-0000	1210 W COLTON AVE	Annexation L4-S	$ 6.00
0169-411-07-0000	1205 W COLTON AVE	Annexation L4-H	$ 6.00
0171-161-18-0000	371 NEW YORK	Annexation L12-M	$ 6.00
0171-171-34-0000	380 N NEW YORK ST	Annexation L4-R	$ 18.00
0171-202-30-0000	404 BROOKSIDE AVE	Annexation L7-C	$ 6.00
0171-202-33-0000	420 BROOKSIDE AVE	Annexation L8-C	$ 6.00
0171-203-13-0000	302 BROOKSIDE AVE	Annexation L9-B	$ 6.00
0171-331-04-0000	243 CAJON ST	Annexation L4-J	$ 6.00
0171-332-30-0000	124 E OLIVE AVE	Annexation L10-E	$ 6.00
0171-341-33-0000	612 REDLANDS BLVD	Annexation L6-J	$ 6.00
0171-383-19-0000	680 E REDLANDS BLVD	Annexation L4-E	$ 6.00
0171-383-20-0000	680 E REDLANDS BLVD	Annexation L4-E	$ 6.00
0172-031-49-0000	30 S CENTER ST	Annexation L4-M	$ 6.00
0172-301-14-0000	1515 W CYPRESS AVE	Annexation L7-A	$ 6.00
0172-301-15-0000	1513 W CYPRESS AVE	Annexation L7-A	$ 6.00
0172-301-16-0000	1511 W CYPRESS AVE	Annexation L7-A	$ 6.00
0172-301-17-0000	1517 W CYPRESS AVE	Annexation L7-A	$ 6.00
0173-052-31-0000	432 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-32-0000	430 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-33-0000	428 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-34-0000	426 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-35-0000	424 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-36-0000	422 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-37-0000	420 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-38-0000	418 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-39-0000	416 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-40-0000	412 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-41-0000	410 SONORA CIR	Annexation L6-I	$ 6.00
0173-052-42-0000	457 LA VERNE	Annexation L6-I	$ 6.00
0173-062-01-0000	472 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-02-0000	470 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-03-0000	468 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-04-0000	466 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-05-0000	464 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-06-0000	462 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-07-0000	460 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-08-0000	458 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-09-0000	456 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-10-0000	454 SONORA CIR	Annexation L6-I	$ 6.00

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APN	SITUS ADDRESS	ANNEXATION	CHARGE
0173-062-11-0000	452 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-12-0000	450 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-13-0000	448 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-14-0000	446 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-15-0000	444 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-16-0000	442 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-17-0000	440 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-18-0000	438 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-19-0000	436 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-20-0000	434 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-21-0000	408 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-22-0000	406 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-23-0000	407 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-24-0000	473 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-25-0000	471 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-26-0000	469 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-27-0000	457 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-28-0000	455 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-29-0000	453 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-30-0000	451 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-31-0000	439 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-32-0000	437 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-33-0000	435 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-34-0000	431 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-35-0000	421 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-36-0000	423 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-37-0000	425 SONORA CIR	Annexation L6-I	$ 6.00
0173-062-38-0000	427 SONORA CIR	Annexation L6-I	$ 6.00
0174-021-41-0000	1377 KNOLL RD	Annexation L8-E	$ 6.00
0174-021-42-0000	1379 KNOLL RD	Annexation L8-E	$ 6.00
0174-241-31-0000	1475 FORD ST	Annexation L5-D	$ 12.00
0174-261-15-0000	1551 RESERVOIR RD	Annexation L10-G	$ 6.00
0174-281-33-0000	BUCKINGHAM	Annexation L12-L	$ 6.00
0174-281-34-0000	BUCKINGHAM	Annexation L12-L	$ 6.00
0174-281-35-0000	BUCKINGHAM	Annexation L12-L	$ 6.00
0174-281-37-0000	731 BUCKINGHAM DR	Annexation L12-L	$ 6.00
0174-621-01-0000	751 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-02-0000	755 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-03-0000	759 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-04-0000	763 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-05-0000	767 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-06-0000	771 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-07-0000	775 DEVONSHIRE DR	Annexation L2-A	$ 44.55
0174-621-08-0000	816 CONCORD	Annexation L2-A	$ 53.46
0174-621-09-0000	812 CONCORD	Annexation L2-A	$ 44.55
0174-621-10-0000	770 CONCORD	Annexation L2-A	$ 44.55
0174-621-11-0000	766 CONCORD	Annexation L2-A	$ 44.55
0174-621-12-0000	762 CONCORD	Annexation L2-A	$ 44.55
0174-621-13-0000	1609 SHEFFIELD	Annexation L2-A	$ 44.55
0174-621-14-0000	1613 SHEFFIELD	Annexation L2-A	$ 44.55
0174-621-15-0000	1617 SHEFFIELD	Annexation L2-A	$ 44.55
0174-621-16-0000	1621 SHEFFIELD	Annexation L2-A	$ 44.55
0174-621-17-0000	1625 SHEFFIELD	Annexation L2-A	$ 44.55
0174-621-18-0000	1629 SHEFFIELD	Annexation L2-A	$ 44.55
0174-621-19-0000	1633 SHEFFIELD	Annexation L2-A	$ 44.55

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APN	SITUS ADDRESS	ANNEXATION	CHARGE
0174-621-20-0000	1636 SHEFFIELD LN	Annexation L2-A	$ 44.55
0174-621-21-0000	1632 SHEFFIELD LN	Annexation L2-A	$ 44.55
0174-621-22-0000	1628 SHEFFIELD LN	Annexation L2-A	$ 44.55
0174-621-23-0000	801 LEXINGTON LN	Annexation L2-A	$ 44.55
0174-621-24-0000	805 LEXINGTON LN	Annexation L2-A	$ 44.55
0174-621-25-0000	809 LEXINGTON LN	Annexation L2-A	$ 44.55
0174-621-26-0000	813 LEXINGTON LN	Annexation L2-A	$ 53.46
0174-621-27-0000	812 LEXINGTON LN	Annexation L2-A	$ 53.46
0174-621-28-0000	808 LEXINGTON LN	Annexation L2-A	$ 44.55
0174-621-29-0000	804 LEXINGTON LN	Annexation L2-A	$ 44.55
0174-621-30-0000	800 LEXINGTON LN	Annexation L2-A	$ 44.55
0174-621-31-0000	1620 SHEFFIELD LN	Annexation L2-A	$ 44.55
0174-621-32-0000	1616 SHEFFIELD LN	Annexation L2-A	$ 44.55
0174-621-33-0000	769 CONCORD LN	Annexation L2-A	$ 44.55
0174-621-34-0000	811 CONCORD LN	Annexation L2-A	$ 44.55
0174-621-35-0000	815 CONCORD LN	Annexation L2-A	$ 53.46
0175-491-01-0000	1521 REBECCA CREST	Original 1-C	$ 1,572.77
0175-491-02-0000	REBECCA CREST	Original 1-C	$ 1,310.64
0175-491-03-0000	REBECCA CREST	Original 1-C	$ 1,310.64
0175-491-04-0000	1527 REBELLA CREST	Original 1-C	$ 1,310.64
0175-491-05-0000	1531 REBECCA CREST	Original 1-C	$ 1,310.64
0175-491-06-0000	1533 REBECCA CREST	Original 1-C	$ 1,310.64
0175-491-07-0000	1535 REBECCA CREST	Original 1-C	$ 1,310.64
0175-491-08-0000	1537 REBECCA CREST	Original 1-C	$ 1,310.64
0175-491-09-0000	1541 REBECCA CREST	Original 1-C	$ 1,572.77
0176-044-15-0000	605 VALLEY VIEW DR	Annexation L4-Q	$ 6.00
0176-402-04-0000	633 GOLDEN WEST DR	Annexation L12-E	$ 6.00
0176-402-06-0000	629 GOLDENWEST DR	Annexation L12-D	$ 6.00
0176-402-07-0000	627 GOLDEN WEST DR	Annexation L12-C	$ 6.00
0176-402-08-0000	GOLDEN WEST DR	Annexation L12-B	$ 6.00
0176-402-09-0000	623 GOLDEN WEST DR	Annexation L12-A	$ 6.00
0176-441-18-0000	1581 FRANKLIN AVE	Annexation L5-C	$ 78.37
0176-441-19-0000	1617 GARDEN ST	Annexation L5-C	$ 86.20
0176-441-20-0000	1613 GARDEN ST	Annexation L5-C	$ 86.20
0176-441-21-0000	1609 GARDEN ST	Annexation L5-C	$ 86.20
0176-441-22-0000	1583 FRANKLIN AVE	Annexation L5-C	$ 86.20
0176-441-23-0000	210 CANDY LN	Annexation L5-C	$ 78.37
0176-441-24-0000	226 CANDY LN	Annexation L5-C	$ 78.37
0176-441-25-0000	242 CANDY LN	Annexation L5-C	$ 78.37
0176-441-26-0000	250 CANDY LN	Annexation L5-C	$ 78.37
0176-441-27-0000	258 CANDY LN	Annexation L5-C	$ 78.37
0176-521-01-0000	1080 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-02-0000	1070 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-03-0000	1060 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-04-0000	1050 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-05-0000	1040 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-06-0000	1030 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-07-0000	1020 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-08-0000	1010 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-09-0000	1000 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-10-0000	912 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-11-0000	908 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-12-0000	904 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-13-0000	900 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-18-0000	1920 HORSE TRAIL DR	Annexation L10-H	$ 6.00

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0176-521-19-0000	1910 HORSE TRAIL DR	Annexation L10-H	$ 6.00
0176-521-20-0000	1900 HORSE TRAIL DR	Annexation L10-H	$ 6.00
0176-521-21-0000	1011 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-22-0000	1021 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-23-0000	1031 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-27-0000	1061 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-28-0000	1041 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-29-0000	907 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-30-0000	949 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-31-0000	901 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-521-32-0000	951 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-01-0000	948 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-02-0000	944 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-03-0000	940 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-07-0000	924 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-08-0000	920 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-09-0000	916 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-12-0000	921 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-13-0000	931 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-18-0000	911 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-20-0000	936 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-21-0000	928 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-22-0000	932 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-24-0000	915 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-25-0000	947 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0176-531-26-0000	945 SUNSET HILLS LN	Annexation L10-H	$ 6.00
0292-032-39-0000	1251 RESEARCH DR	Annexation L3-A	$ 195.55
0292-032-40-0000	1115 RESEARCH DR	Annexation L3-A	$ 39.88
0292-032-41-0000	1110 RESEARCH DR	Annexation L3-A	$ 62.73
0292-032-42-0000	2351 LUGONIA AVE	Annexation L3-A	$ 301.84
0292-033-11-0000	1101 N CALIFORNIA ST	Annexation L4-C	$ 6.00
0292-033-13-0000	1101 N CALIFORNIA ST	Annexation L12-H	$ 6.00
0292-034-16-0000	941 CALIFORNIA ST	Annexation L4-N	$ 6.00
0292-063-45-0000	1720 W REDLANDS BLVD	Annexation L10-C	$ 6.00
0292-064-13-0000	2094 W REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-17-0000	2098 W REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-21-0000	2046 REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-22-0000	2072 W REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-23-0000	2070 W REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-24-0000	2050 REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-25-0000	2068 W REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-26-0000	2062 REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-064-27-0000	2052 REDLANDS BLVD	Annexation L6-H	$ 6.00
0292-152-39-0000	2015 PARK AVE	Annexation L10-B	$ 6.00
0292-153-24-0000	1915 REDLANDS BLVD	Annexation L5-A	$ 6.00
0292-153-25-0000	1911 REDLANDS BLVD	Annexation L5-A	$ 6.00
0292-153-26-0000	721 NEVADA ST	Annexation L5-A	$ 6.00
0292-153-27-0000	721 NEVADA ST	Annexation L5-A	$ 6.00
0292-154-12-0000	1991 PARK AVE	Annexation L8-D	$ 6.00
0292-156-21-0000	1717 PARK AVE	Annexation L4-V	$ 6.00
0292-157-16-0000	1625 W REDLANDS BLVD	Annexation L9-A	$ 6.00
0292-157-20-0000	560 IOWA ST	Annexation L12-J	$ 6.00
0292-157-31-0000	1615 REDLANDS BLVD	Annexation L5-G	$ 6.00
0292-158-15-0000	ALABAMA ST	Annexation L11-B	$ 6.00
0292-165-15-0000	1890 ORANGE AVE	Annexation L6-F	$ 6.00

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APN	SITUS ADDRESS	ANNEXATION	CHARGE
0292-166-11-0000	1710 BARTON RD	Annexation L4-K	$ 6.00
0292-182-30-0000	614 ALABAMA ST	Annexation L4-T	$ 6.00
0292-182-31-0000	614 ALABAMA ST	Annexation L4-T	$ 6.00
0292-192-11-0000	301 TENNESSEE ST	Annexation L7-E	$ 6.00
0292-201-37-0000	141 KANSAS ST	Annexation L7-B	$ 6.00
0292-201-39-0000	125 KANSAS ST	Annexation L7-B	$ 6.00
0292-201-40-0000	210 BUSINESS CENTER CT	Annexation L7-B	$ 6.00
0292-202-17-0000	298 KANSAS ST	Annexation L10-A	$ 6.00
0292-202-18-0000	KANSAS ST	Annexation L10-A	$ 6.00
0292-251-10-0000	1280 ALABAMA ST	Annexation L12-G	$ 6.00
0292-310-07-0000	633 AMIGOS DR	Annexation L6-B	$ 6.00
0292-310-36-0000	617 AMIGOS DR	Annexation L7-F	$ 6.00
0292-321-10-0000	1981 W LUGONIA AVE	Annexation L4-G	$ 6.00
0292-331-15-0000	1910 ORANGE TREE LN	Annexation L5-E	$ 6.00
0292-331-16-0000	1902 ORANGE TREE LN	Annexation L5-E	$ 6.00
0292-341-17-0000	1751 PLUM LN	Annexation L12-I	$ 6.00
0292-341-24-0000	1711 PLUM LN	Annexation L11-A	$ 6.00
0292-341-25-0000	1741 PLUM LN	Annexation L11-A	$ 6.00
0292-351-08-0000	1806 ORANGE TREE LN	Annexation L11-C	$ 6.00
0292-381-08-0000	1653 PLUM LN	Annexation L6-G	$ 6.00
0292-441-11-0000	1230 INDIANA CT	Annexation L5-B	$ 6.00
0292-441-12-0000	1226 INDIANA CT	Annexation L5-B	$ 6.00
0292-441-13-0000	1222 INDIANA CT	Annexation L5-B	$ 6.00
0292-441-14-0000	1214 INDIANA CT	Annexation L5-B	$ 6.00
0292-441-15-0000	1210 INDIANA CT	Annexation L5-B	$ 6.00
0293-172-16-0000	1500 BARTON RD	Annexation L4-B	$ 27.00
0293-172-17-0000	1536 BARTON RD	Annexation L4-B	$ 27.00
0293-172-18-0000	1500 BARTON RD	Annexation L4-B	$ 6.00
0293-421-01-0000	1809 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-02-0000	1812 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-03-0000	1810 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-04-0000	1808 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-05-0000	1806 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-06-0000	1804 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-07-0000	1802 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-08-0000	1800 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-09-0000	1746 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-10-0000	1744 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-11-0000	1742 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-12-0000	1740 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-13-0000	1738 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-14-0000	1736 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-15-0000	1734 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-16-0000	1732 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-17-0000	1730 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-18-0000	1726 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-19-0000	1724 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-20-0000	1720 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-21-0000	1716 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-22-0000	1706 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-23-0000	1700 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-24-0000	1701 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-25-0000	1703 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-26-0000	1705 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-27-0000	1707 MORNING DOVE LN	Annexation L12-F	$ 6.00

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0293-421-28-0000	1709 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-29-0000	1711 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-30-0000	1715 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-31-0000	1717 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-32-0000	1719 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-33-0000	1721 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-34-0000	1723 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-35-0000	1725 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-36-0000	1727 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-37-0000	1729 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-38-0000	1731 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-39-0000	1733 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-40-0000	1735 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-41-0000	1737 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-42-0000	1743 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-43-0000	1747 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-44-0000	1803 MORNING DOVE LN	Annexation L12-F	$ 6.00
0293-421-45-0000	1805 MORNING DOVE LN	Annexation L12-F	$ 6.00
0294-091-47-0000	SMILEY RIDGE	Annexation L5-F	$ 6.00
0294-091-48-0000	1821 SMILEY RIDGE	Annexation L5-F	$ 6.00
1212-041-01-0000	1021 E PIONEER AVE	Annexation L10-F	$ 6.00
1212-081-54-0000	1709 DEANNA	Annexation L1-B	$ 101.35
1212-081-55-0000	1711 DEANNA	Annexation L1-B	$ 101.35
1212-081-56-0000	1715 DEANNA	Annexation L1-B	$ 101.35
1212-081-57-0000	1719 DEANNA	Annexation L1-B	$ 101.35
1212-081-58-0000	1723 DEANNA	Annexation L1-B	$ 101.35
1212-081-59-0000	1727 DEANNA WY	Annexation L1-B	$ 101.35
1212-081-60-0000	1731 DEANNA	Annexation L1-B	$ 101.35
1212-081-61-0000	1712 DEANNA	Annexation L1-B	$ 101.35
1212-081-62-0000	1708 DEANNA	Annexation L1-B	$ 101.35
1212-141-01-0000	1009 DOYLE	Annexation L1-A	$ 92.57
1212-141-02-0000	1013 DOYLE	Annexation L1-A	$ 92.57
1212-141-03-0000	1017 DOYLE	Annexation L1-A	$ 92.57
1212-141-04-0000	1021 DOYLE	Annexation L1-A	$ 92.57
1212-141-05-0000	1025 DOYLE ST	Annexation L1-A	$ 92.57
1212-141-06-0000	1029 DOYLE	Annexation L1-A	$ 92.57
1212-141-07-0000	1033 DOYLE	Annexation L1-A	$ 92.57
1212-141-08-0000	1037 DOYLE AVE	Annexation L1-A	$ 92.57
1212-141-09-0000	1041 DOYLE	Annexation L1-A	$ 92.57
1212-141-10-0000	1045 DOYLE	Annexation L1-A	$ 92.57
1212-141-11-0000	1058 STICKNEY	Annexation L1-A	$ 92.57
1212-141-12-0000	1054 STICKNEY	Annexation L1-A	$ 92.57
1212-141-13-0000	1050 STICKNEY	Annexation L1-A	$ 92.57
1212-141-14-0000	1046 STICKNEY	Annexation L1-A	$ 92.57
1212-141-15-0000	1042 STICKNEY	Annexation L1-A	$ 92.57
1212-141-16-0000	1038 STICKNEY CIR	Annexation L1-A	$ 101.83
1212-141-17-0000	1034 STICKNEY	Annexation L1-A	$ 101.83
1212-141-18-0000	1030 STICKNEY DR	Annexation L1-A	$ 101.83
1212-141-19-0000	1026 STICKNEY CIR	Annexation L1-A	$ 101.83
1212-141-20-0000	1022 STICKNEY AVE	Annexation L1-A	$ 101.83
1212-141-21-0000	1018 STICKNEY	Annexation L1-A	$ 101.83
1212-141-22-0000	1014 STICKNEY	Annexation L1-A	$ 101.83
1212-141-23-0000	1010 STICKNEY	Annexation L1-A	$ 101.83
1212-141-24-0000	1006 STICKNEY	Annexation L1-A	$ 101.83
1212-141-25-0000	1007 STICKNEY	Annexation L1-A	$ 92.57

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1212-141-26-0000	1011 STICKNEY	Annexation L1-A	$ 92.57
1212-141-27-0000	1015 STICKNEY	Annexation L1-A	$ 92.57
1212-141-28-0000	1019 STICKNEY	Annexation L1-A	$ 92.57
1212-141-29-0000	1023 STICKNEY	Annexation L1-A	$ 92.57
1212-141-30-0000	1027 STICKNEY	Annexation L1-A	$ 92.57
1212-141-31-0000	1031 STICKNEY	Annexation L1-A	$ 92.57
1212-141-32-0000	1032 DOYLE	Annexation L1-A	$ 92.57
1212-141-33-0000	1028 DOYLE	Annexation L1-A	$ 92.57
1212-141-34-0000	1024 DOYLE AVE	Annexation L1-A	$ 92.57
1212-141-35-0000	1020 DOYLE	Annexation L1-A	$ 92.57
1212-141-36-0000	1016 DOYLE	Annexation L1-A	$ 92.57
1212-141-37-0000	1012 DOYLE	Annexation L1-A	$ 92.57
1212-141-38-0000	1008 DOYLE	Annexation L1-A	$ 92.57
1212-141-39-0000	1601 DEANNA	Annexation L1-B	$ 111.48
1212-141-40-0000	1605 DEANNA	Annexation L1-B	$ 101.35
1212-141-41-0000	1609 DEANNA	Annexation L1-B	$ 101.35
1212-141-42-0000	1613 DEANNA	Annexation L1-B	$ 101.35
1212-141-43-0000	1617 DEANNA	Annexation L1-B	$ 101.35
1212-141-44-0000	1621 DEANNA	Annexation L1-B	$ 101.35
1212-141-45-0000	1625 DEANNA	Annexation L1-B	$ 101.35
1212-141-46-0000	1701 DEANNA	Annexation L1-B	$ 101.35
1212-141-47-0000	1705 DEANNA	Annexation L1-B	$ 101.35
1212-141-48-0000	1704 DEANNA WY	Annexation L1-B	$ 101.35
1212-141-49-0000	1700 DEANNA	Annexation L1-B	$ 101.35
1212-141-50-0000	1622 DEANNA	Annexation L1-B	$ 101.35
1212-141-51-0000	1618 DEANNA	Annexation L1-B	$ 101.35
1212-141-52-0000	1614 DEANNA	Annexation L1-B	$ 101.35
1212-141-53-0000	1606 DEANNA	Annexation L1-B	$ 101.35
1212-141-54-0000	1602 DEANNA	Annexation L1-B	$ 111.48
1212-191-60-0000	1572 GROVE ST	Annexation L4-W	$ 6.00
1212-191-61-0000	1588 GROVE ST	Annexation L4-W	$ 6.00
1212-191-62-0000	1564 GROVE ST	Annexation L4-W	$ 6.00
1212-191-63-0000	1560 GROVE ST	Annexation L4-W	$ 6.00
1212-191-64-0000	1556 GROVE ST	Annexation L4-W	$ 6.00
1212-191-65-0000	1552 GROVE ST	Annexation L4-W	$ 6.00
1212-191-66-0000	1548 GROVE ST	Annexation L4-W	$ 6.00
1212-191-67-0000	1544 GROVE ST	Annexation L4-W	$ 6.00
1212-191-68-0000	1540 GROVE ST	Annexation L4-W	$ 6.00
1212-191-69-0000	1536 GROVE ST	Annexation L4-W	$ 6.00
1212-191-70-0000	1541 KELLY AVE	Annexation L4-W	$ 6.00
1212-191-71-0000	1545 KELLY AVE	Annexation L4-W	$ 6.00
1212-191-72-0000	1549 KELLY AVE	Annexation L4-W	$ 6.00
1212-191-73-0000	1553 KELLY AVE	Annexation L4-W	$ 6.00
1212-191-74-0000	1557 KELLY AVE	Annexation L4-W	$ 6.00
1212-191-75-0000	1561 KELLY ST	Annexation L4-W	$ 6.00
1212-191-76-0000	1565 KELLY ST	Annexation L4-W	$ 6.00
1212-191-77-0000	1569 KELLY ST	Annexation L4-W	$ 6.00
1212-191-78-0000	1573 KELLY ST	Annexation L4-W	$ 6.00
1212-191-79-0000	1577 KELLY ST	Annexation L4-W	$ 6.00
1212-201-01-0000	1572 NELSON ST	Annexation L6-E	$ 6.00
1212-201-02-0000	1568 NELSON ST	Annexation L6-E	$ 6.00
1212-201-03-0000	1560 NELSON ST	Annexation L6-E	$ 6.00
1212-201-04-0000	1556 NELSON ST	Annexation L6-E	$ 6.00
1212-201-05-0000	1552 NELSON ST	Annexation L6-E	$ 6.00
1212-201-06-0000	1548 NELSON ST	Annexation L6-E	$ 6.00

City of Redlands
Landscape Maintenance District No. 1 - Appendix D
Fiscal Year 2022/23
Assessment Roll (Sorted by APN)

APN	SITUS ADDRESS	ANNEXATION	CHARGE
1212-201-07-0000	1540 NELSON ST	Annexation L6-E	$ 6.00
1212-201-08-0000	1536 NELSON ST	Annexation L6-E	$ 6.00
1212-201-09-0000	1528 NELSON ST	Annexation L6-E	$ 6.00
1212-201-10-0000	1524 NELSON ST	Annexation L6-E	$ 6.00
1212-201-11-0000	1520 NELSON ST	Annexation L6-E	$ 6.00
1212-201-12-0000	1346 PARADISE WY	Annexation L6-E	$ 6.00
1212-201-13-0000	1343 PENNSYLVANIA AVE	Annexation L6-E	$ 6.00
1212-201-14-0000	1349 PENNSYLVANIA AVE	Annexation L6-E	$ 6.00
1212-201-15-0000	1350 PARADISE WY	Annexation L6-E	$ 6.00
1212-201-16-0000	1354 PARADISE WY	Annexation L6-E	$ 6.00
1212-201-17-0000	1521 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-18-0000	1525 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-19-0000	1529 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-20-0000	1533 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-21-0000	1537 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-22-0000	1541 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-23-0000	1545 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-24-0000	1549 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-25-0000	1553 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-26-0000	1557 MORIARTY ST	Annexation L6-E	$ 6.00
1212-201-27-0000	1561 MORIARTY ST	Annexation L6-E	$ 6.00

Summary Fields	Value
APN total count:	571
CHARGE total sum:	$ 28,784.34

APPENDIX D

ASSESSMENT ROLL

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CITY OF REDLANDS
STREET LIGHTING DISTRICT NO. 1
ENGINEER'S REPORT
FOR FISCAL YEAR 2022-2023

CITY OF REDLANDS
MUNICIPAL UTILITIES AND ENGINEERING DEPARTMENT

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ENGINEER'S REPORT AFFIDAVIT

Street Lighting District No. 1

City of Redlands
San Bernardino County, State of California

This Report describes the Street Lighting District No. 1 ("District") and services therein including the improvements, budgets, parcels and assessments to be levied for Fiscal Year 2022-2023 as they existed at the time of the passage of the Resolution of Intention. Reference is hereby made to the San Bernardino County Assessor's maps for a detailed description of the lines and dimensions of parcels within the District. The undersigned respectfully submits the enclosed Report as directed by the City Council.

Dated this 1st day of June, 2022



By: _____

Goutam Dobey
Engineering Manager
R.C.E # 75646

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AUTHORITY FOR REPORT

This report is prepared by order of the City Council of the City of Redlands, California (City). This report is in compliance with the requirements of Chapter 1, Article 4, and Chapter 3 of Division 15 of the Streets and Highway Code of the State of California (Landscape and Lighting Act of 1972) and Article XIIID of the California Constitution.

I. GENERAL DESCRIPTION

The City Council of the City of Redlands, California has heretofore elected to form Street Lighting District No. 1 (District) and annexed territories to said District. The boundaries of said District and annexations thereto are entitled "Assessment Diagram of Street Lighting District No. 1," and are on file in the office of the City Clerk of the City of Redlands.

II. PLANS AND SPECIFICATIONS

All street lights are or will be owned by the City and are provided electrical services by Southern California Edison Company (SCE).

Reference is hereby made to the subject tract or parcel maps and assessment diagrams for the exact location of the parcels covered by the District. The plans and specifications by reference are hereby made a part of this report to the same extent as if said plans and specifications were attached hereto.

III. IMPROVEMENTS

The Landscaping and Lighting Act of 1972 allows the confirmation of benefit assessments for the construction of improvements in addition to maintenance and operation of existing facilities. Assessments will not be levied under the District to fund the installation of street lights during FY2022-2023. Therefore, this report does not include any proposed benefit assessments for the installation of improvements for FY2022-2023.

IV. ASSESSMENT DIAGRAM

The assessment District locations for the Original District and subsequent Annexations shown as Appendix B thereto have been prepared. The assessment diagrams by reference are hereby made a part of this report. The original diagram document used in prior Engineer's Reports was updated in 2021 for purposes of clarity.

Since there were numerous locations as part of Annexation Nos. 1, 2, 3, 4, 5, etc. they were identified on the diagram as S1-A, S1-B, S1-C or S2-A, S2-B, S2-C, etc. Prefix S is added to the identification on the later Annexations to identify that they are within the District. The same Annexation description will be used for identification with Sections IX and X of this report

V. ESTIMATED COSTS AND MAINTENANCE

Since the City owns the street lighting system, all maintenance efforts by the City should be allocated to the District as a direct cost. The Municipal Utilities and Engineering Department has taken the information used in the previous annual report and updated the values based upon the formulas for Unit of Benefit. Southern California Edison (SCE) monthly rates were calculated based upon LS-2 schedule of rates for 100W and 150W high pressure sodium vapor street lights. Because the District costs have historically exceeded the revenue generated by District assessment, it is anticipated that minimal administration and no maintenance will be provided during the 2022-2023 year. As such, the labor amount has been significantly reduced to an estimated value of $6,855 to be spread equally over the number of street lights.

Given these parameters the following is the estimated monthly costs per lamp:

POLES	SCE CHARGE	DEPARTMENT ADMINISTRATION	MONTHLY LAMP COST
419	$ 2.82	$ 1.36	$ 1,751

The following information is from the City's FY2017-2018 Budget:

Power Expenses	
City Street Lighting	S 15,000
Subtotal	**S 15,000**
Administration	
Salaries and Benefits	$ 10,893
Maintenance	$ 1,101
Subtotal	**S 11,994**
Incidental	
Other Professional Services	$ 0
Subtotal	**$ 0**
Total Costs	S 26,994
2017-2018 Levy	$ 25,465
Deficit	**$ 1,529**
Total Parcels Levied	990

The District and Annexations, which are maintained by the City, have been in existence for a number of years. Over the years, the existing assessments have not kept pace with the true annual cost of maintenance and administration.

No new areas are being proposed to be annexed to the District for FY2022-2023.

VI. ASSESSMENT ROLL

Following the public hearing for FY2022-2023 assessments and the City Council's approval of the assessments, an assessment roll will be prepared. The assessment roll will include the assessment parcel number, the San Bernardino County Assessor's parcel number and the confirmed assessment for each parcel. The assessment roll will be filed with the City Clerk and will subsequently be transmitted to the San Bernardino County Auditor/Tax Collector.

VII. PROPOSED BASIS FOR ASSESSMENTS

The City Council has heretofore determined that it will be necessary to utilize the provisions of the Landscaping and Lighting Act of 1972, a benefit assessment act, for the Original District and the subsequent Annexations to the District and to assess benefitting properties in proportion to the benefits that the various properties will receive.

The benefits the properties will receive will be assessed as increments of units of benefit (UOB). The District and the subsequent Annexations consist of various types of development having varying parcel sizes. Since the street lights either have been or will be installed in accordance with customary spacing established by the City, there will be four Assessment Zones based upon a street's curb-to-curb width.

Assessments proposed for individual parcels within the District and Annexations will be for the benefit received and will be determined based upon the four following Assessment Zones.

Zone 1: This will include all parcels having frontage on streets with curb separation of less than 40' or greater with 100watt HPSVL at 250' spacing.

Zone 2: This will include all parcels having frontage on streets with curb separations of less than 40' with 100 watt HPSVL at 600' spacing.

Zone 3: This will include all parcels having frontage on streets with curb separations of 40' or greater and less than 64' with 150 watt HPSVL at 250' spacing.

Zone 4: This will include all parcels having frontage on streets with curb separations of 64' or more with 150 watt HPSVL at 230' spacing.

Each of these four Assessment Zones will have assessments levied in UOB which is defined as increments of 100' frontage on public streets, right-of-way or easements. The frontage length and the corresponding UOB are as follows:

FRONTAGE LENGTH	UOB
Less than 199'	1
200' – 299'	2
300' – 399'	3
And so forth	

The UOB assessments for the four Zones are calculated as follows:

Zone 1: Includes 100 watt high pressure, sodium vapor luminaries with a monthly billing rate from SCE, a minimal amount of labor (excluding City General Government Overhead and Facilities and Community Services Department maintenance) for a lamp cost of $8.49. Since the spacing will be 240' ± 15', a spacing of 250' will be used in the calculation.

$$\frac{\$8.49 \times 12}{500} \times \frac{100'}{\text{UOB}} = \$20.38 \text{ per UOB}$$

Zone 2: Includes 100 watt high pressure, sodium vapor luminaries with a monthly billing rate from SCE, a minimal amount of labor (excluding City General Government Overhead and Facilities and Community Services Department maintenance) for a lamp cost of $8.49. Since the spacing will be 600', a spacing of 600' will be used in the calculation.

$$\frac{\$8.49 \times 12}{1200} \times \frac{100'}{\text{UOB}} = \$8.49 \text{ per UOB}$$

Zone 3: Includes 150 watt high pressure, sodium vapor luminaries with a monthly billing rate from SCE, a minimal amount of labor (excluding City General Government Overhead and Facilities and Community Services Department maintenance) for a lamp cost of $11.51. Since the spacing will be 265' ± 15', a spacing of 250' will be used in the calculation.

$$\frac{\$11.51 \times 12}{500} \times \frac{100'}{\text{UOB}} = \$27.63 \text{ per UOB}$$

Zone 4: Includes 150 watt high pressure, sodium vapor luminaries with a monthly billing rate from SCE, a minimal amount of labor (excluding City General Government Overhead and Facilities and Community Services Department maintenance) for a lamp cost of $11.51. Since the spacing will be 215' ± 15', a spacing of 230' will be used in the calculation.

$$\frac{\$11.51 \times 12}{460} \times \frac{100'}{\text{UOB}} = \$30.03 \text{ per UOB}$$

The incidental expenses are most equitably spread on a UOB basis, which is the same method for spreading the benefit from the direct lighting costs.

VIII. CALCULATION OF UOB AND INCIDENTAL COSTS FOR FY2022-2023

For a breakdown of the UOB Incidental Costs see Appendix A – Calculation of UOB and Incidental Cost Table

IX. ESTIMATED ASSESSMENTS FOR FY2022-2023

The following calculations presume the on-site development has been completed and include the estimated energy, administration and engineering costs:

Original District (Zone 3) – Parcel Map 11917 APN 0292-032-39, 40, 41, 42

The four parcels will receive one UOB per 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of operation and maintenance to be assessed
N = Number of UOB in Parcel Map 11917

NA = C
A = $621.55/31
A = $20.05 per UOB

Assessment for each parcel:

Parcel 2	-	10 UOB	=	$200.50
Parcel 3	-	2 UOB	=	$40.10
Parcel 4	-	3 UOB	=	$60.15
Parcel 5	-	16 UOB	=	$320.80

Annexation S1-A – Parcel Map 12450, APN 0167-201-62 thru -65

These parcels are not assessed.

Annexation S1-B (Zone 4) – Parcel Map 11755 APN 0293-172-16, 17, 18

The seven parcels in Annexation S1-B having street frontage will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S1-B with street frontage

NA = C
A = $273.39/13
A = $21.03 per UOB

Assessment for each parcel:

Parcel 1	-	1 UOB	=	$21.03
Parcel 3	-	1 UOB	=	$21.03
Parcel 5	-	1 UOB	=	$21.03
Parcel 6	-	2 UOB	=	$42.06
Parcel 7	-	2 UOB	=	$42.06
Parcel 8	-	4 UOB	=	$84.12
Parcel 9	-	2 UOB	=	$42.06

The original parcels have been reconfigured into three Assessor's Parcels.

Annexation S1-C (Zone 4) – CUP 617 APN 0292-033-11

The one parcel in Annexation S1-C will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S1-C

NA = C
A = $231.33/1
A = $231.33 per Parcel

Annexation S1-D (Zone 3) – MS 184, Parcel Map 12300, APN 0167-231-19, 20, 21

The three parcels in Annexation S1-D will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S1-D

NA = C
A = $60.15/3
A = $20.05 per Parcel

Annexation S1-E (Zone 3) – CUP 382 APN 0171-383-19, 20

The two parcels in Annexation S1-E will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-E

NA = C
A = $40.10/2
A = $20.05 per Parcel

Annexation S1-F (Zone 1) – CRA 606 APN 0169-131-33

The one parcel in Annexation S1-F will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-F

NA = C
A = $19.45/1
A = $19.45 per Parcel

Annexation S1-G (Zone 4) – CRA 486 APN 0292-321-10

The one parcel in Annexation S1-G will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-G

NA = C
A = $105.15/1
A = $105.15 per Parcel

Annexation S1-G (Zone 4) – CRA 486 APN 0292-321-10

The one parcel in Annexation S1-G will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-G

NA = C
A = $105.15/1
A = $105.15 per Parcel

Annexation S1-H (Zone 4) – CUP 253 APN 0169-411-07

The one parcel in Annexation S1-H will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-H

NA = C
A = $105.15/1
A = $105.15 per Parcel

Annexation S1-I (Zone 3) – CRA 608 APN 0169-142-11

The one parcel in Annexation S1-I will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-I

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S1-J (Zone 3) – CUP 519 APN 0171-331-04

The one parcel in Annexation S1-J will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-J

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S1-K (Zone 4) – CUP 516 APN 0292-166-11

The one parcel in Annexation S1-K will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-K

NA = C
A = $273.39/1
A = $273.39 per Parcel

Annexation S1-L (Zone 3) – CUP 518 APN 0169-053-12

The one parcel in Annexation S1-L will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-L

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S1-M (Zone 3) – CUP 522 APN 0172-031-49

The one parcel in Annexation S1-M will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-M

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S1-N (Zone 1) – Tract 13947 APN 0174-621-01 thru -35

The thirty-five parcels in Annexation S1-N will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-N

NA = C
A = $680.75/35
A = $19.45 per Parcel

Annexation S1-O (Zone 3) – CUP 521 APN 0292-034-16

The one parcel in Annexation S1-O will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-L

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S1-P (Zone 1) – CUP 605 APN 0169-182-02, 03, 04

The three parcels in Annexation S1-P will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-L

NA = C
A = $38.90/3
A = $12.97 per Parcel

Annexation S1-Q – City Hall, APN 0171-301-03

The one parcel in Annexation S1-Q is not assessed.

Annexation S1-R – Parcel Map 11904, APN 0176-044-14, 15

The two parcels in Annexation S1-R are not assessed.

Annexation S1-S (Zone 3) – CUP 278 APN 0171-171-18, 22, 23

The three parcels in Annexation S1-S will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-L

NA = C
A = $80.20/3
A = $26.73 per Parcel

Annexation S7-A was originally APN 0171-161-13 and was then changed to APN 0171-161-14 and -15. Annexation S1-S was originally APN 0171-171-18, -22, and -23. Assessments for Annexation S7-A and S1-S were combined and then adjusted proportionately. New APNs for both annexations are 0171-161-17 and 0171-171-34. Assessment spread proportionately.

Annexation S1-T (Zone 3) – CUP 405 APN 0169-343-07

The one parcel in Annexation S1-T will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-T

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S1-U (Zone 4) – CRA 354, Parcel Map 3131 APN 0292-182-30, 31

The two parcels in Annexation S1-U will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-L

NA = C
A = $42.06/2
A = $21.03 per Parcel

Annexation S1-V (Zone 1) – CRA 346 APN 0292-061-25

The one parcel in Annexation S1-V will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-V

NA = C
A = $19.45/1
A = $19.45 per Parcel

This property is owned by the County of San Bernardino and is not assessed.

Annexation S1-W (Zone 3) – CRA 607 APN 0292-156-21

The one parcel in Annexation S1-L will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-W

NA = C
A = $120.30/1
A = $120.30 per Parcel

Annexation S1-X (Zone 1) – Tract 12461 APN 1212-191-60 thru -79

The twenty parcels in Annexation S1-X will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of parcels in Annexation S1-X

NA = C
A = $389.00/20
A = $19.45 per Parcel

Annexation S1-Y (Zone 3) – Parcel Map 12022 APN 0169-212-17 thru -27

The eleven parcels in Annexation S1-Y having street frontage will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S1-Y

NA = C
A = $380.95/19
A = $20.05 per UOB

Assessment for each parcel:

Parcel 1	-	3 UOB	=	$60.15
Parcel 2	-	1 UOB	=	$20.05
Parcel 3	-	1 UOB	=	$20.05
Parcel 4	-	2 UOB	=	$40.10
Parcel 5	-	4 UOB	=	$80.20
Parcel 6	-	3 UOB	=	$60.15
Parcel 7	-	1 UOB	=	$20.05
Parcel 8	-	1 UOB	=	$20.05
Parcel 9	-	1 UOB	=	$20.05
Parcel 10	-	1 UOB	=	$20.05
Parcel 11	-	1 UOB	=	$20.05

Annexation S2-A (Zone 3) – Parcel Map 12330 APN 0292-153-24, 25, 26, 27

The four parcels in Annexation S2-A will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S2-A

NA = C
A = $240.60/12
A = $20.05 per UOB

Assessment for each parcel:

Parcel 1	-	4 UOB	=	$80.20
Parcel 3	-	4 UOB	=	$80.20
Parcel 5	-	2 UOB	=	$40.10
Parcel 4	-	2 UOB	=	$40.10

Annexation S2-B (Zone 3) – Parcel Map 12940 APN 0292-441-11 thru 15

The five parcels in Annexation S2-B will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S2-B

NA = C
A = $60.15/5
A = $12.03 per Parcel

Annexation S2-C (Zone 3) – MS 184, Parcel Map 12300, APN 0167-231-19, 20, 21

This annexation is a duplication of Annexation S1-D and has been removed.

Annexation S2-D (Zone 1) – Tract 14556 APN 0176-441-18 thru 27

The ten parcels in Annexation S2-D will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S2-D

NA = C
A = $330.65/10
A = $33.07 per Parcel

Annexation S2-E – CRA 611 APN 0174-241-31

This annexation is not assessed.

Annexation S2-F (Zone 3) – MS 196 APN 0292-331-15, 16

The two parcels in Annexation S2-F will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S2-F

NA = C
A = $160.40/2
A = $80.20 per Parcel

Annexation S2-G Parcel Map 11189 APN 0294-091-48, 48

The two parcels in Annexation S2-G are not assessed.

Annexation S2-H (Zone 4) – CRA 615 APN 0292-157-31

The one parcel in Annexation S2-H will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S2-H

NA = C
A = $21.03/1
A = $21.03 per Parcel

Annexation S3-A (Zone 3) – CRA 517 APN 0169-321-01, 02

The two parcels in Annexation S3-A will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-A

NA = C
A = $80.20/2
A = $40.10 per Parcel

Annexation S3-B (Zone 1) – CRA 628 APN 0292-310-07

The one parcel in Annexation S3-B will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-B

NA = C
A = $19.45/1
A = $19.45 per Parcel

Annexation S3-C (Zone 3) – CRA 624 APN 0169-281-39

The one parcel in Annexation S3-C will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-C

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S3-D (Zone 3) – CRA 305 APN 0167-271-61

The one parcels in Annexation S3-D will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-D

NA = C
A = $100.25/1
A = $100.25 per Parcel

Annexation S3-E (Zone 1) – Tract 13575 APN 1212-201-01 thru -27

The twenty-seven parcels in Annexation S3-E will receive an equal benefit assessment:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-E

NA = C
A = $700.20/27
A = $25.93 per Parcel

Annexation S3-F (Zone 3 & 4) – CUP 550 APN 0292-165-15

The one parcel in Annexation S3-F will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-F

NA = C
A = $222.51/1
A = $222.51 per Parcel

Annexation S3-G (Zone 1) – CRA 623 APN 0292-381-08

The one parcel in Annexation S3-G will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-G

NA = C
A = $19.45/1
A = $19.45 per UOB

Annexation S3-H (Zone 4) – CUP 542 APN 0292-064-13, 17, 21 thru 27

The nine parcels in Annexation S3-H will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-A

NA = C
A = $567.81/27
A = $21.03 per UOB

Assessment for each parcel:

Parcel 1	-	4 UOB	=	$84.12
Parcel 2	-	2 UOB	=	$42.06
Parcel 3	-	2 UOB	=	$42.06
Parcel 4	-	7 UOB	=	$147.21
Parcel 5	-	4 UOB	=	$84.12
Parcel 6	-	2 UOB	=	$42.06
Parcel 7	-	1 UOB	=	$21.03
Parcel 8	-	1 UOB	=	$21.03
Parcel 9	-	4 UOB	=	$84.12

Annexation S3-I – there is no Annexation S3-I

Annexation S3-J (Zone 3) – MS 201 APN 0171-341-33

The one parcel in Annexation S3-J will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S3-J

NA = C
A = $80.20/1
A = $80.20 per Parcel

Annexation S4-A (Zone 4) – MS 213, Parcel Map 13978 APN 0172-301-14, 15, 16, 17

The four parcels in Annexation S4-A will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-A

NA = C
A = $63.09/3
A = $21.03 per UOB

Assessment for each parcel:

Parcel 1	-	2 UOB	=	$25.24
Parcel 2	-	1 UOB	=	$12.62
Parcel 3	-	1 UOB	=	$12.62
Parcel 4	-	1 UOB	=	$12.62

Annexation S4-B (Zone 3) – MS 211 APN 0292-201-36, 39

The two parcels in Annexation S4-B will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-B

NA = C
A = $100.25/5
A = $20.05 per UOB

Assessment for each parcel:

Parcel 1	-	2 UOB	=	$40.10
Parcel 2	-	3 UOB	=	$60.15

Parcel 2 lot line was adjusted with the property to the north. The assessment was spread proportionately - $47.57 to APN 0292-201-39 and $12.58 to APN 0292-201-40.

Annexation S4-C (Zone 4) – CUP 559 APN 0171-202-30

The one parcel in Annexation S4-C will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-C

NA = C
A = $40.10/1
A = $40.10 per Parcel

Annexation S4-D (Zone 1) – CRA 636 APN 0169-043-14

The one parcel in Annexation S4-D will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-D

NA = C
A = $58.35/1
A = $58.35 per Parcel

Annexation S4-E (Zone 4) – CUP 546 APN 0292-192-11

The one parcel in Annexation S4-E will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-E

NA = C
A = $231.33
A = $231.33 per UOB

Annexation S4-F (Zone 1) – CUP 641 APN 0292-310-36

The two parcels in Annexation S4-F will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-G

NA = C
A = $38.90/2
A = $19.45 per UOB

The two parcels were subsequently combined into a single parcel and the full assessment is on the one parcel.

Annexation S4-G (Zone 4) – CRA 640 APN 0169-301-08, 10, 11

The three parcels in Annexation S4-G will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessment are as follows:

A = Assessment per UOB
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB in Annexation S4-C

NA = C
A = $21.03/3
A = $7.01 per Parcel

Annexation S4-H (Zone 4) - CUP 562 APN 0292-064-17

The one parcel in Annexation S4-H will receive four UOB assessments for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S4-H

NA = C
A = $84.12/1
A = $84.12 per Parcel

Note that Annexation S4-H is already assessed in Annexation S3-H. Therefore, the assessment in Annexation S4-H is $0

Annexation S4-I (Zone 1) - CUP 548 APN 0169-313-16

The one parcel in Annexation S4-I will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S4-1

NA = C
A = $77.80 /1
A = $77.80 per Parcel

Annexation S5-A – CRA 637 APN 0169-281-23

This property became a City owned parcel and was removed from the assessment roll.

Annexation S5-B (Zone 1) - Tract 10179 APN 0167-851-39 thru 56, 0167-861-37 thru 54

The thirty-six parcels in Annexation S5-B will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S5-B

NA = C
A = $505.70/36
A = $14.05 per Parcel

Annexation S5-C (Zone 1) - CUP 574 APN 0171-202-33

The one parcel in Annexation S5-C will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S5-C

NA = C
A = $19.45/1
A = $19.45 per Parcel

Annexation S5-D (Zone 3) - CRA 642 APN 0292-154-12

The one parcel in Annexation S5-D will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation 85·0

NA = C
A = $100.25/1
A = $100.25 per Parcel

Annexation S5-E (Zone 1) - MS 216-B Parcel Map 14090 APN 0174-021-41, 42

The two parcels in Annexation S5-E will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S5-E

NA = C
A = $38.90/2
A = $19.45 per Parcel

Annexation S6-A (Zone 4) - CRA 648 APN 0292-157-16

The one parcel in Annexation S6-A will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S6-A

NA = C
A = $189.27/1
A = $189.27 per Parcel

Annexation S6-B (Zone 1) - CUP 581 APN 0171-203-13

The one parcel in Annexation S6-B will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S6-B

NA = C
A = $38.90/1
A = $38.90 per Parcel

Annexation S7-A (Zone 3): MS 228 APN 0171-161-17

The two parcels in Annexation S7-A will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-A

NA = C
A = $200.50/2
A = $100.25 per Parcel

Annexation S7-A was originally APN 0171-161-13 and was then changed to APN 0171-161-14 and -15. Annexation S1-S was originally APN 0171-171-18, -22, and -23. Assessments for Annexation S7-A and S1-S were combined and then adjusted proportionately. New APNs for both annexations are 0171-161-17 and 0171-171-34. Assessment spread proportionately.

Annexation S7-B (Zone 3): CRA 639 APN 0292-152-39

The one parcel in Annexation S7-B will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-B

NA = C
A = $100.25/1
A = $100.25 per Parcel

Annexation S7-C (Zone 4) - CUP 602 APN 0292-063-48

The one parcel in Annexation S7-C will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-C

NA = C
A = $42.06/1
A = $42.06 per Parcel

Annexation S7-D (Zone 1) - CUP 590 APN 0171-332-30

The one parcel in Annexation S7-D will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-D

NA = C
A = $38.90/1
A = $38.90 per Parcel

Annexation S7-E (Zones 1 & 3) - CUP 607 APN 0167-101-13

The one parcel in Annexation S7-E will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-E

NA = C
A = $198.10/1
A = $198.10 per Parcel

Annexation S7-F (Zone 1) - CUP 577 APN 1212-041-01

The one parcel in Annexation S7-F will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-F

NA = C
A = $77.80/1
A = $77.80 per Parcel

Annexation S7-G (Zone 1) - CUP 541 APN 0174-261-15

The one parcel in Annexation S7-G will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-G

NA = C
A = $155.60/1
A = $155.60 per Parcel

Annexation S7-H (Zone 2) - Tract 14790-1 APN 0176-521-01 thru -13, -18 thru -23, -27 thru -32, APN 0176-531-01, 02, 03, 07, 08, 09, 12, 13, 18, 20, 21, 22, 24, 25, 26

The forty parcels in Annexation S7-H will receive an equal benefit assessment.

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S7-H

NA = C
A = $1,660.00/40
A = $41.50 per Parcel

Annexation S8-A (Zone 3) - CUP 584 APN 0172-121-03

The one parcel in Annexation S8-A will receive the entire benefit assessment. The calculations for the assessment are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S8-A

NA = C
A = $20.05/1
A = $20.05 per Parcel

Annexation S8-B (Zone 3) - CRA 666 APN 0292-158-17

The one parcel in Annexation S8-B will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S8-B

NA = C
A = $40.10/1
A = $40.10 per Parcel

Annexation S8-C (Zone 3) - CRA 616

The portion of this property that was Annexation S8-C is no longer assessed.

Annexation S9-A (Zones 1 & 4) - Tract 15589 APN 0293-421-01 thru -45

The forty-five parcels in Annexation S9-A will receive an equal benefit assessment.

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S9-A

NA = C
A = $202.40/45
A = $4.50 per Parcel

Annexation S9-B (Zone 1) - MS 221, Parcel Map 14285 APN 0174-281-33, 34, 35, 37

The four parcels in Annexation S9-B will receive an equal benefit assessment. The calculation for the assessment follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S9-B

NA = C
A = $58.35/4
A = $14.59 per Parcel

Annexation S9-C – there is no Annexation S9-C

Annexation S9-D (Zone 3) - CUP 617 APN 0292-033-13

The one parcel in Annexation S9-D will receive the entire benefit assessment. The calculation for the assessment follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S9-D

NA= C
A = $80.20/1
A = $80.20 per Parcel

Annexation S9-E (Zone 1) - CRA 670 APN 0292-157-20

The one parcel in Annexation S9-E will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S9-E

NA = C
A= $19.45/1
A = $19.45 per Parcel

Annexation S9-F (Zone 3) - CUP 629

The one parcel in Annexation S9-F will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S9-F

NA = C
A = $100.25/1
A = $100.25 per Parcel

Annexation S10-A (Zones 1 & 3) - Tract 15040 APN 0174-631-01 thru -09, -11 thru -35, -37 thru -58, -63, -64

The fifty-eight parcels in Annexation S10-A will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N =Number of Parcels in Annexation S10-A

NA = C
A = $1,461.15/58
A = $25.19 per Parcel

Annexation S10-B (Zones 1 & 4) - Tract 15832 APN 0172-301-18 thru 22, 26

The six parcels in Annexation S10-B will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-B

NA = C
A = $140.89/6
A = $23.48 per Parcel

Annexation S10-C (Zones 1, 3 & 4) - TR 15937 APN 0168-731-01 thru -25, APN 0168-741-01 thru -78, APN 0168-751-01 thru -56

The one hundred fifty-nine parcels in Annexation S10-C will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-C

NA = C
A = $2,722.64 /159
A = $17.12 per Parcel

Annexation S10-D (Zone 1) - Tract 16015 APN 1212-021-01 thru -62
The sixty-two parcels in Annexation S10-D will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-D

NA = C
A = $1,050.30/62
A = $16.94 per Parcel

Annexation S10-E (Zones 1 & 3) - Tract 16029 APN 0167-081-13 thru -45

The thirty-three parcels in Annexation S10-E will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $453.95/33
A = $13.76 per Parcel

Annexation S10-F (Zones 1 & 4) - Tract 16032 APN 0170-481-20 thru -34

The fifteen parcels in Annexation S10-F will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-F

NA = C
A = $259.17 /15
A = $17.28 per Parcel

Annexation S10-G (Zone 1) - Tract 16082 APN 0172-091-24 thru 36

The thirteen parcels in Annexation S1O-G will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-G

NA = C
A= $350.10/13
A = $26.93 per Parcel

Annexation S10-H (Zones 1 & 4) - Tract 16101 APN 0168-771-01 thru -50, APN 0168-781-01 thru -34, APN 0168-791-01 thru -28, APN 0168-801-01 thru -38

The one hundred fifty parcels in Annexation S10-H will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-H

NA = C
A = $2,289.87/150
A = $15.27 per Parcel

Annexation S10-I (Zones 1 & 4) - MS 253 (PM 15530) and MS 255 (PM 15617)
APN 0292-153-28, -30 thru -43

The fifteen parcels in Annexation S10-I will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment/Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-I

NA=C
A = $435.80/22
A = $19.81 per UOB

Assessment for each Parcel in PM 15530 (except Parcel 2):
APN 0292-153-28, 30 thru 41

Parcel 1	-	3 UOB	=	$59.43
Parcel 3	-	1 UOB	=	$19.81
Parcel 4	-	3 UOB	=	$59.43
Parcel 5	-	1 UOB	=	$19.81
Parcel 6	-	1 UOB	=	$19.81
Parcel 7	-	1 UOB	=	$19.81
Parcel 8	-	1 UOB	=	$19.81
Parcel 9	-	1 UOB	=	$19.81
Parcel 10	-	1 UOB	=	$19.81
Parcel 11	-	1 UOB	=	$19.81
Parcel 12	-	4 UOB	=	$79.24
Parcel 13	-	1 UOB	=	$19.81
Parcel 14	-	1 UOB	=	$19.81

Assessment for each Parcel in PM 15530:
APN 0292-153-42, 43

Parcel 1	-	1 UOB	=	$19.81
Parcel 3	-	1 UOB	=	$19.81

Annexation S10-J (Zone 4) - MS 252 (PM 15492) APN 0169-011-32 thru -35, -38, -39

The original five parcels in Annexation S10-J will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels in Annexation S10-J

NA = C
A = $147.21/5
A = $29.44 per Parcel for APN -32 thru -35

APN 0169-011-36 was split into APN 0169-011-38 and -39.
Therefore, A = $14.72 per Parcel for APN -38 and -39

Annexation S10-K (Zones 1 & 4) - CRA 720, PM 17658, APN 0292-154-22 thru -25

The four parcels in Annexation S7-K will receive one UOB assessment for 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment
C = Cost of SCE UOB and Incidental Expenses
N = Number of UOB

NA = C
A = $139.31/7
A = $19.45 per UOB (Zone 1)
A = $21.03 per UOB (Zone 4)

Assessment for each parcel:

Parcel 1	-	Zone 1 - 2 UOB / Zone 4 - 2 UOB	= $80.96
Parcel 2	-	Zone 1 - 1 UOB	= $19.45
Parcel 3	-	Zone 1 - 1 UOB	= $19.45
Parcel 4	-	Zone 1 - 1 UOB	= $19.45

Annexation S10-L – there is no Annexation S10-L

Annexation S10-M (Zone 1) - CRA 679 - APN 0292-310-42

The one parcel will receive entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and incidental Expenses
N = Number of Parcels

NA = C
A = $19.45/1
A = $19.45 per Parcel

Annexation S10-N (Zone 3) - CUP 35R2 - APN 0173-251-21

The one parcel will receive entire benefit assessment. The calculations for the assessments are as follows:

A =Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $60.15/1
A = $60.15 per Parcel

Annexation S10-O (Zone 3) - CUP 355 Rev. 8 - APN 0172-121-10, 11, 14

The three parcels will receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $80.20/3
A = $26.73 per Parcel

Annexation S10-P (Zone 3) - CUP 543 - APN 0171-431-05

The one parcel will receive entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $120.30/1
A = $120.30 per Parcel

Annexation S10-Q (Zones 1 & 2) - MS 234 (PM 14891) - APN 0169·272-29, APN 0169-281-45, 46

The three parcels will receive one UOB per 100 feet of parcel frontage in accordance with this report. The calculations for the assessments are as follows:

A = Assessment per UOB
C = Cost of operation and maintenance to be assessed
N = Number of UOB

NA = C
A = $196.38/12
A = $16.37 per UOB

Assessment for Each Parcel

Parcel 29	-	4 UOB	=	$65.48
Parcel 45	-	6 UOB	=	$98.22
Parcel 46	-	2 UOB	=	$32.74

Annexation S10-R (Zone 3) - MS 251 (PM 15414) APN 0176-014-16, 17

The two parcels will receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $60.15/2
A = $30.08 per Parcel

Annexation S10-S (Zones 1 & 3) - Tract 14790-2 APN 0294-181-02 thru -15, APN 0294-191-01 thru -04, -06 thru -12, -16 thru -20, APN 0294-201-09, -11, -13, -15, -19, -21, -27, -28, APN 0294-211-02 thru -04, -06 thru -10, -12, -13

The forty-eight parcels in Annexation S10-S will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $2,378.05/48
A = $49.54 per Parcel

Annexation S10-T (Zones 1 & 3) - Tract 14790-3 APN 0294-222-01 thru -12, APN 0294-232-01 thru -07, APN 0294-242-01 thru -06, APN 0294-252-01 thru -13, APN 0294-262-01 thru -13

The fifty-one parcels in Annexation S10-T will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $1,842.70/51
A = $36.13 per Parcel

Annexation S10-U (Zones 1, 3 & 4) - Tract 15532 APN 0168-271-13 thru -48

The thirty-six parcels in Annexation S10-U will each receive an equal benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $515.40/36
A = $14.32 per Parcel

Annexation S10-V (Zone 1) - CUP 652 - APN 0171-011-67

The one parcel will receive entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of SCE UOB and Incidental Expenses
N = Number of Parcels

NA = C
A = $19.45/1
A = $19.45 per Parcel

APN 0171-011-54 was the original Annexation 10-V. That parcel was merged with the parcel immediately to the east (APN 0171-011-45). The new parcel was assigned APN 0171-011-67.

Annexation S10-W (Zone 1) - MS 240 (PM 14912) - APN 0292-201-22

The one parcel will receive the entire benefit assessment. The calculations for the assessments are as follows:

A = Assessment per Parcel
C = Cost of Incidental Expenses
N = Number of Parcels

NA = C
A = $19.45/1
A = $19.45 per Parcel

This parcel has been subdivided and is not assessed.

* * * * * * * * * * * *

The City Council will hold a public meeting on June 21, 2022 to determine the assessments based upon the costs for FY2022-2023 which are anticipated to be incurred by the City and which are to be recovered through assessments as required by the Landscaping and Lighting District Act of 1972.

APPENDIX A

CALCULATION OF MAINTENANCE AND INCIDENTAL COST TABLE

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APPENDIX A
COST TABLE
ENGINEER'S REPORT
STREET LIGHTING DISTRICT NO. 1, FY 2022-2023

District Name	Original District	Annexation S1-B	Annexation S1-C	Annexation S1-D	Annexation S1-E	Annexation S1-F	Annexation S1-G	Annexation S1-H	Annexation S1-I	Annexation S1-J	Annexation S1-K	Annexation S1-L	Annexation S1-M	Annexation S1-N	Annexation S1-O	Annexation S1-P
Description	PM 11917	PM 11755	CUP 617	MS 184	CUP 382	CRA 606	CRA 486	CUP 253	CRA 608	CUP 519	CUP 516	CUP 518	CUP 522	Tract 13947	CUP 521	CUP 605
Original Parcels	APN 292-032-39 THRU 42	APN 293-172-16 THRU 18	APN 292-033-11	APN 167-231-19 THRU 21	APN 171-383-19 & 20	APN 169-131-33	APN 292-321-10	APN 169-411-07	APN 169-142-11	APN 171-331-04	APN 292-166-11	APN 169-053-12	APN 172-031-49	APN 174-621-01 THRU 35	APN 292-034-16	APN 169-182-02 THRU 04
Zone	3	4	4	3	3	1	4	4	3	3	4	3	3	1	3	1
Unit of Benefit/Zone																
Zone 1 UOB	0	0	0	0	0	1	0	0	0	0	0	0	0	35	0	2
Zone 2 UOB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zone 3 UOB	31	0	0	3	2	0	0	0	1	1	0	1	1	0	1	0
Zone 4 UOB	0	13	11	0	0	0	5	5	0	0	13	0	0	0	0	0
TOTAL UOB per Zone	31	13	11	3	2	1	5	5	1	1	13	1	1	35	1	2
Actual Expenses																
Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incidental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Calculation of Current Assessments:																
Unit of Benefit Assessment/ Zone																
Zone 1	$ -	$ -	$ -	$ -	$ -	$ 20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 713	$ -	$ 41
Zone 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Zone 3	$ 857	$ -	$ -	$ 83	$ 55	$ -	$ -	$ -	$ 28	$ 28	$ -	$ 28	$ 28	$ -	$ 28	$ -
Zone 4	$ -	$ 390	$ 330	$ -	$ -	$ -	$ 150	$ 150	$ -	$ -	$ 390	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ 857**	**$ 390**	**$ 330**	**$ 83**	**$ 55**	**$ 20**	**$ 150**	**$ 150**	**$ 28**	**$ 28**	**$ 390**	**$ 28**	**$ 28**	**$ 713**	**$ 28**	**$ 41**
Incidental Expenses																
Engineering and Admin.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL APPLIED UOB & EXPENSES	**$ 857**	**$ 390**	**$ 330**	**$ 83**	**$ 55**	**$ 20**	**$ 150**	**$ 150**	**$ 28**	**$ 28**	**$ 390**	**$ 28**	**$ 28**	**$ 713**	**$ 28**	**$ 41**
Levy Adjustments																
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ (235)	$ (117)	$ (99)	$ (23)	$ (15)	$ (1)	$ (45)	$ (45)	$ (8)	$ (8)	$ (117)	$ (8)	$ (8)	$ (33)	$ (8)	$ (2)
BALANCE TO LEVY	**$ 856.53**	**$ 390.39**	**$ 330.33**	**$ 82.89**	**$ 55.26**	**$ 20.38**	**$ 150.15**	**$ 150.15**	**$ 27.63**	**$ 27.63**	**$ 390.39**	**$ 27.63**	**$ 27.63**	**$ 713.30**	**$ 27.63**	**$ 40.76**
Total # of Parcels	4	3	1	3	2	1	1	1	1	1	1	1	1	35	1	3
Total Parcels Levied	4	3	1	3	2	1	1	1	1	1	1	1	1	35	1	3
Total Assessment Allowable	**$ 621.55**	**$ 273.39**	**$ 231.33**	**$ 60.15**	**$ 40.10**	**$ 19.45**	**$ 105.15**	**$ 105.15**	**$ 20.05**	**$ 20.05**	**$ 273.39**	**$ 20.05**	**$ 20.05**	**$ 680.75**	**$ 20.05**	**$ 38.91**

APPENDIX A
COST TABLE
ENGINEER'S REPORT
STREET LIGHTING DISTRICT NO. 1, FY 2022-2023

District Name	Annexation S1-S	Annexation S1-T	Annexation S1-U	Annexation S1-V	Annexation S1-W	Annexation S1-X	Annexation S1-Y	Annexation S2-A	Annexation S2-B	Annexation S2-D	Annexation S2-F	Annexation S2-H	Annexation S3-A	Annexation S3-B	Annexation S3-C	Annexation S3-D
Description	CUP 278	CUP 405	CRA 354	CRA 346	CRA 607	Tract 12461	PM 12022	PM 12330	PM 12940	Tract 14556	MS 196	CRA 615	CRA 517	CRA 628	CRA 624	CRA 305
Original Parcels	APN 171-171-18, 22 & 23 Subsequently,S1-S and S7-A resubdivided. Proportionate assessments levied to 0171-171-34 for for S1-S	APN 169-343-07	APN 292-182-30 & 31	APN 292-061-25	APN 292-156-21	APN 1212-191-60 THRU 79	APN 169-212-17 THRU 27	APN 292-153-24 THRU 27	APN 292-441-11 THRU 15	APN 176-441-18 THRU 27	APN 292-331-15 & 16	APN 292-157-31	APN 169-321-01 & 02	APN 292-310-07	APN 169-281-39	APN 167-271-61
Zone	3	3	4	Owned by County	3	1	3	3	3	1	3	4	3	1	3	3
Unit of Benefit/Zone																
Zone 1 UOB	0	0	0	0	0	20	0	0	0	17	0	0	0	1	0	0
Zone 2 UOB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zone 3 UOB	4	1	0	0	6	0	19	12	3	0	8	0	4	0	1	5
Zone 4 UOB	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0
TOTAL UOB per Zone	4	1	2	0	6	20	19	12	3	17	8	1	4	1	1	5
Actual Expenses																
Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incidental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Calculation of Current Assessments:																
Unit of Benefit Assessment/ Zone																
Zone 1	$ -	$ -	$ -	$ -	$ -	$ 408	$ -	$ -	$ -	$ 346	$ -	$ -	$ -	$ 20	$ -	$ -
Zone 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Zone 3	$ 111	$ 28	$ -	$ -	$ 166	$ -	$ 525	$ 332	$ 83	$ -	$ 221	$ -	$ 111	$ -	$ 28	$ 138
Zone 4	$ -	$ -	$ 60	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 30	$ -	$ -	$ -	$ -
SUBTOTAL	**$ 111**	**$ 28**	**$ 60**	**$ -**	**$ 166**	**$ 408**	**$ 525**	**$ 332**	**$ 83**	**$ 346**	**$ 221**	**$ 30**	**$ 111**	**$ 20**	**$ 28**	**$ 138**
Incidental Expenses																
Engineering and Admin.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL APPLIED UOB & EXPENSES	**$ 111**	**$ 28**	**$ 60**	**$ -**	**$ 166**	**$ 408**	**$ 525**	**$ 332**	**$ 83**	**$ 346**	**$ 221**	**$ 30**	**$ 111**	**$ 20**	**$ 28**	**$ 138**
Levy Adjustments																
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ (30)	$ (8)	$ (18)	$ -	$ (45)	$ (19)	$ (144)	$ (91)	$ (23)	$ (16)	$ (61)	$ (9)	$ (30)	$ (1)	$ (8)	$ (38)
BALANCE TO LEVY	**$ 110.52**	**$ 27.63**	**$ 60.06**	**$ -**	**$ 165.78**	**$ 407.60**	**$ 524.97**	**$ 331.56**	**$ 82.89**	**$ 346.46**	**$ 221.04**	**$ 30.03**	**$ 110.52**	**$ 20.38**	**$ 27.63**	**$ 138.15**
Total # of Parcels	3	1	2	1	1	20	11	4	5	10	2	1	2	1	1	1
Total Parcels Levied	3	1	2	0	1	20	11	4	5	10	2	1	2	1	1	1
Total Assessment Allowable	**$ 80.19**	**$ 20.05**	**$ 42.06**	**$ -**	**$ 120.30**	**$ 389.00**	**$ 380.95**	**$ 240.60**	**$ 60.15**	**$ 330.70**	**$ 160.40**	**$ 21.03**	**$ 80.20**	**$ 19.45**	**$ 20.05**	**$ 100.25**

APPENDIX A
COST TABLE
ENGINEER'S REPORT
STREET LIGHTING DISTRICT NO. 1, FY 2022-2023

District Name	Annexation S3-E	Annexation S3-F	Annexation S3-G	Annexation S3-H	Annexation S3-J	Annexation S4-A	Annexation S4-B	Annexation S4-C	Annexation S4-D	Annexation S4-E	Annexation S4-F	Annexation S4-G	Annexation S4-H	Annexation S4-I	Annexation S5-B	Annexation S5-C
Description	Tract 13575	CUP 550	CRA 623	CUP 542	MS 201	MS 213	MS 211	CUP 559	CUP 636	CRA 546	CRA 641	CRA 640	CUP 562	CUP 548	Tract 10179	CUP 574
Original Parcels	APN 1212-701-01 THRU 27	APN 292-165-15	APN 292-381-08	APN 292-064-13, 17, 21 THRU 27	APN 171-341-33	APN 172-301-14 THRU 17	APN 292-201-36 & 37 Subsequently 36 became 38	APN 171-202-30	APN 169-043-14	APN 292-192-11	APN 292-310-36	APN 169-301-08, 10, 11	APN 292-064-17	APN 169-313-16	APN 167-861-37 THRU 54; APN 167-851-39 THRU 56	APN 171-202-33
Zone	1	3 & 4	1	4	3	4	3	3	1	4	1	4	See ANX S3-H	1	1	1
Unit of Benefit/Zone																
Zone 1 UOB	36	0	1	0	0	0	0	0	3	0	2	0	0	4	26	1
Zone 2 UOB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zone 3 UOB	0	9	0	0	4	0	5	2	0	0	0	0	0	0	0	0
Zone 4 UOB	0	2	0	27	0	3	0	0	0	11	0	1	0	0	0	0
TOTAL UOB per Zone	36	11	1	27	4	3	5	2	3	11	2	1	0	4	26	1
Actual Expenses																
Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incidental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Calculation of Current Assessments:																
Unit of Benefit Assessment/ Zone																
Zone 1	$ 734	$ -	$ 20	$ -	$ -	$ -	$ -	$ -	$ 61	$ -	$ 41	$ -	$ -	$ 82	$ 530	$ 20
Zone 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Zone 3	$ -	$ 249	$ -	$ -	$ 111	$ -	$ 138	$ 55	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Zone 4	$ -	$ 60	$ -	$ 811	$ -	$ 90	$ -	$ -	$ -	$ 330	$ -	$ 30	$ -	$ -	$ -	$ -
SUBTOTAL	**$ 734**	**$ 309**	**$ 20**	**$ 811**	**$ 111**	**$ 90**	**$ 138**	**$ 55**	**$ 61**	**$ 330**	**$ 41**	**$ 30**	**$ -**	**$ 82**	**$ 530**	**$ 20**
Incidental Expenses																
Engineering and Admin.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL APPLIED UOB & EXPENSES	**$ 734**	**$ 309**	**$ 20**	**$ 811**	**$ 111**	**$ 90**	**$ 138**	**$ 55**	**$ 61**	**$ 330**	**$ 41**	**$ 30**	**$ -**	**$ 82**	**$ 530**	**$ 20**
Levy Adjustments																
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ (34)	$ (86)	$ (1)	$ (243)	$ (30)	$ (27)	$ (38)	$ (15)	$ (3)	$ (99)	$ (2)	$ (9)	$ -	$ (4)	$ (24)	$ (1)
BALANCE TO LEVY	**$ 733.68**	**$ 308.73**	**$ 20.38**	**$ 810.81**	**$ 110.52**	**$ 90.09**	**$ 138.15**	**$ 55.26**	**$ 61.14**	**$ 330.33**	**$ 40.76**	**$ 30.03**	**$ -**	**$ 81.52**	**$ 529.88**	**$ 20.38**
Total # of Parcels	27	1	1	9	1	4	2	1	1	1	1	3	1	1	36	1
Total Parcels Levied	27	1	1	9	1	4	2	1	1	1	1	3	0	1	36	1
Total Assessment Allowable	**$ 700.11**	**$ 222.51**	**$ 19.45**	**$ 567.81**	**$ 80.20**	**$ 63.10**	**$ 100.25**	**$ 40.10**	**$ 58.35**	**$ 231.33**	**$ 38.90**	**$ 21.03**	**$ -**	**$ 77.80**	**$ 505.80**	**$ 19.45**

APPENDIX A
COST TABLE
ENGINEER'S REPORT
STREET LIGHTING DISTRICT NO. 1, FY 2022-2023

District Name	Annexation S5-D	Annexation S5-E	Annexation S6-A	Annexation S6-B	Annexation S7-A	Annexation S7-B	Annexation S7-C	Annexation S7-D	Annexation S7-E	Annexation S7-F	Annexation S7-G	Annexation S7-H	Annexation S8-A	Annexation S8-B	Annexation S9-A	Annexation S9-B
Description	CRA 642	MS 216-B	CRA 648	CUP 581	MS 228	CRA 639	CUP 602	CUP 590	CUP 607	CUP 577	CUP 541	Tract 14790-1	CUP 584	CRA 666	Tract 15589	MS 221
Original Parcels	APN 292-154-12	APN 174-021-41 & 42	APN 292-157-16	APN 171-203-13	APN 171-161-14 & 15 Subsequently, S1-S and S7-H were resubdivided. Proportionate assessments levied to 0171-161-17 for for S7-A	APN 292-152-39	APN 292-063-48	APN 171-332-30	APN 167-101-13	APN 1212-041-01	APN 174-261-15	APN 176-521-01 THRU 13, 18 THRU 23, 27 THRU 32, APN 176-531-01 THRU 03, 07 THRU 09, 12 THRU 14, 18, 20 THRU 25 Subsequently, 0176-531-14 was changed to -26	APN 172-121-03	APN 292-158-03 Subsequently, 03 was changed to 17	APN 293-421-01 THRU 45	APN 174-281-33, 34, 35, 37
Zone	3	1	4	1	3	3	4	1	1 & 3	1	1	2	3	3	1 & 4	1
Unit of Benefit/Zone																
Zone 1 UOB	0	2	0	2	0	0	0	2	4	4	8	0	0	0	5	3
Zone 2 UOB	0	0	0	0	0	0	0	0	0	0	0	125	0	0	0	0
Zone 3 UOB	5	0	0	0	10	5	0	0	6	0	0	0	1	2	0	0
Zone 4 UOB	0	0	9	0	0	0	2	0	0	0	0	0	0	0	5	0
TOTAL UOB per Zone	5	2	9	2	10	5	2	2	10	4	8	125	1	2	10	3
Actual Expenses																
Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incidental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Calculation of Current Assessments:																
Unit of Benefit Assessment/ Zone																
Zone 1	$ -	$ 41	$ -	$ 41	$ -	$ -	$ -	$ 41	$ 82	$ 82	$ 163	$ -	$ -	$ -	$ 102	$ 61
Zone 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,061	$ -	$ -	$ -	$ -
Zone 3	$ 138	$ -	$ -	$ -	$ 276	$ 138	$ -	$ -	$ 166	$ -	$ -	$ -	$ 28	$ 55	$ -	$ -
Zone 4	$ -	$ -	$ 270	$ -	$ -	$ -	$ 60	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 150	$ -
SUBTOTAL	**$ 138**	**$ 41**	**$ 270**	**$ 41**	**$ 276**	**$ 138**	**$ 60**	**$ 41**	**$ 247**	**$ 82**	**$ 163**	**$ 1,061**	**$ 28**	**$ 55**	**$ 252**	**$ 61**
Incidental Expenses																
Engineering and Admin.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL APPLIED UOB & EXPENSES	**$ 138**	**$ 41**	**$ 270**	**$ 41**	**$ 276**	**$ 138**	**$ 60**	**$ 41**	**$ 247**	**$ 82**	**$ 163**	**$ 1,061**	**$ 28**	**$ 55**	**$ 252**	**$ 61**
Levy Adjustments																
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ (38)	$ (2)	$ (81)	$ (2)	$ (76)	$ (38)	$ (18)	$ (2)	$ (49)	$ (4)	$ (7)	$ 599	$ (8)	$ (15)	$ (50)	$ (3)
BALANCE TO LEVY	**$ 138.15**	**$ 40.76**	**$ 270.27**	**$ 40.76**	**$ 276.30**	**$ 138.15**	**$ 60.06**	**$ 40.76**	**$ 247.30**	**$ 81.52**	**$ 163.04**	**$ 1,061.25**	**$ 27.63**	**$ 55.26**	**$ 252.05**	**$ 61.14**
Total # of Parcels	1	2	1	1	2	1	1	1	1	1	1	40	1	1	45	4
Total Parcels Levied	1	2	1	1	2	1	1	1	1	1	1	40	1	1	45	4
Total Assessment Allowable	**$ 100.25**	**$ 38.90**	**$ 189.27**	**$ 38.90**	**$ 200.50**	**$ 100.25**	**$ 42.06**	**$ 38.90**	**$ 198.10**	**$ 77.80**	**$ 155.60**	**$ 1,660.00**	**$ 20.05**	**$ 40.10**	**$ 202.50**	**$ 58.36**

APPENDIX A
COST TABLE
ENGINEER'S REPORT
STREET LIGHTING DISTRICT NO. 1, FY 2022-2023

District Name	Annexation S9-D	Annexation S9-E	Annexation S9-F	Annexation S10-A	Annexation S10-B	Annexation S10-C	Annexation S10-D	Annexation S10-E	Annexation S10-F	Annexation S10-G	Annexation S10-H	Annexation S10-I	Annexation S10-J	Annexation S10-K	Annexation S10-M
Description	CUP 617	CRA 670	CUP 629	Tract 15040	Tract 15832	Tract 15937	Tract 16015	Tract 16029	Tract 16032	Tract 16082	Tract 16101	MS 253, 255 (PM 15530, 15617	MS 252 (PM 15492	CRA 720	CRA 679
Original Parcels	APN 292-033-13	APN 292-157-20	APN 1212-431-02	APN 174-631-01 THRU 09, 11 THRU 35, 37 THRU 58, 63 & 64	APN 172-301-18 THRU 22, 26	APN 168-731-01 THRU 25, APN 168-741-01 THRU 78, APN 168-751-01 THRU 56	APN 1212-021-01 THRU 62	APN 167-081-13 THRU 45	APN 170-481-20 THRU 34	APN 172-091 24 THRU 36	APN 168-771-01 THRU 50, APN 168-781-01 THRU 34, APN 168-791-01 THRU 28, APN168-801-01 THRU 38	APN 292-153-28, 30 THRU 43	APN 169-011-32 THRU 35, 38 & 39	APN 292-154-22 THRU 25	APN 292-310-42
Zone	3	1	3	1 & 3	1 & 4	1, 3, & 4	1	1 & 3	1 & 4	1	1 & 4	1 & 4	4	1 & 4	1
Unit of Benefit/Zone															
Zone 1 UOB	0	1	0	71	4	95	54	12	9	18	108	17	0	5	1
Zone 2 UOB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zone 3 UOB	4	0	5	4	0	30	0	11	0	0	0	0	0	0	0
Zone 4 UOB	0	0	0	0	3	13	0	0	4	0	9	5	7	2	0
TOTAL UOB per Zone	4	1	5	75	7	138	54	23	13	18	117	22	7	7	1
Actual Expenses															
Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incidental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Calculation of Current Assessments:															
Unit of Benefit Assessment/ Zone															
Zone 1	$ -	$ 20	$ -	$ 1,447	$ 82	$ 1,936	$ 1,101	$ 245	$ 183	$ 367	$ 2,201	$ 346	$ -	$ 102	$ 20
Zone 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Zone 3	$ 111	$ -	$ 138	$ 111	$ -	$ 829	$ -	$ 304	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Zone 4	$ -	$ -	$ -	$ -	$ 90	$ 390	$ -	$ -	$ 120	$ -	$ 270	$ 150	$ 210	$ 60	$ -
SUBTOTAL	**$ 111**	**$ 20**	**$ 138**	**$ 1,558**	**$ 172**	**$ 3,155**	**$ 1,101**	**$ 548**	**$ 304**	**$ 367**	**$ 2,471**	**$ 497**	**$ 210**	**$ 162**	**$ 20**
Incidental Expenses															
Engineering and Admin.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL APPLIED UOB & EXPENSES	**$ 111**	**$ 20**	**$ 138**	**$ 1,558**	**$ 172**	**$ 3,155**	**$ 1,101**	**$ 548**	**$ 304**	**$ 367**	**$ 2,471**	**$ 497**	**$ 210**	**$ 162**	**$ 20**
Levy Adjustments															
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Fund Contribution	$ (30)	$ (1)	$ (38)	$ (96)	$ (31)	$ (433)	$ (50)	$ (94)	$ (44)	$ (17)	$ (181)	$ (61)	$ (63)	$ (23)	$ (1)
BALANCE TO LEVY	**$ 110.52**	**$ 20.38**	**$ 138.15**	**$ 1,557.50**	**$ 171.61**	**$ 3,155.39**	**$ 1,100.52**	**$ 548.49**	**$ 303.54**	**$ 366.84**	**$ 2,471.31**	**$ 496.61**	**$ 210.21**	**$ 161.96**	**$ 20.38**
Total # of Parcels	1	1	1	58	6	159	62	33	15	13	150	15	6	4	1
Total Parcels Levied	1	1	1	58	6	159	62	33	15	13	150	15	6	4	1
Total Assessment Allowable	**$ 80.20**	**$ 19.45**	**$ 100.25**	**$ 1,461.02**	**$ 140.88**	**$ 2,722.08**	**$ 1,050.28**	**$ 454.08**	**$ 259.20**	**$ 350.09**	**$ 2,290.50**	**$ 435.82**	**$ 147.20**	**$ 139.31**	**$ 19.45**

APPENDIX A
COST TABLE
ENGINEER'S REPORT
STREET LIGHTING DISTRICT NO. 1, FY 2022-2023

District Name	Annexation S10-N	Annexation S10-O	Annexation S10-P	Annexation S10-Q	Annexation S10-R	Annexation S10-S	Annexation S10-T	Annexation S10-U	Annexation S10-V	Annexation S10-W	TOTALS
Description	CUP 35R	CUP 355 REV. 8	CUP 543	MS 234 (PM 15414)	MS 251 (PM 15414)	Tract 14790-2	Tract 14790-3	Tract 15532	CUP 652	MS 240	
Original Parcels	APN 173-251-21	APN 172-121-10, 11, 14	APN 171-431-02 Subsequently, 02 was changed to 05	APN 169-272-29, APN 169-281-45, 46	APN 176-014-16 & 17	APN 294-181-02 THRU 15, APN 294-191-01 THRU 4, 6 THRU 12, 16 THRU 20, APN 294-201-09, 11, 13, 15, 19, 21, 27, 28, APN 294-211-02 THRU 04, 06 THRU 10, 12, 13	APN 294-222-01 THRU 12, APN 294-232-01 THRU 07, APN 294-242-01 THRU 06, APN 294-252-01 THRU 13, APN 294-262-01 THRU 13	APN 168-271-13 THRU 48	APN 171-011-54	APN 292-201-22	
Zone	3	3	3	1 & 2	3	1 & 3	1 & 3	1, 3 & 4	1	1	
Unit of Benefit/Zone											
Zone 1 UOB	0	0	0	6	0	80	70	18	1	0	**749**
Zone 2 UOB	0	0	0	6	0	0	0	0	0	0	**131**
Zone 3 UOB	3	4	6	0	3	41	24	3	0	0	**291**
Zone 4 UOB	0	0	0	0	0	0	0	5	0	0	**158**
TOTAL UOB per Zone	3	4	6	12	3	121	94	26	1	0	**1329**
Actual Expenses											
Maintenance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Incidental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
TOTAL EXPENSES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Calculation of Current Assessments:											
Unit of Benefit Assessment/ Zone											
Zone 1	$ -	$ -	$ -	$ 122	$ -	$ 1,630	$ 1,427	$ 367	$ 20	$ -	**$ 15,265**
Zone 2	$ -	$ -	$ -	$ 51	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,112**
Zone 3	$ 83	$ 111	$ 166	$ -	$ 83	$ 1,133	$ 663	$ 83	$ -	$ -	**$ 8,040.33**
Zone 4	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 150	$ -	$ -	**$ 4,745**
SUBTOTAL	**$ 83**	**$ 111**	**$ 166**	**$ 173**	**$ 83**	**$ 2,763**	**$ 2,090**	**$ 600**	**$ 20**	**$ -**	**$ 29,162**
Incidental Expenses											
Engineering and Admin.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
SUBTOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL APPLIED UOB & EXPENSES	**$ 83**	**$ 111**	**$ 166**	**$ 173**	**$ 83**	**$ 2,763**	**$ 2,090**	**$ 600**	**$ 20**	**$ -**	**$ 29,162**
Levy Adjustments											
Fund Collection	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
General Fund Contribution	$ (23)	$ (30)	$ (45)	$ 23	$ (23)	$ (385)	$ (247)	$ (84)	$ (1)	$ -	**$ (3,697)**
BALANCE TO LEVY	**$ 82.89**	**$ 110.52**	**$ 165.78**	**$ 173.22**	**$ 82.89**	**$ 2,763.23**	**$ 2,089.72**	**$ 599.88**	**$ 20.38**	**$ -**	**$ 29,161.88**
Total # of Parcels	1	3	1	3	2	48	51	36	1	1	**993**
Total Parcels Levied	1	3	1	3	2	48	51	36	1	0	**990**
Total Assessment Allowable	**$ 60.15**	**$ 80.19**	**$ 120.30**	**$ 196.44**	**$ 60.16**	**$ 2,377.92**	**$ 1,842.63**	**$ 515.52**	**$ 19.45**	**$ -**	**$ 25,465.25**

APPENDIX B

DISTRICT DIAGRAM

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CITY OF REDLANDS
STREET LIGHT DISTRICT NO. 1

APPENDIX B - ASSESSMENT DIAGRAMS

Abbreviations

APN – Assessor's Parcel Number

CRA – Commission Review and Approval

CUP – Conditional Use Permit

MS – Minor Subdivision

PM – Parcel Map

TM – Tract Map

General comments

Each annexation has its own diagram.

North is up unless notated otherwise.

The assessor's parcel numbers are shown as a 9 digit number.

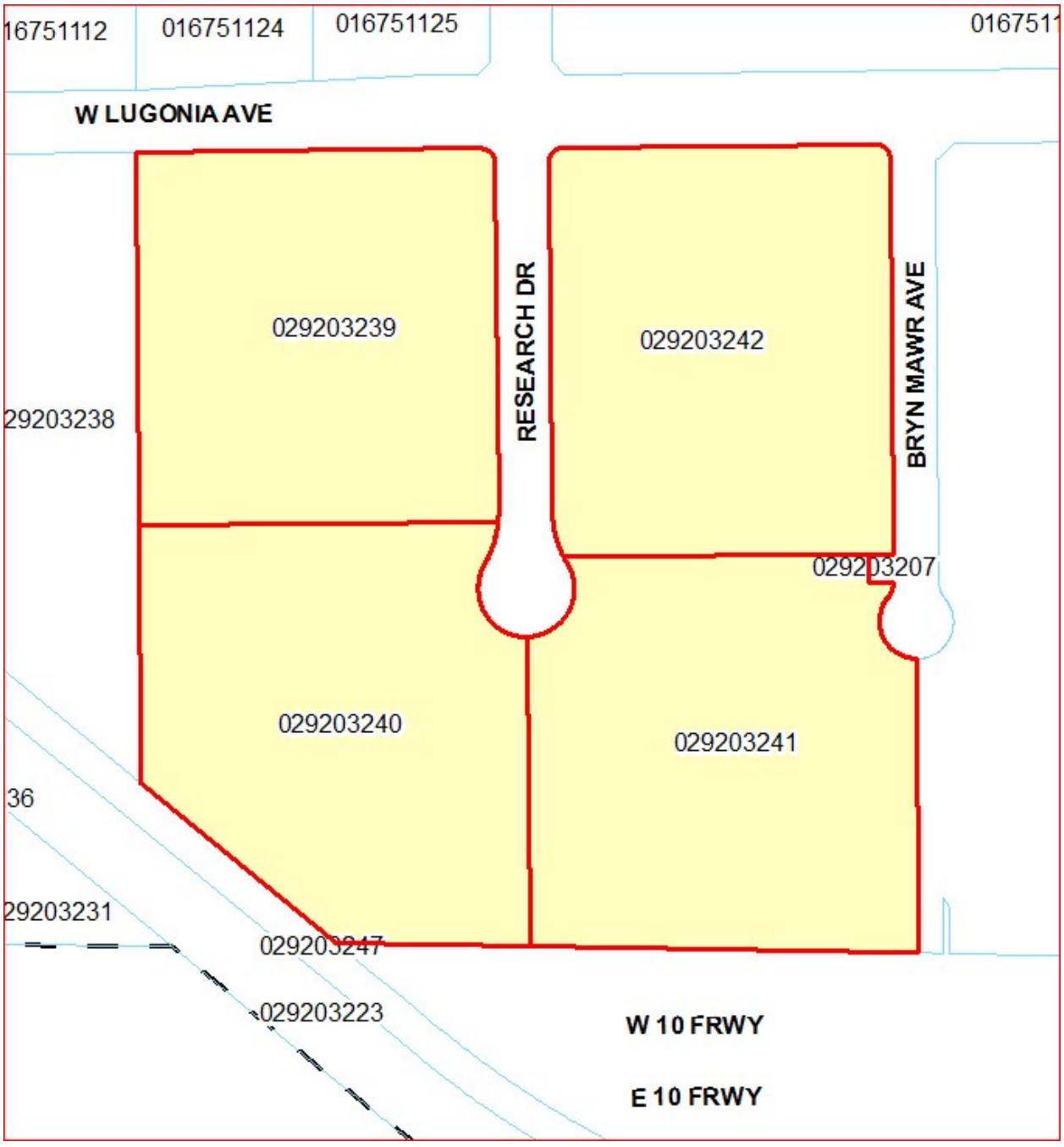
A dark red line delineates the boundary of each annexation.

A shaded background is typically used to indicate parcels within the Street Lighting District.

Annexation #s

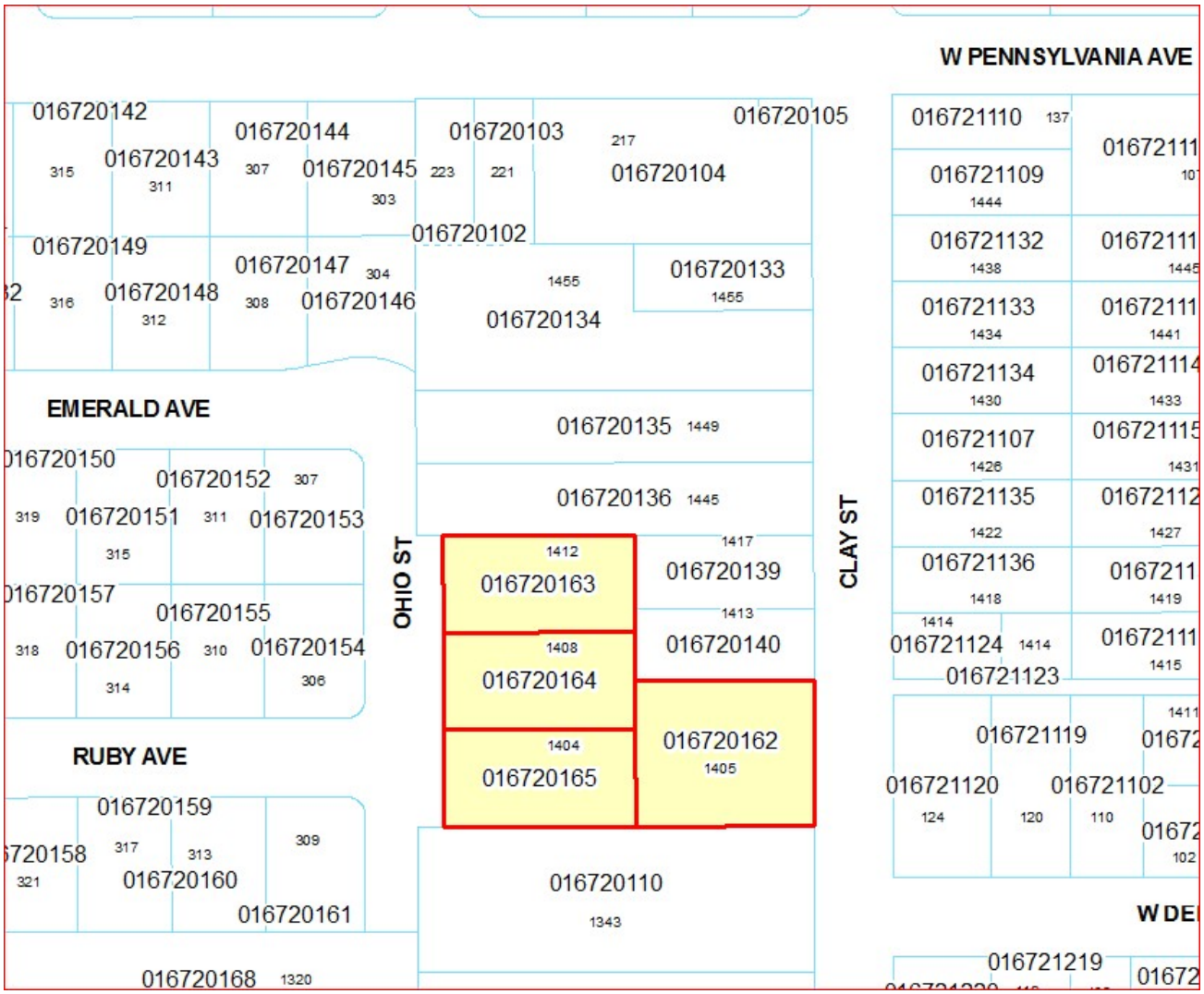
Initial District
S1-A thru S1-Y
S2-A thru S2-H
S3-A thru S3-I
S4-A thru S4-I
S5-A thru S5-E
S6-A thru S6-B
S7-A thru S7-H
S8-A thru S8-C
S9-A thru S9-F
S10-A thru S10-W

Initial District



Parcel Map No. 11917

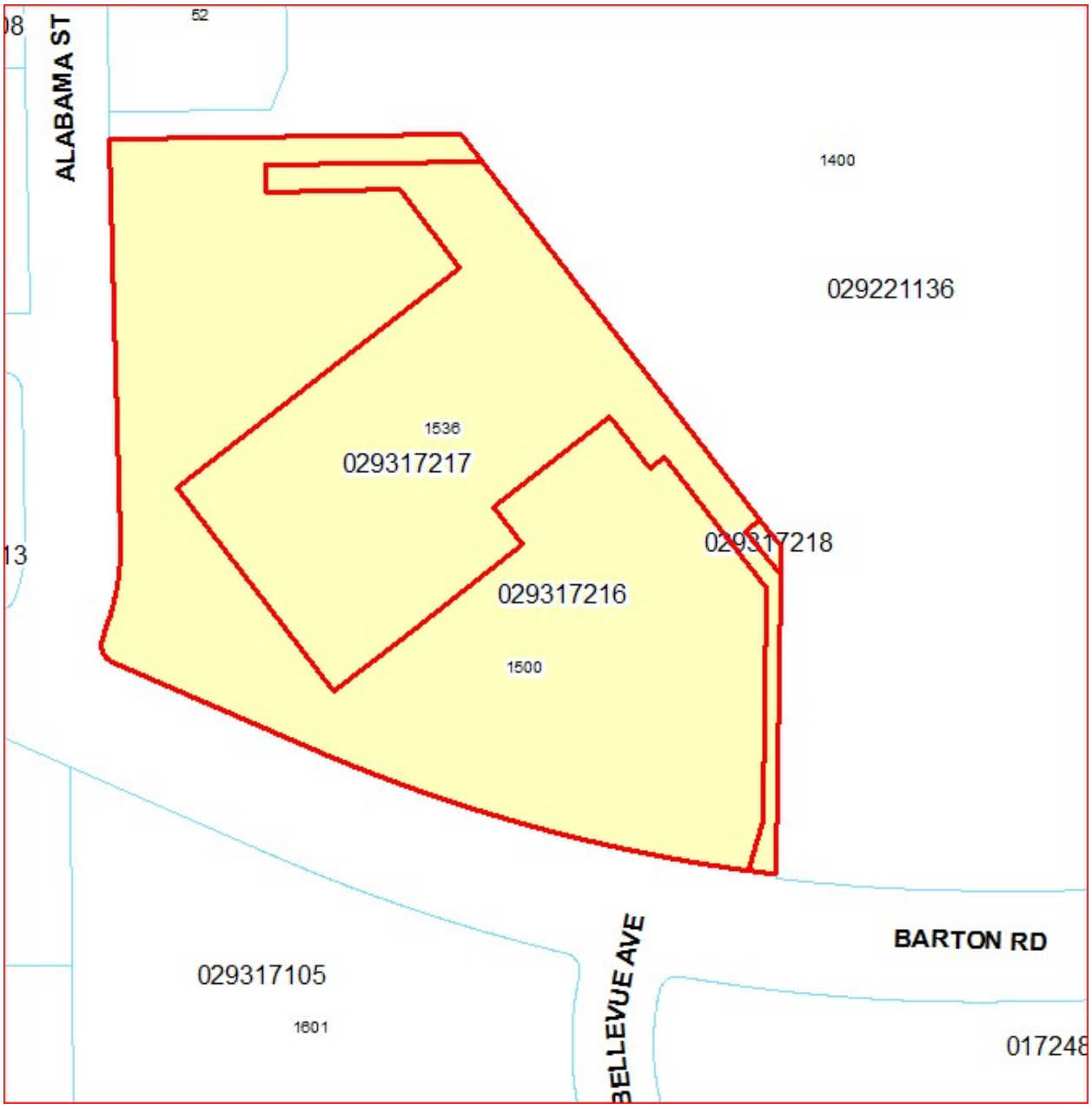
Annexation S1-A



Parcel Map No. 12450

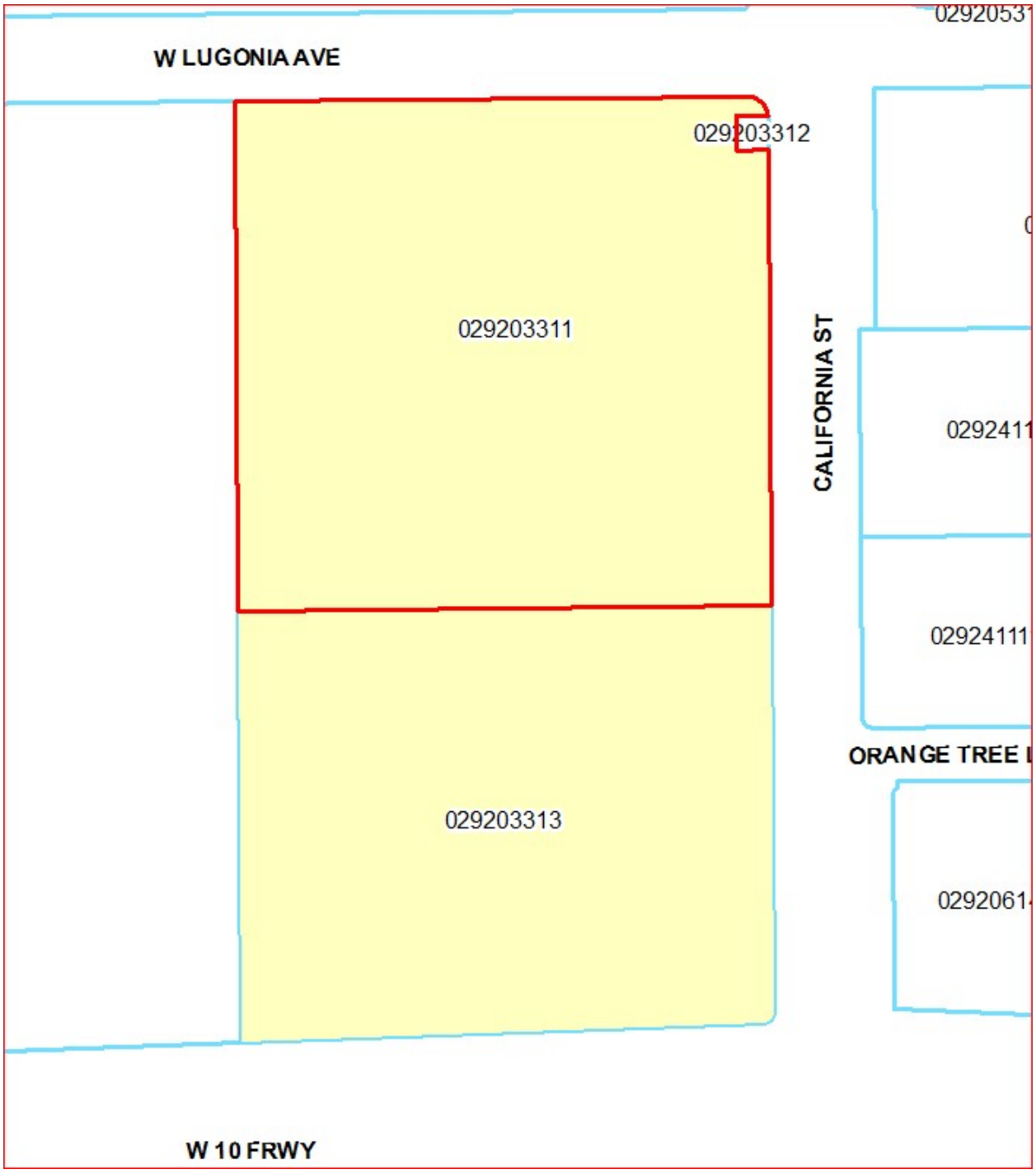
These parcels are not assessed.

Annexation S1-B



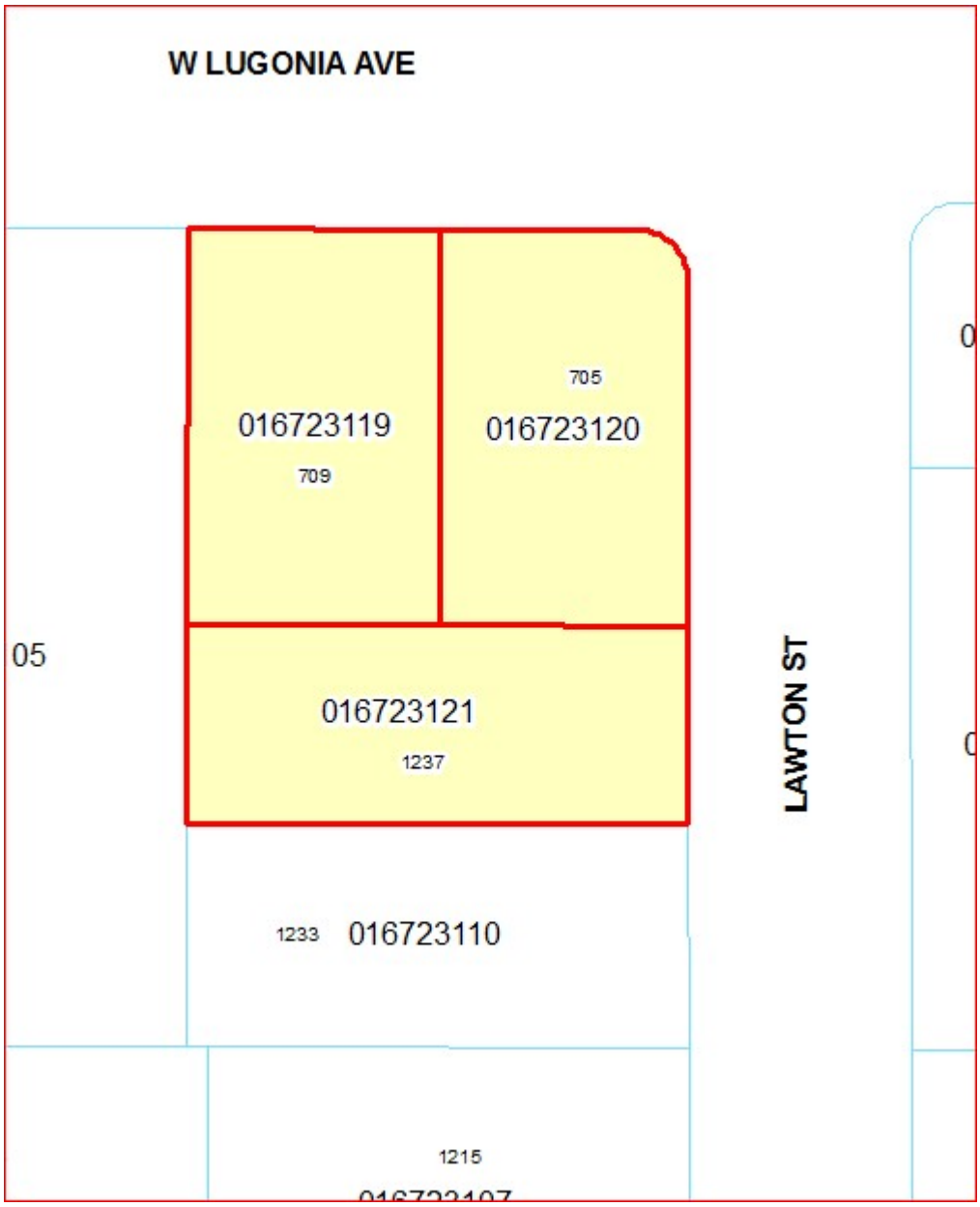
Parcel Map No. 11755

Annexation S1-C



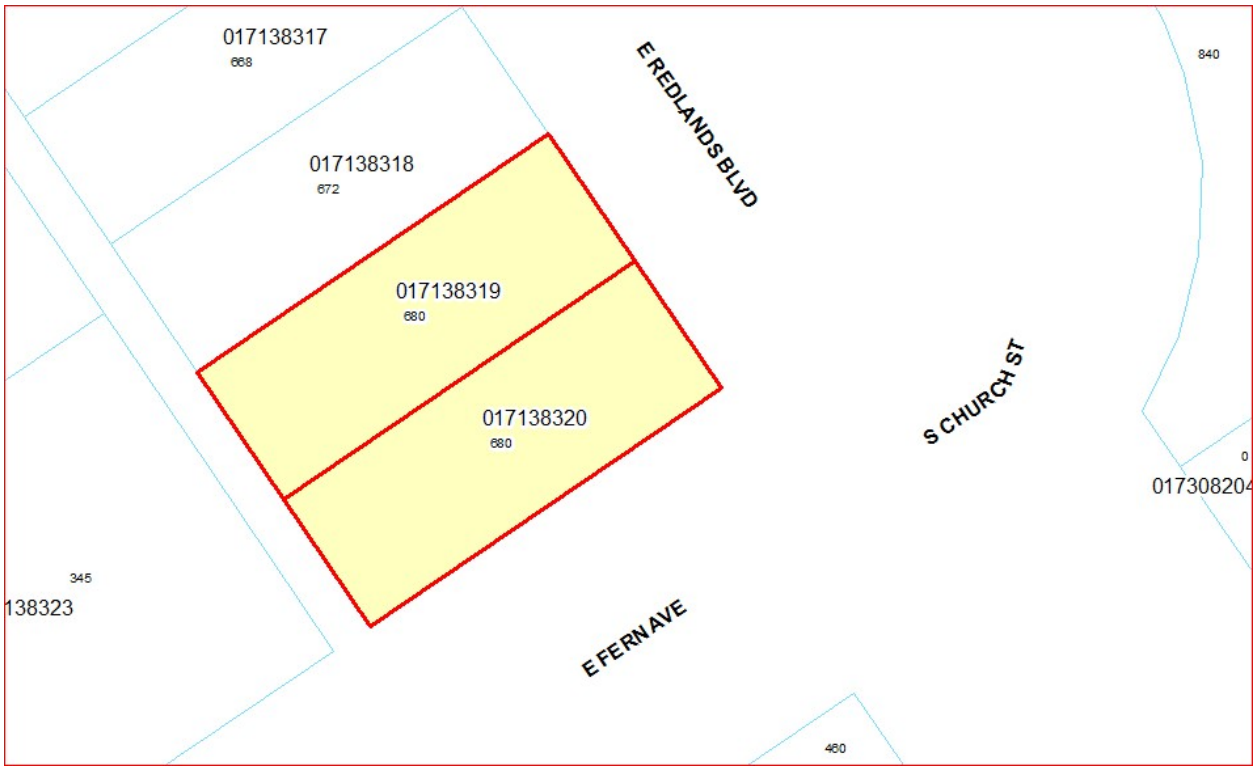
CUP 617

Annexation S1-D



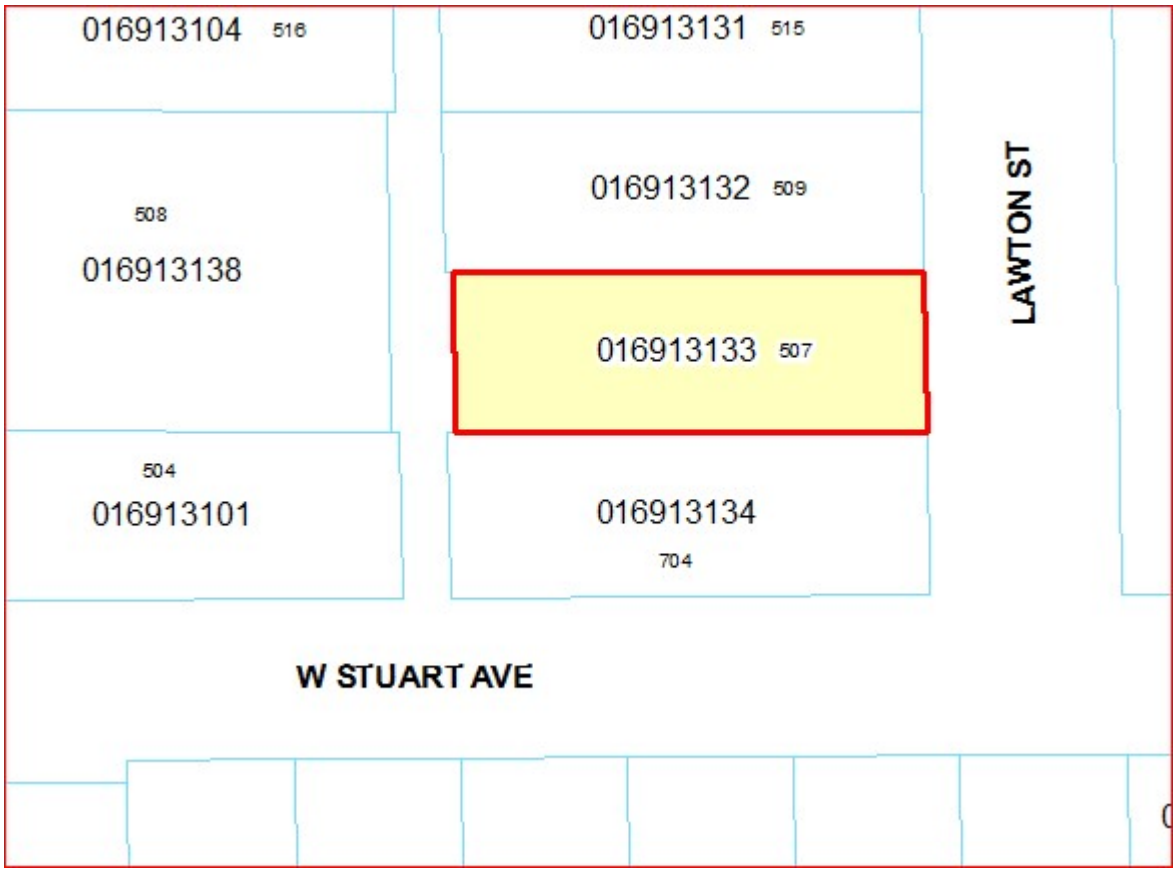
MS 184, Parcel Map No. 12300

Annexation S1-E



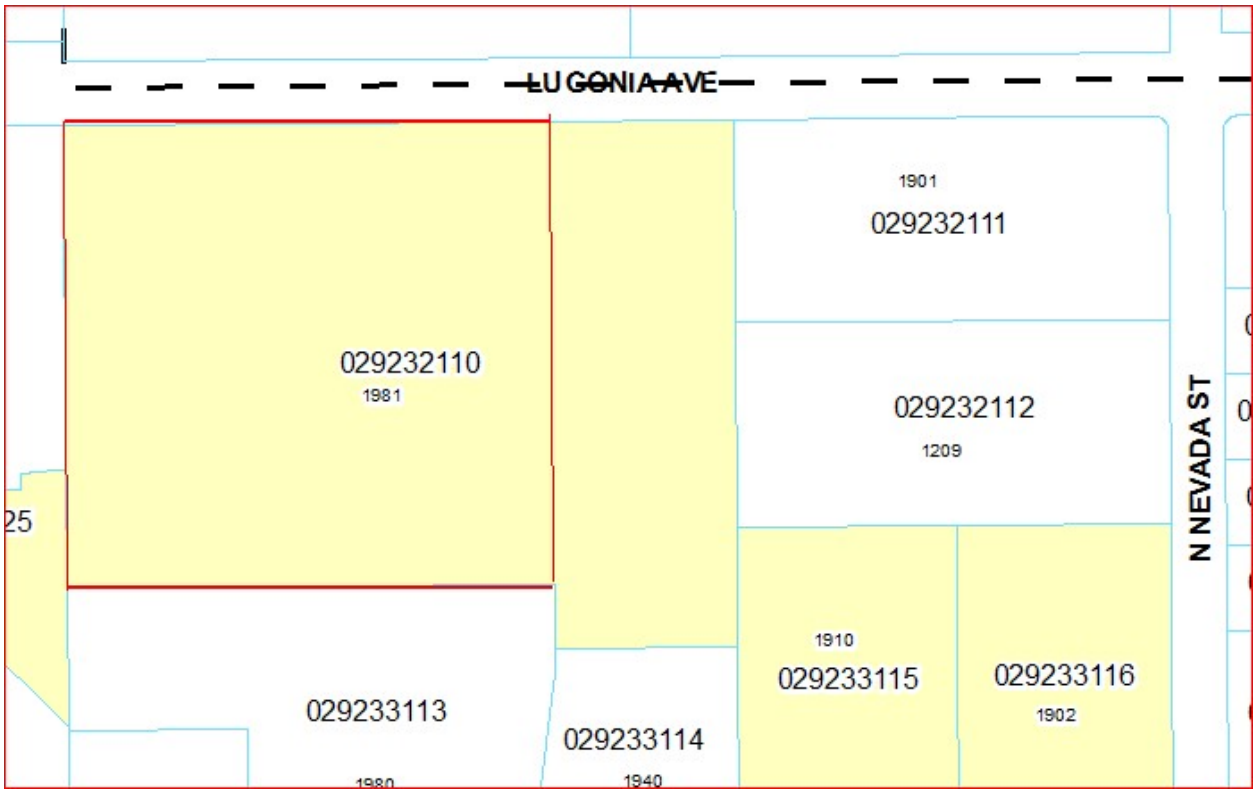
CUP 382

Annexation S1-F



CRA 606

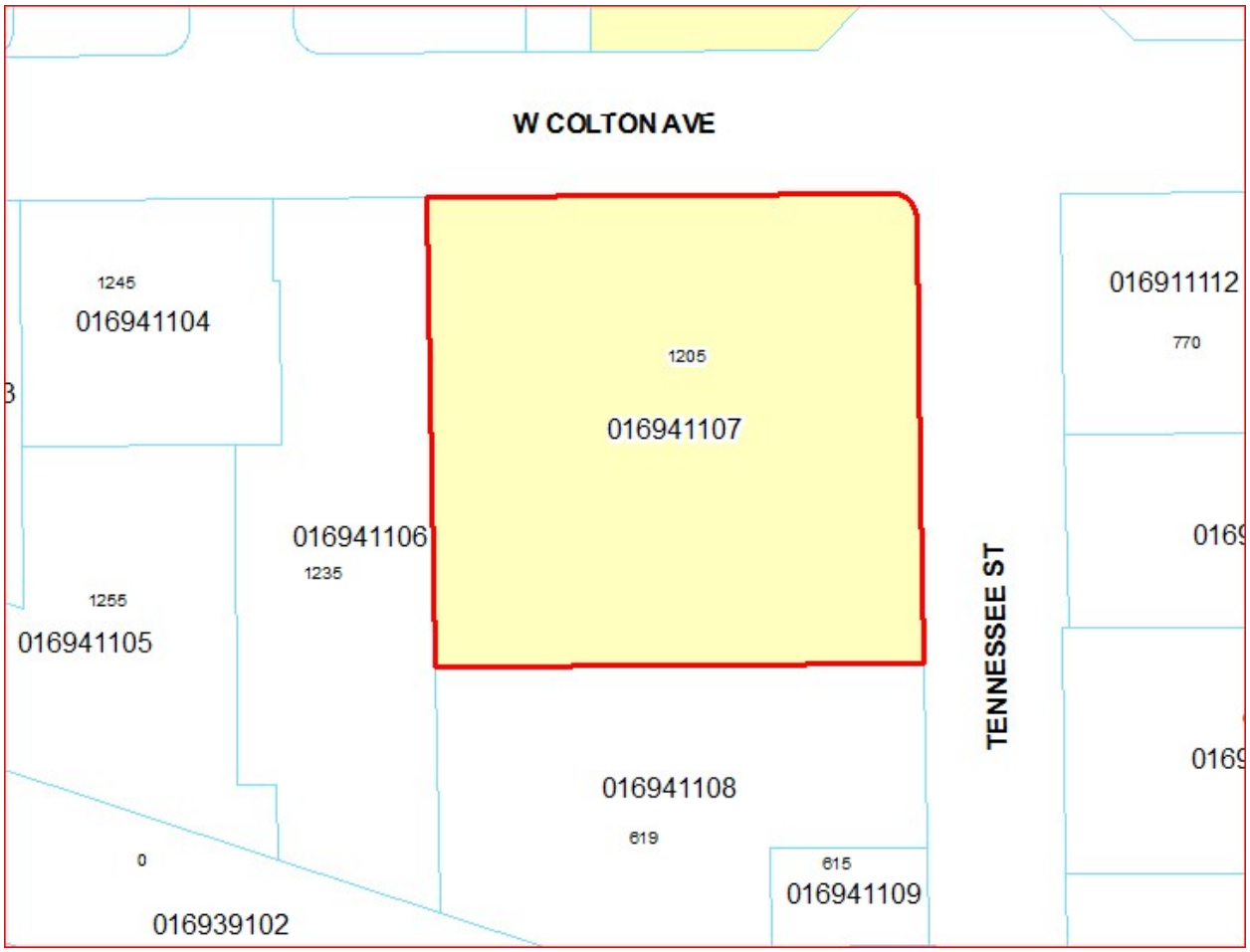
Annexation S1-G



CRA 486

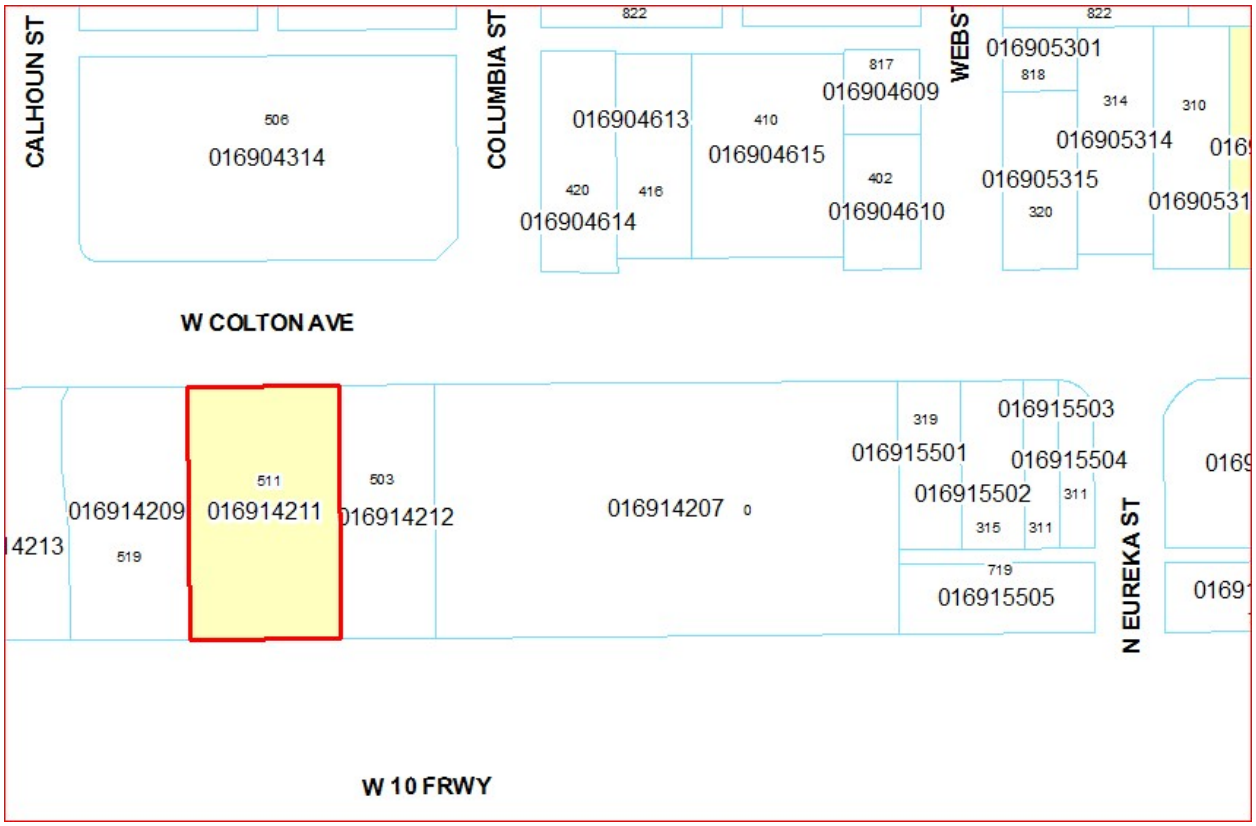
Note: The boundary shown in red was the original parcel for Annexation S1-G. The lot boundary was modified so the entire parcel is shown as part of the Street Light District.

Annexation S1-H



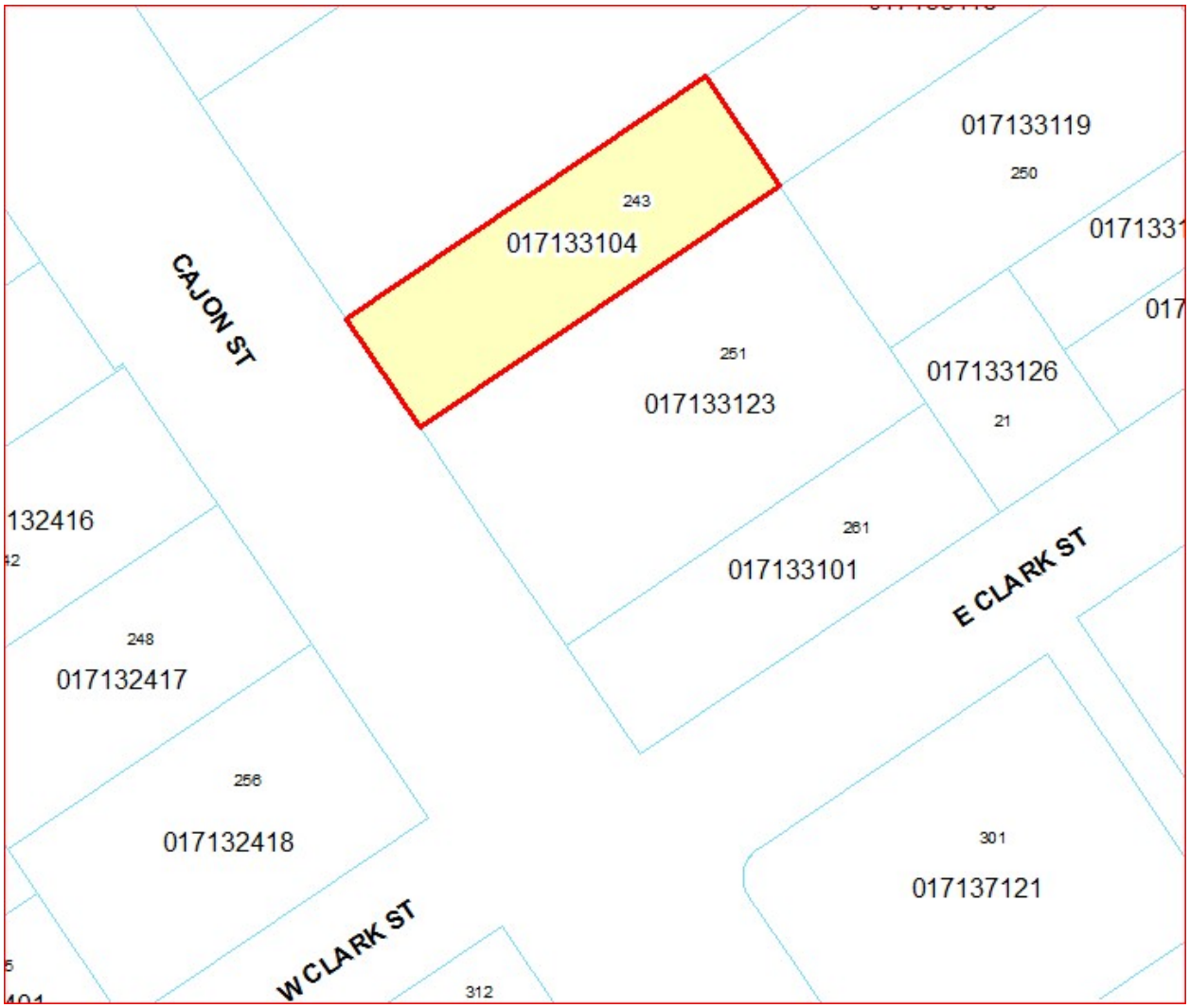
CUP 253

Annexation S1-I



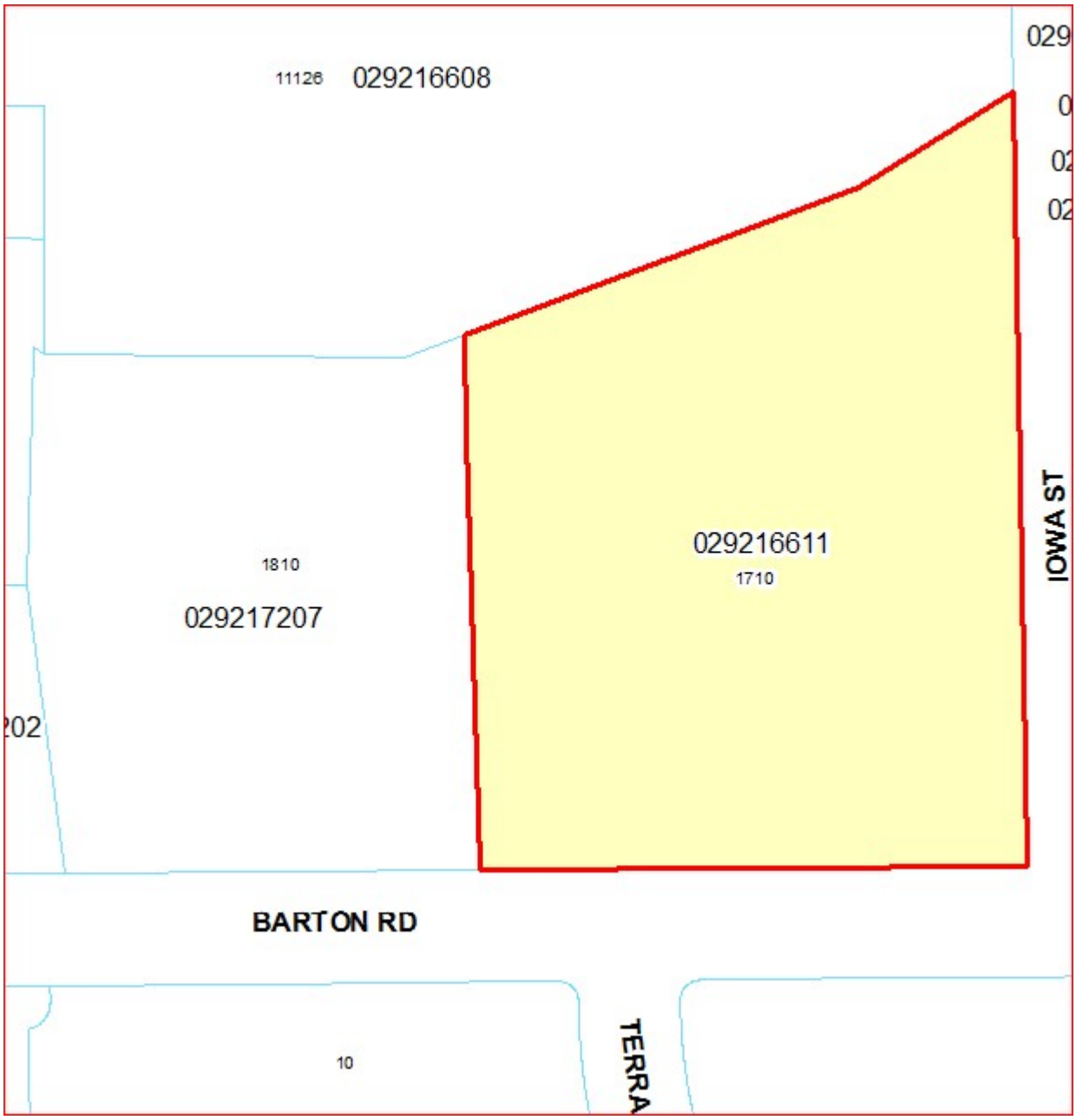
CRA 608

Annexation S1-J



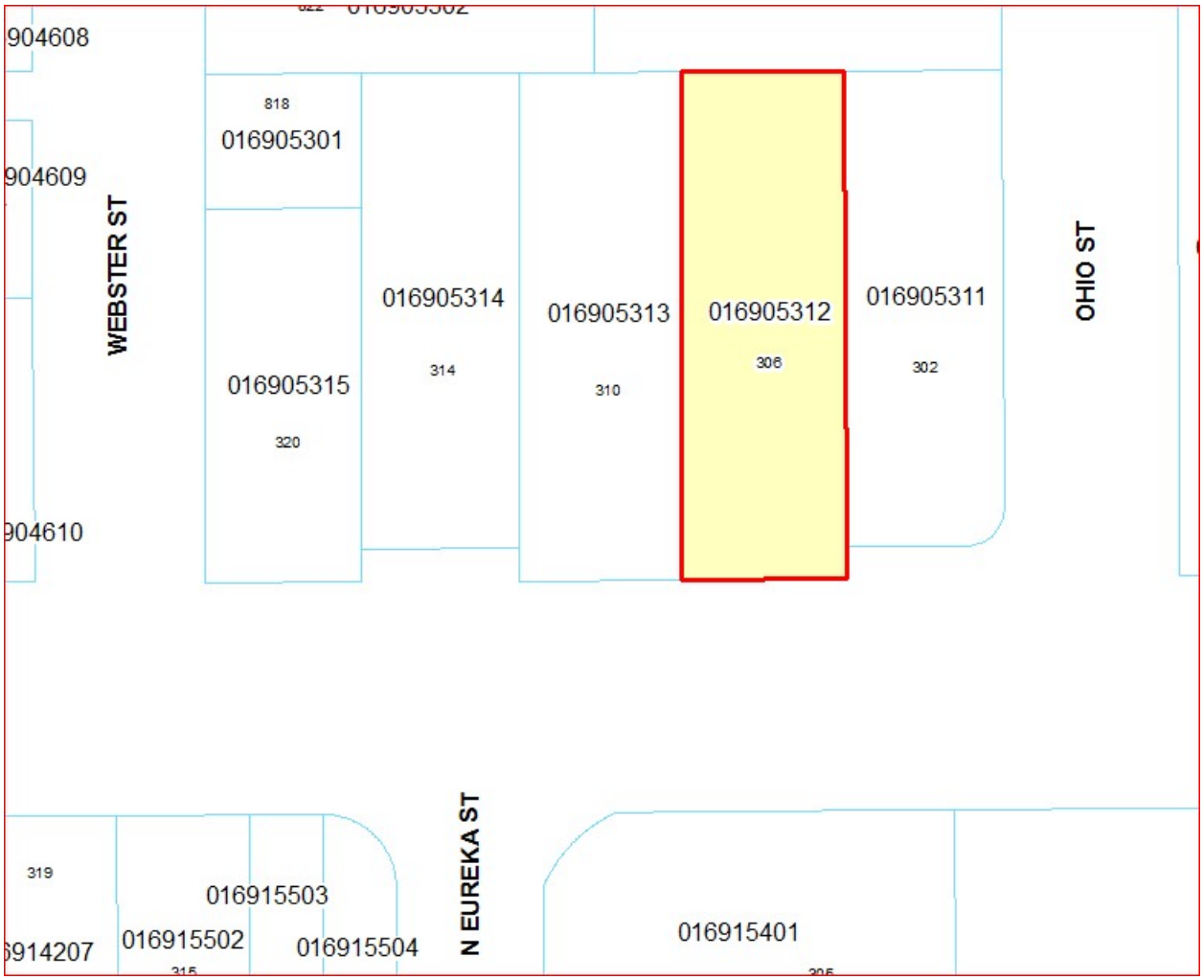
CUP 519

Annexation S1-K



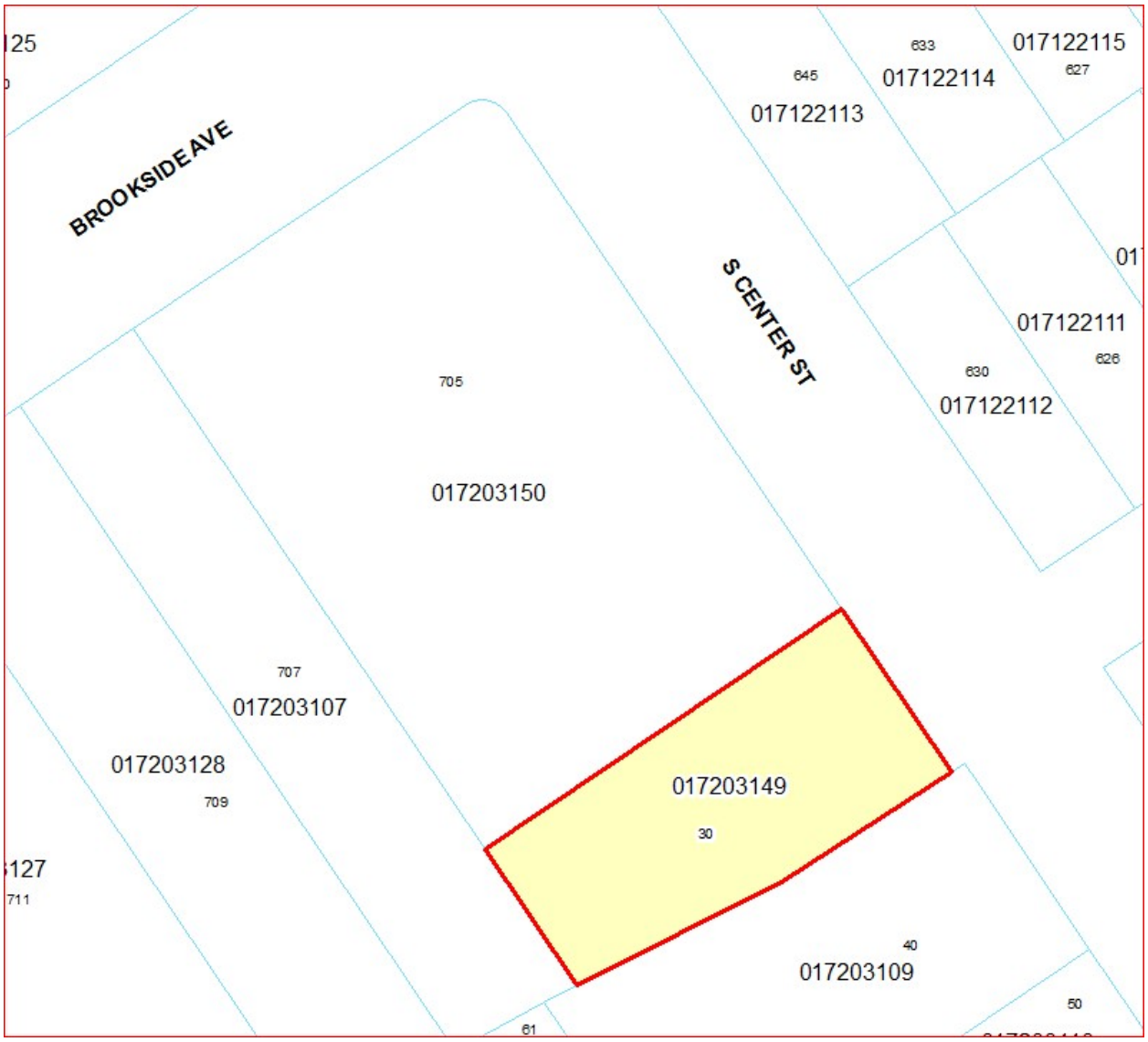
CUP 516

Annexation S1-L



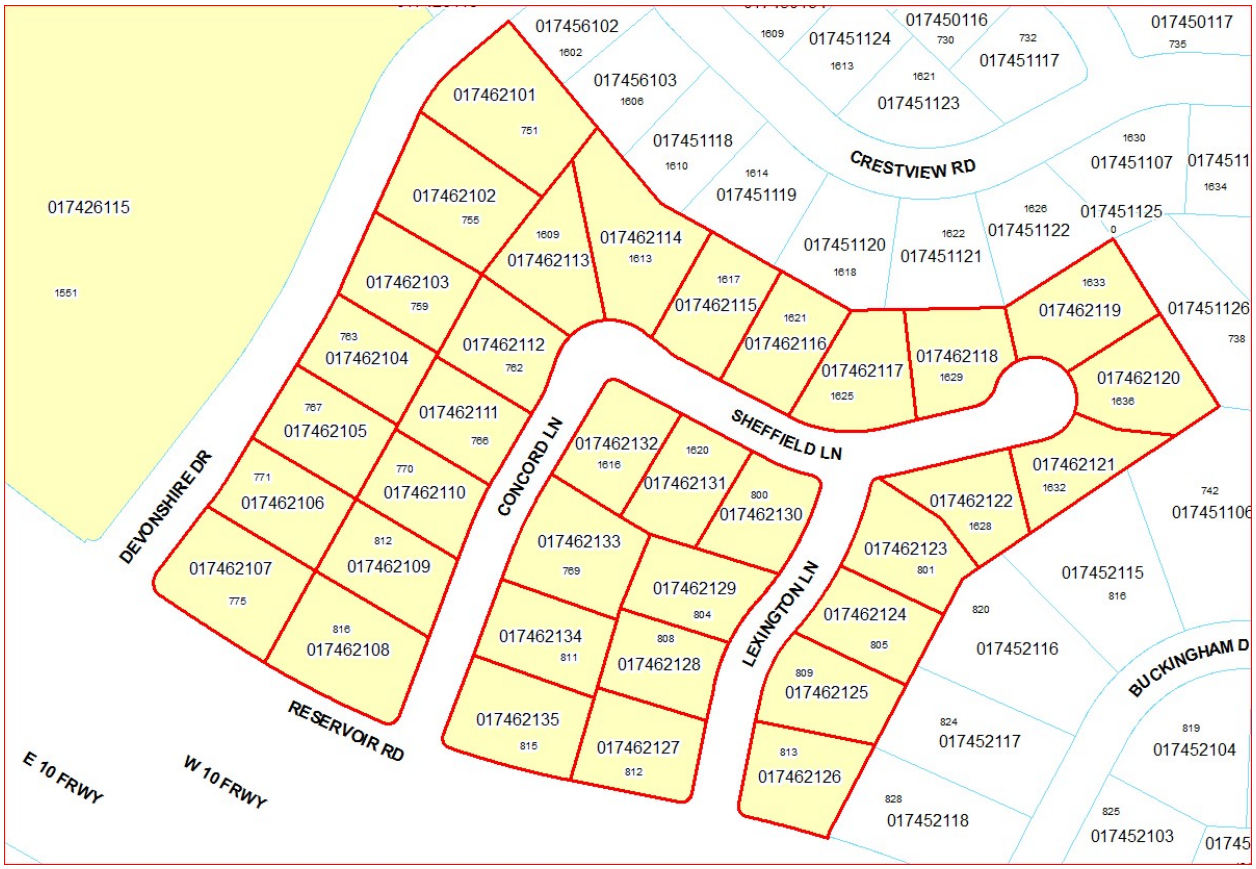
CUP 518

Annexation S1-M



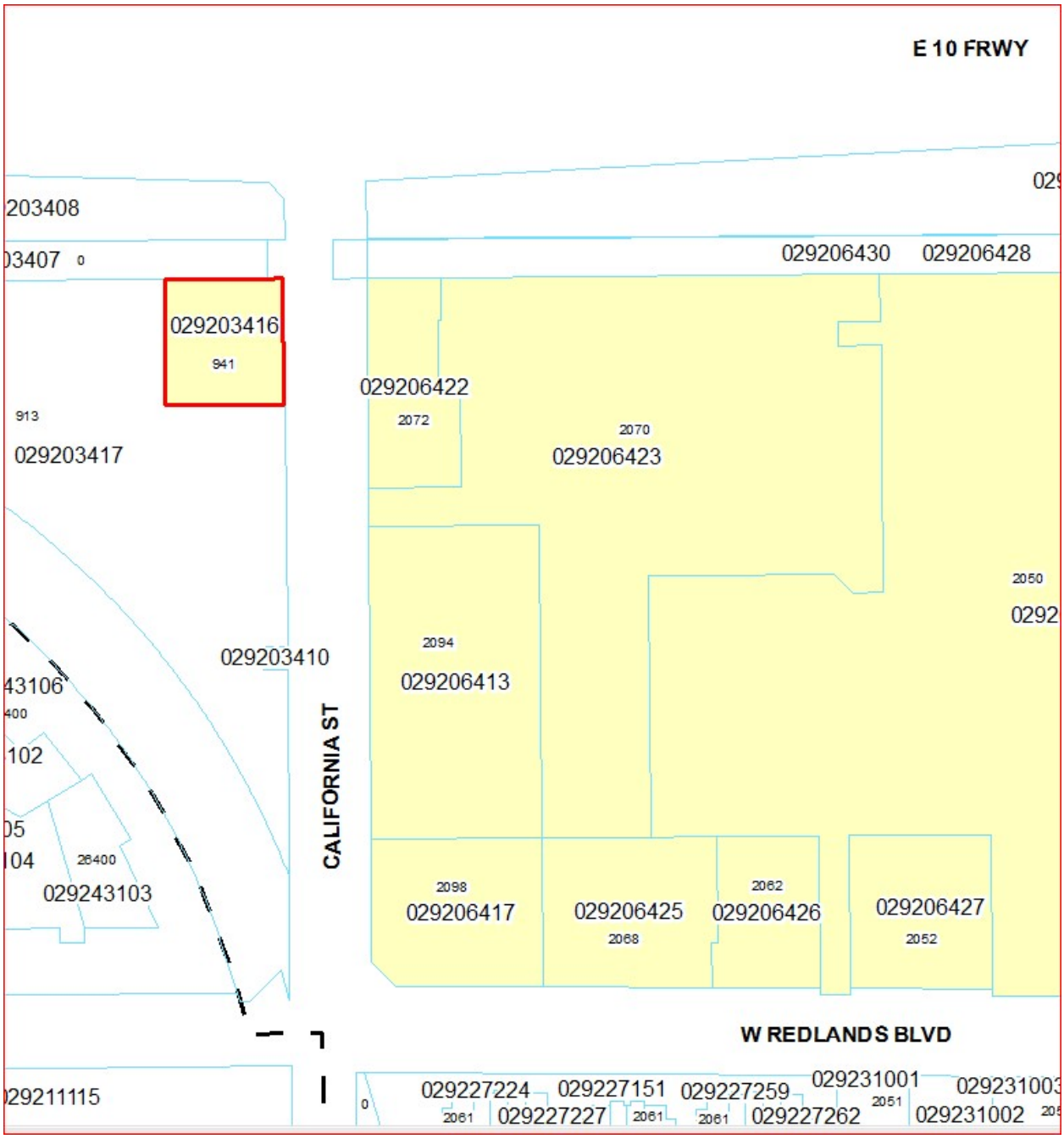
CUP 522

Annexation S1-N



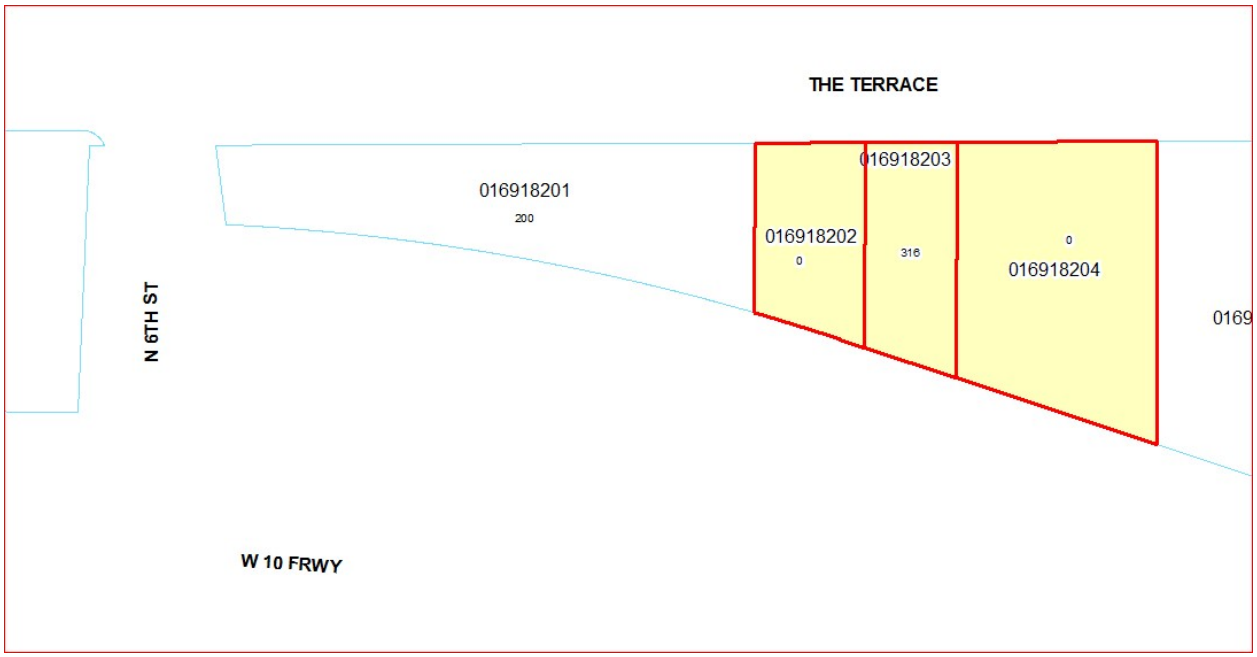
Tract 13947

Annexation S1-O



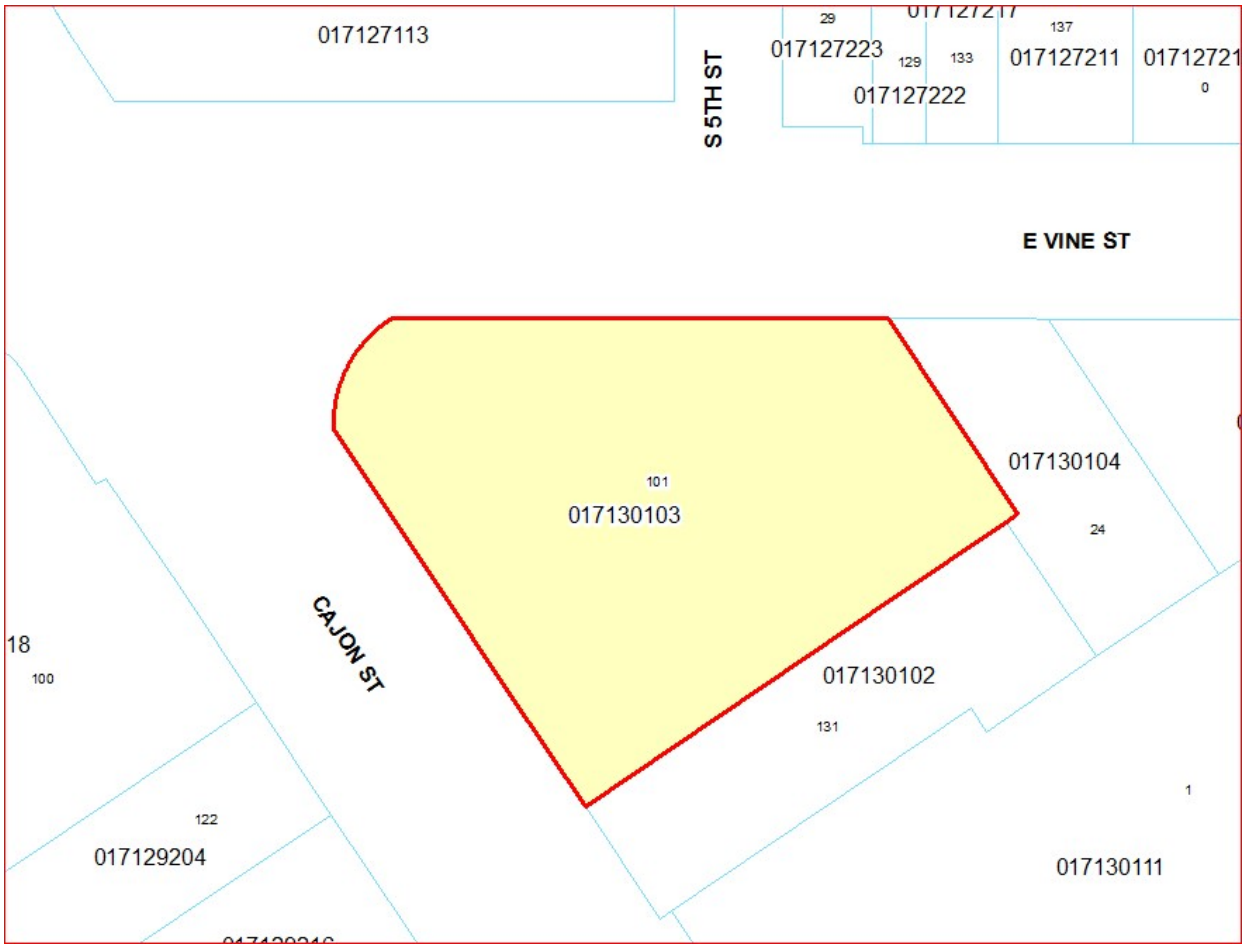
CUP 521

Annexation S1-P



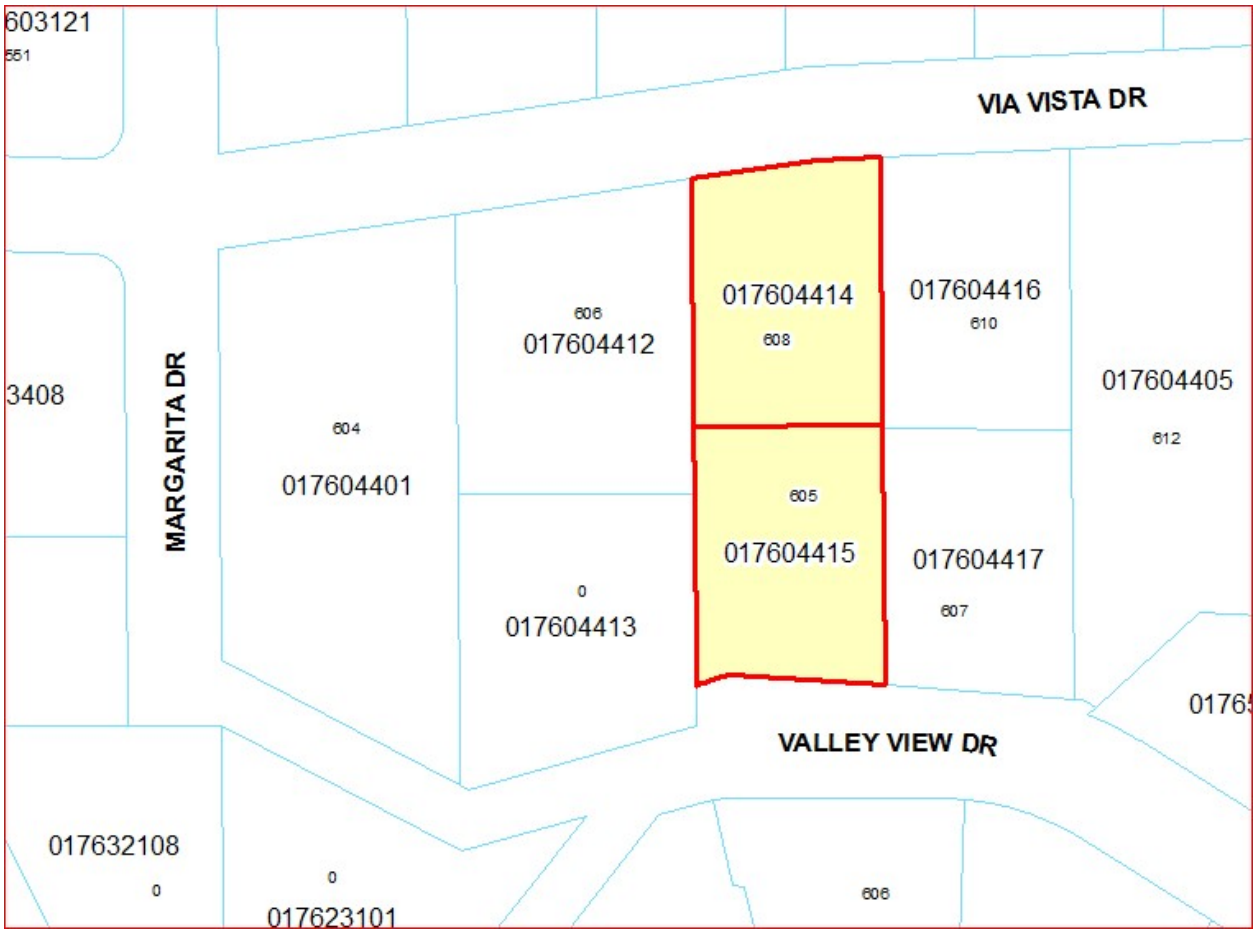
CUP 605

Annexation S1-Q



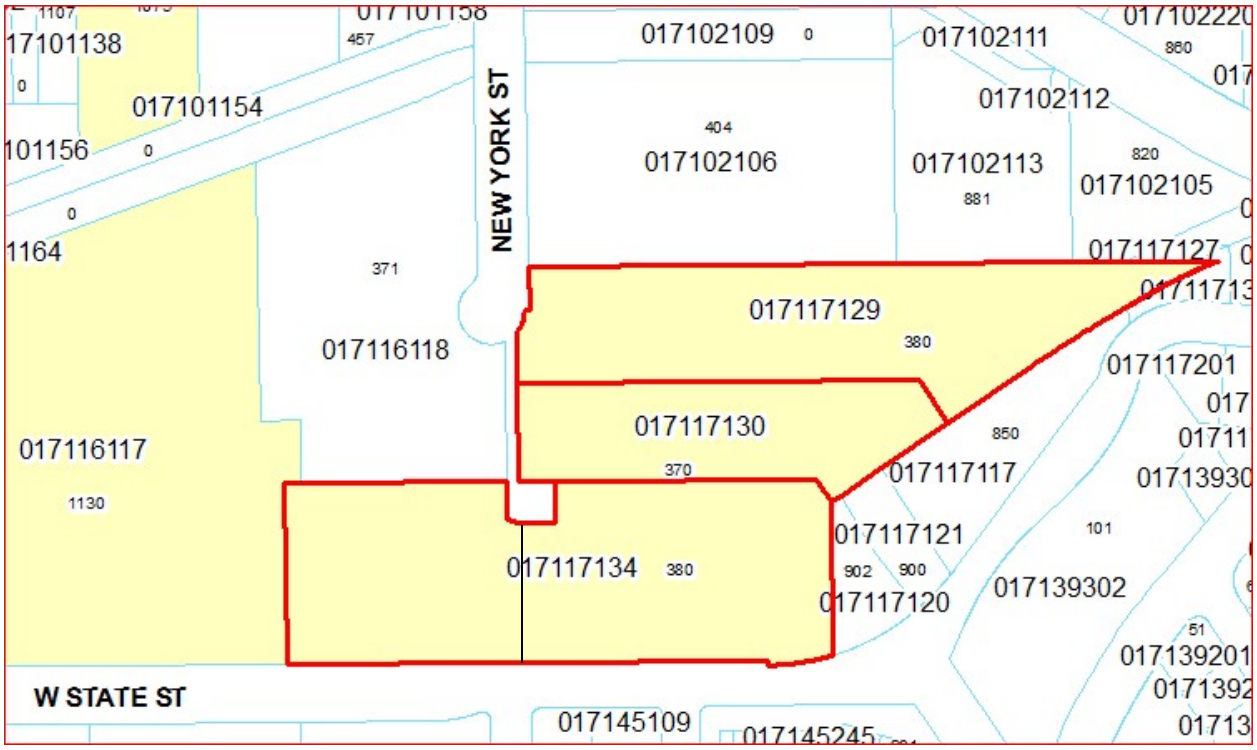
MS 183 - Parcel Map 12087, City Hall

Annexation S1-R



Parcel Map 11904

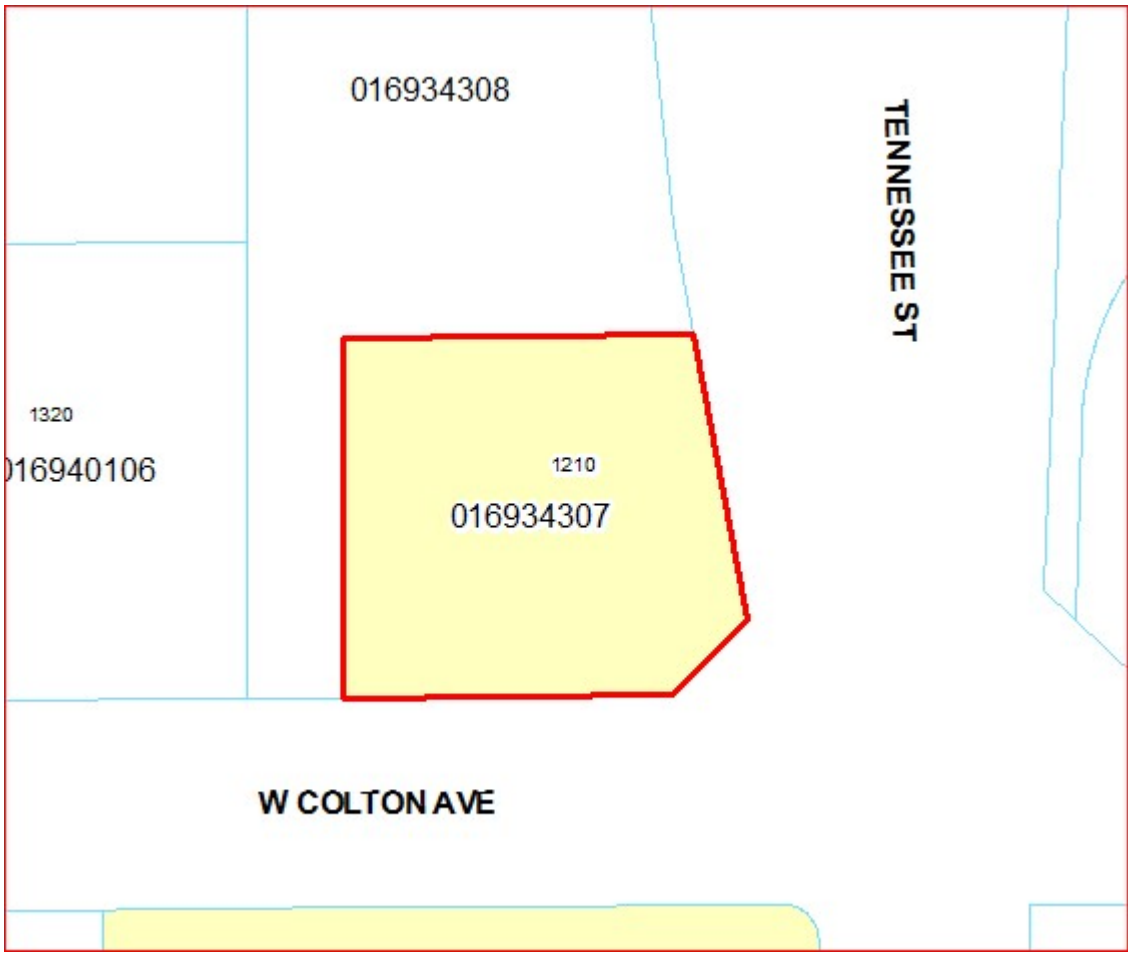
Annexation S1-S



CUP 278

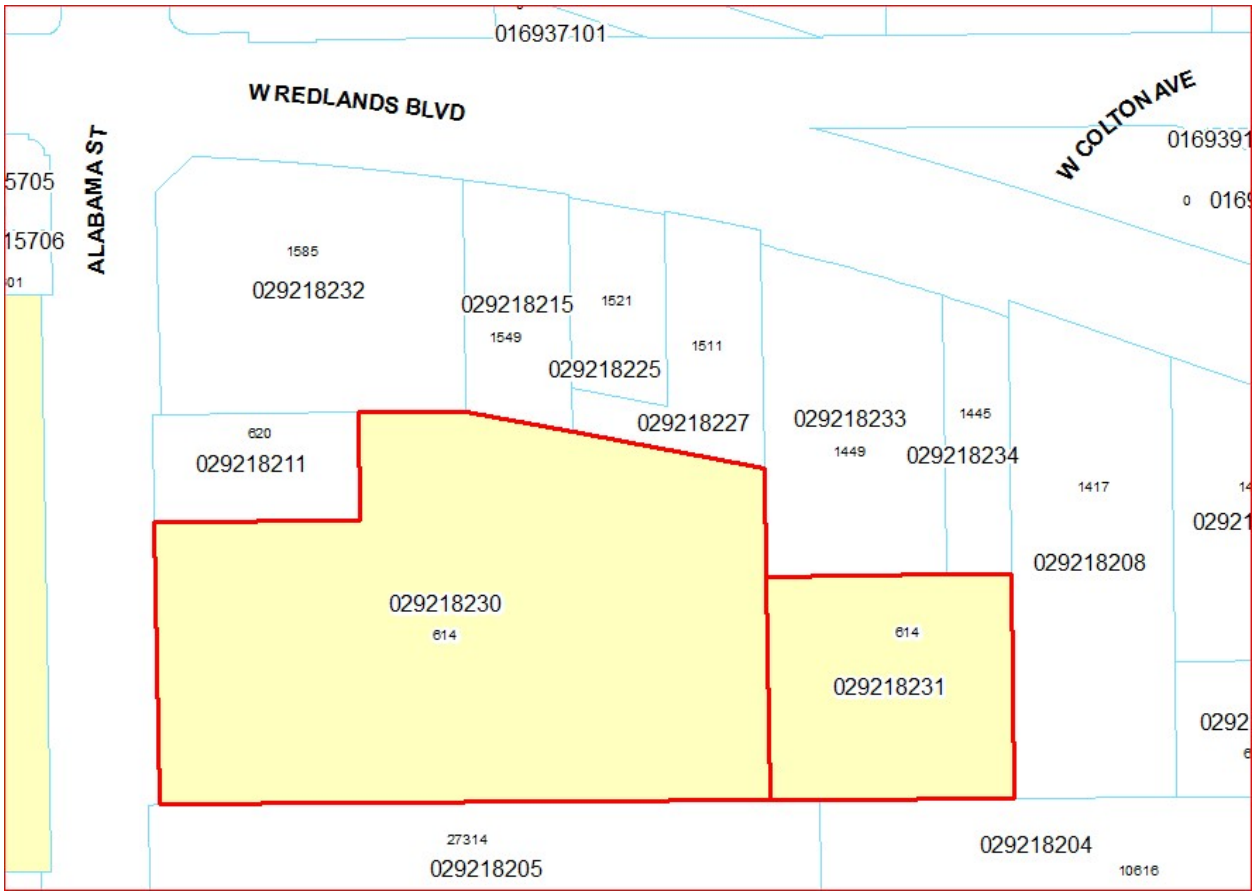
See comments for Annexation S7-A

Annexation S1-T



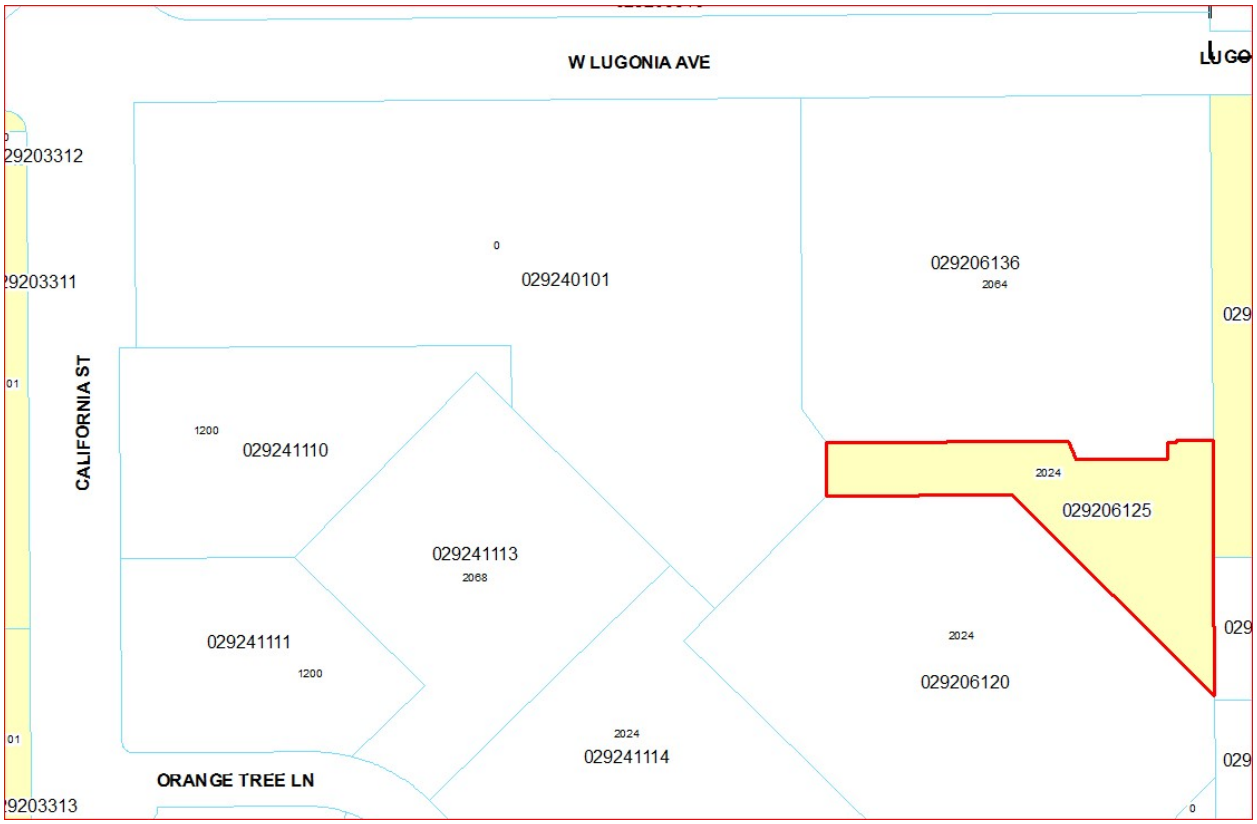
CUP 405

Annexation S1-U



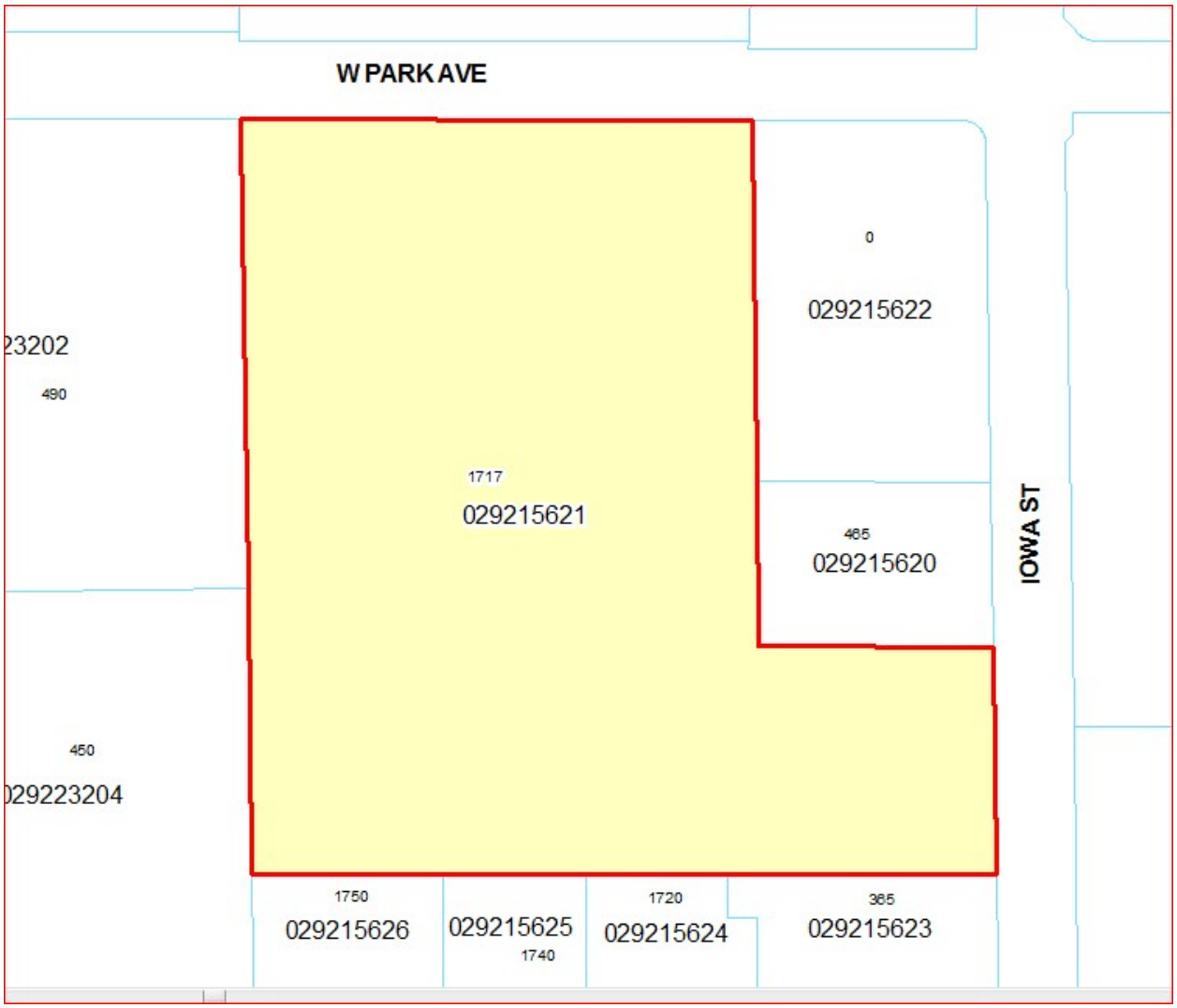
CRA 354, Parcel Map 3131

Annexation S1-V



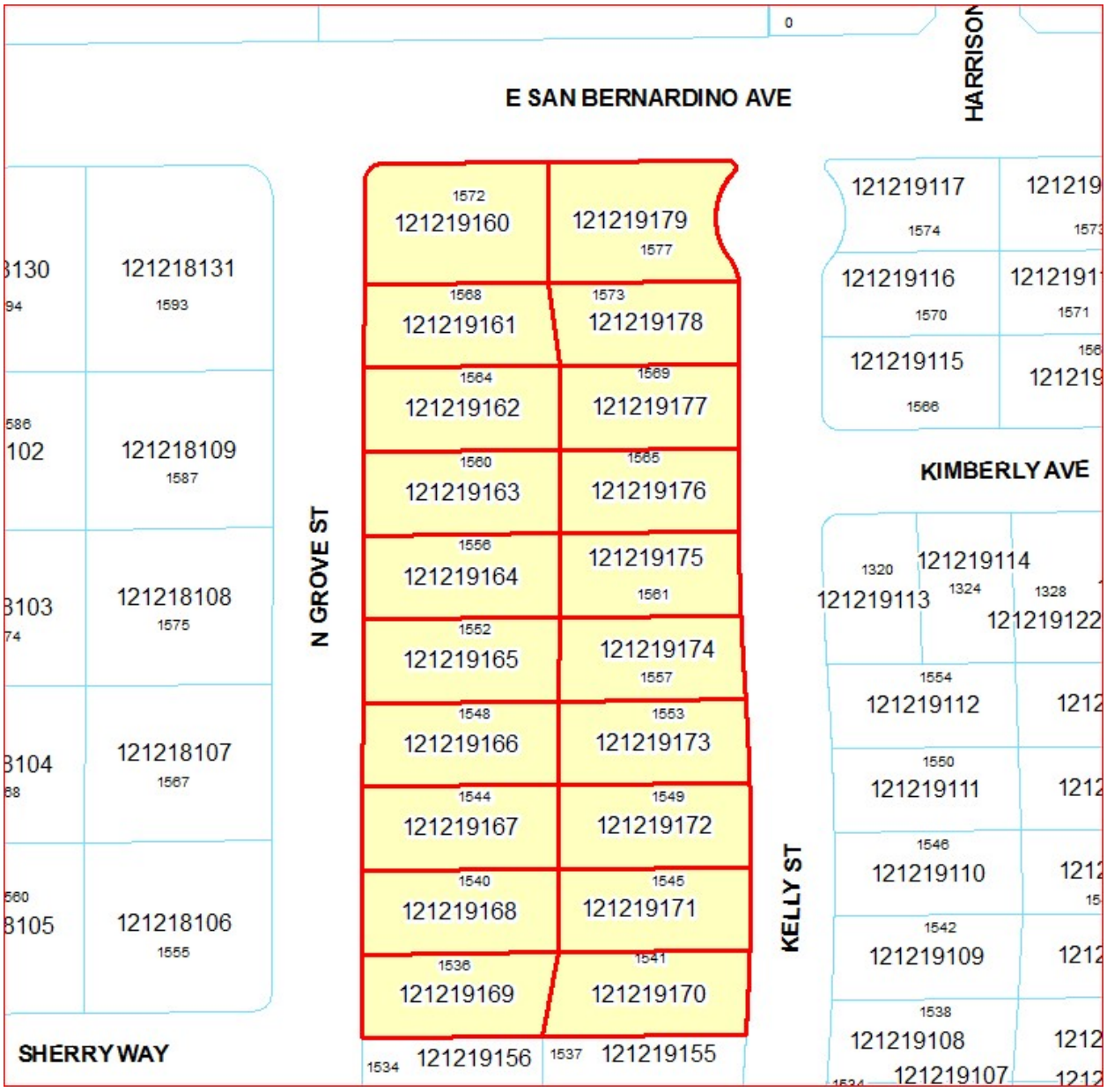
CRA 346

Annexation S1-W



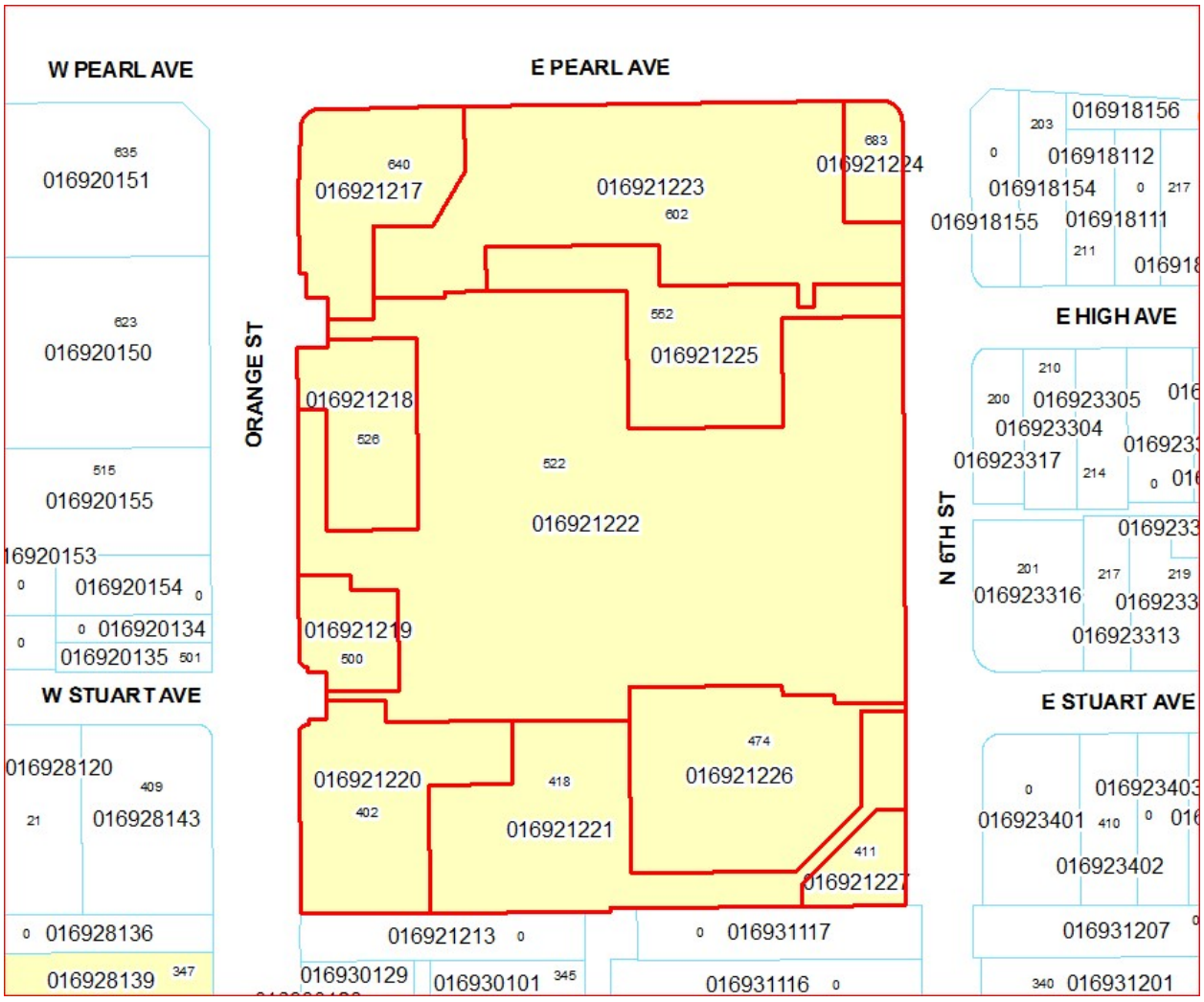
CRA 607

Annexation S1-X



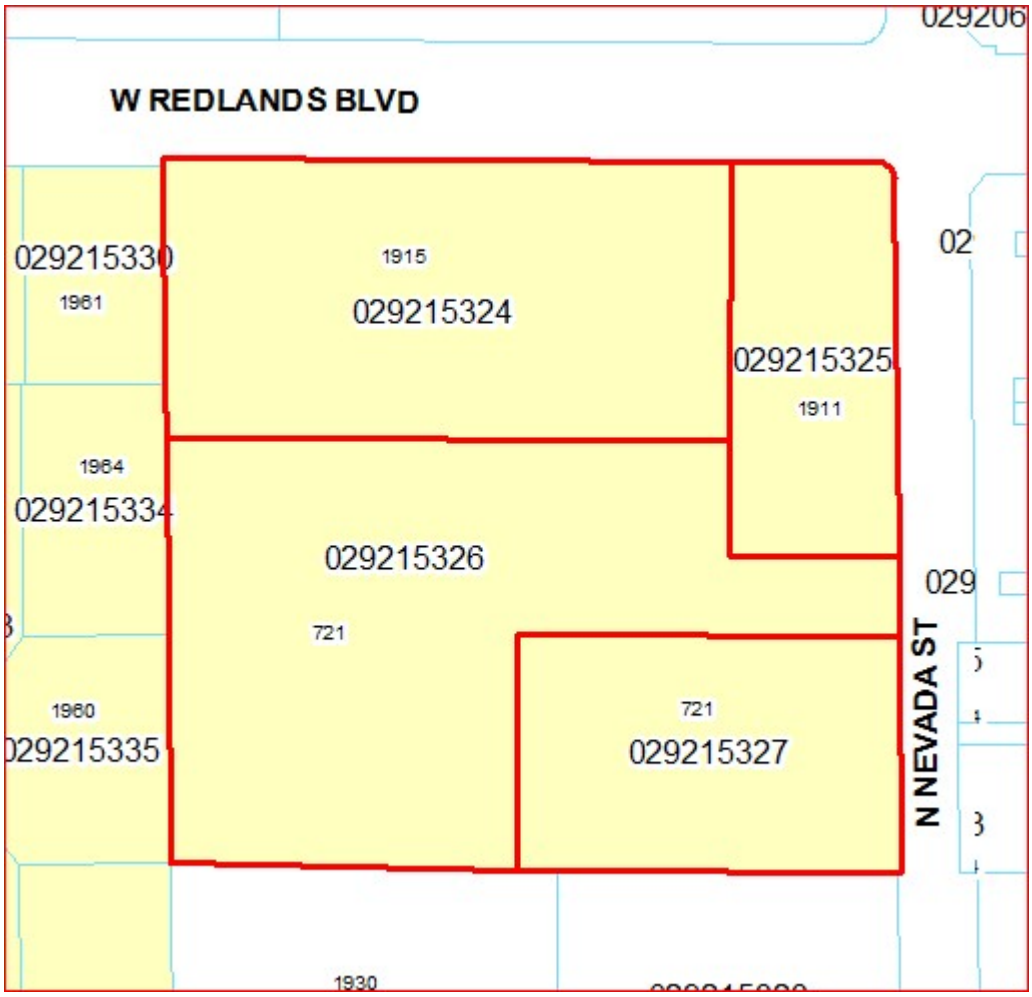
Tract 12461

Annexation S1-Y



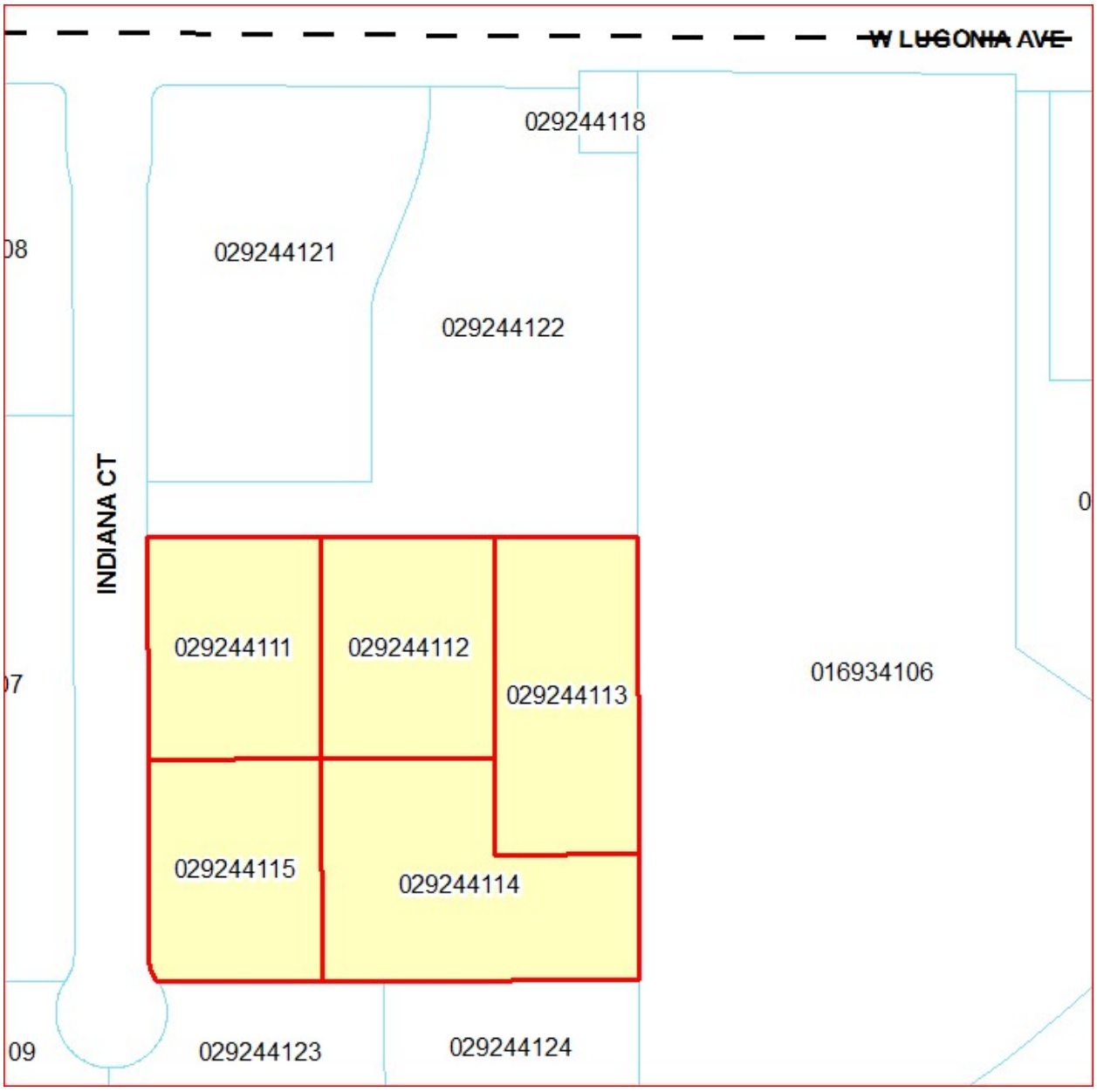
Parcel Map 12022

Annexation S2-A



Parcel Map 12330

Annexation S2-B

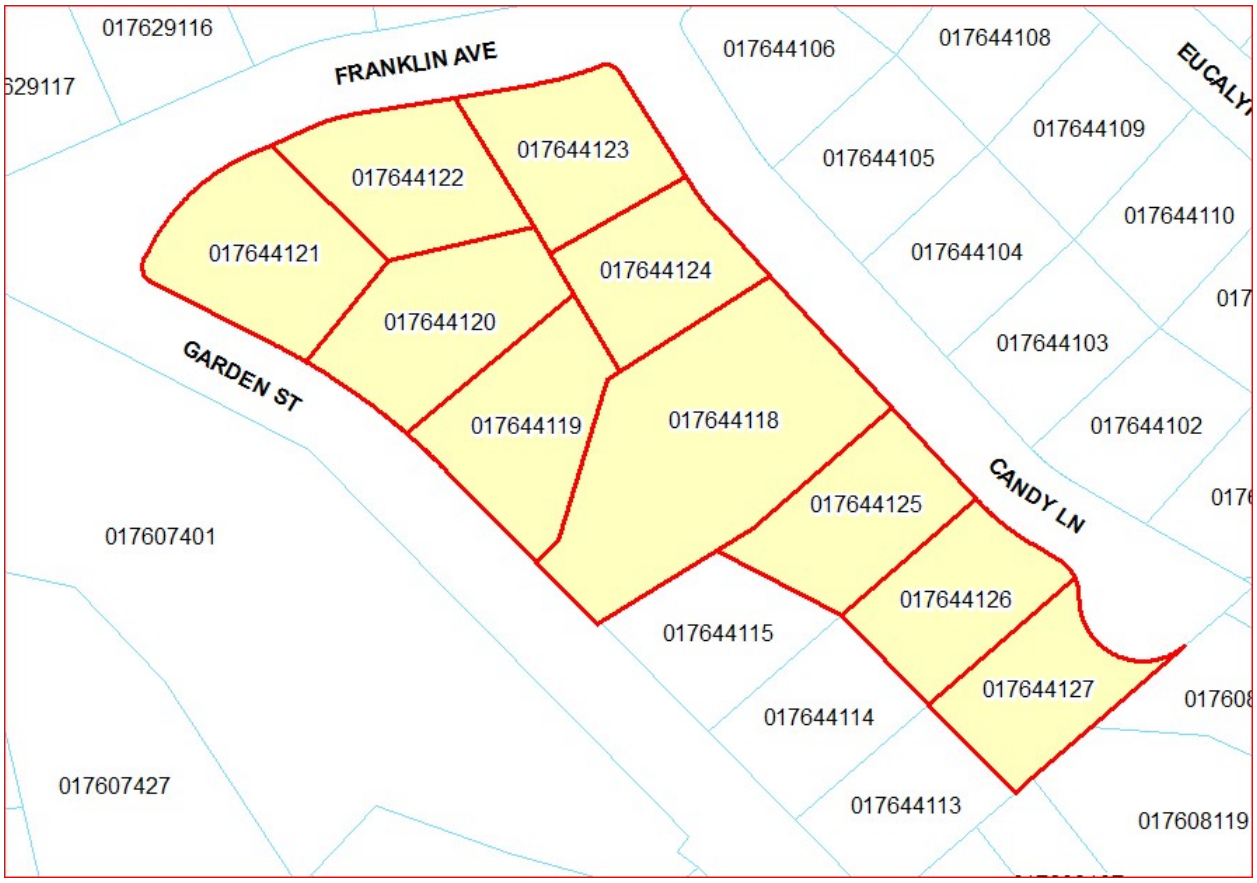


Parcel Map 12940

Annexation S2-C

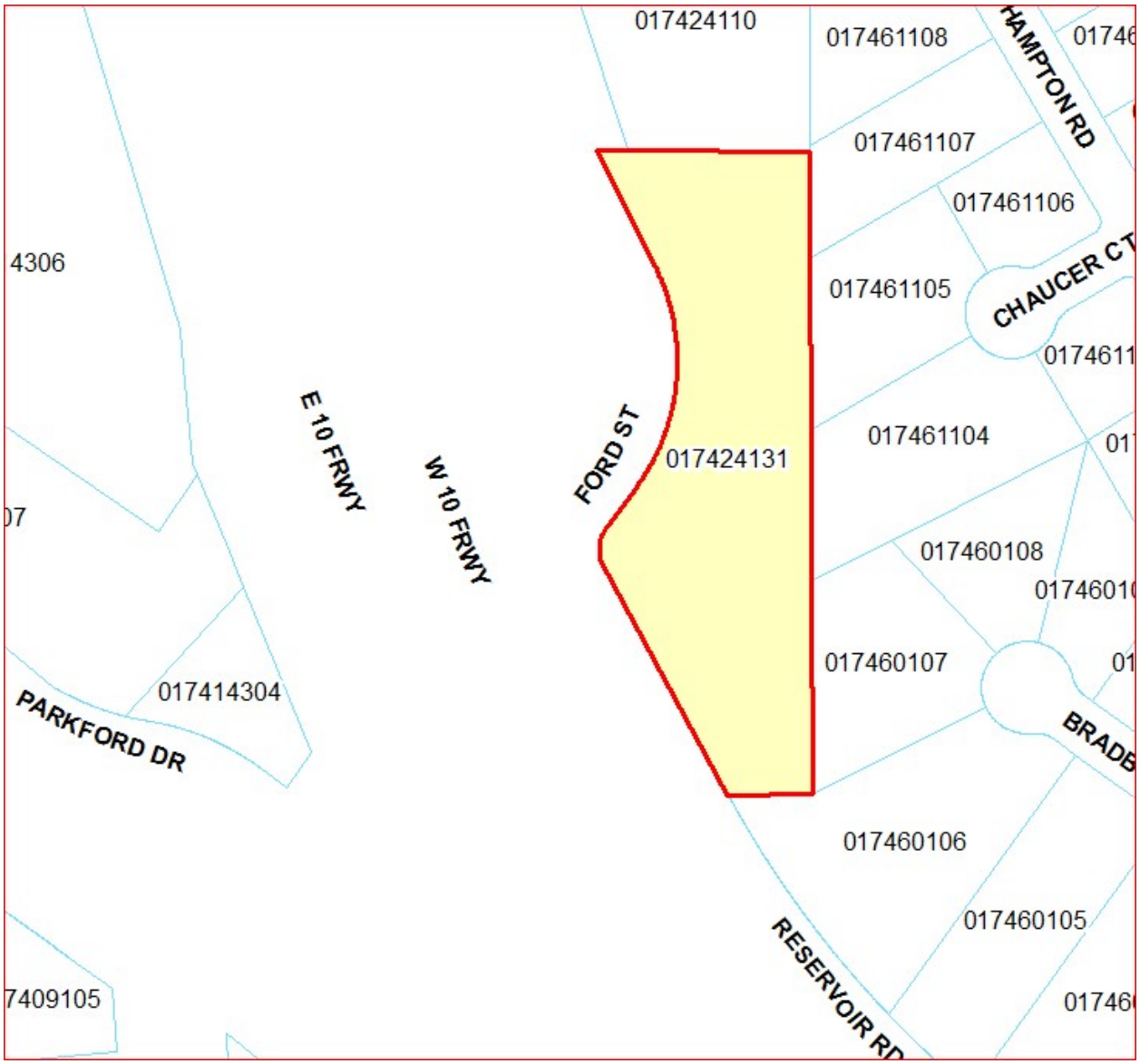
This Annexation has been removed. It was a duplicate of Annexation S1-D.

Annexation S2-D



Tract Map 14556

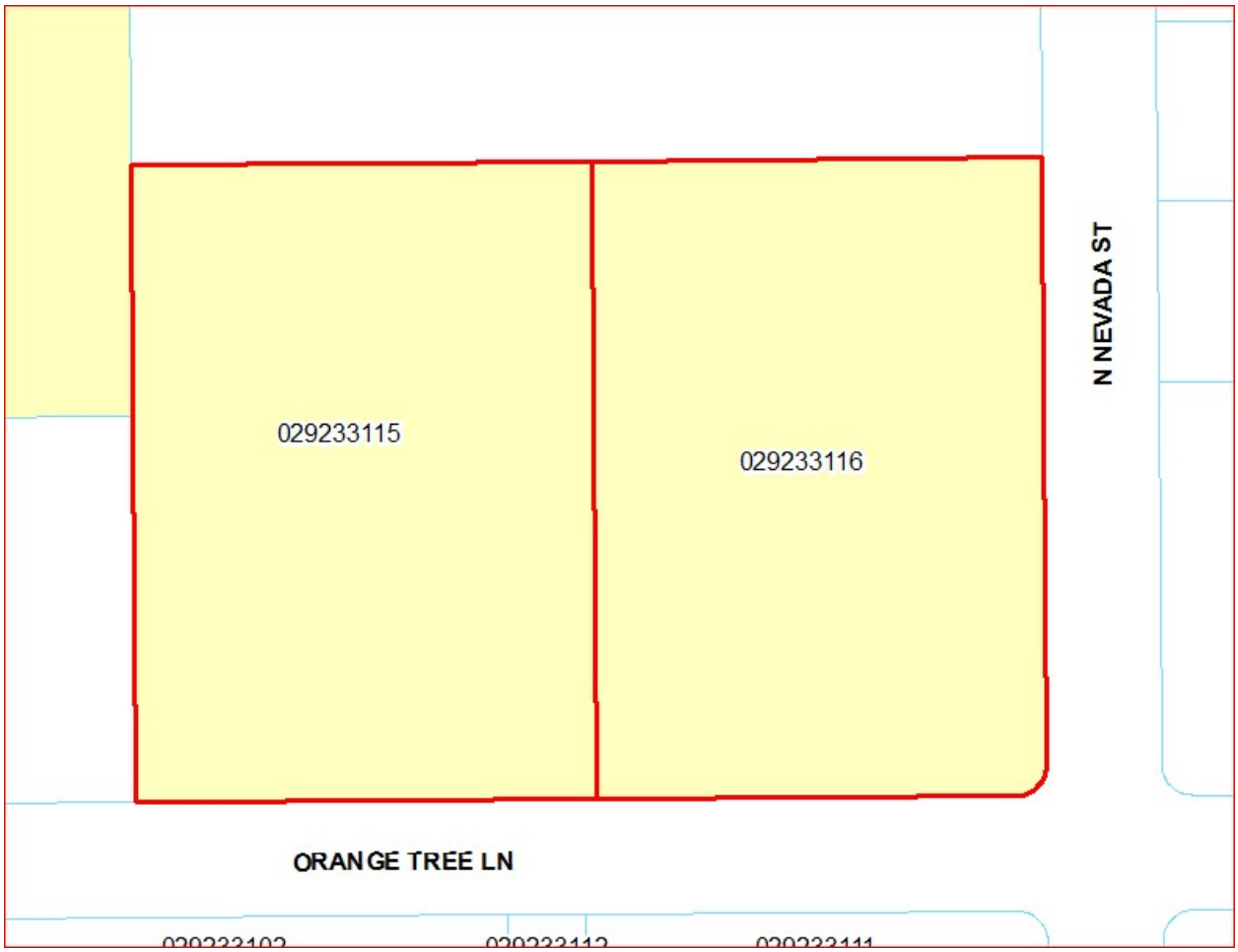
Annexation S2-E



CRA 611

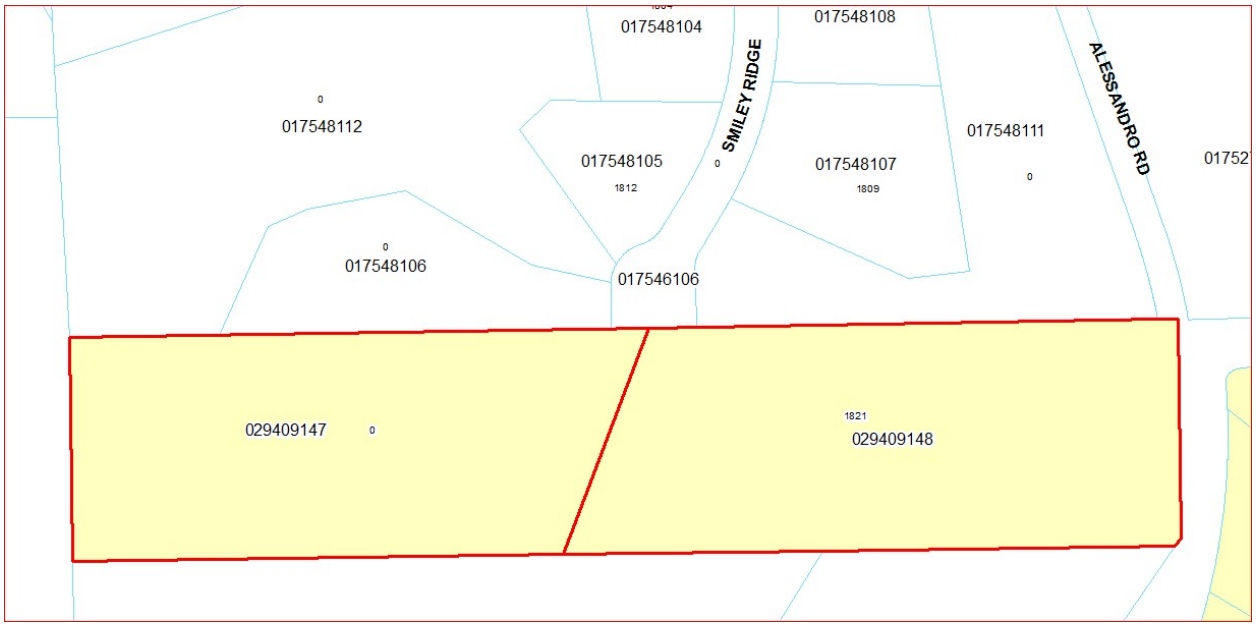
This parcel is not assessed.

Annexation S2-F



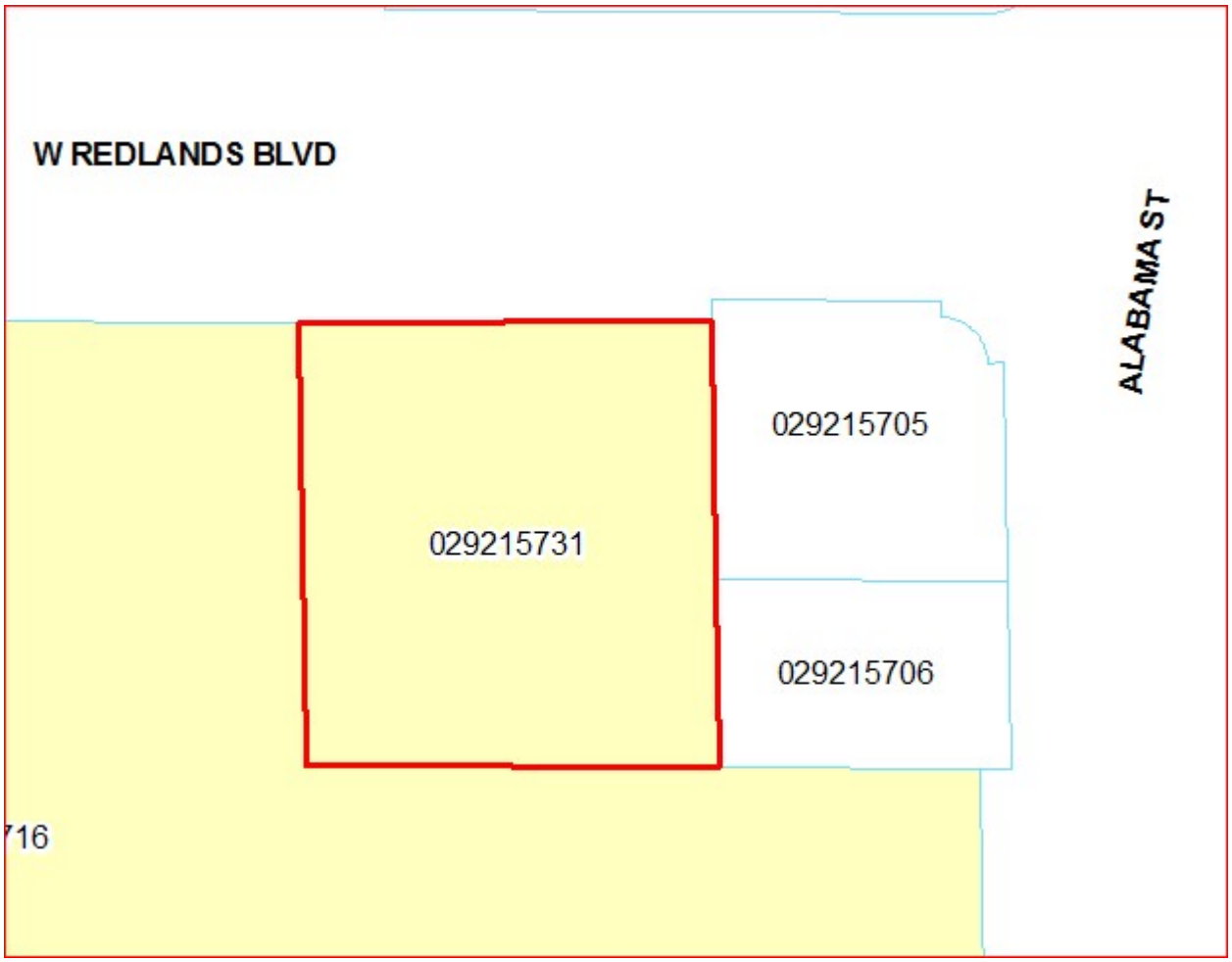
MS 196

Annexation S2-G



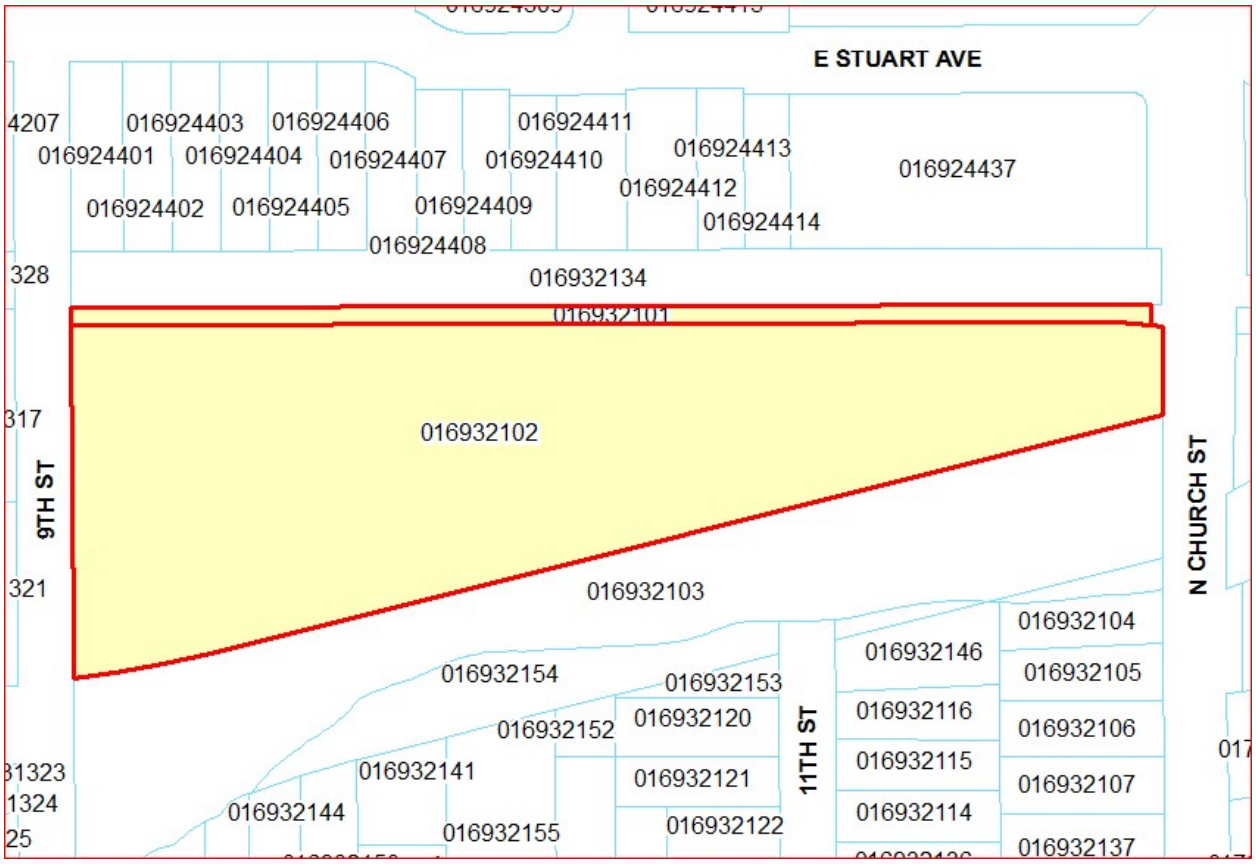
Parcel Map 11189

Annexation S2-H



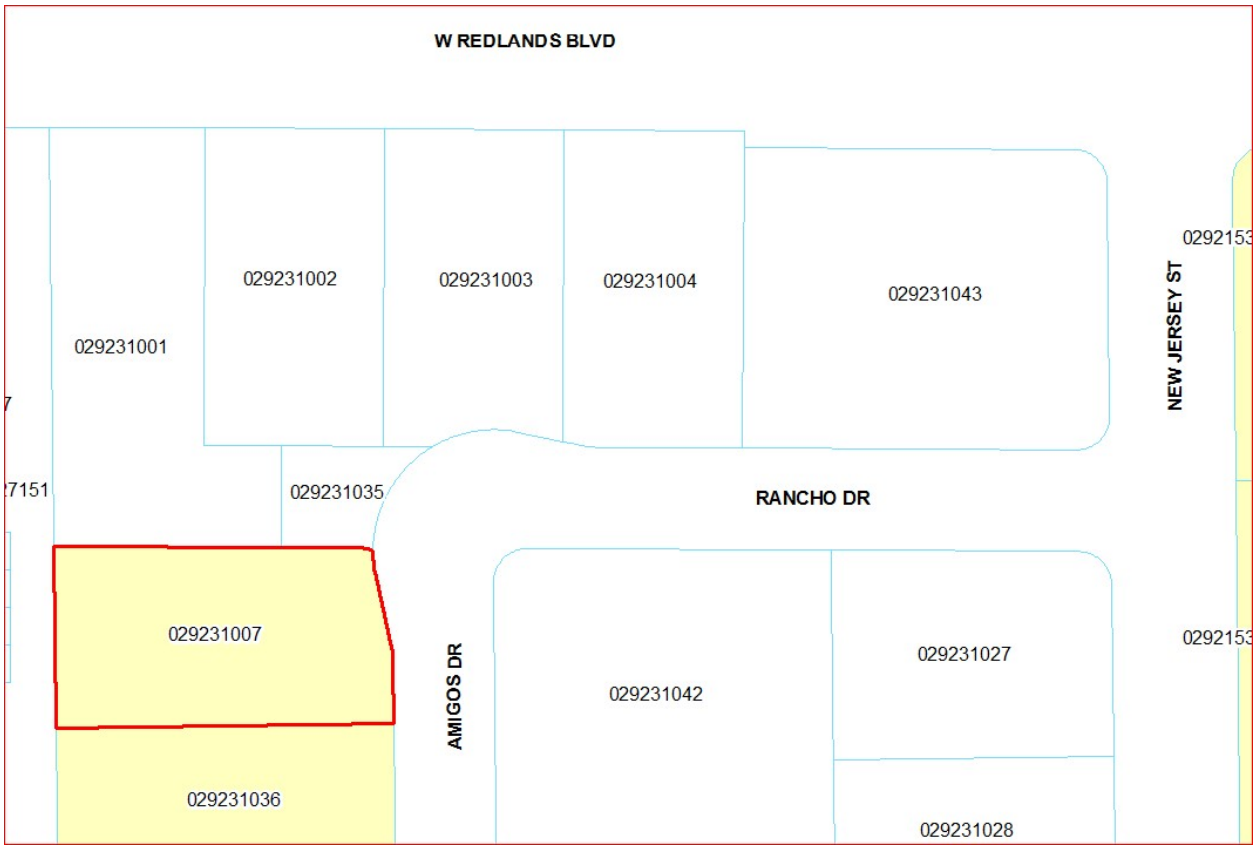
CRA 615

Annexation S3-A



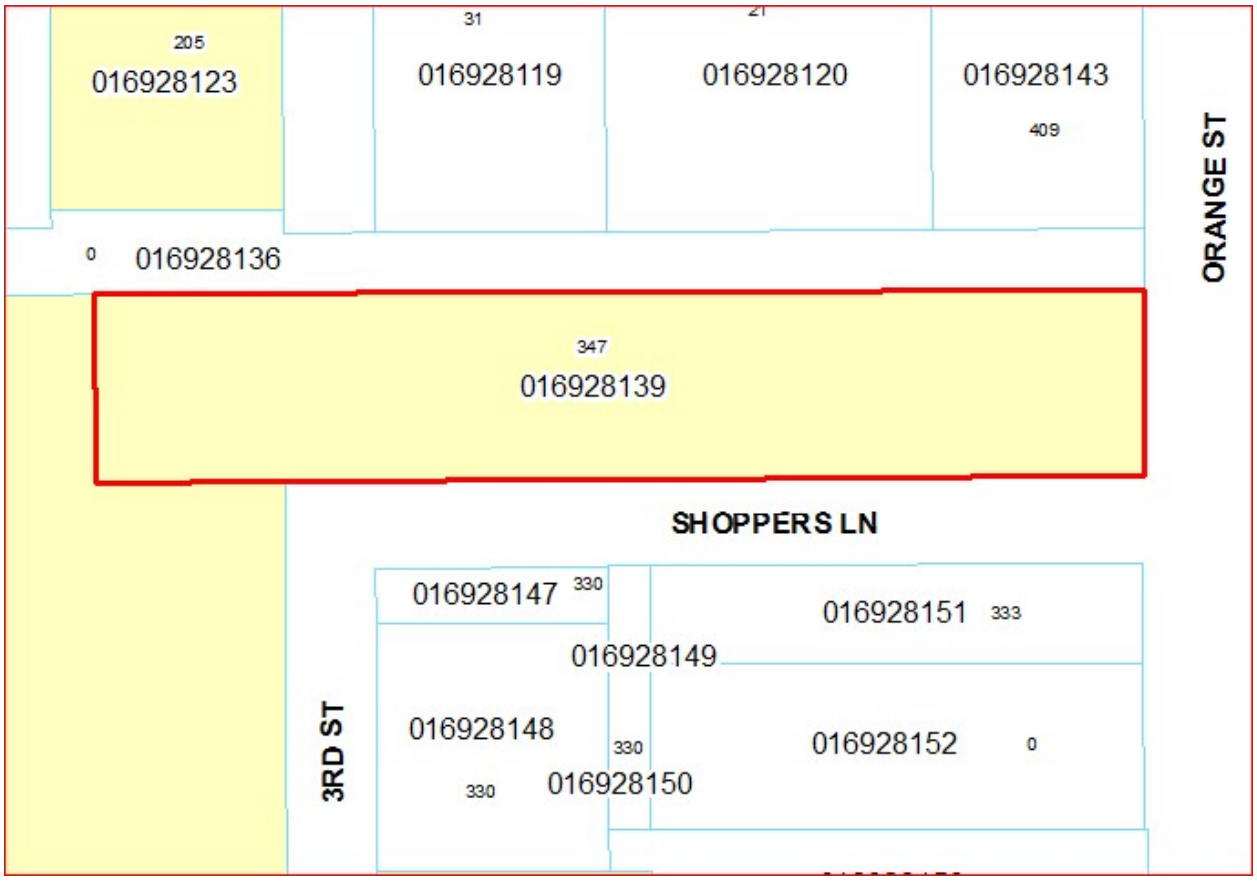
CRA 517

Annexation S3-B



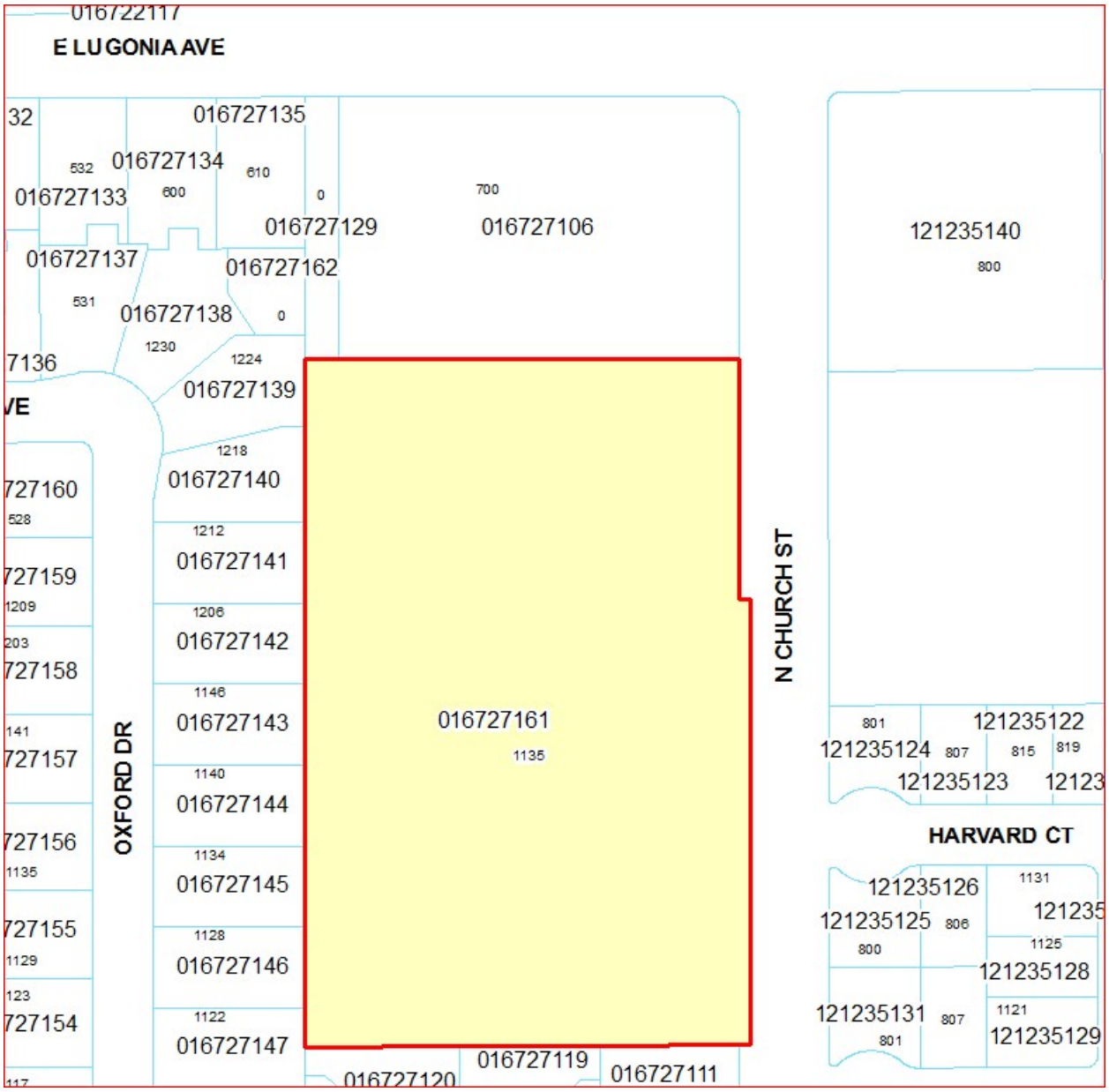
CRA 628

Annexation S3-C



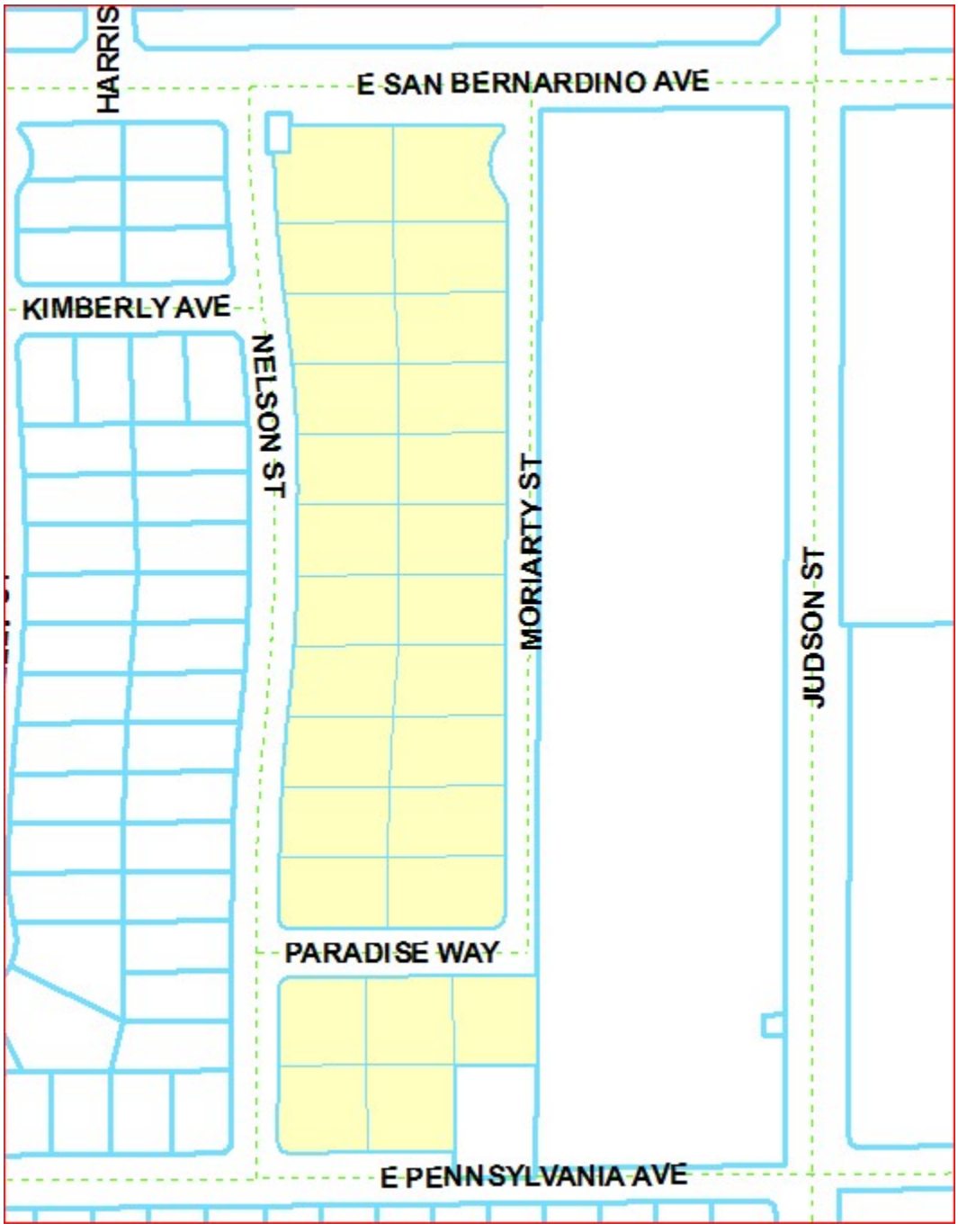
CRA 624

Annexation S3-D



CUP 532, CRA 305

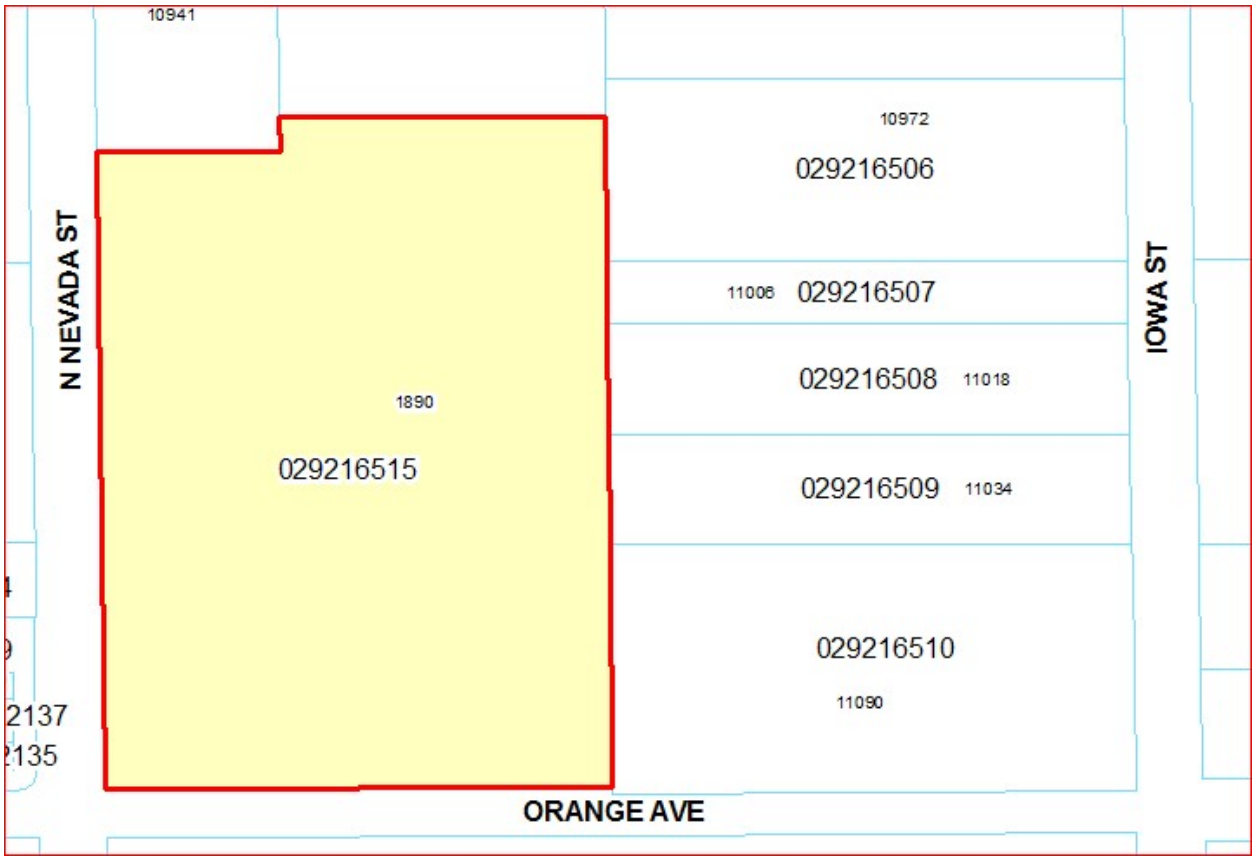
Annexation S3-E



Tract 13575

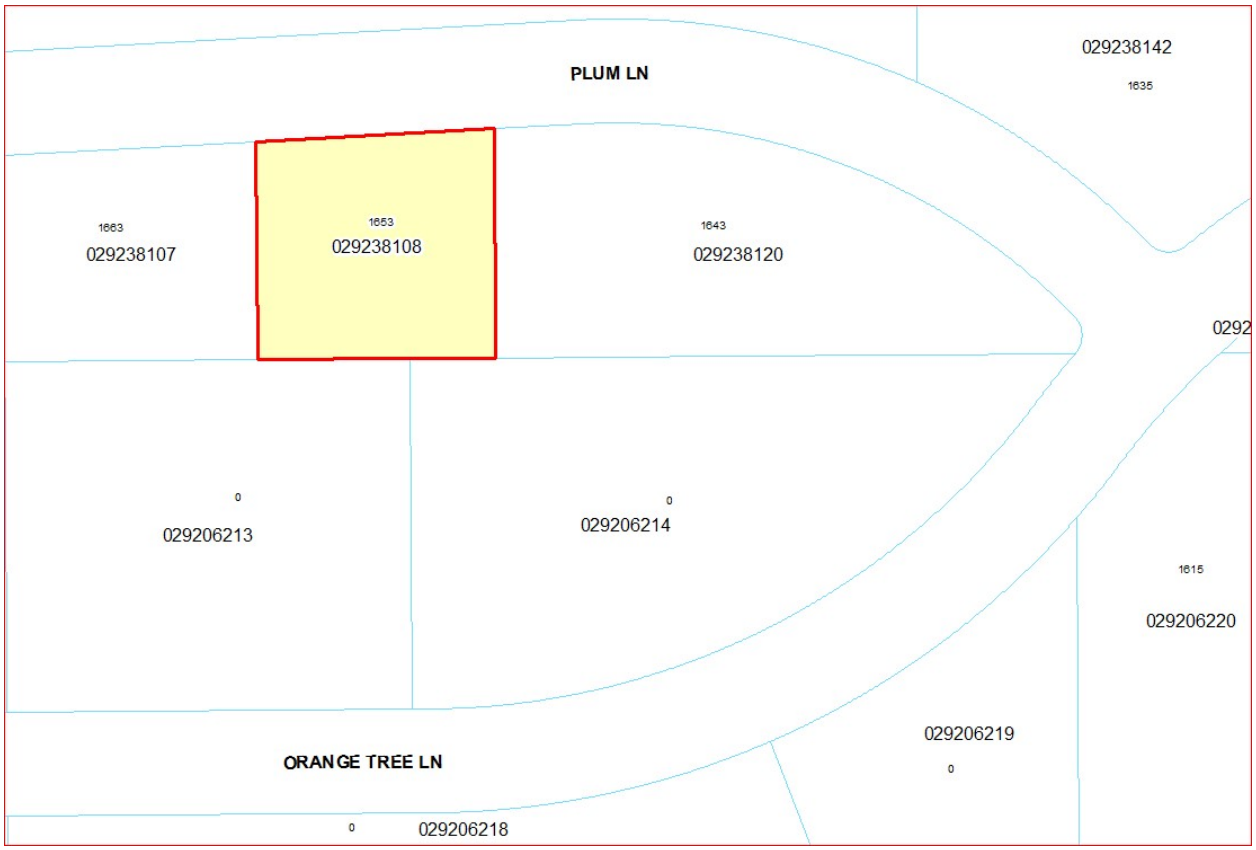
APN 1212-201-01 thru -27

Annexation S3-F



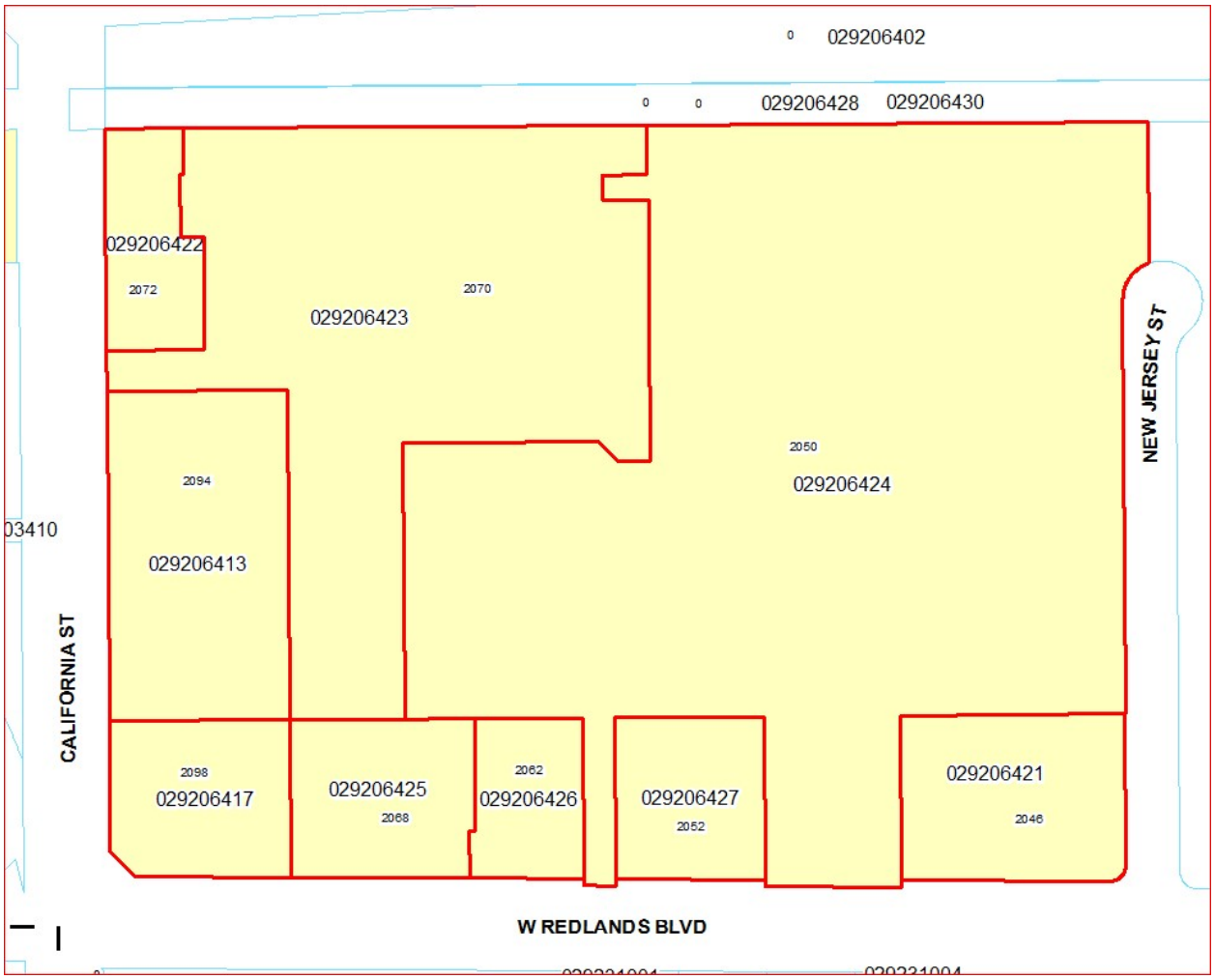
CUP 550

Annexation S3-G



CRA 623

Annexation S3-H

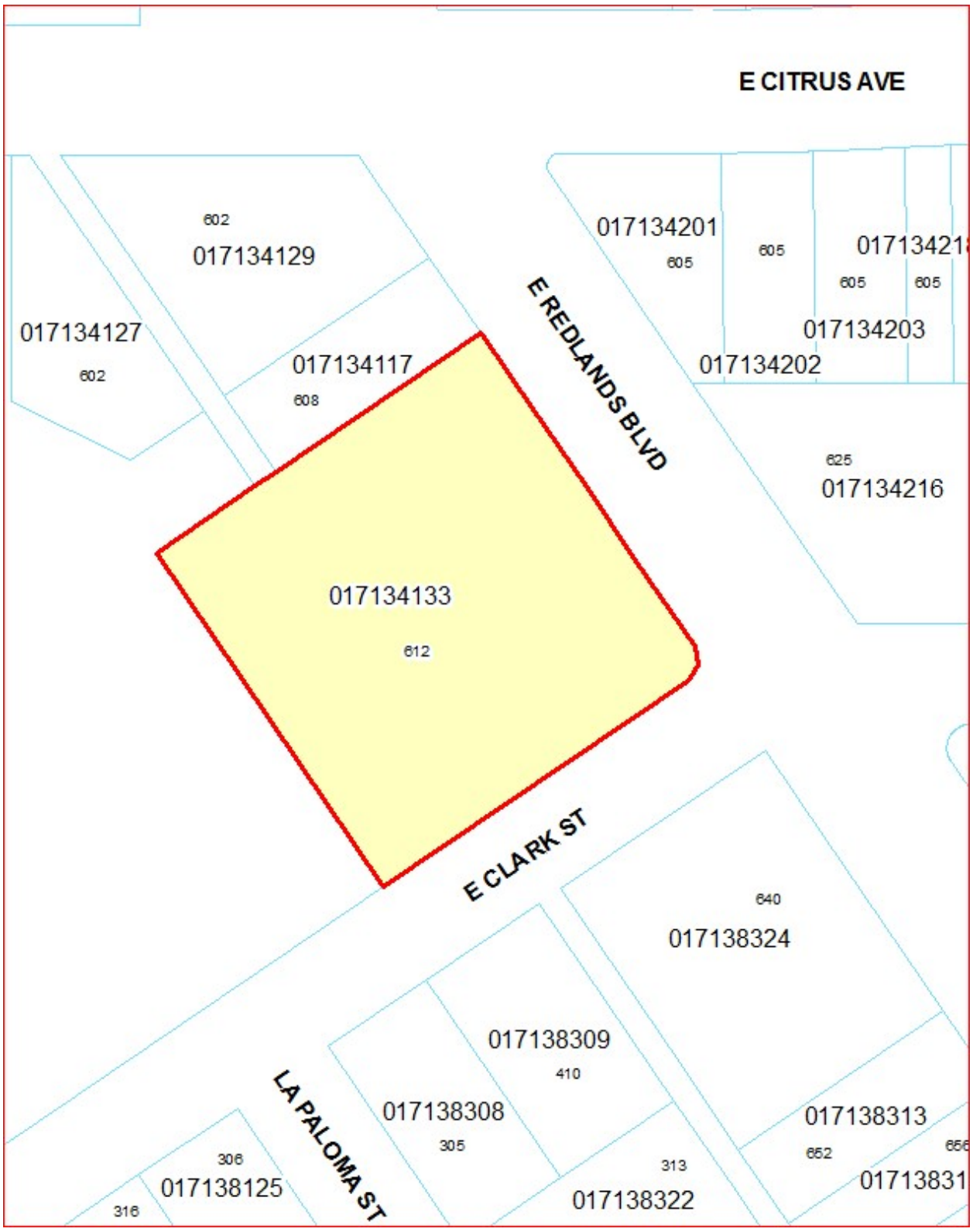


CUP 542, Parcel Map 13542

Annexation S3-I

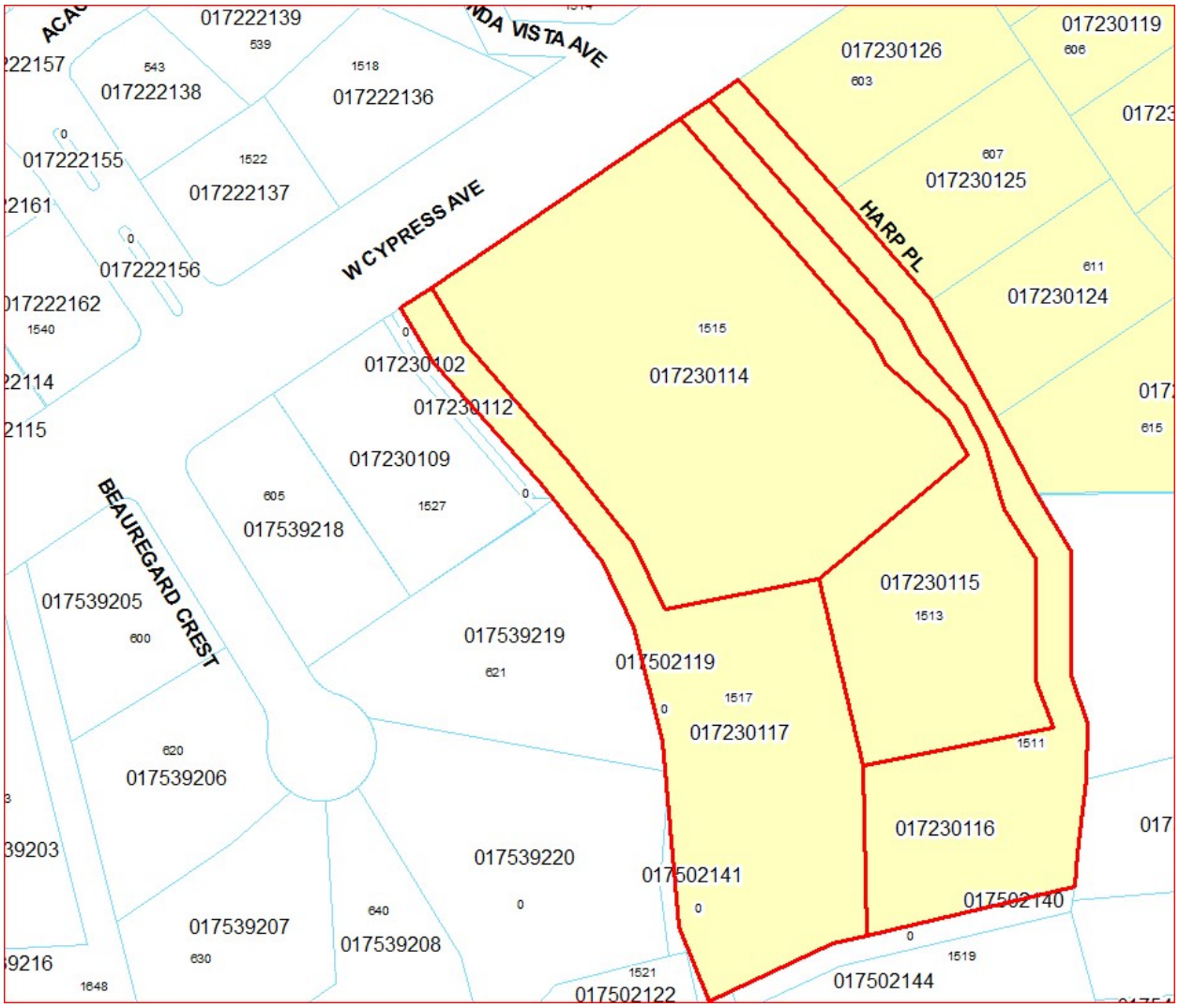
There is no Annexation S3-I

Annexation S3-J



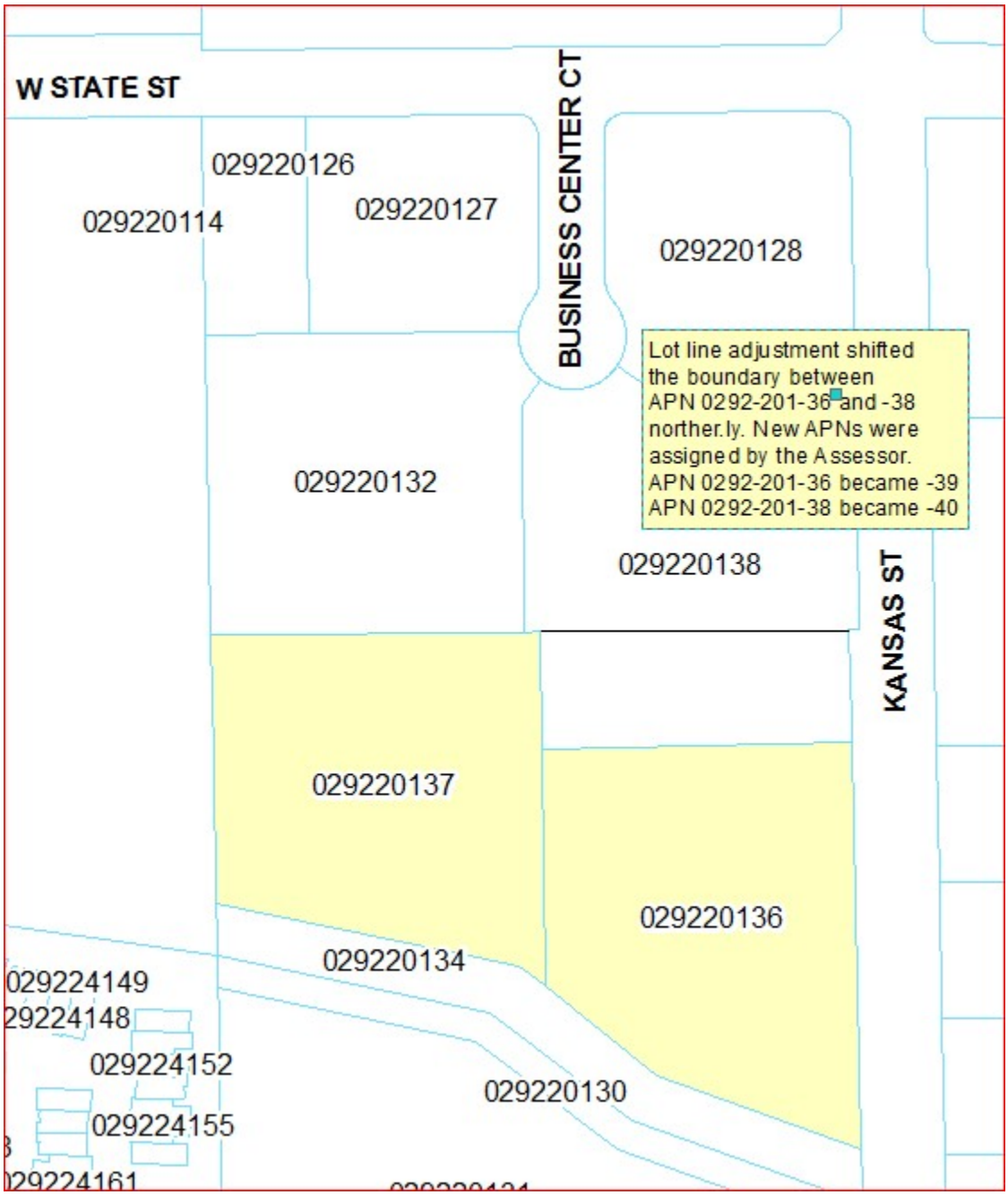
CUP 314, CUP 324, CUP 383

Annexation S4-A



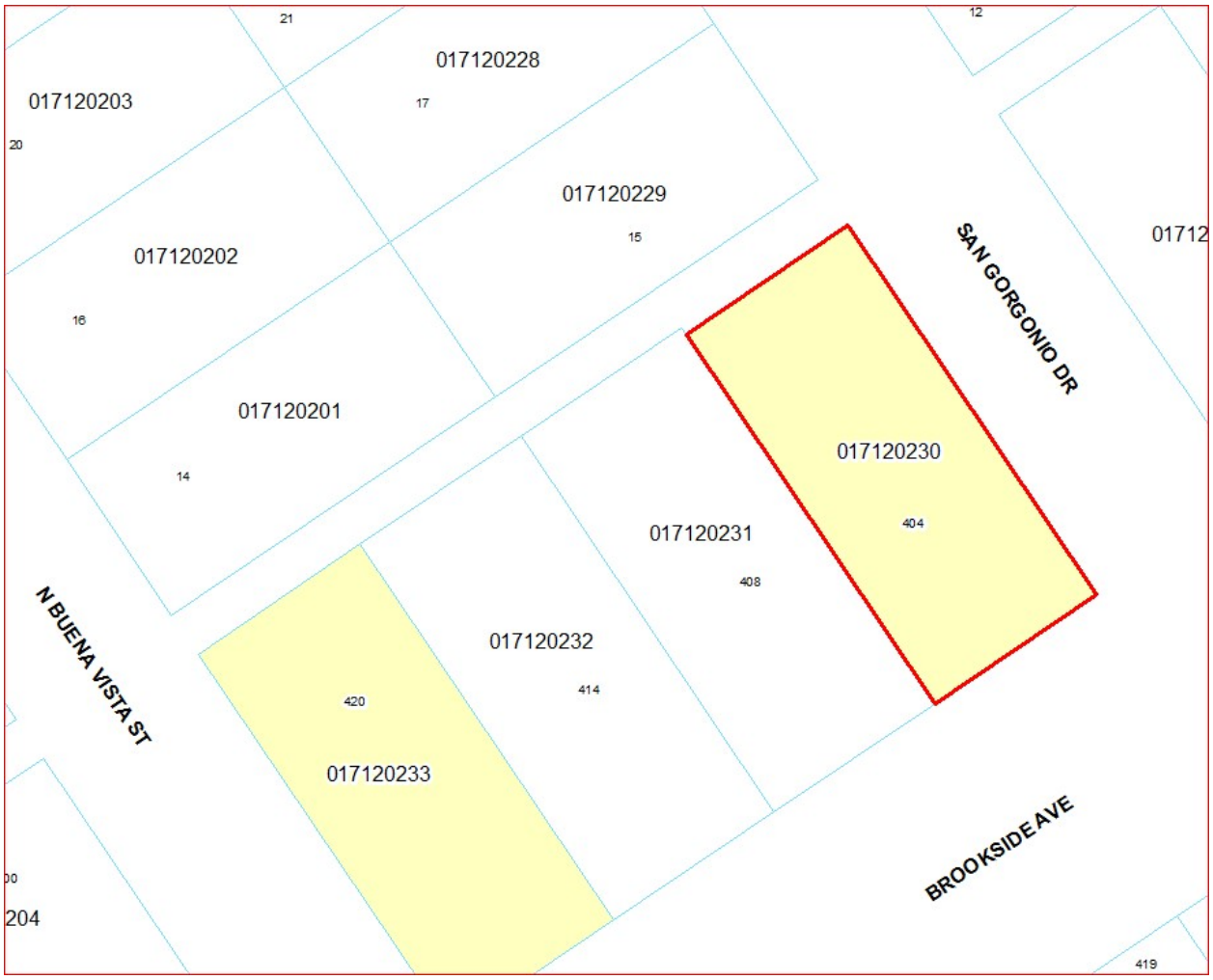
MS 213, Parcel Map 13978

Annexation S4-B



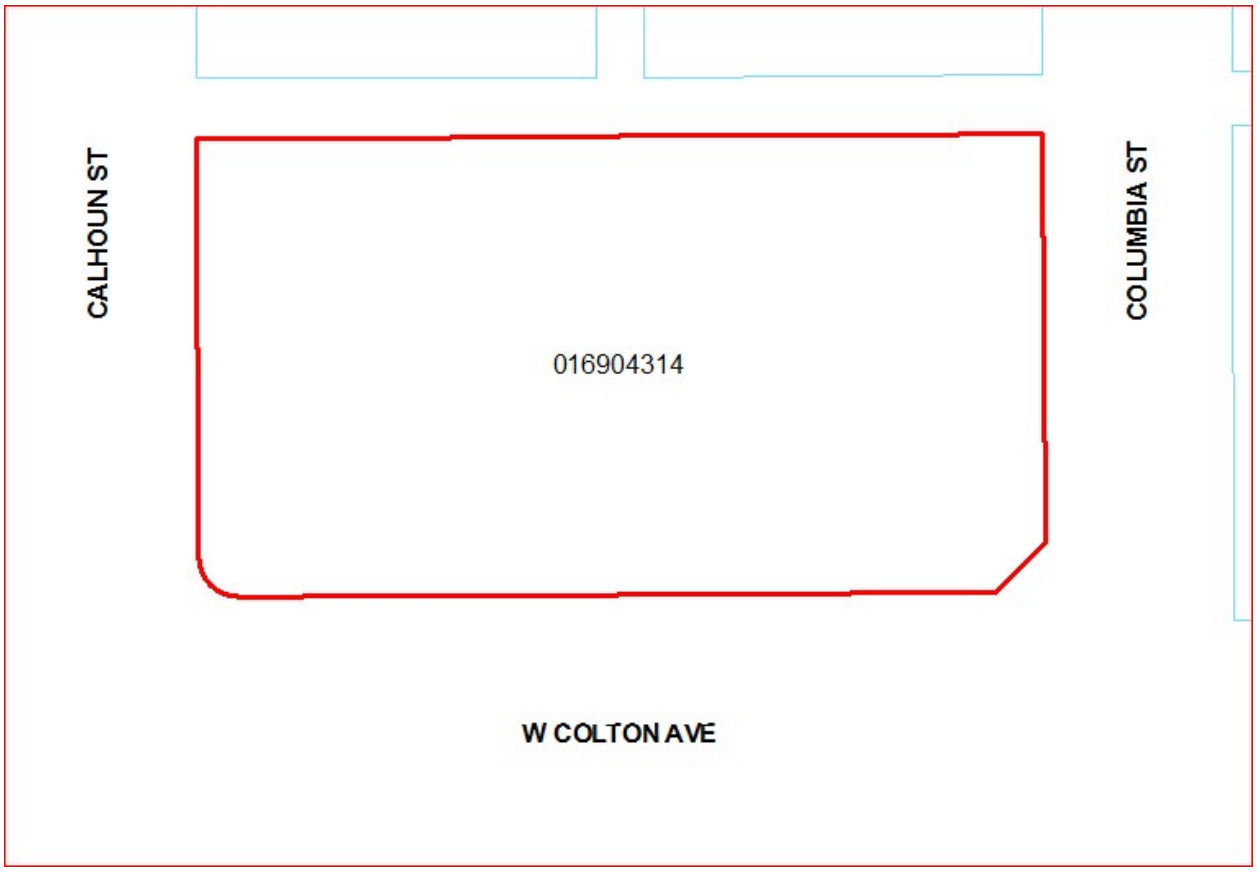
MS 211

Annexation S4-C



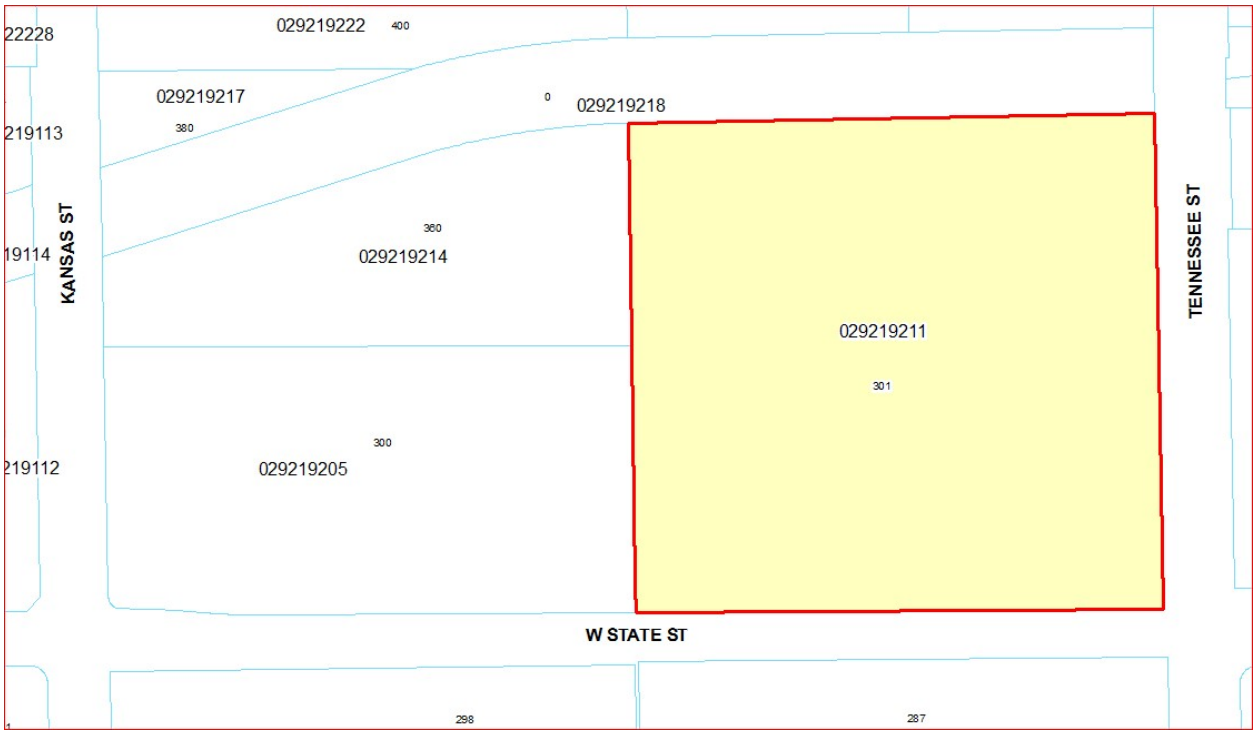
CUP 559

Annexation S4-D



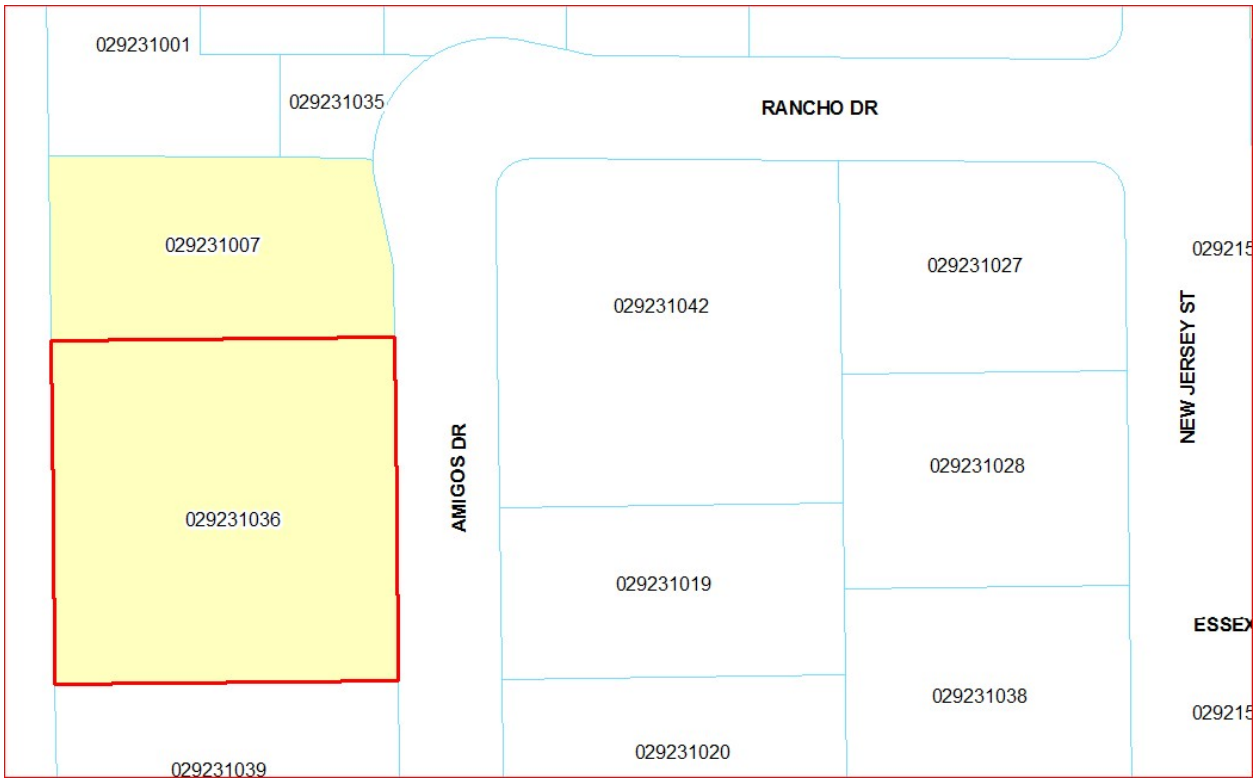
CRA 636

Annexation S4-E



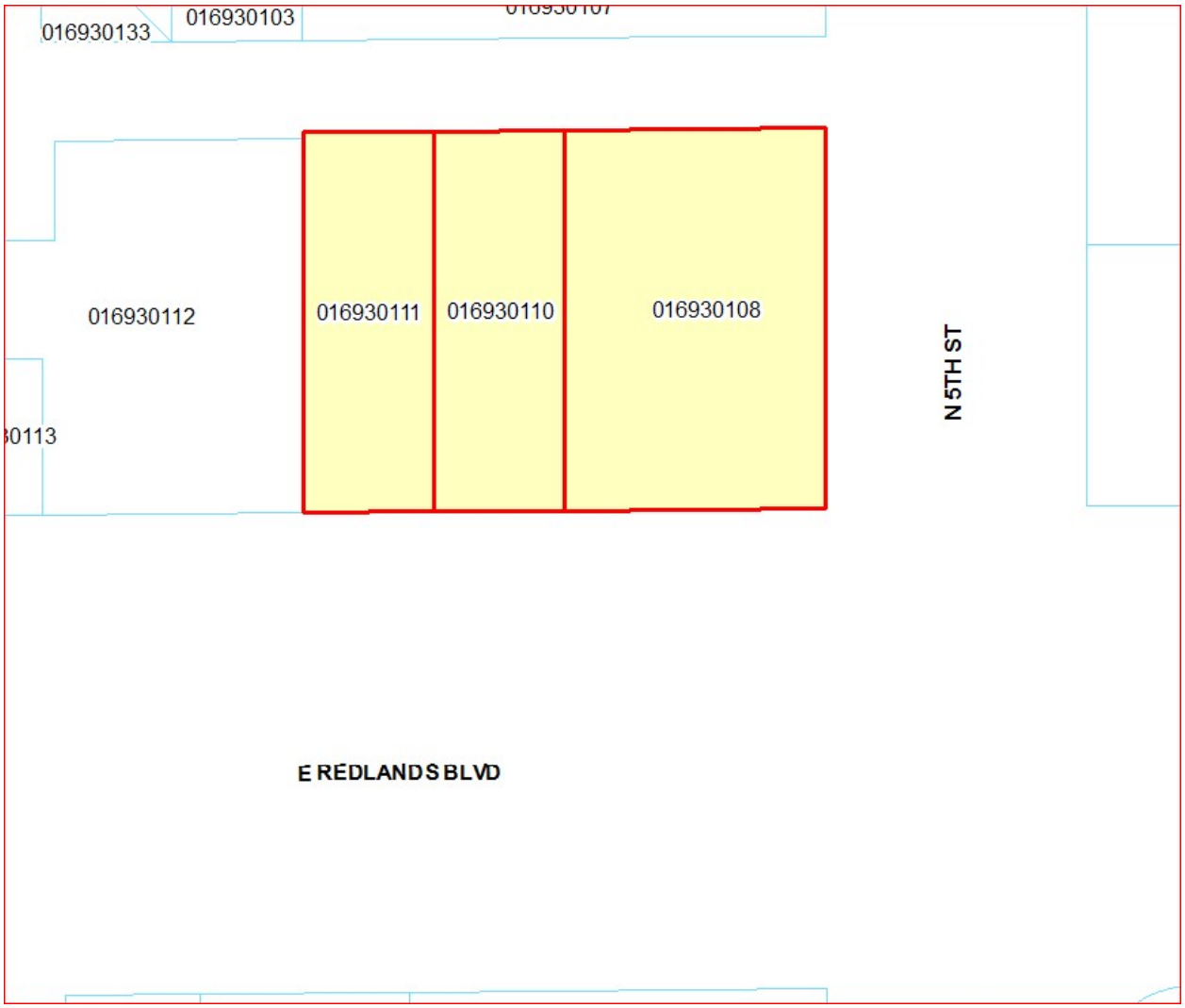
CRA 546

Annexation S4-F



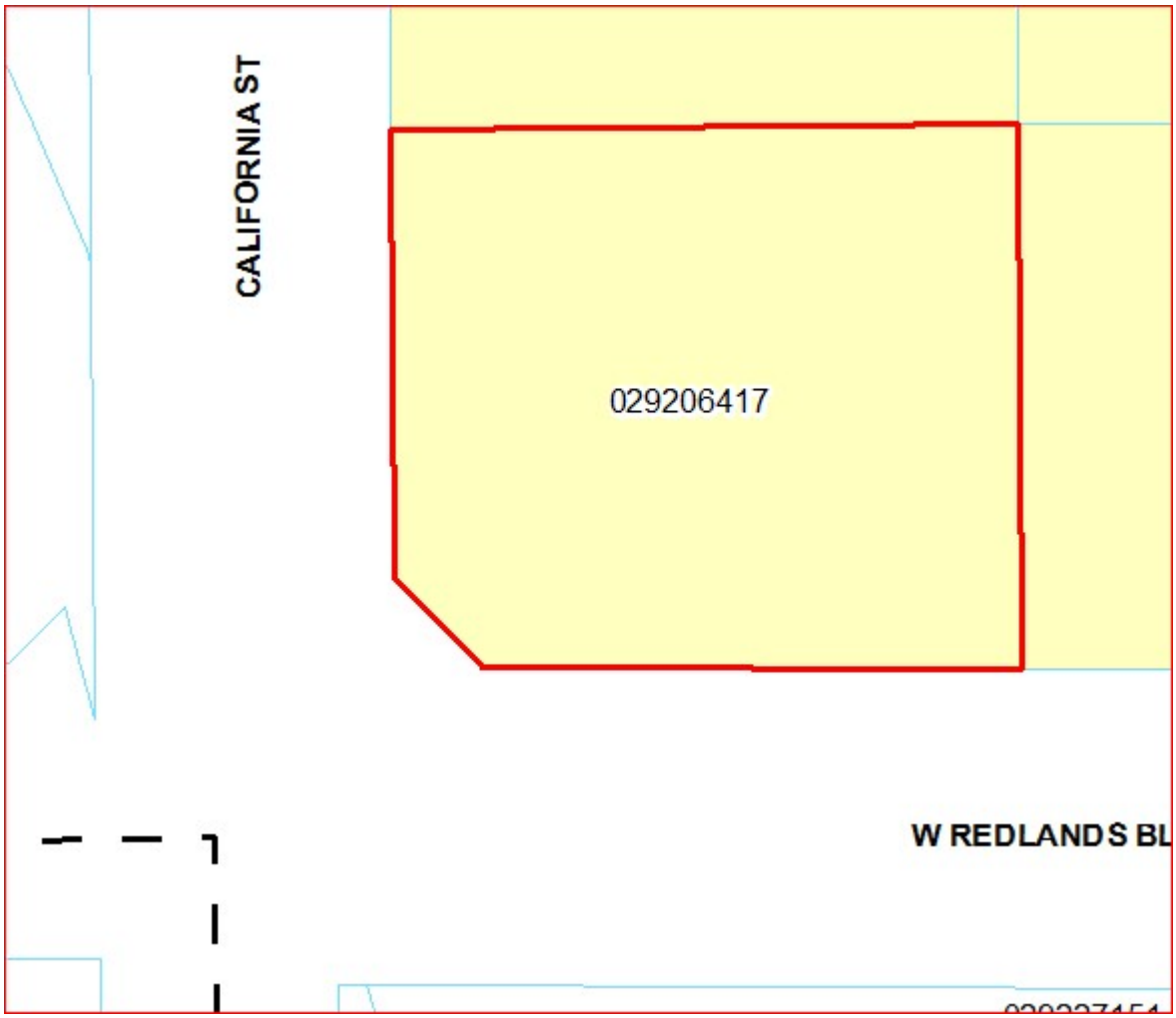
CRA 641 – originally two parcels that have been combined into a single parcel.

Annexation S4-G



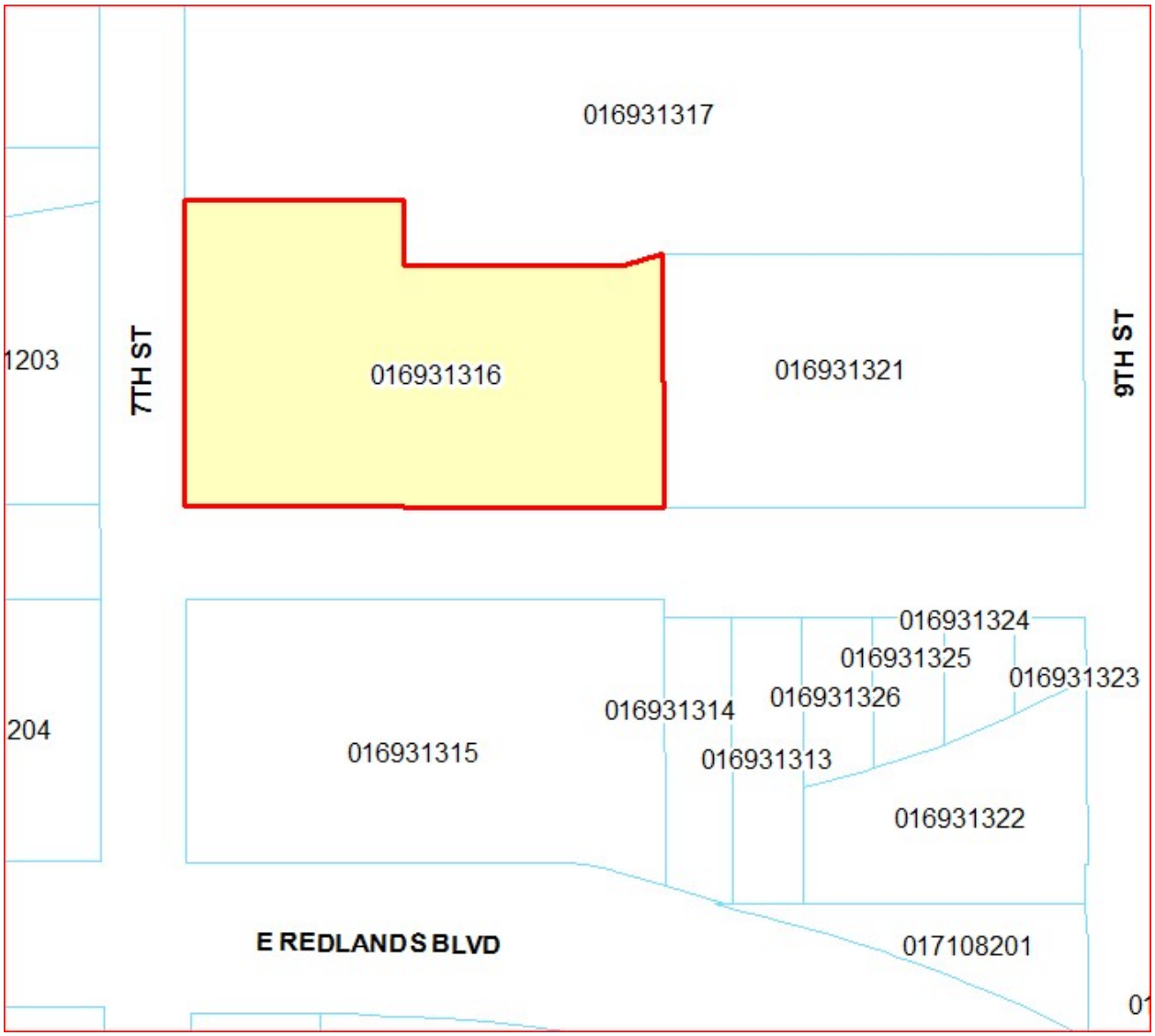
CRA 640

Annexation S4-H



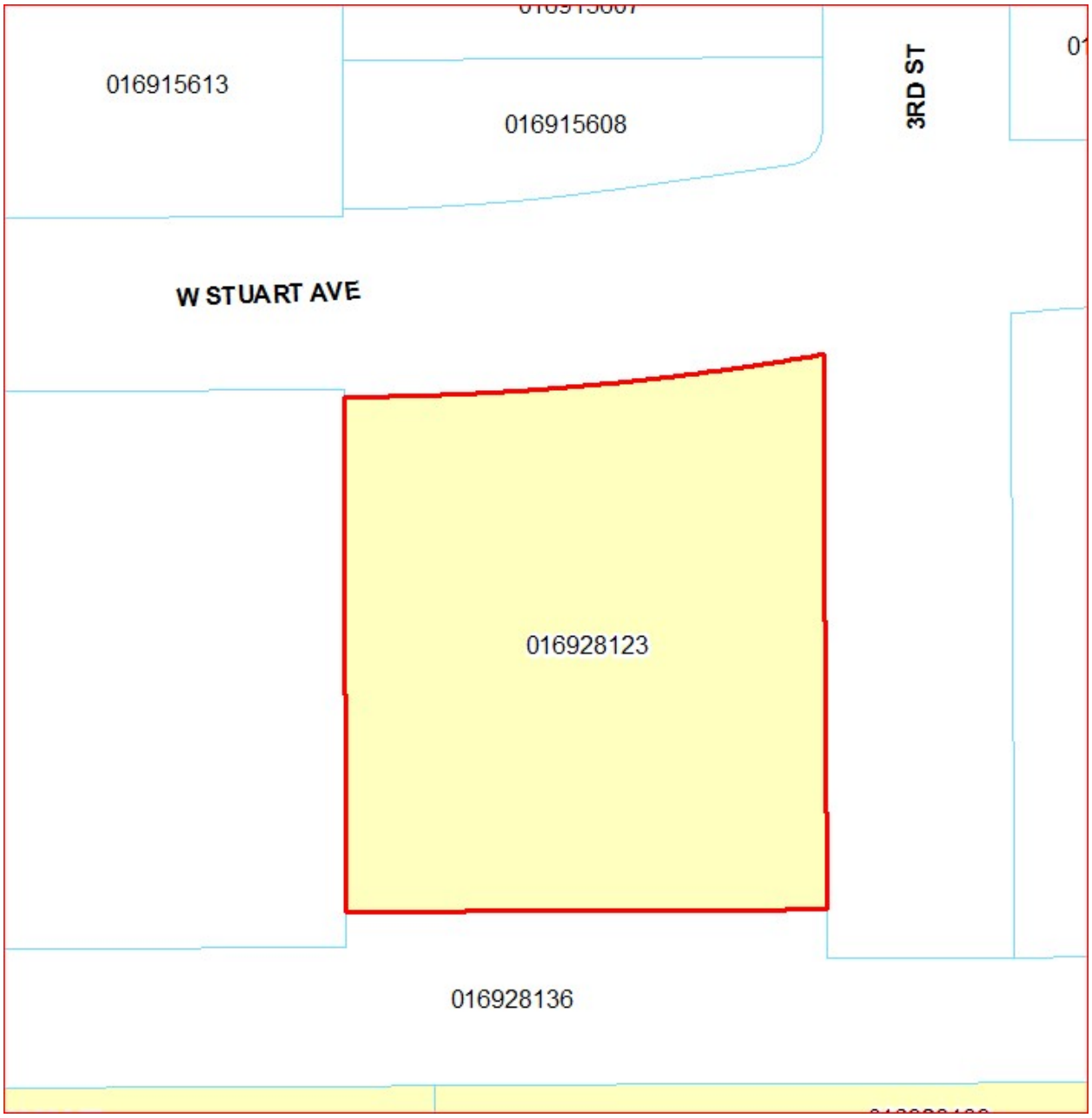
CUP 562

Annexation S4-I



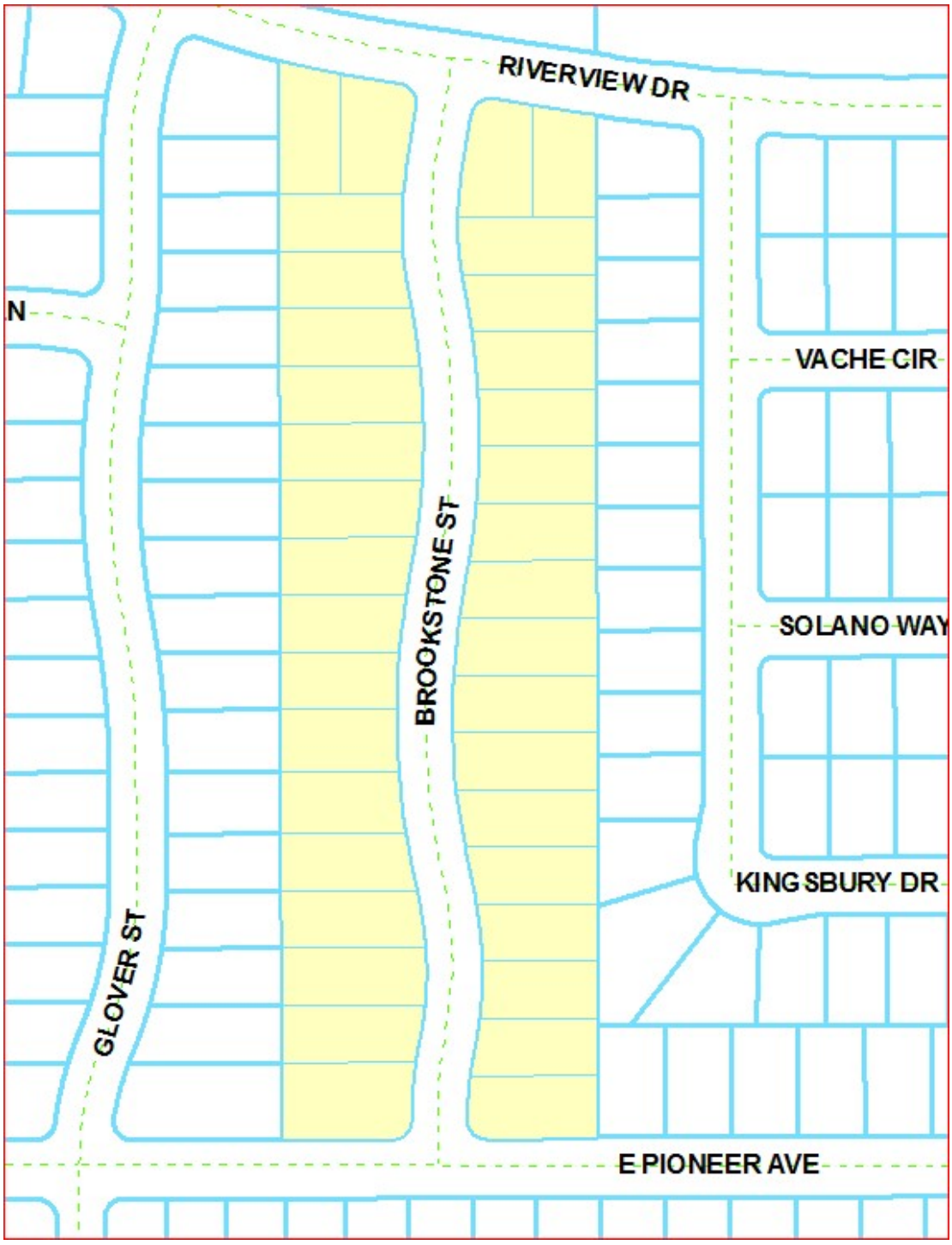
CUP 548

Annexation S5-A



CRA 637

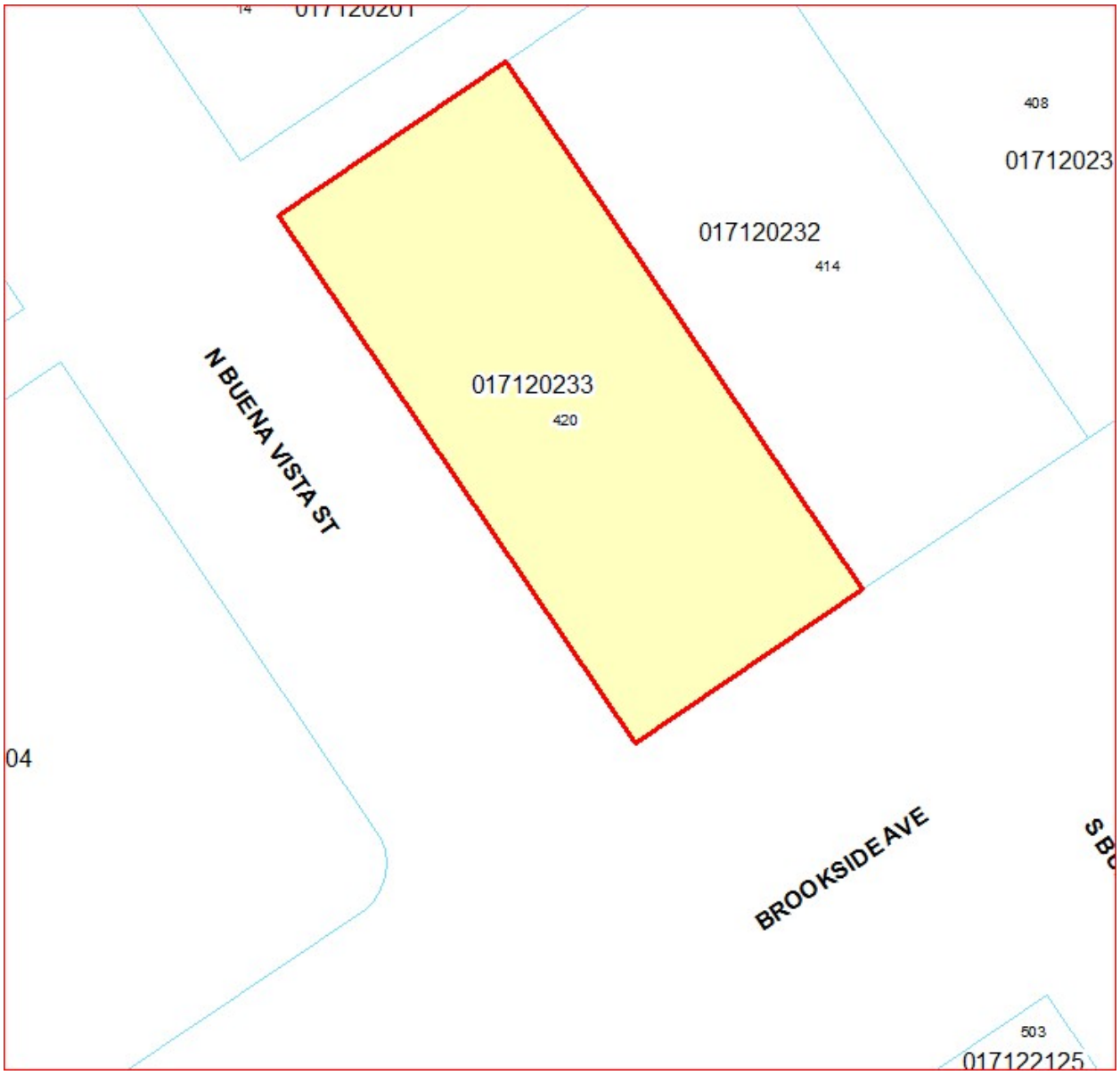
Annexation S5-B



Tract Map 10179

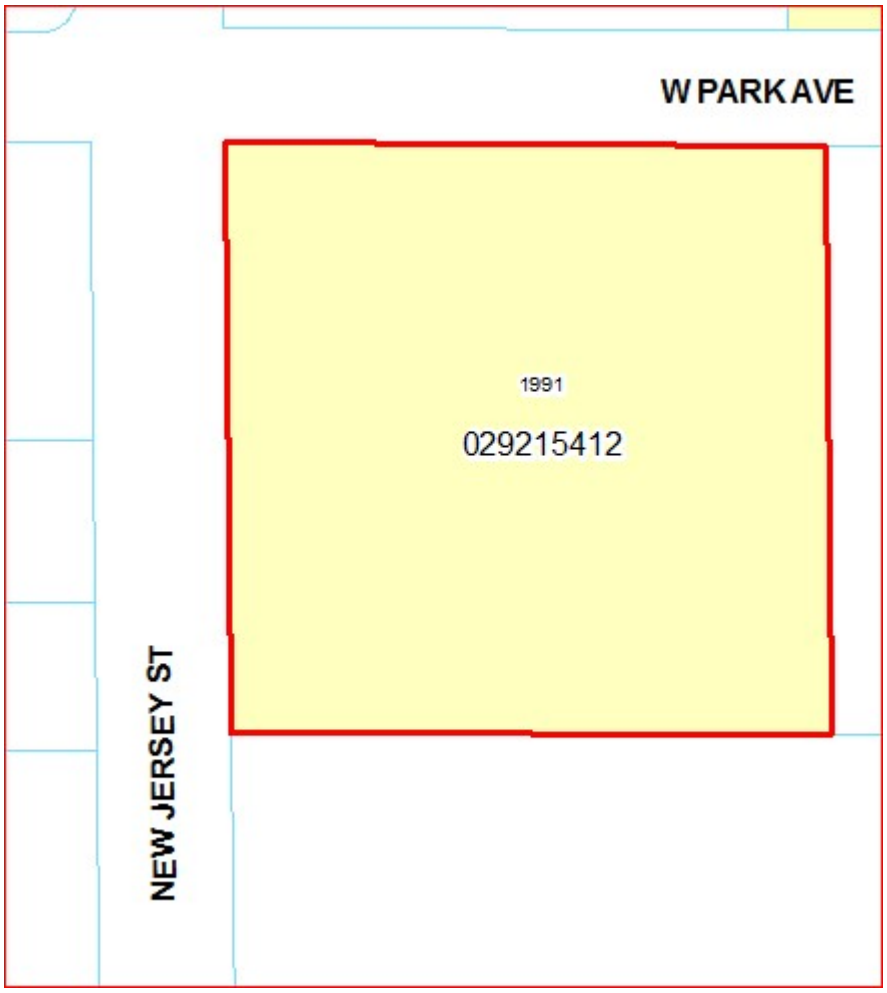
APN 0167-851-39 thru -56
APN 0167-861-37 thru -54

Annexation S5-C



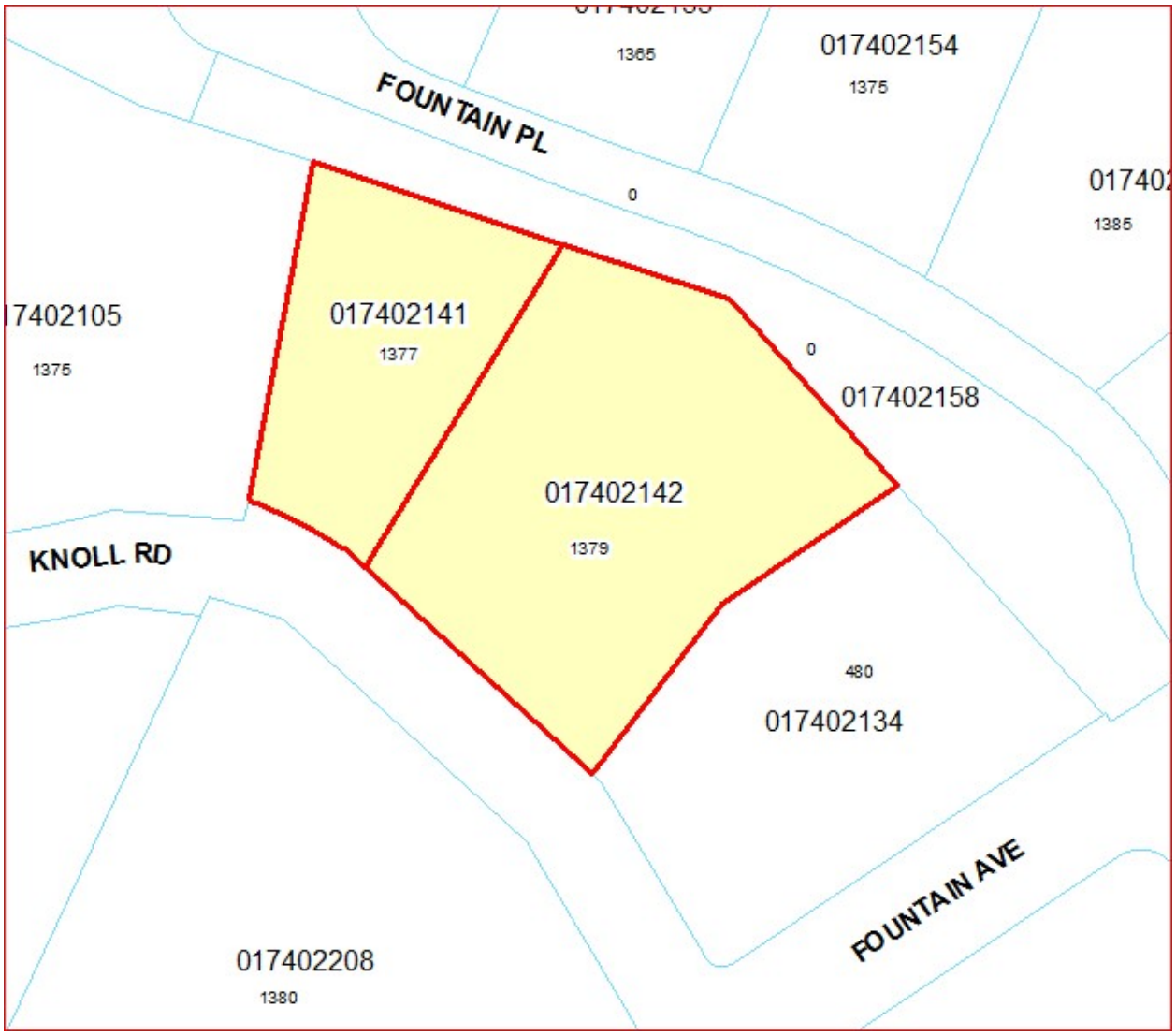
CUP 574

Annexation S5-D



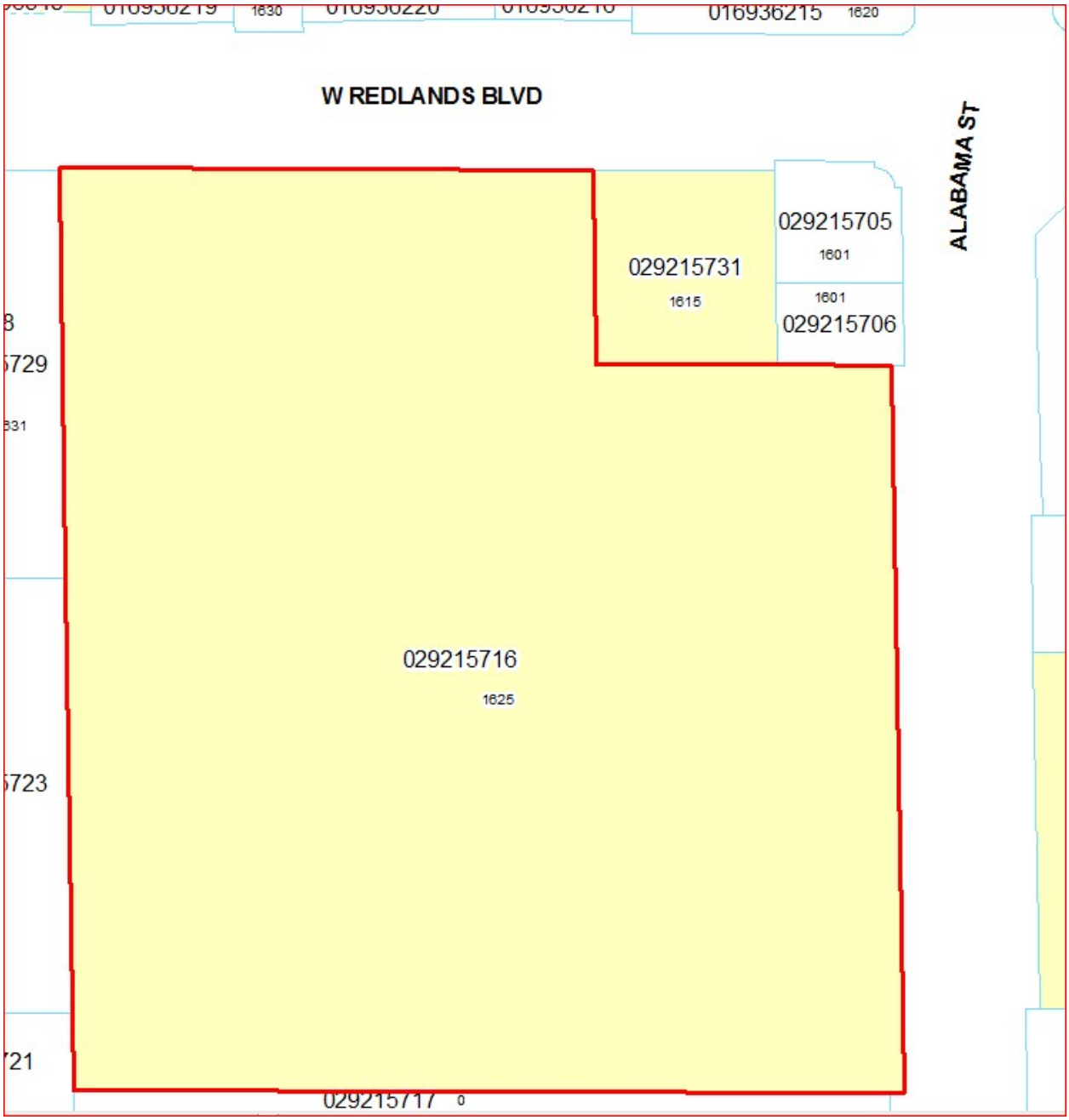
CRA 642

Annexation S5-E



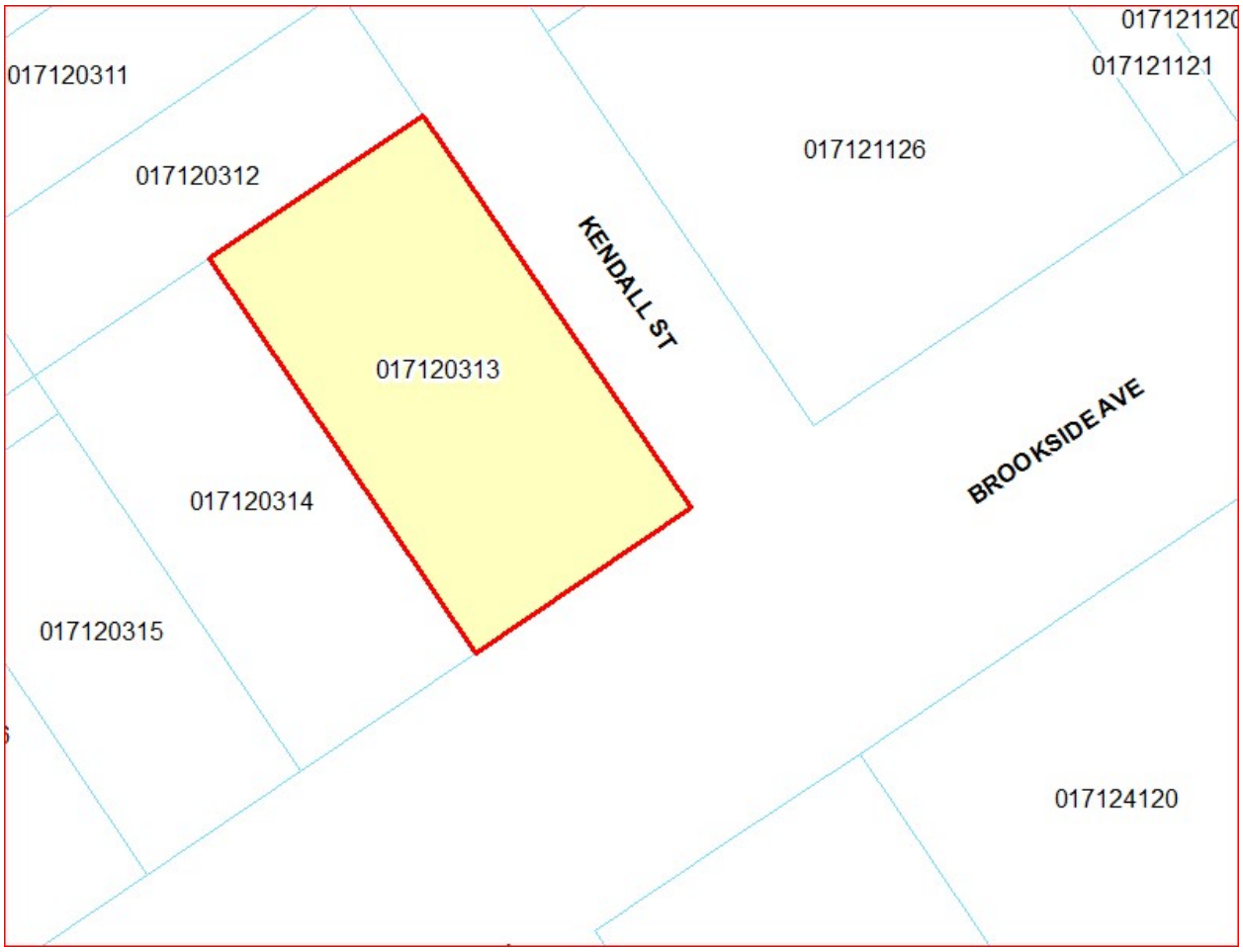
Parcel Map 14090

Annexation S6-A



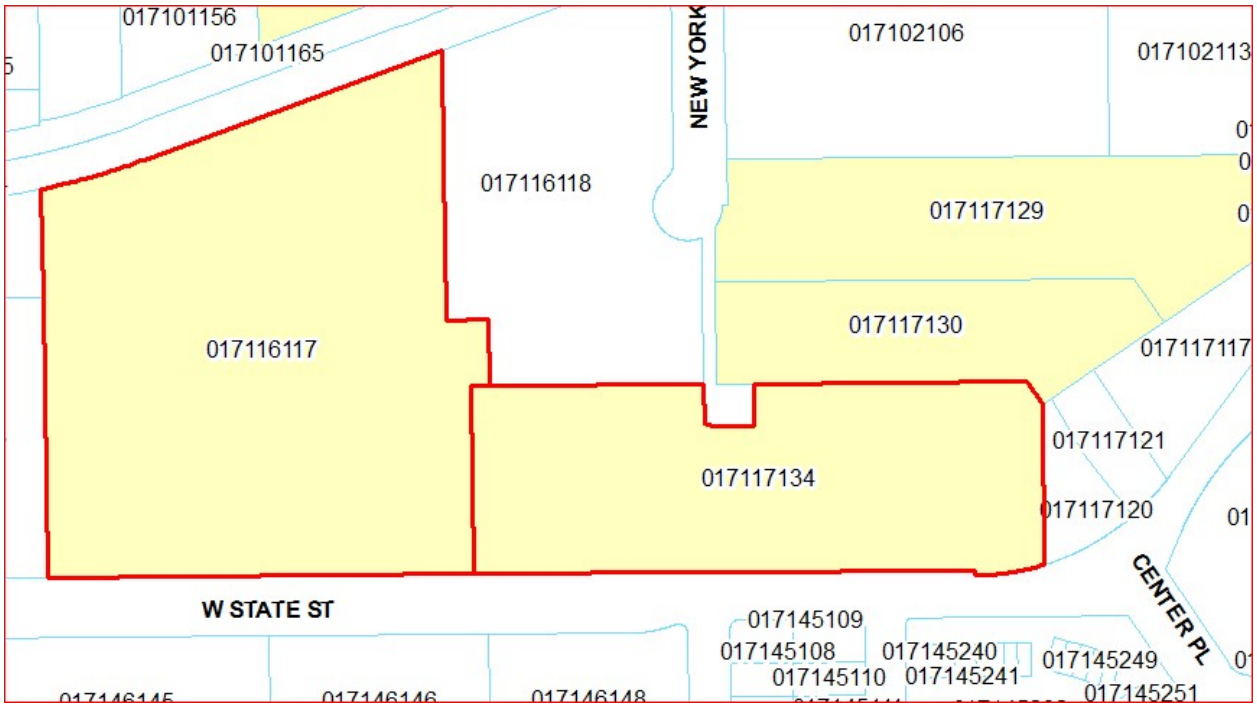
CRA 648

Annexation S6-B



CUP 581

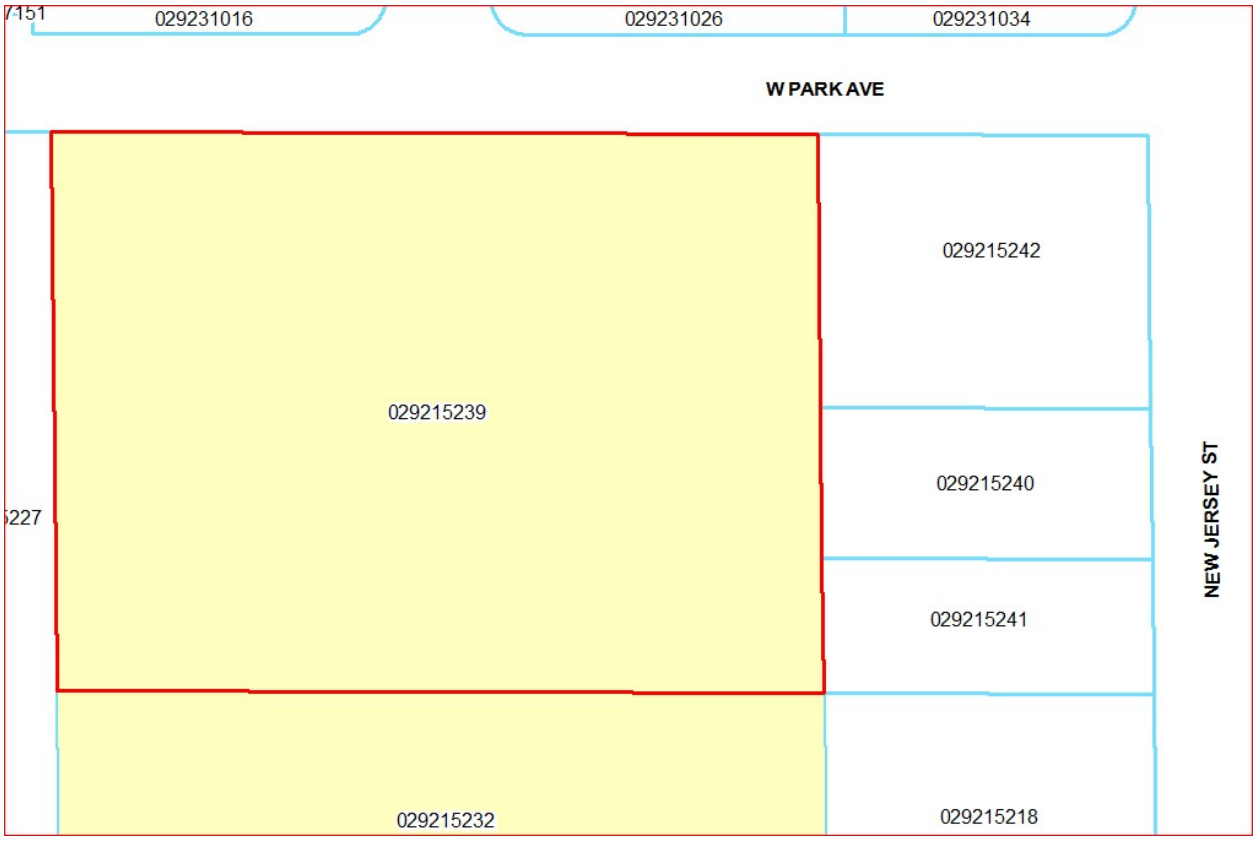
Annexation S7-A



MS 228

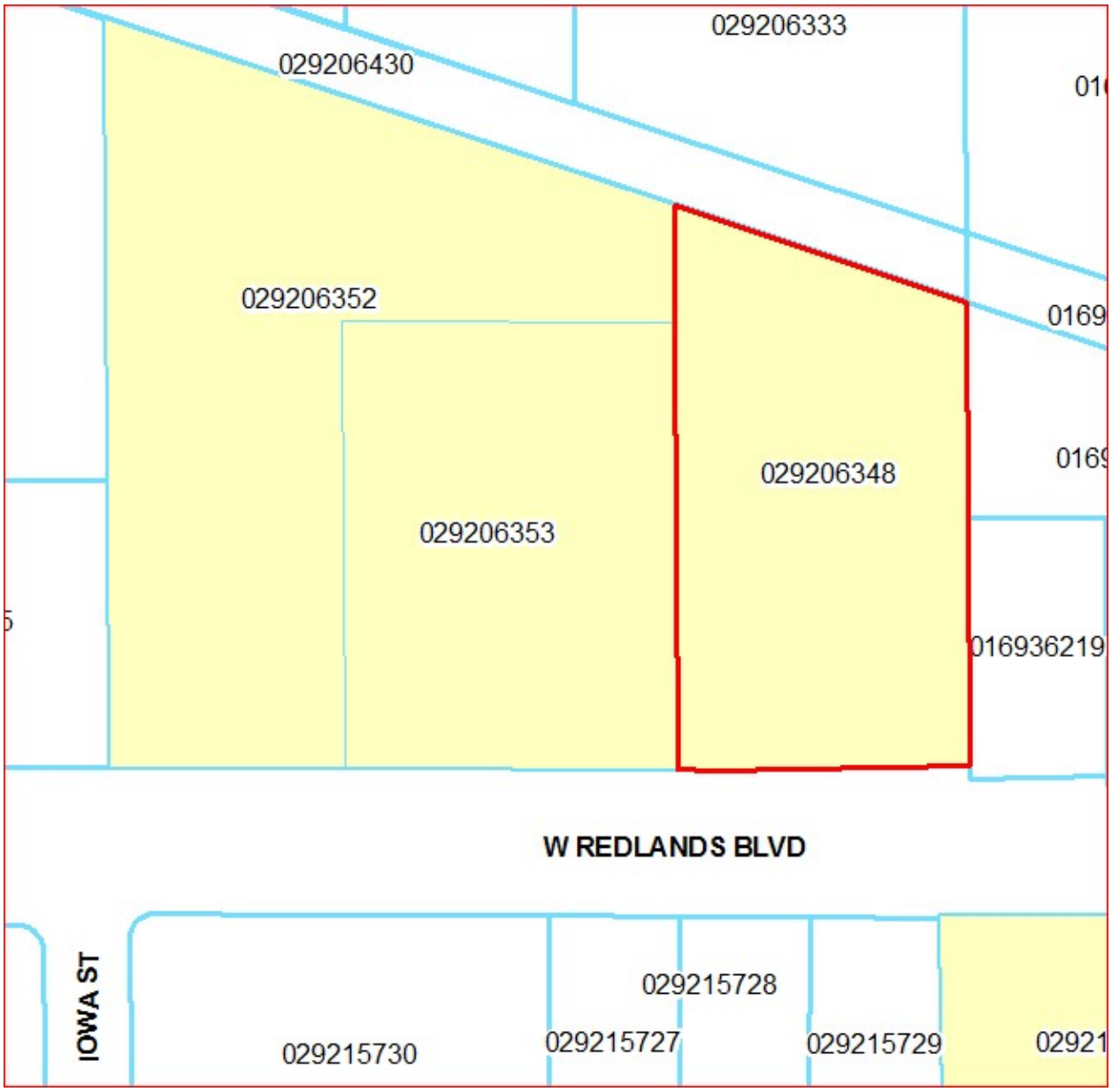
Annexation S7-A was originally APN 0171-161-13 and was then changed to APN 0171-161-14 and -15. Annexation S1-S was originally APN 0171-171-18, -22, and -23. Assessments for Annexation S7-A and S1-S were combined and then adjusted proportionately. New APNs for both annexations are 0171-161-17 and 0171-171-34. Assessment spread proportionately. 4/20/2020

Annexation S7-B



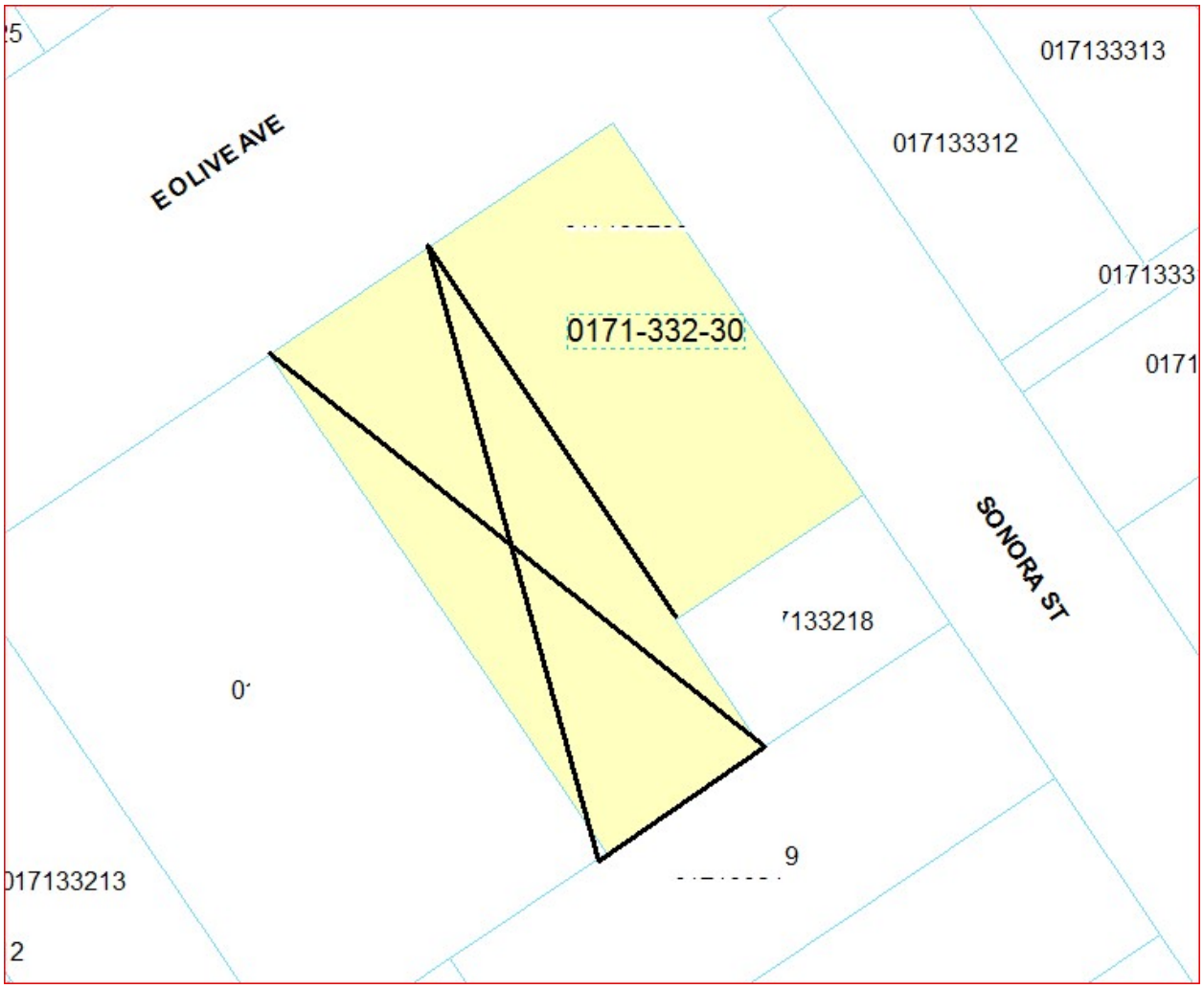
CRA 639

Annexation S7-C



CUP 602

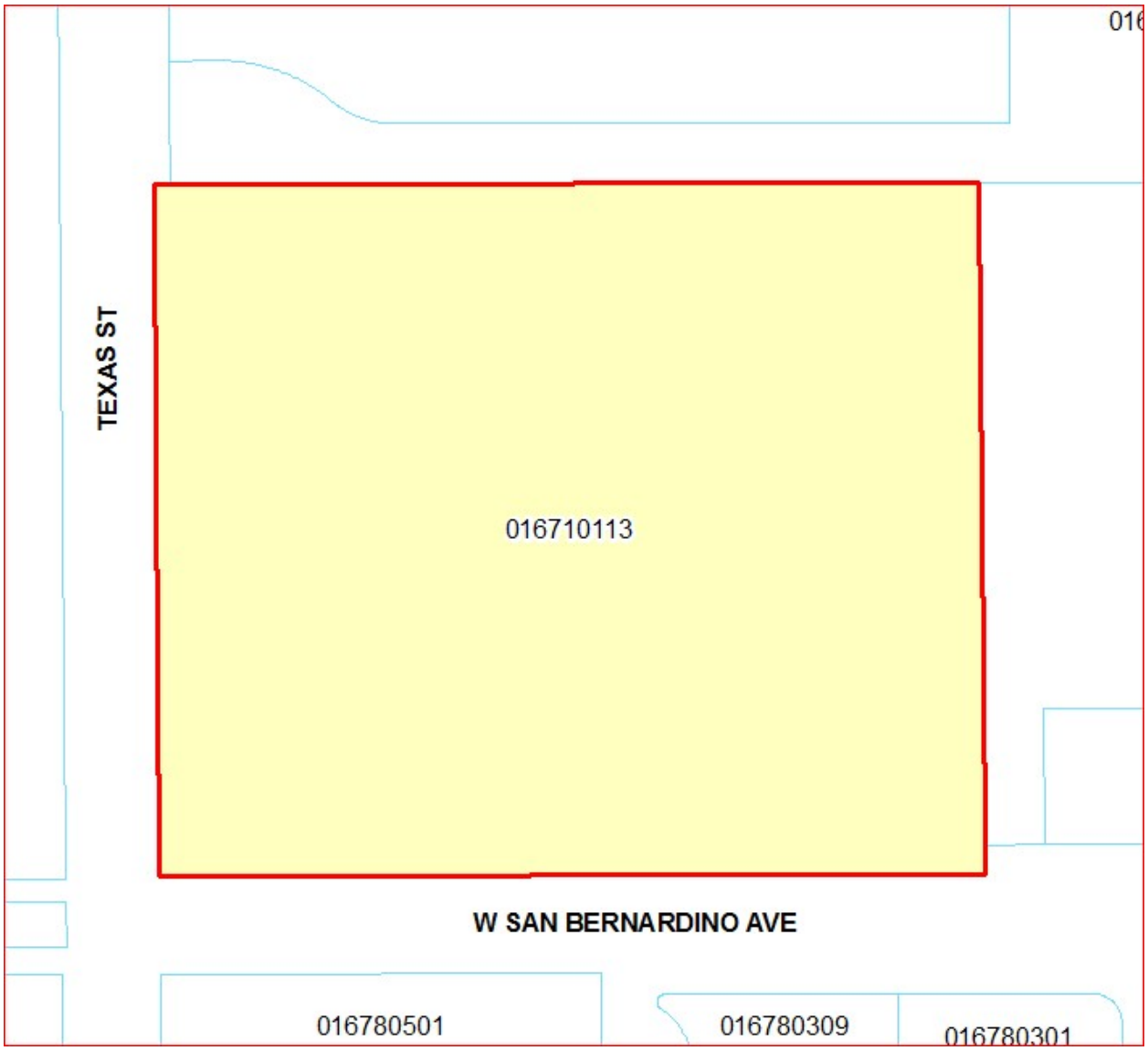
Annexation S7-D



CUP 590

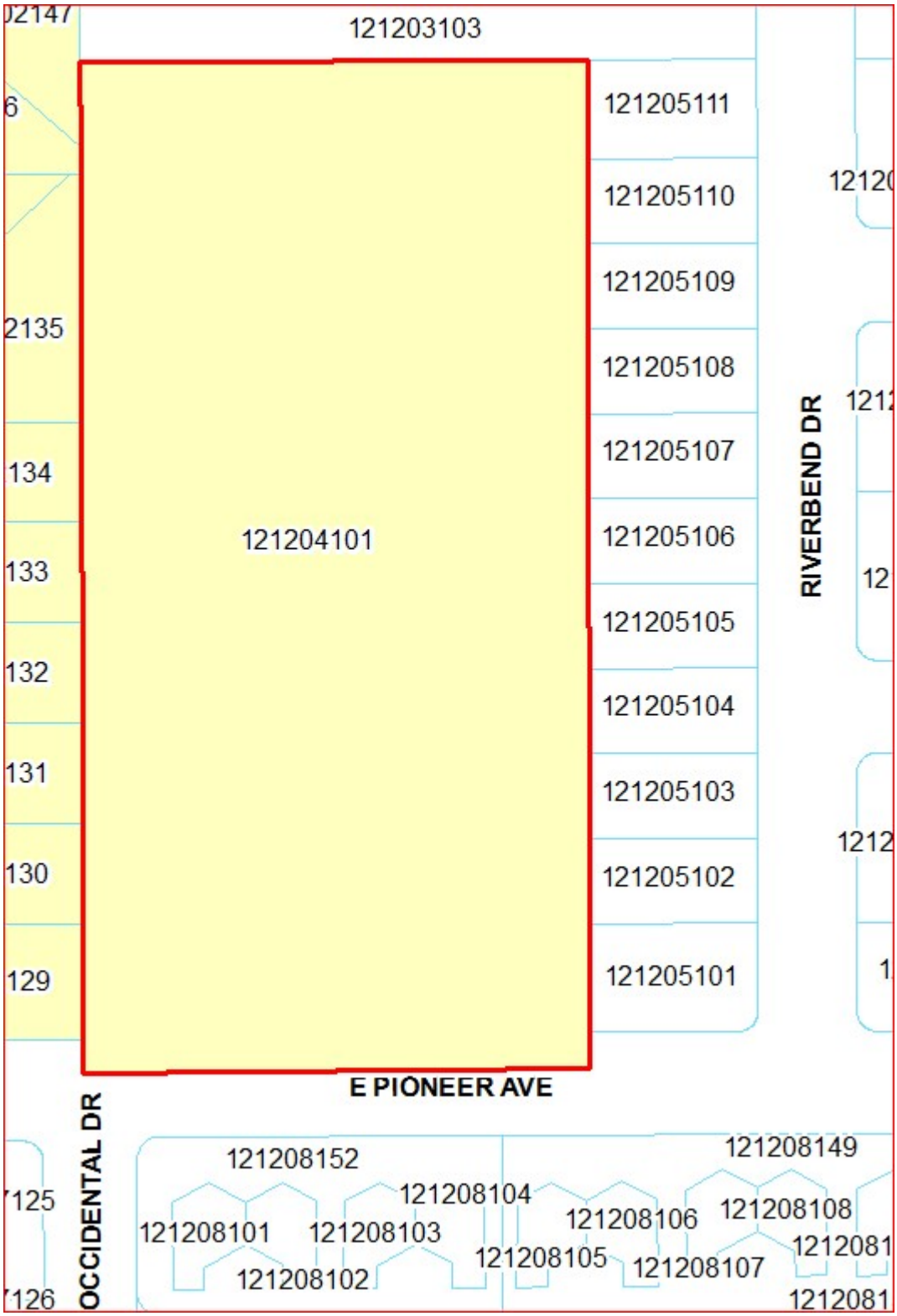
The east half of the property was the original Annexation S7-D when it was a separate parcel.

Annexation S7-E



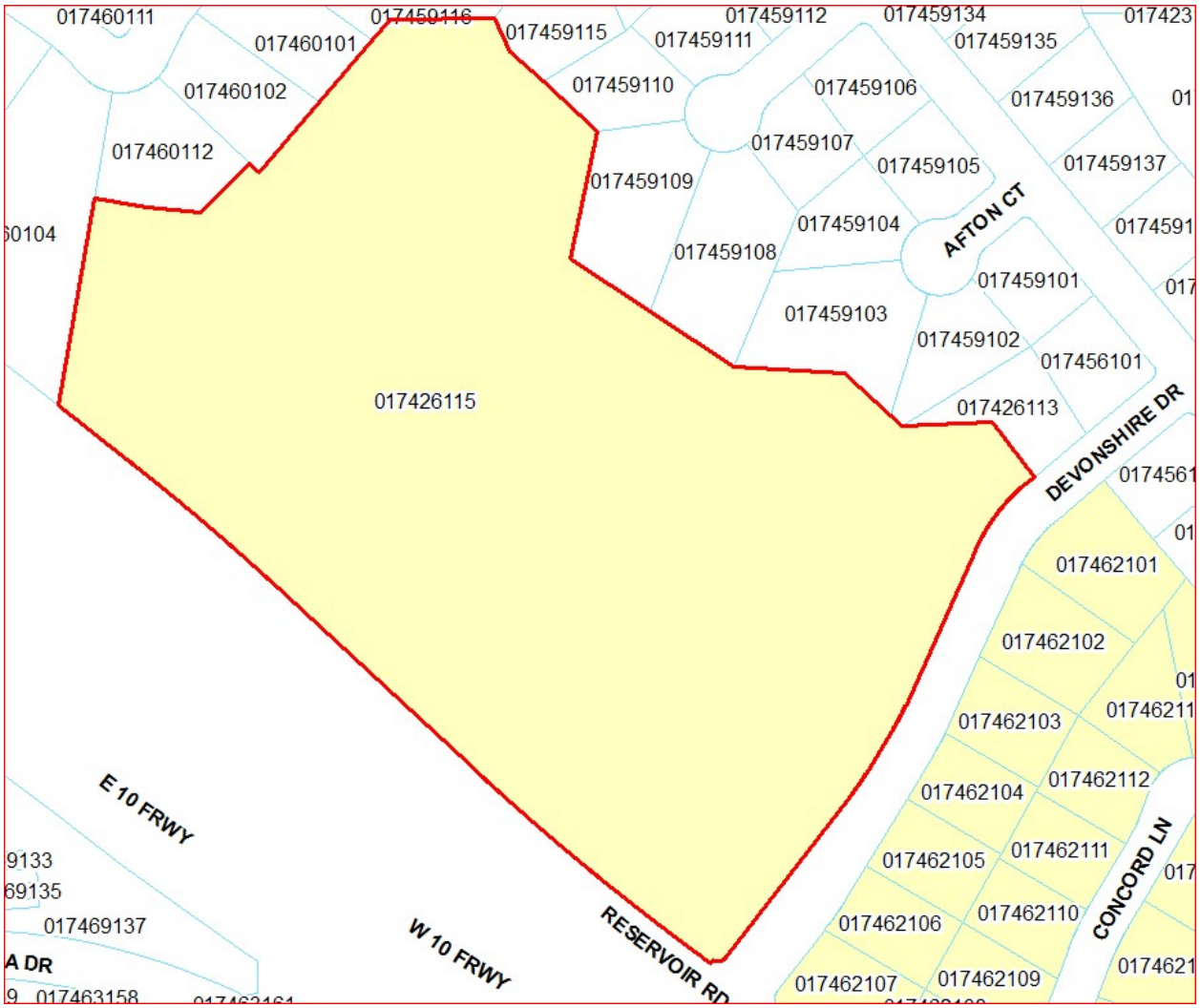
CUP 607

Annexation S7-F



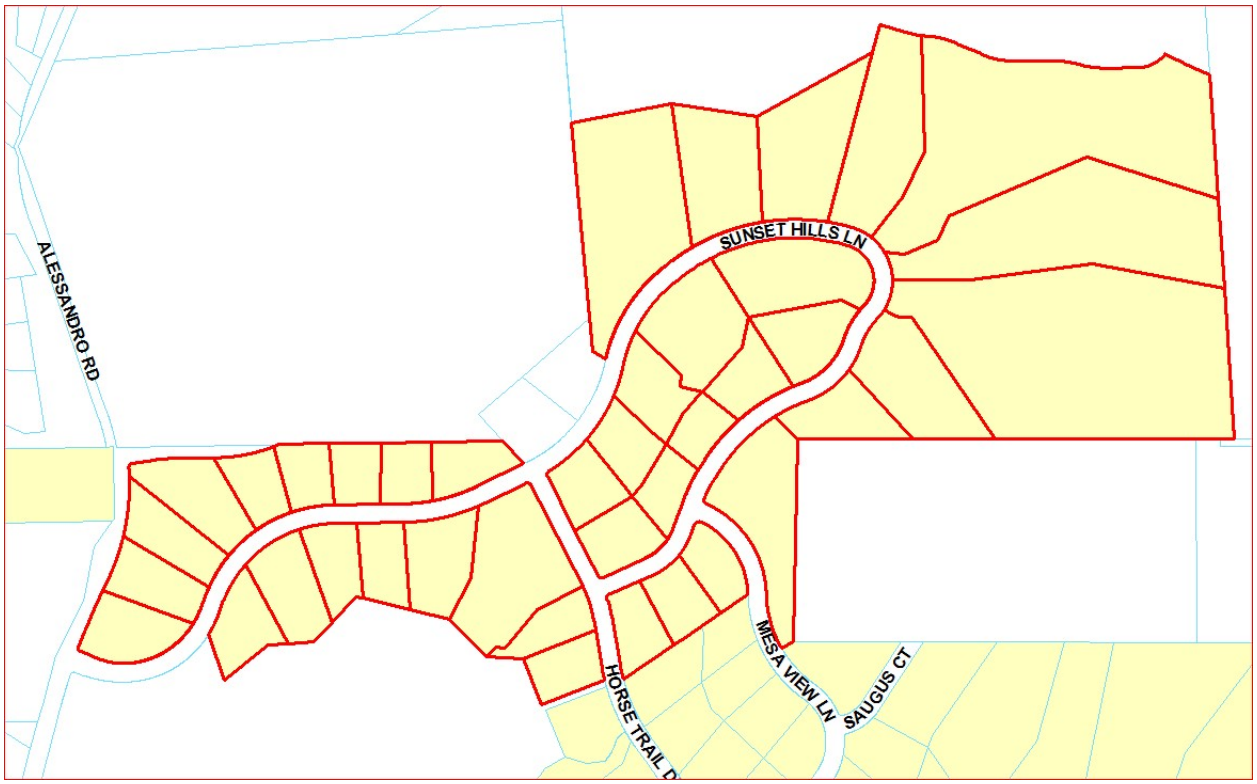
CUP 577

Annexation S7-G



CUP 541

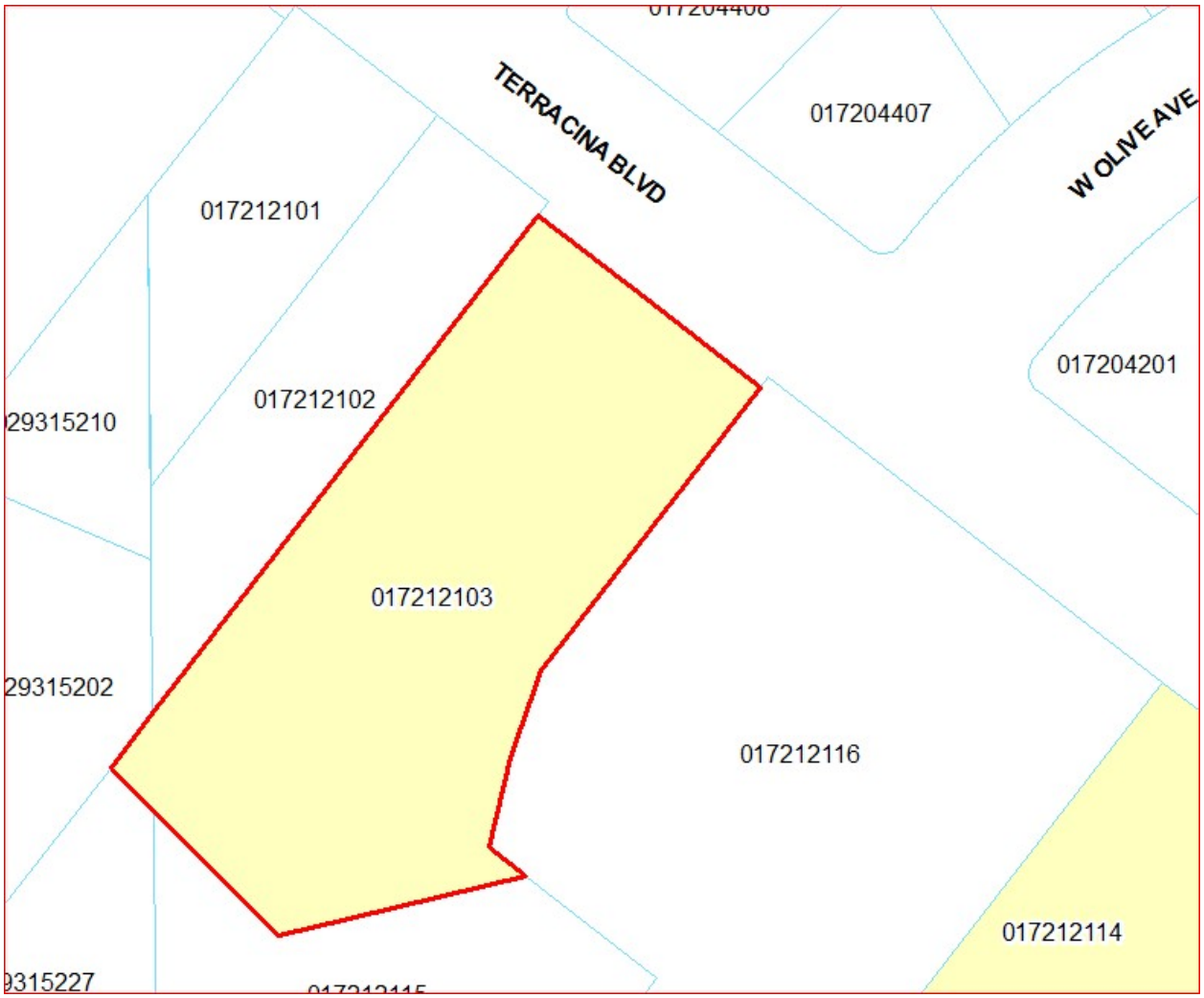
Annexation S7-H



Tract 14790-1

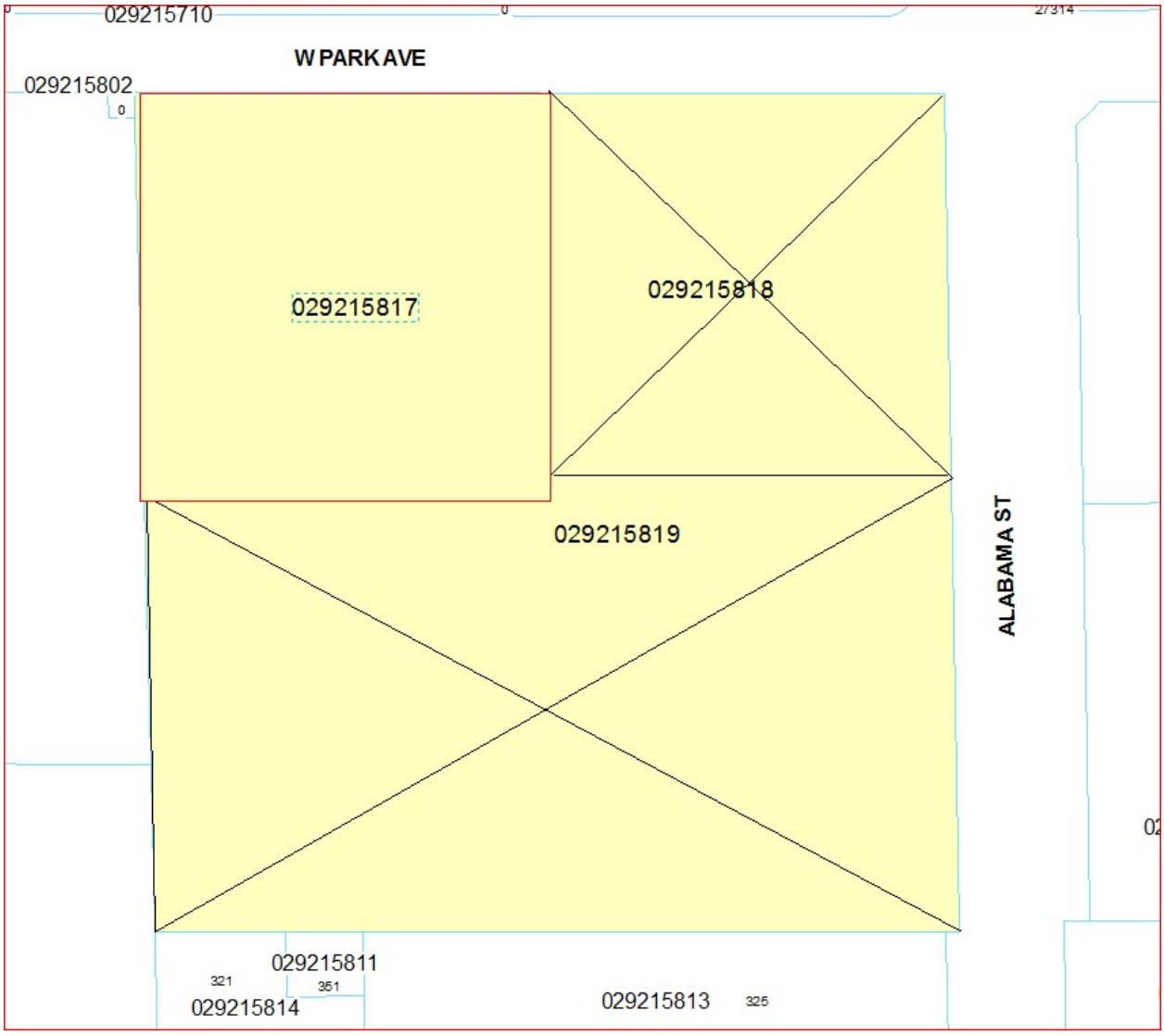
APN 0176-521-01 thru -13, -18 thru -23, -27 thru -32
APN 0176-531-01 thru -03, -07 thru -09, -12, -13, -18, -20 thru -22, -24 thru -26

Annexation S8-A



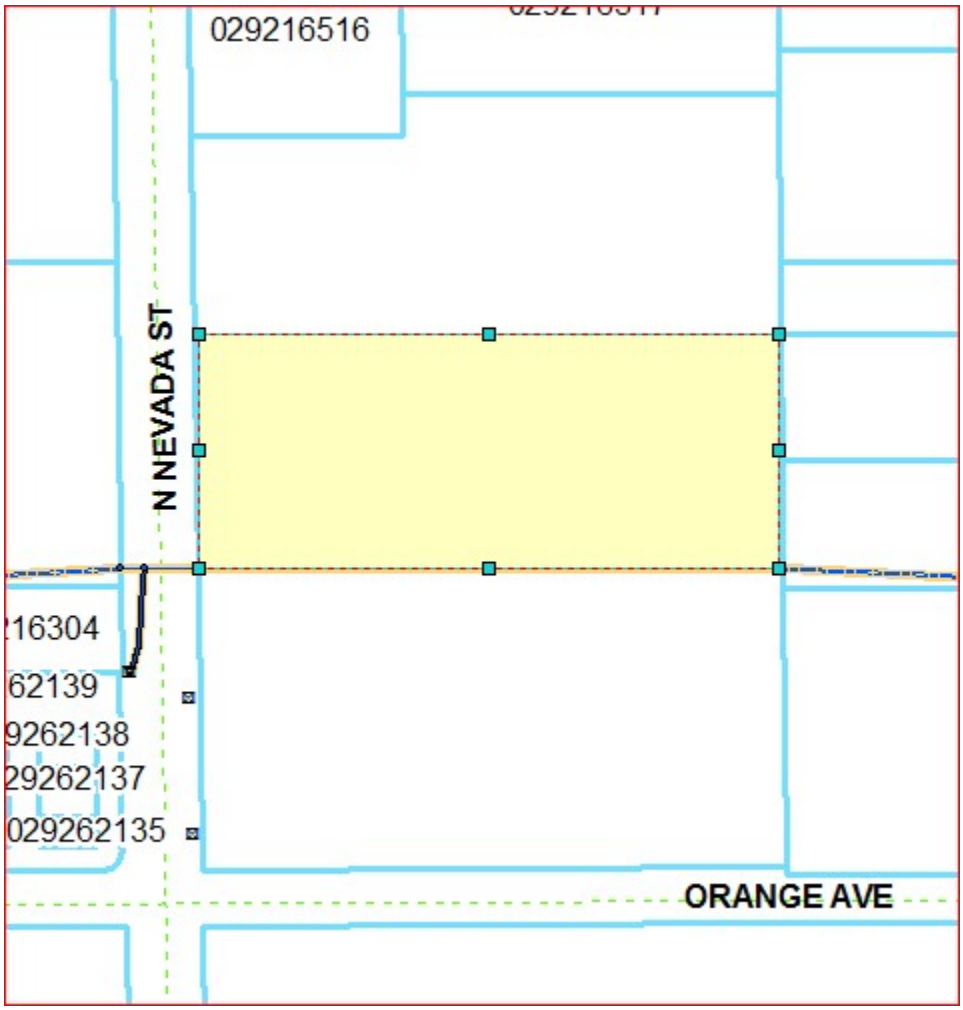
CUP 584

Annexation S8-B



CRA 666

Annexation S8-C, CUP 616



The portion of this parcel that was Annexation S-8C is no longer assessed.

Annexation S9-A

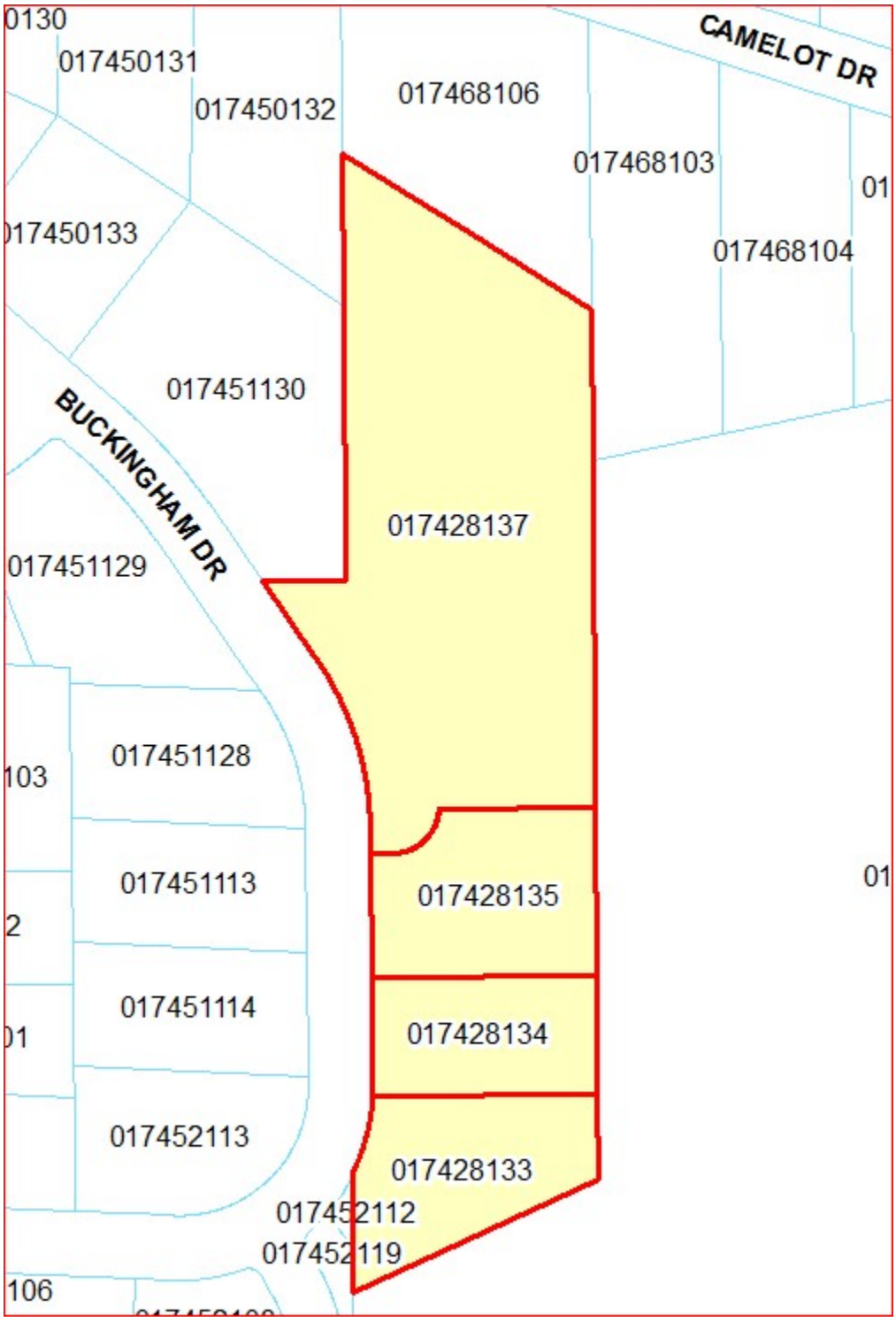


Tract 15589

Assessor's Parcel Numbers

0293-421-01 thru -45

Annexation S9-B

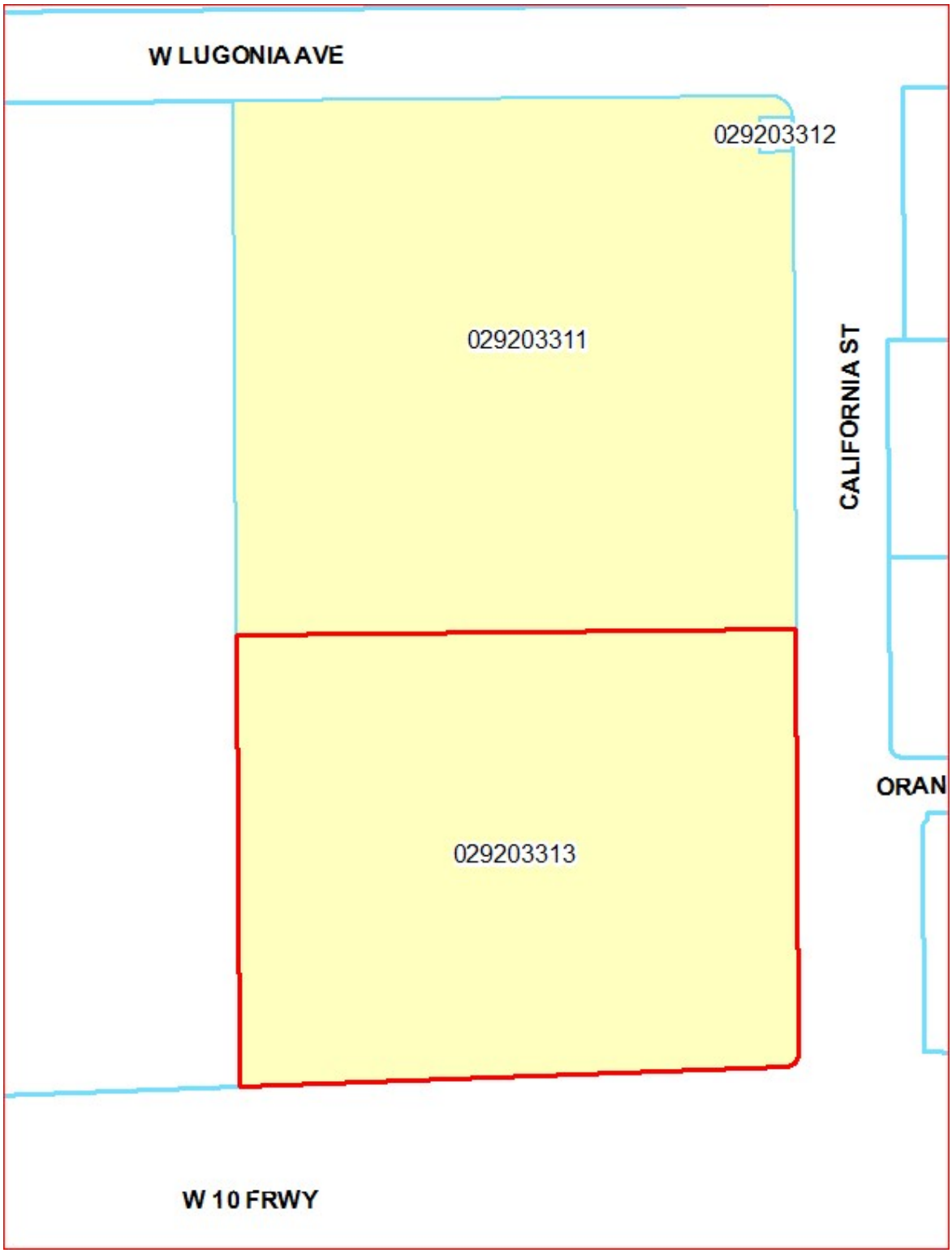


MS 221, Parcel Map 14285

Annexation S9-C

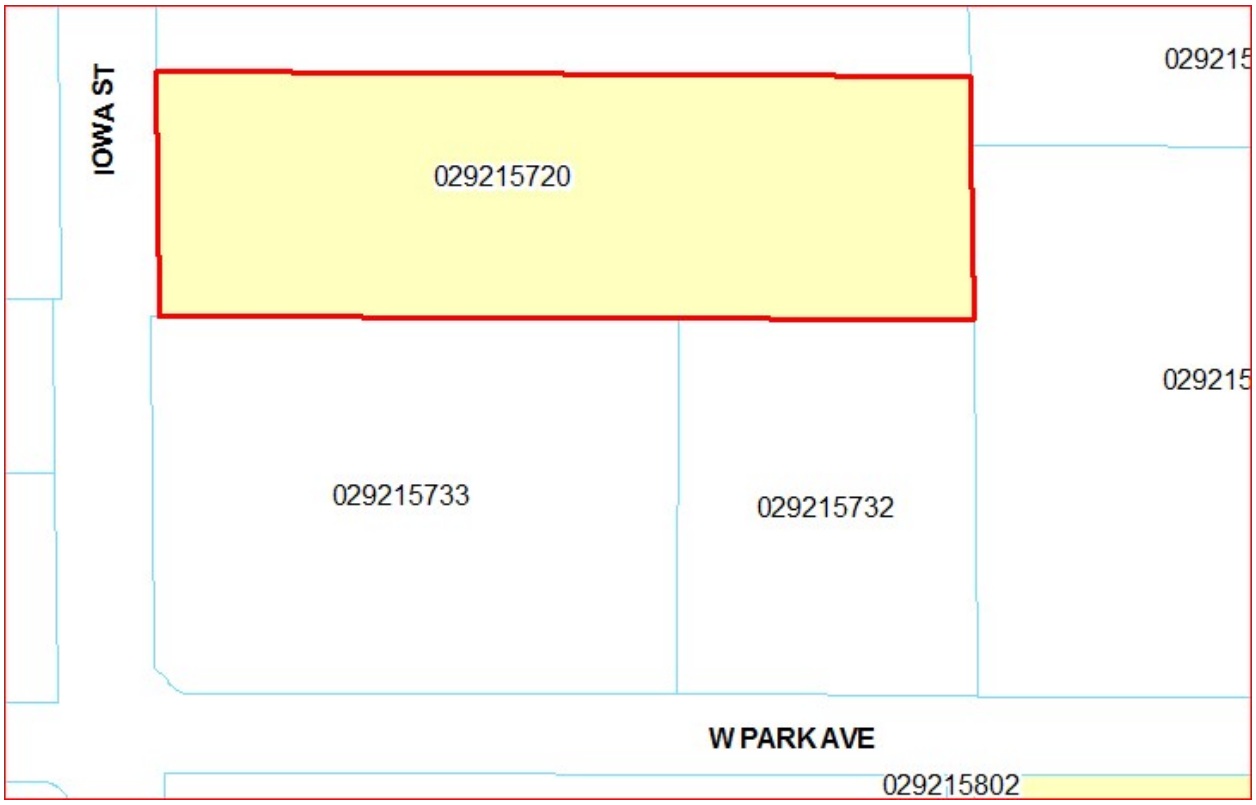
There is no Annexation S9-C.

Annexation S9-D



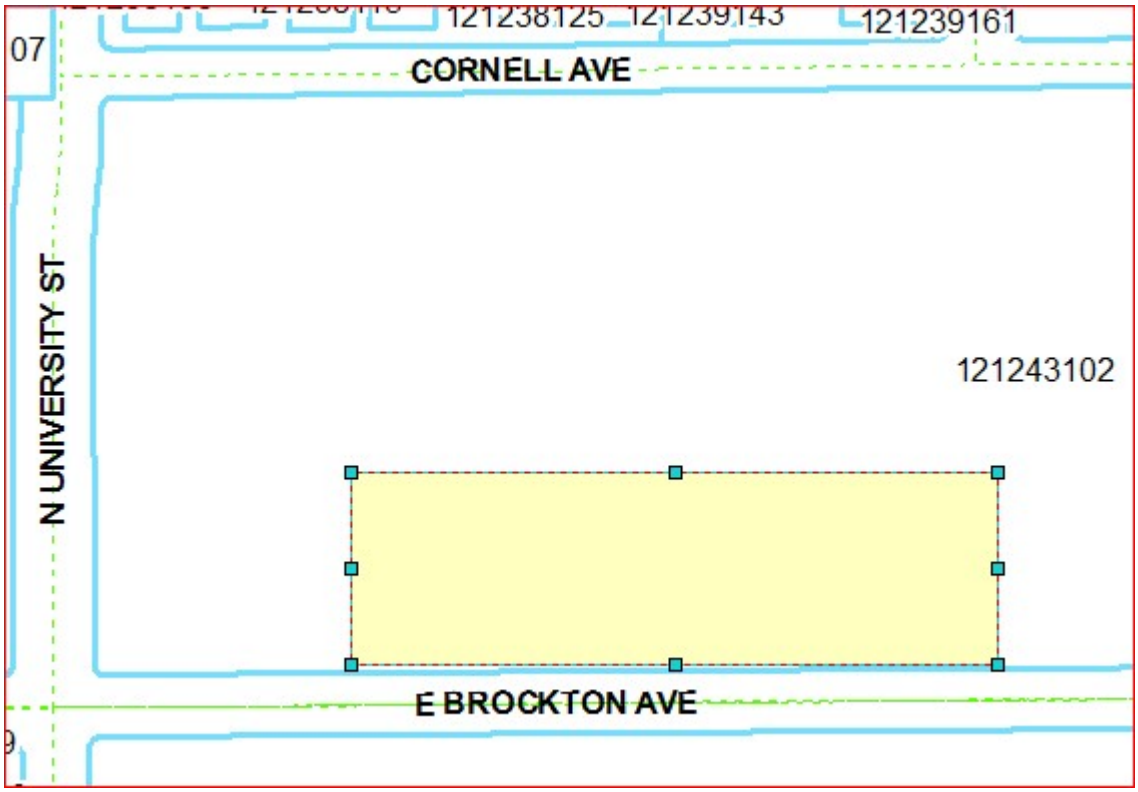
CUP 617

Annexation S9-E



CRA 670

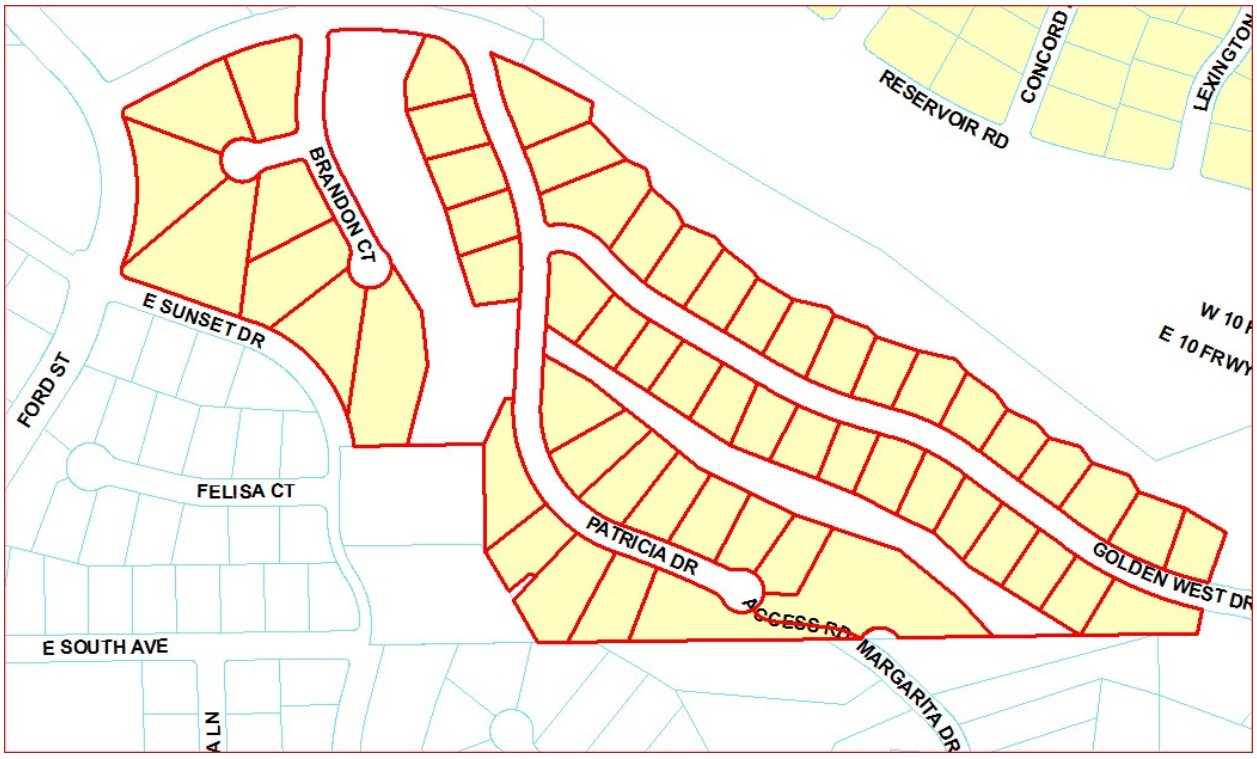
Annexation S9-F



CUP 629

Boundary of area of original annexation is shown. That parcel has since been incorporated into the larger parcel.

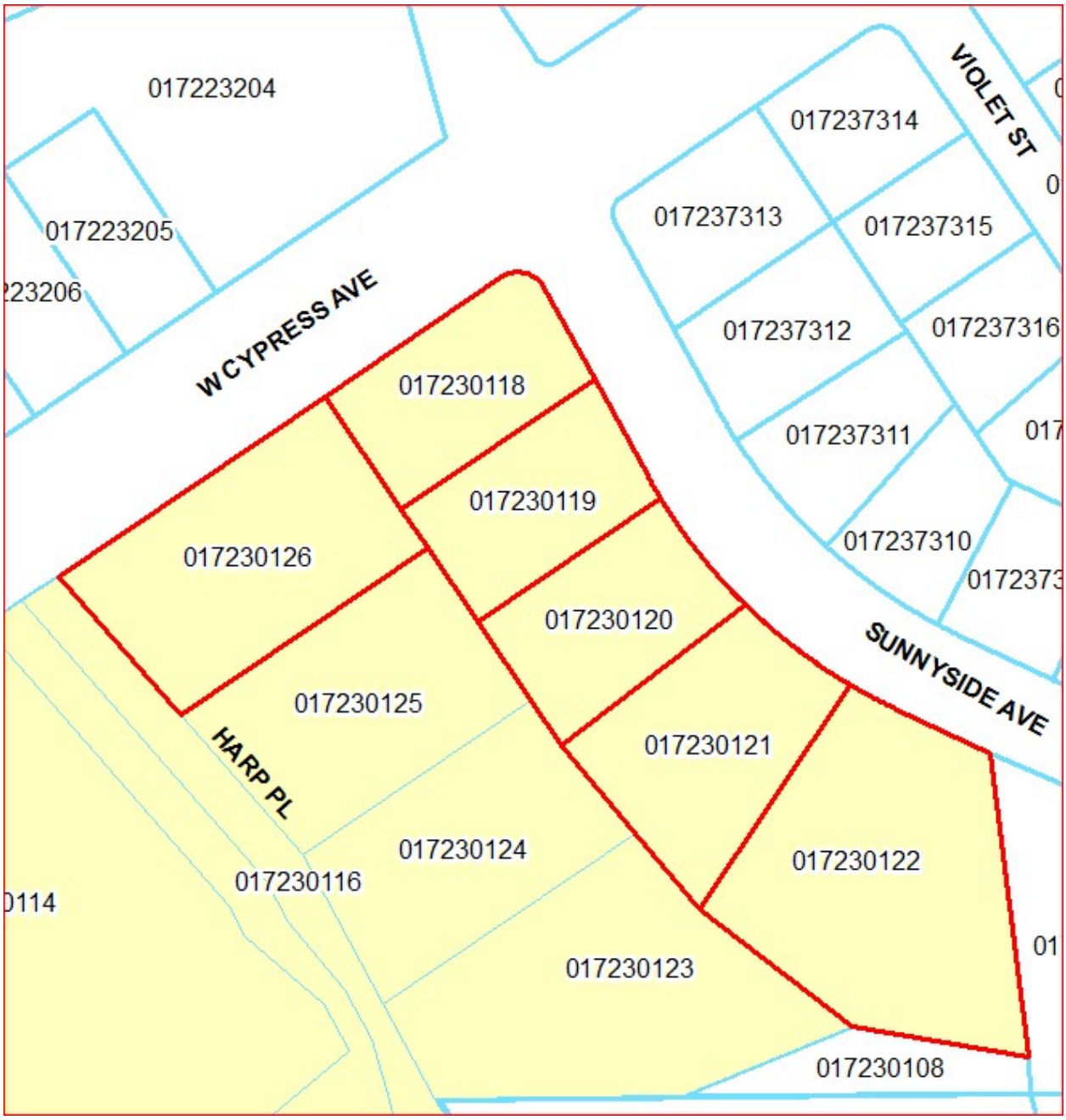
Annexation S10-A



Tract 15040

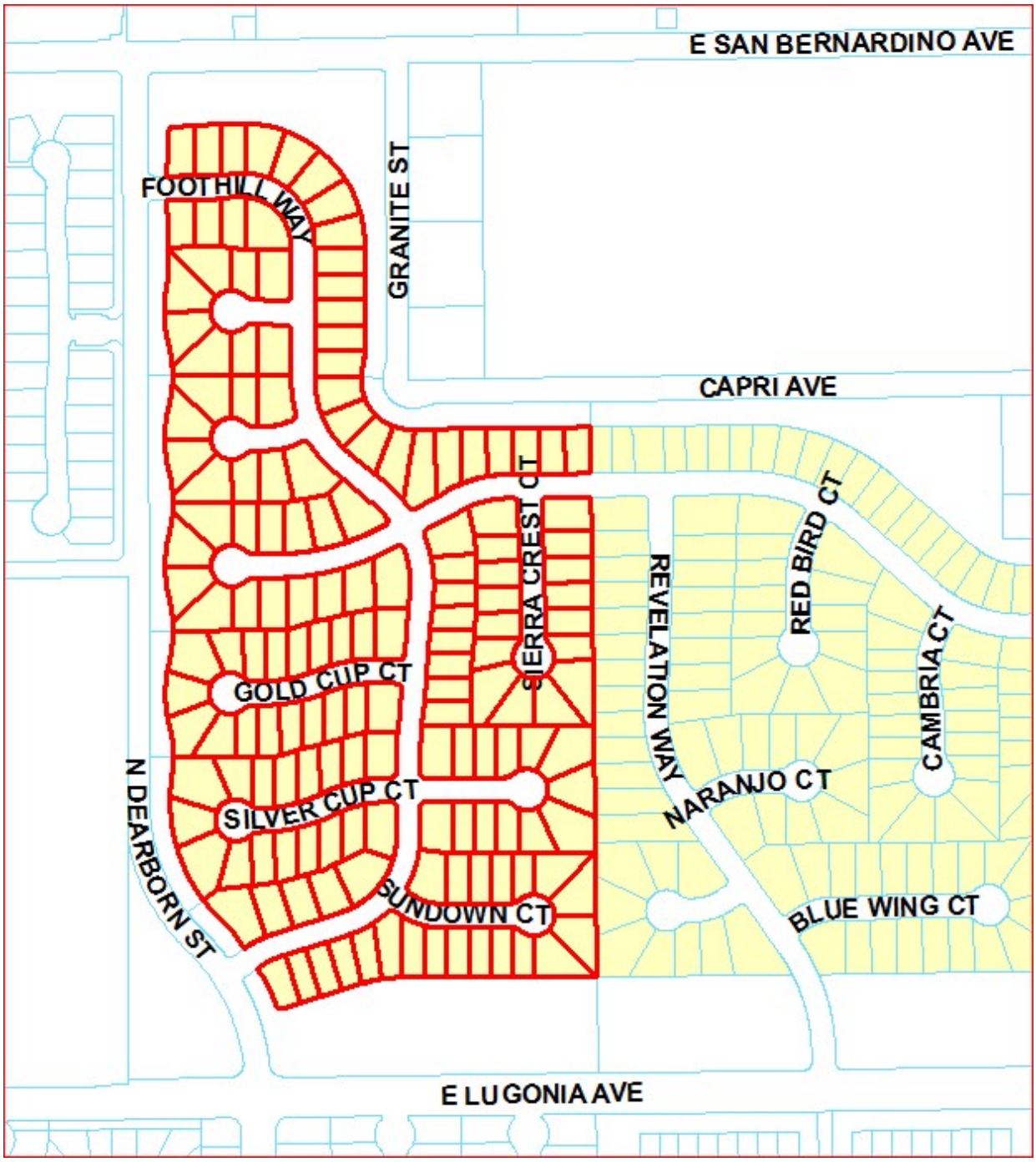
APN 174-631-01 thru -09, -11 thru -35
APN 174-631-37 thru -58
APN 0174-631-63, -64

Annexation S10-B



Tract 15832

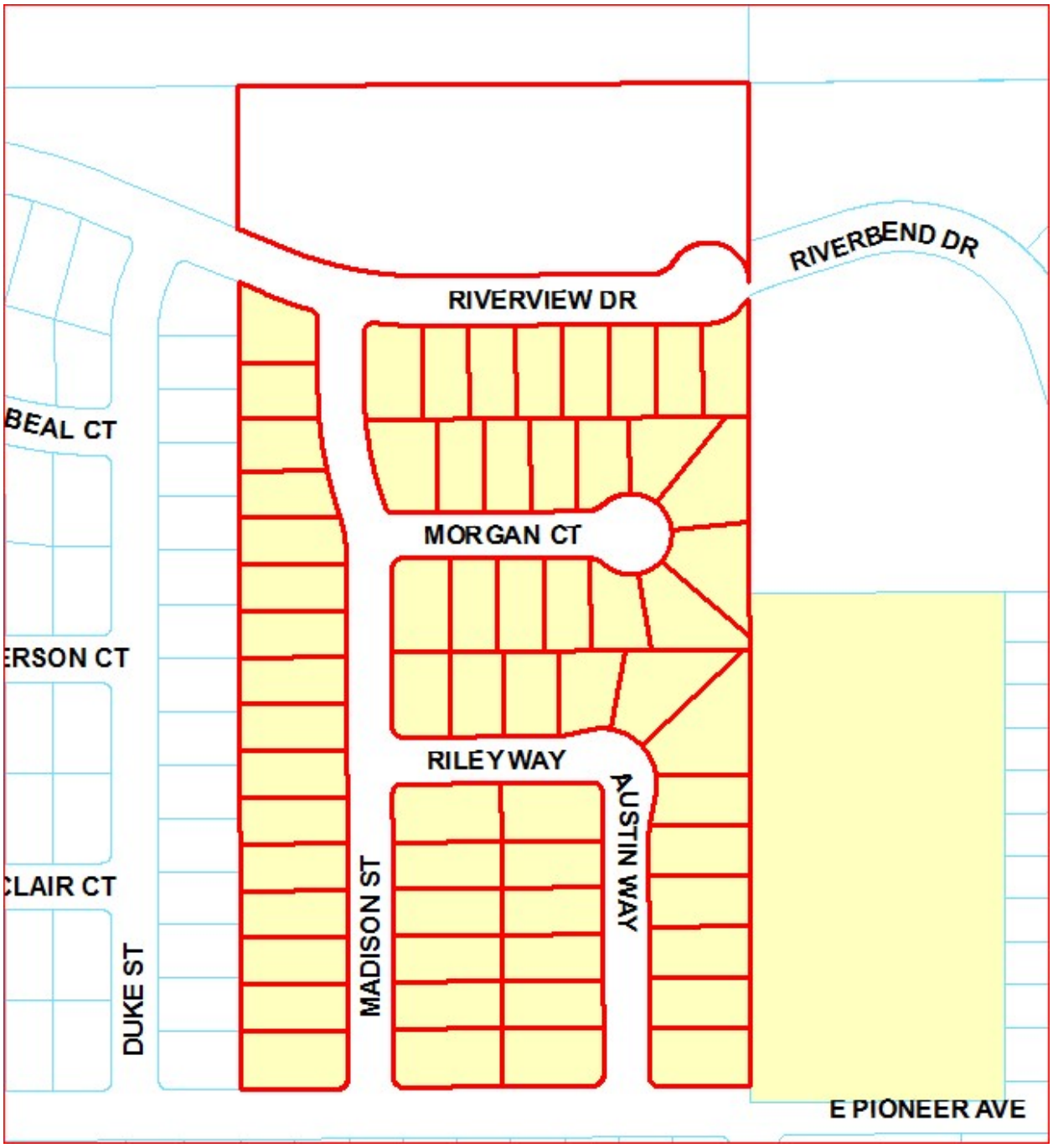
Annexation S10-C



Tract 15937

APN 0168-731-01 thru -25
APN 0168-741-01 thru -78
APN 0168-751-01 thru -56

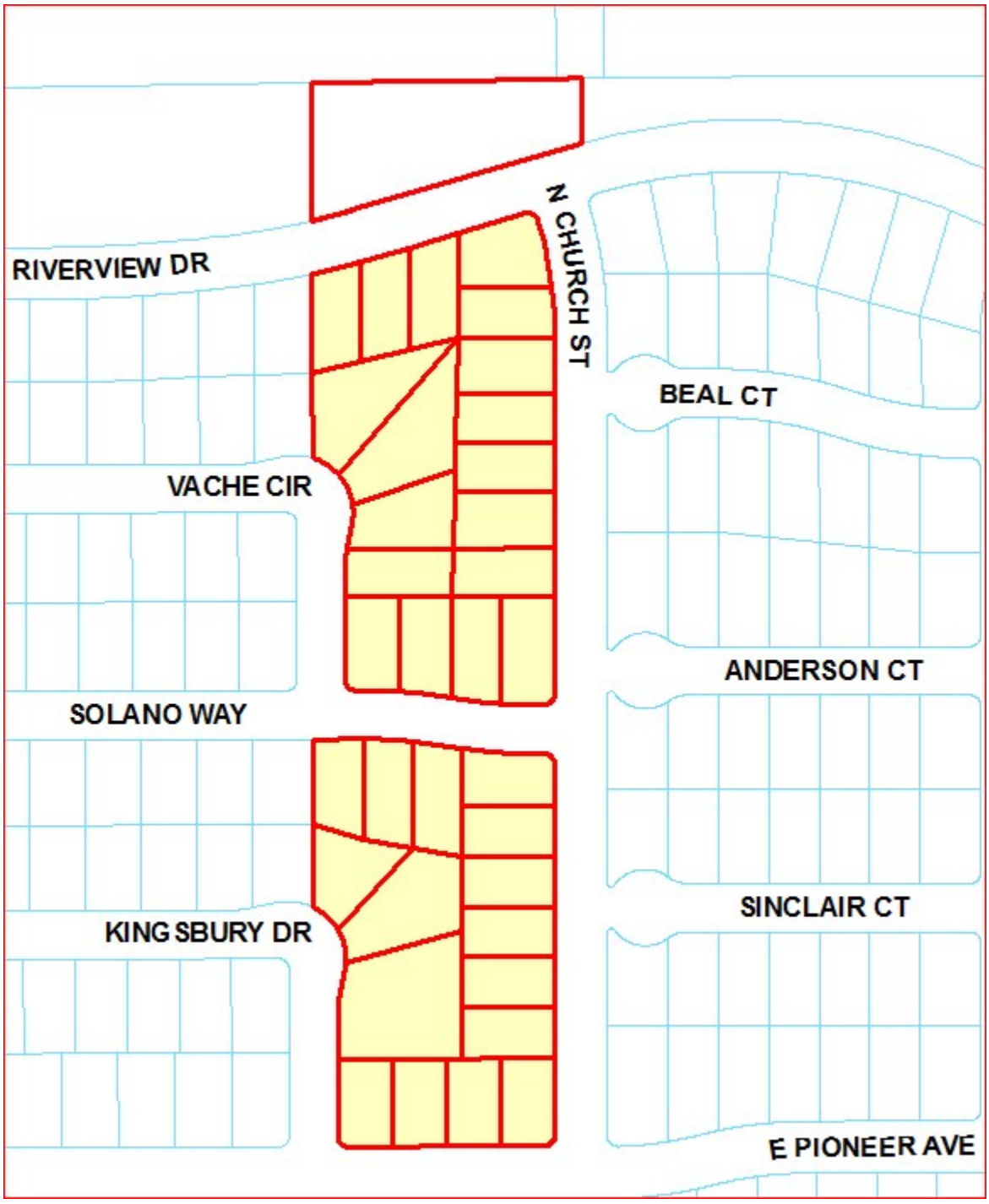
Annexation S10-D



Tract 16015

APN 168-761-01 thru 168-761-62

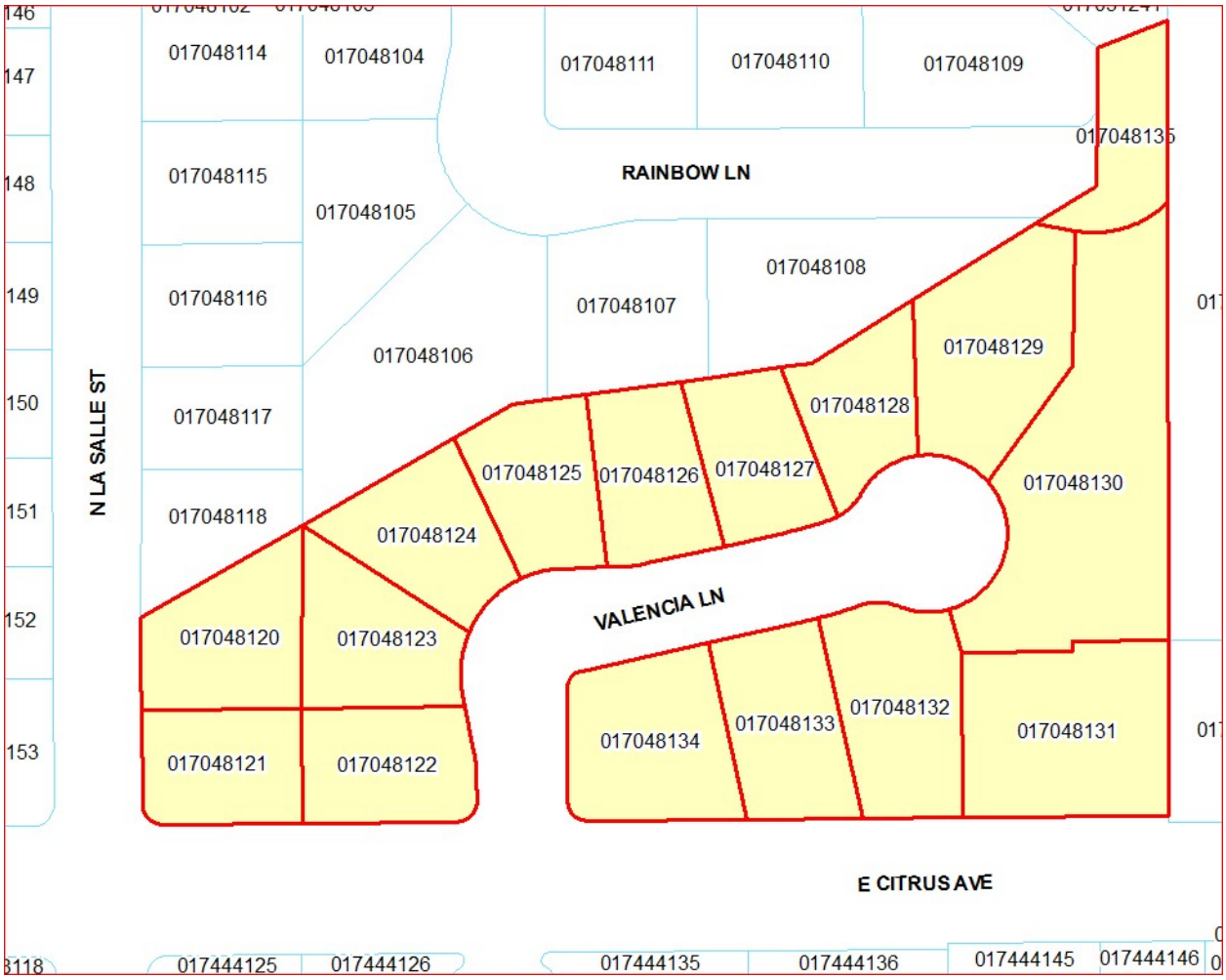
Annexation S10-E



Tract 16029

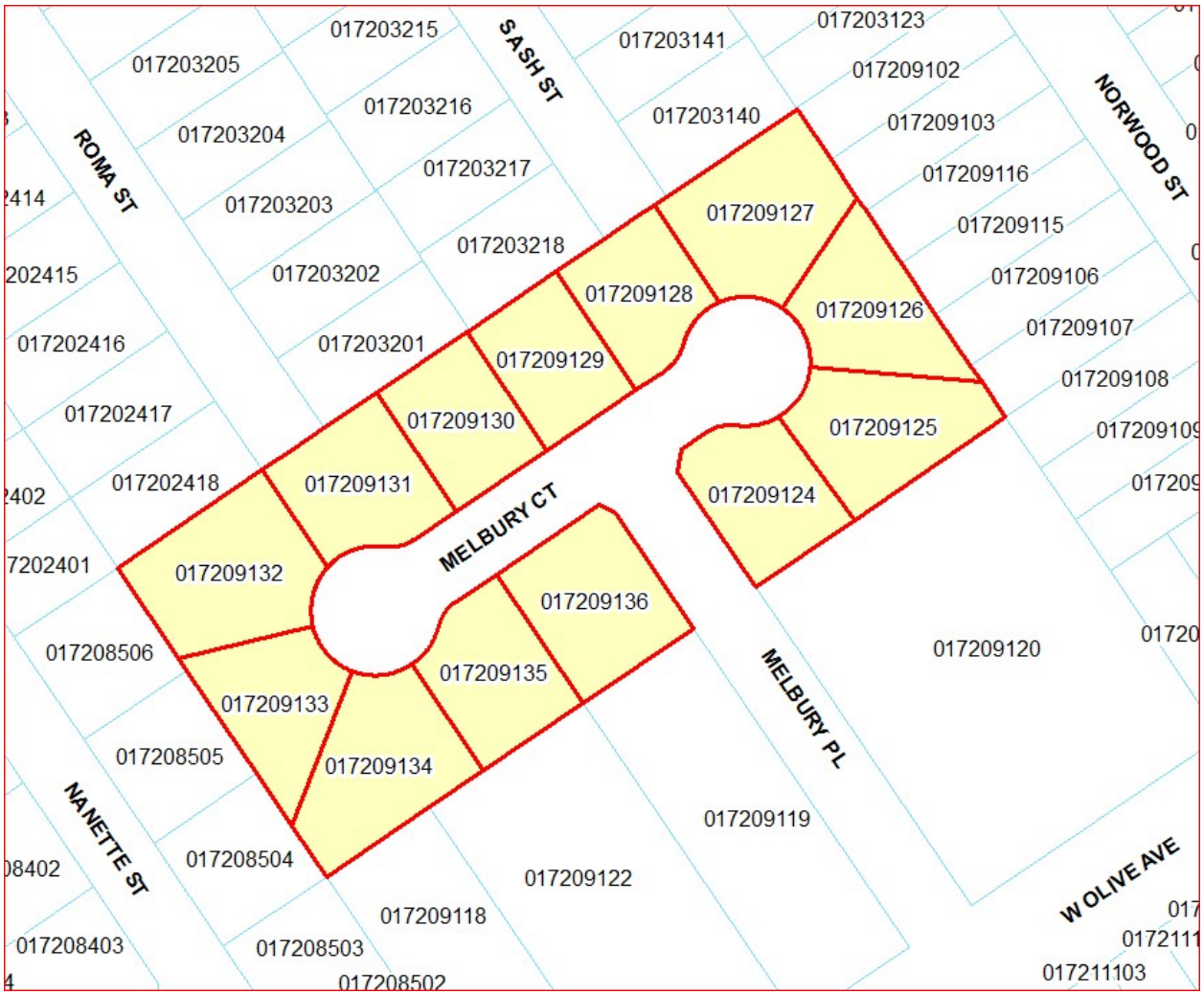
APN 167-081-13 thru 167-081-45

Annexation S10-F



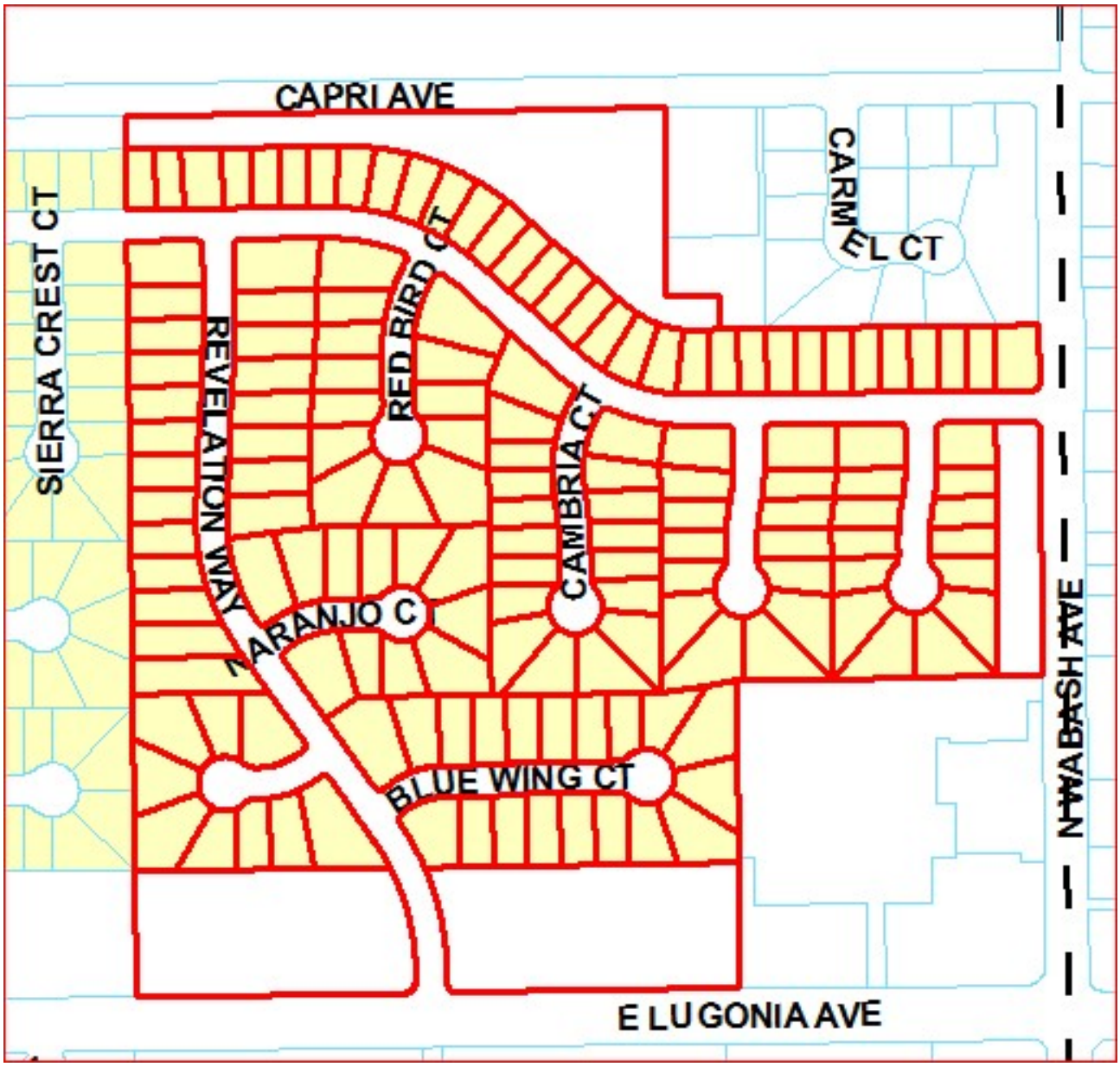
Tract 16032

Annexation S10-G



Tract 16082

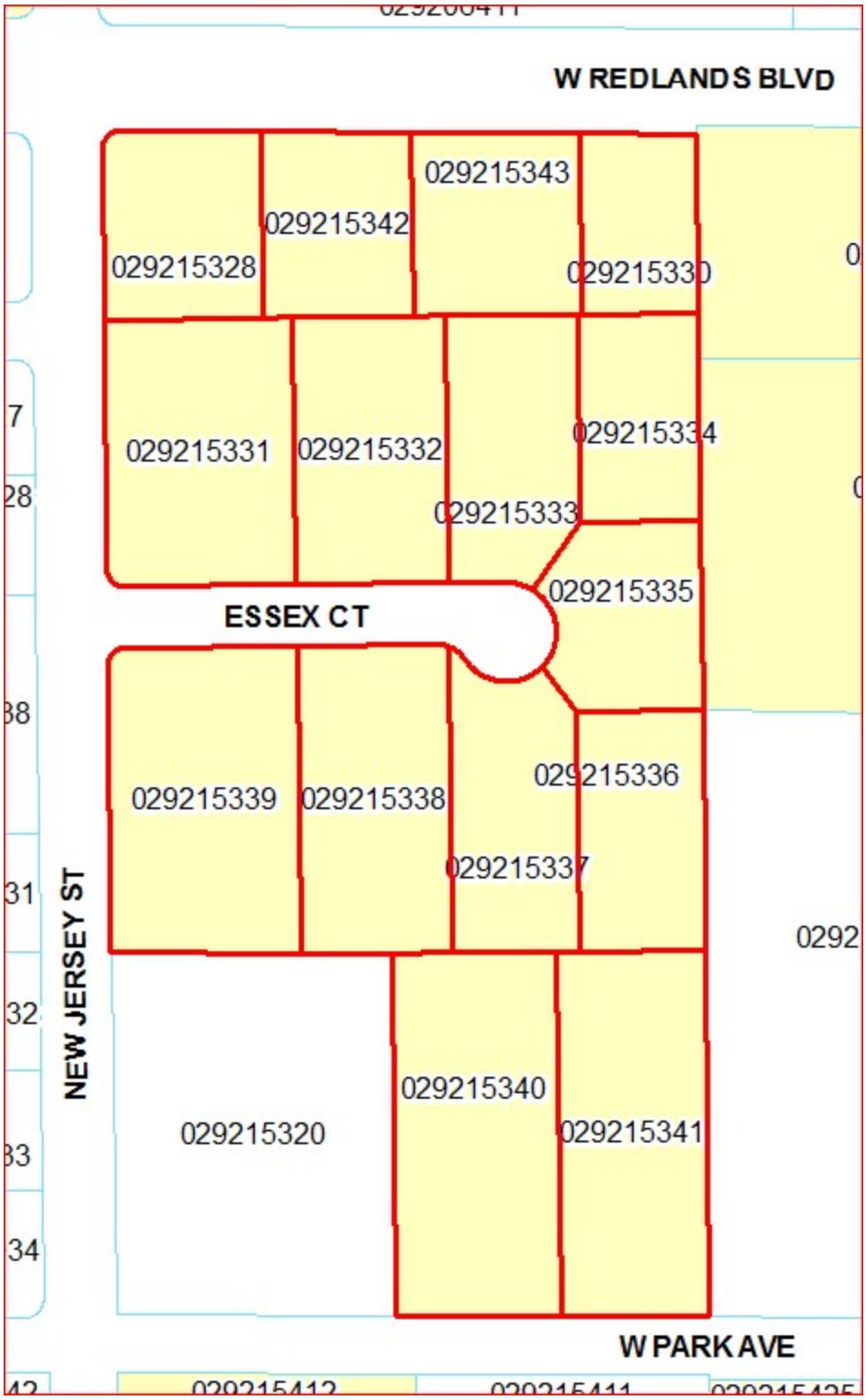
Annexation S10-H



Tract 16101

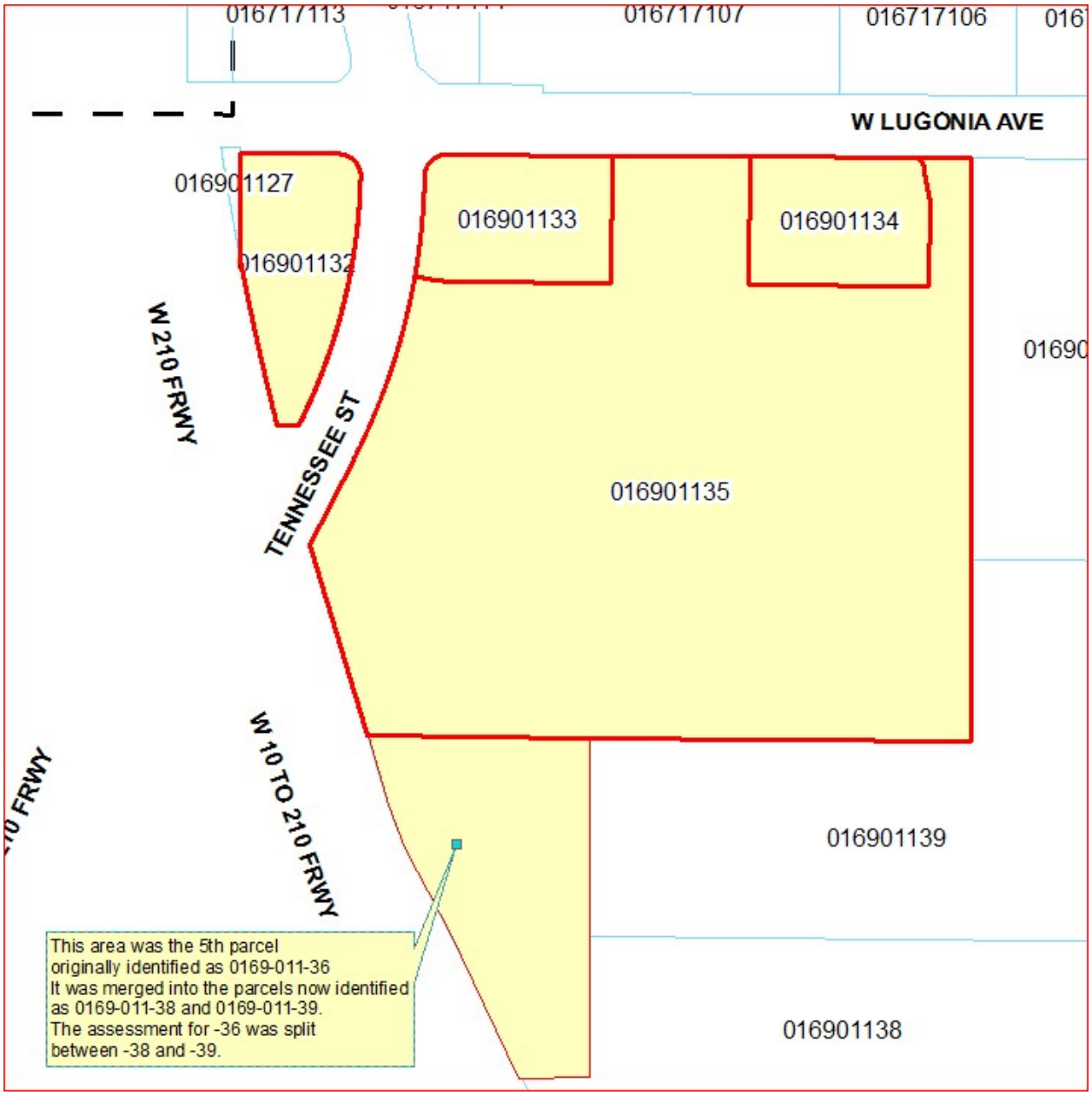
APN 168-771-01 thru -50
APN 168-761-01 thru -34
APN 168-791-01 thru -28
APN 168-801-01 thru -38

Annexation S10-I



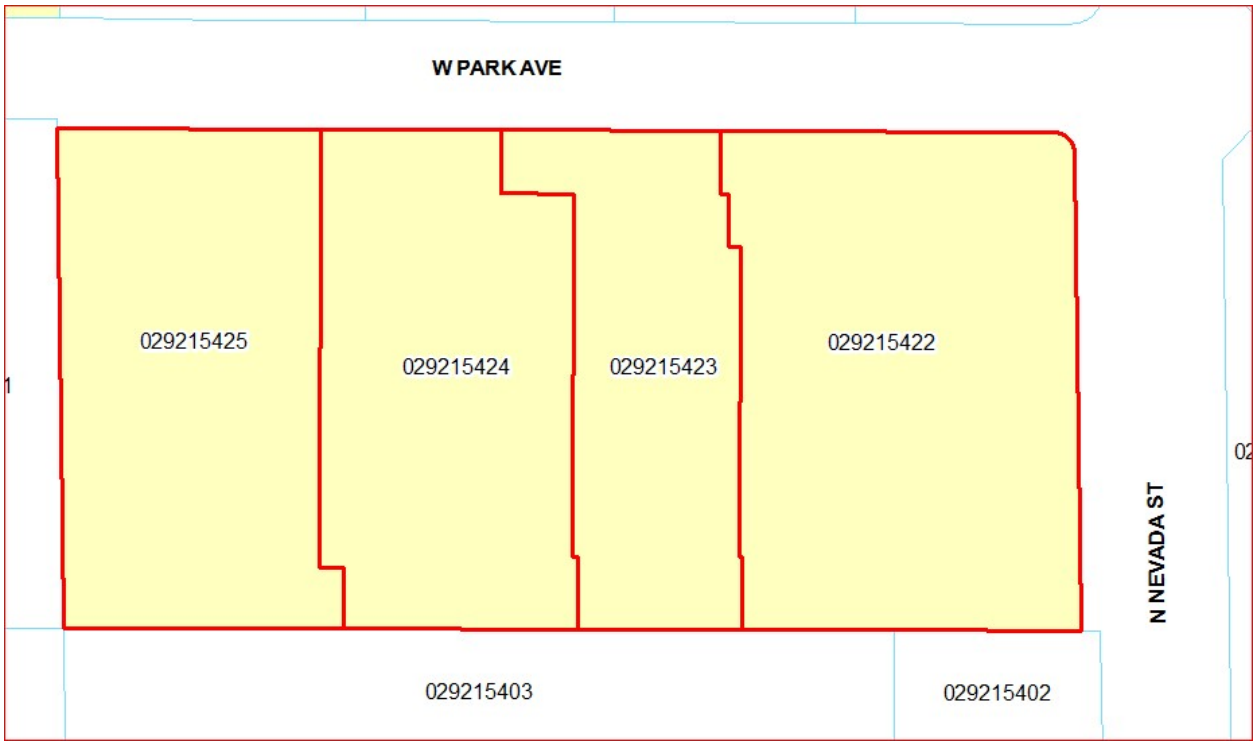
Parcel Map 15530 and Parcel Map 15617

Annexation S10-J



Parcel Map 15492

Annexation S10-K

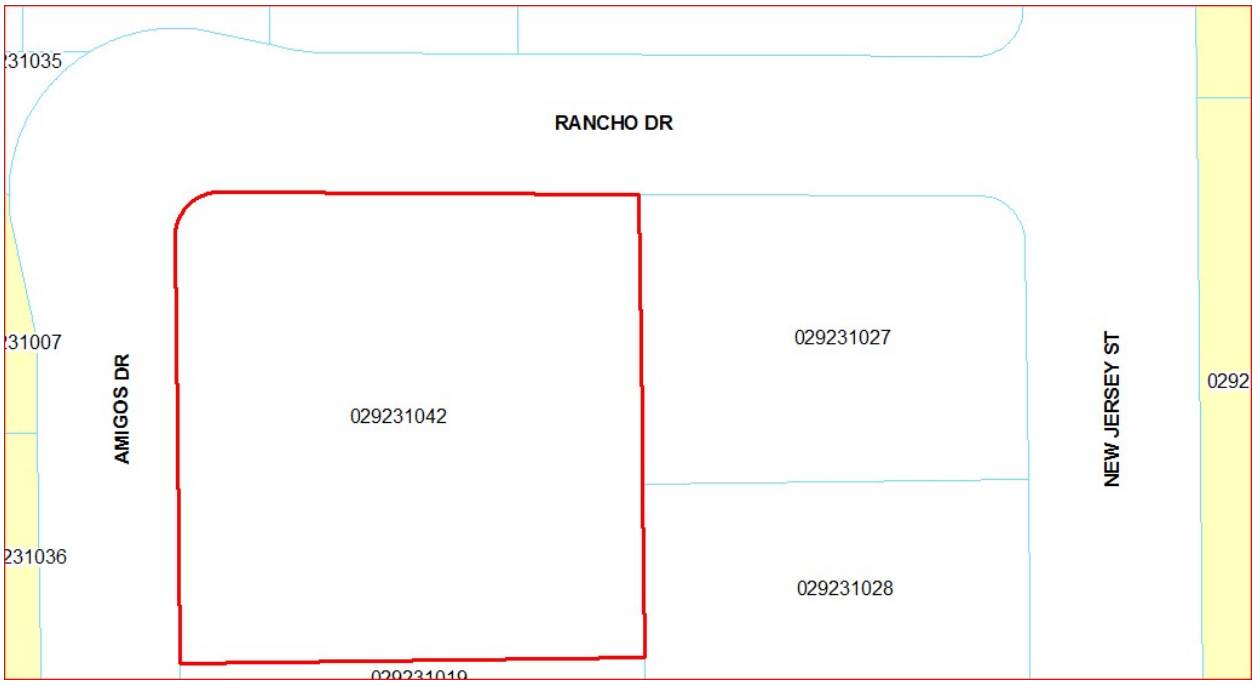


CRA 720

Annexation S10-L

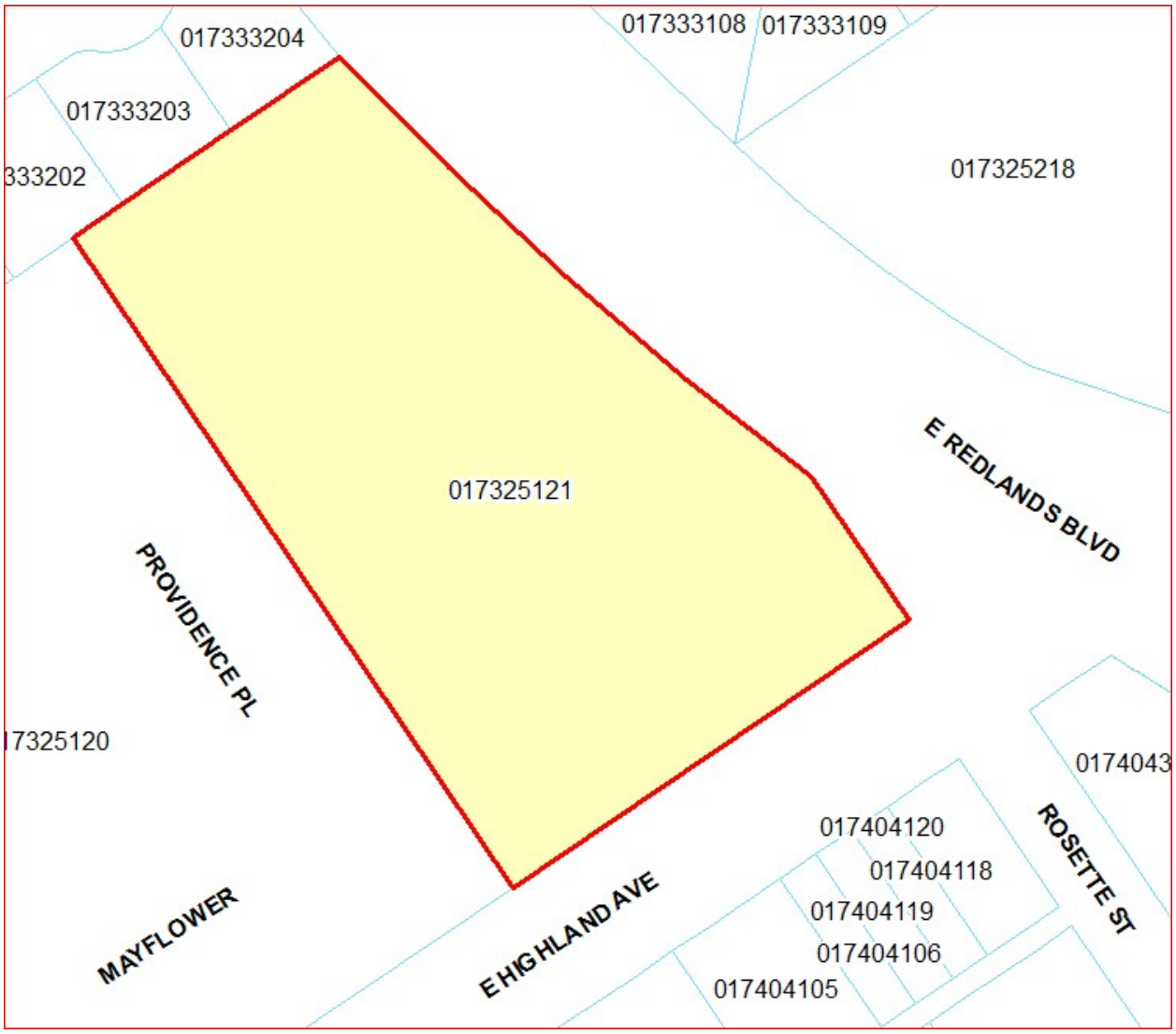
There is no Annexation S10-L

Annexation S10-M



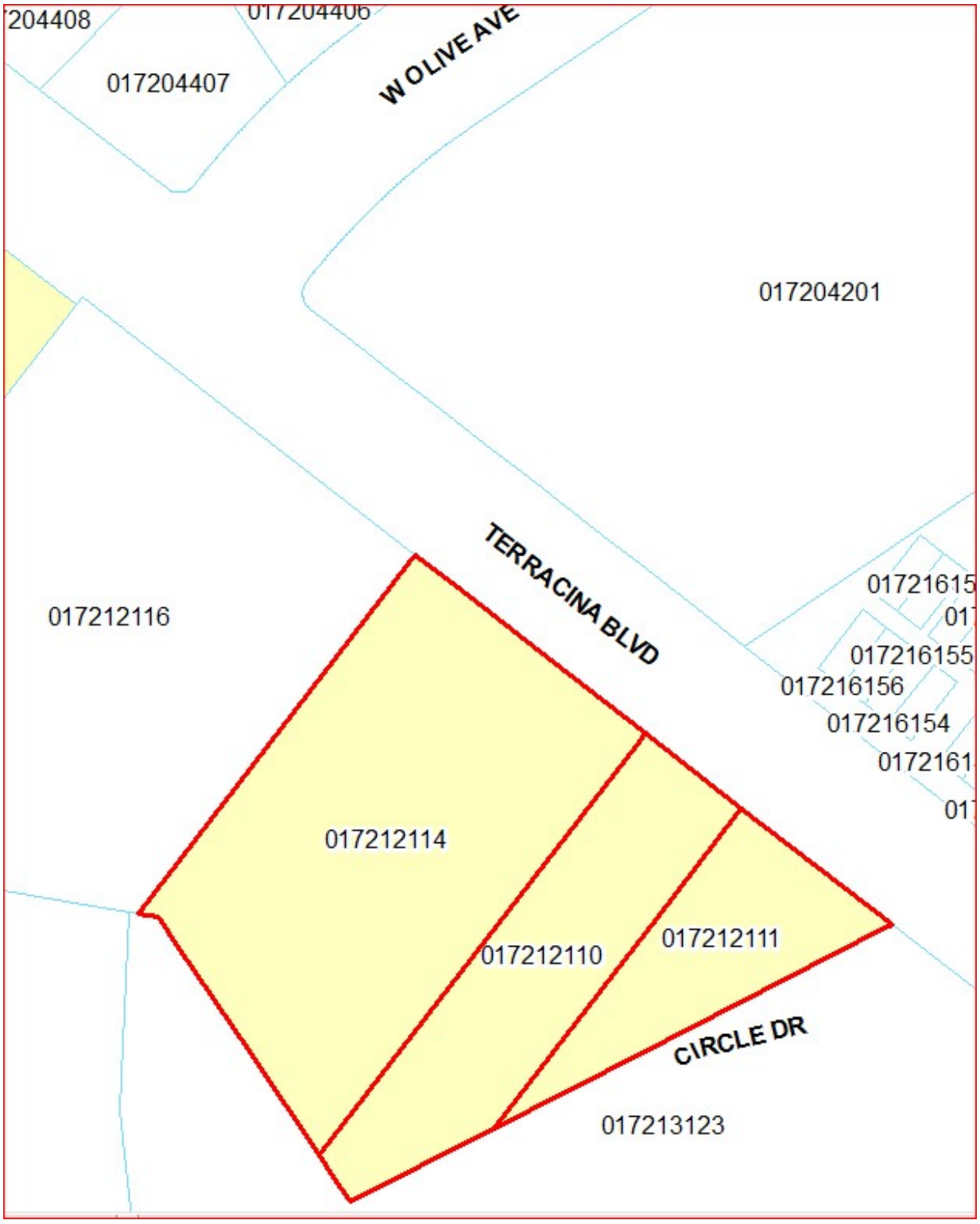
CRA 679

Annexation S10-N



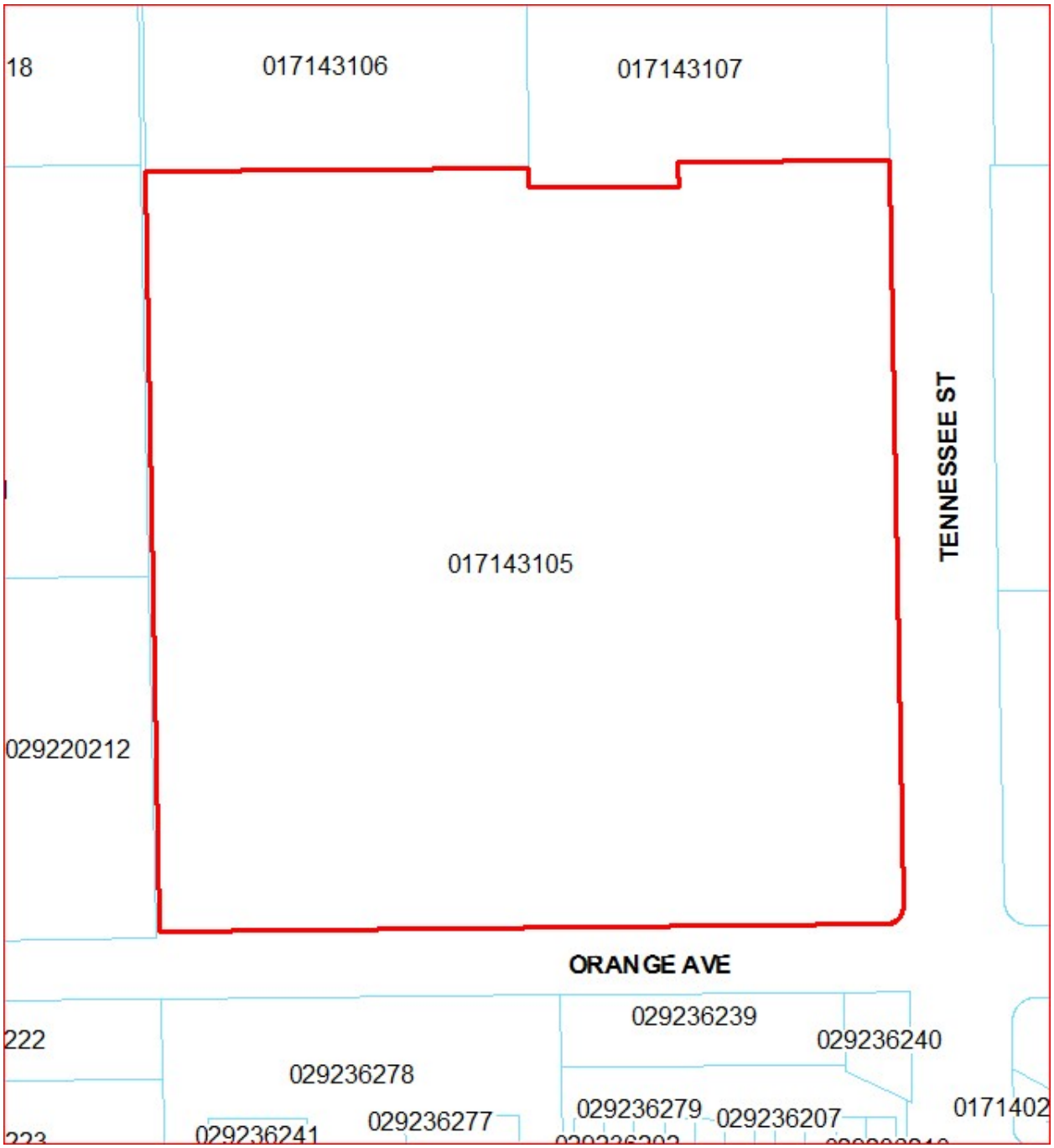
CUP 35, Rev. 2

Annexation S10-O



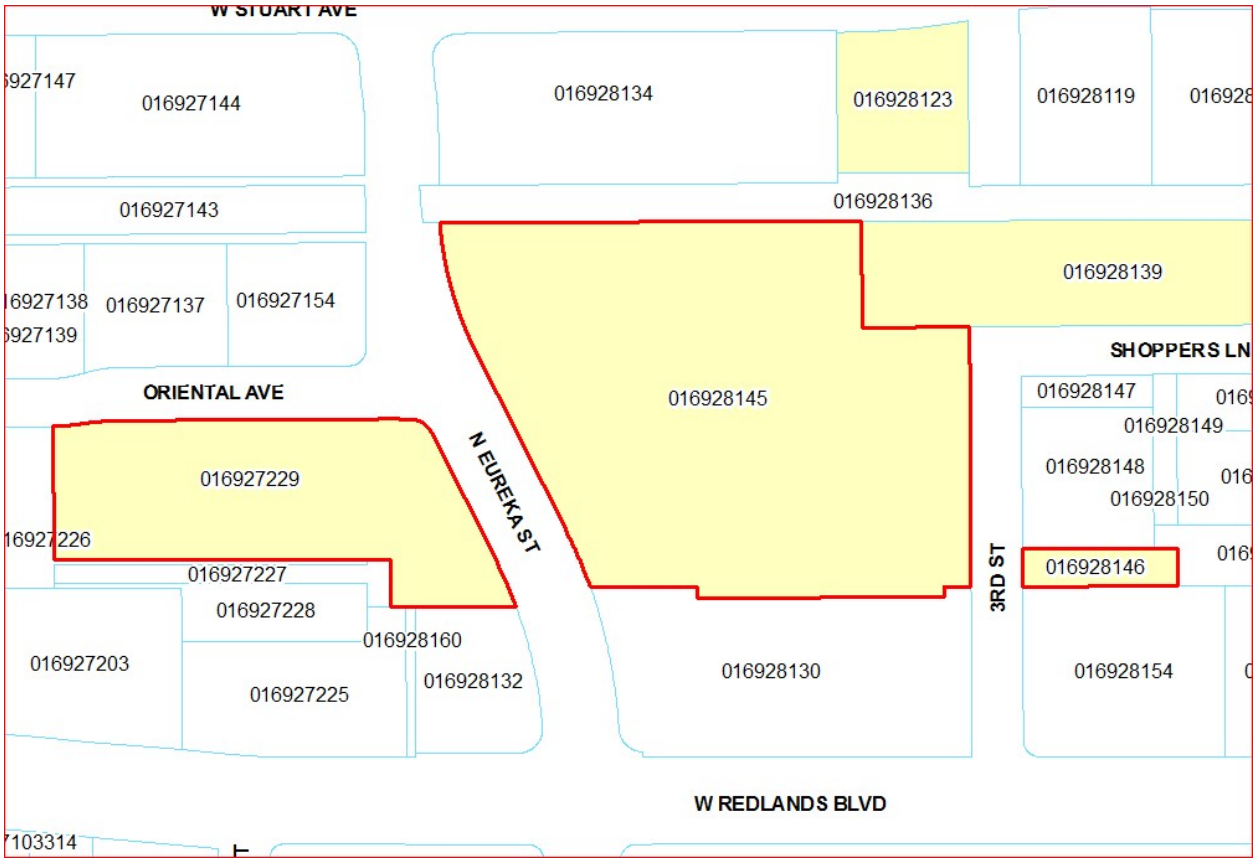
CUP 355, Rev 8

Annexation S10-P



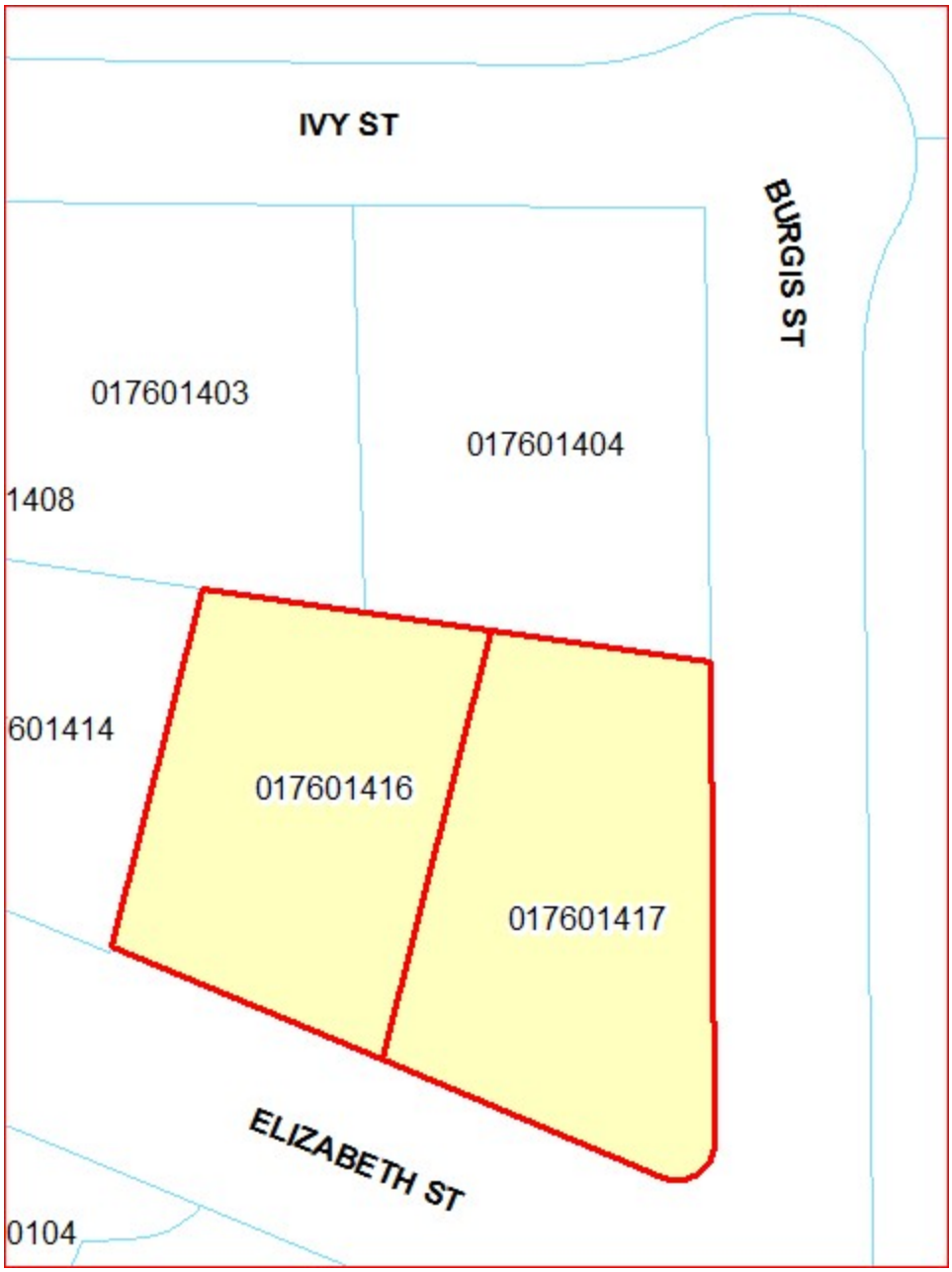
CUP 543

Annexation S10-Q



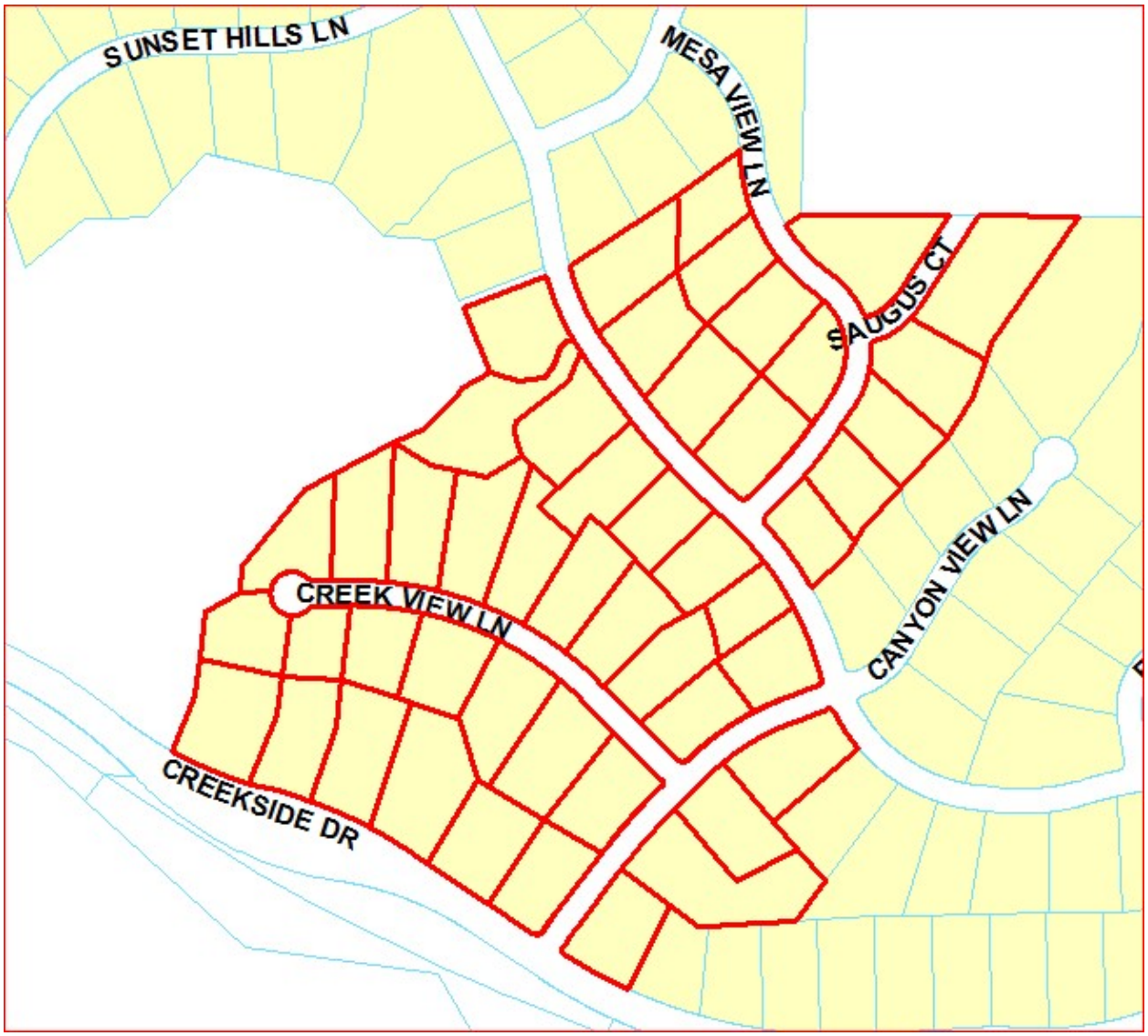
MS 234, Parcel Map 14891

Annexation S10-R



MS 251, Parcel Map 15414

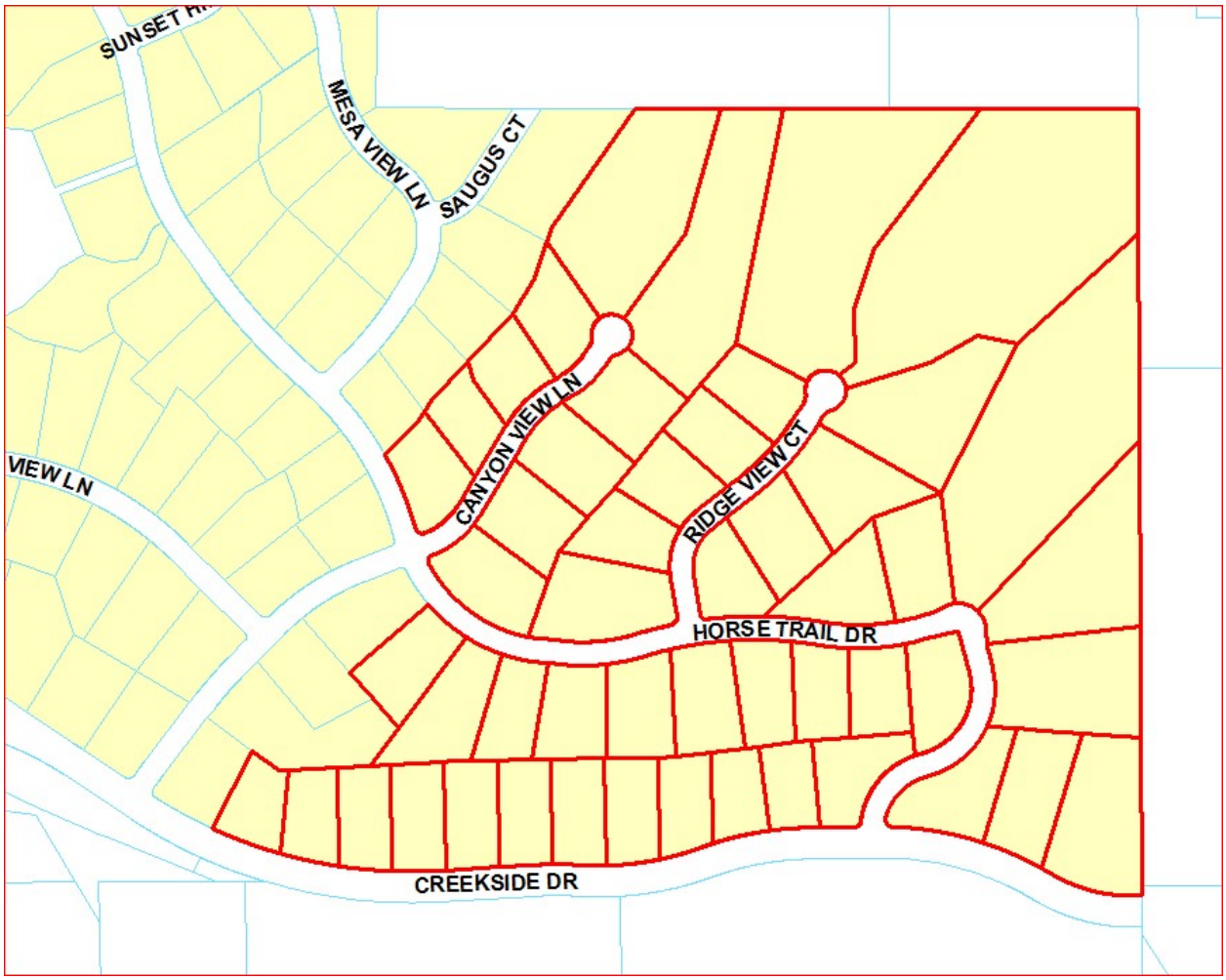
Annexation S10-S



Tract 14790-2

APN 0294-181-02 thru -15
APN 0294-191-01 thru -04, -06 thru -12, -16 thru -20
APN 0294-201-09, -11, -13, -15, -19, -21, -27, -28
APN 0294-211-02 thru -04, -06 thru -10, -12, -13

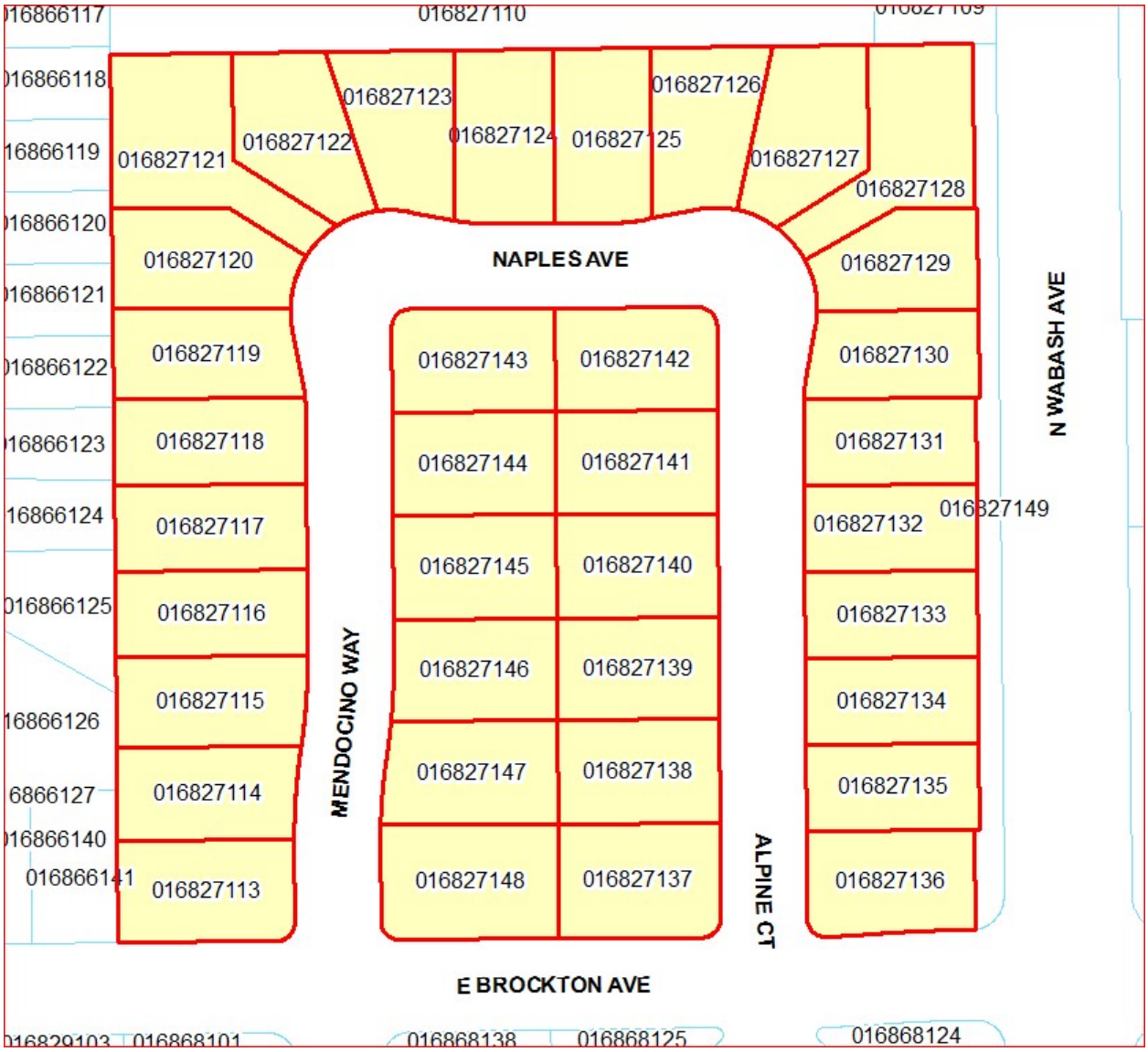
Annexation S10-T



Tract 14790-3

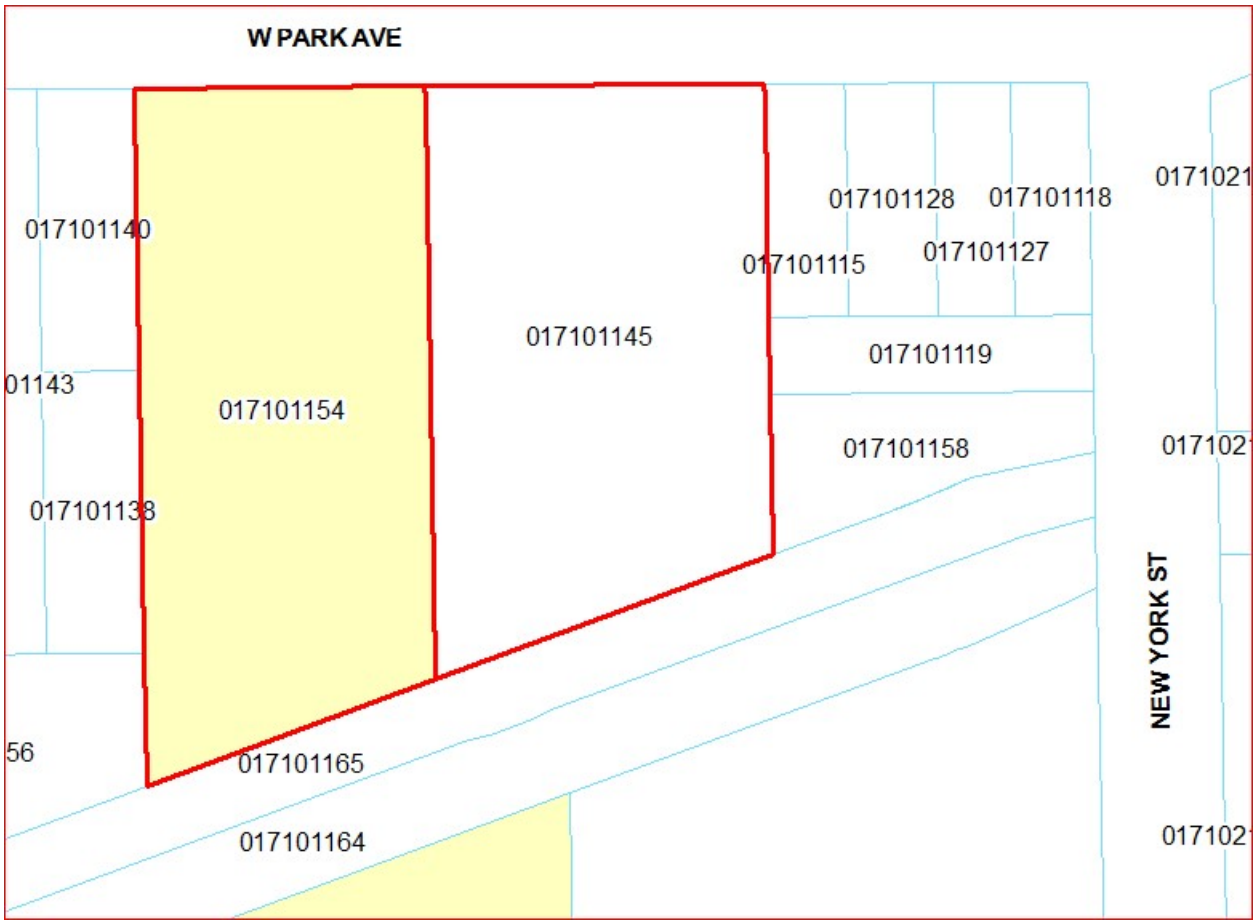
APN 0294-222-01 thru -12
APN 0294-232-01 thru -07
APN 0294-242-01 thru -06
APN 0294-252-01 thru -13
APN 0294-262-01 thru -13

Annexation S10-U



Tract 15532

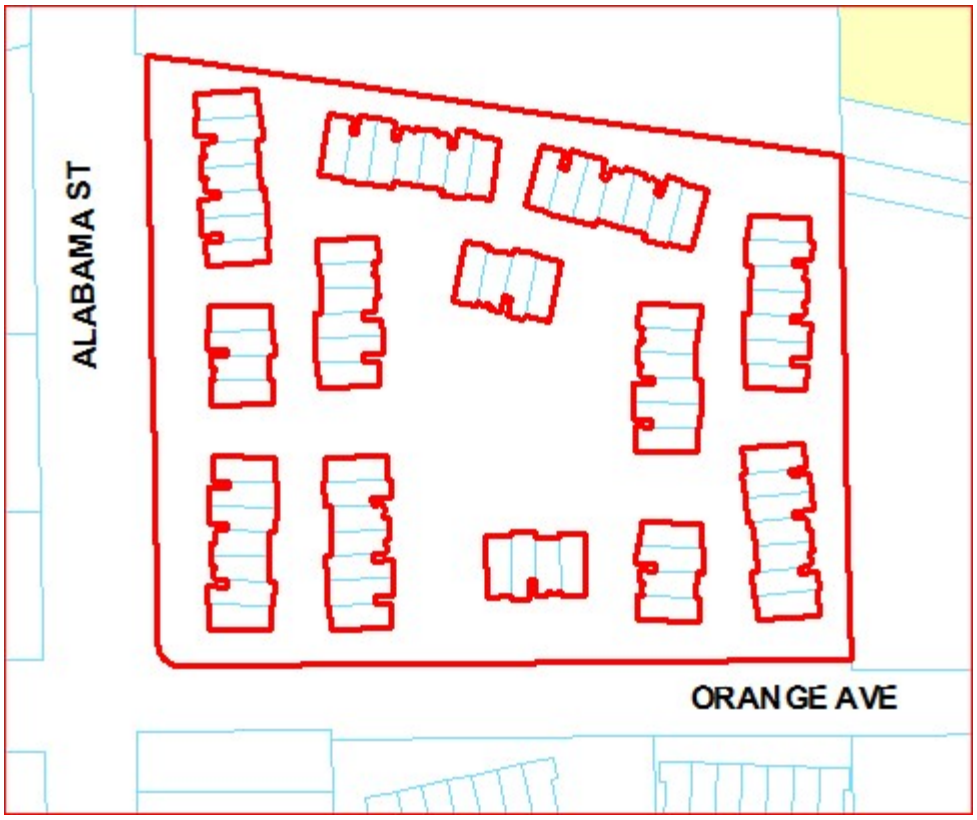
Annexation S10-V



CUP 652

APN 0171-011-54 was the original Annexation 10-V. That parcel was merged with the parcel immediately to the east (APN 0171-011-45). The new parcel was assigned APN 0171-011-67.

Annexation S10-W



MS 240

Original APN 0292-201-22 has been subdivided into a condo complex.

There is no assessment for Annexation S10-W

APPENDIX C

RESOLUTIONS

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CITY OF REDLANDS
STREET LIGHT DISTRICT NO. 1

APPENDIX C – RESOLUTIONS

Resolution No 8294 – Institute proceedings and appointment of engineer

Resolution No 8295 – Preliminary approval of engineer's report

Resolution No 8296 – Declaring intention to levy assessments

Resolution No 8297 – Confirming a diagram and assessments

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RESOLUTION NO. 8294

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS INSTITUTING PROCEEDINGS FOR THE CONTINUED LEVY OF ASSESSMENTS, APPOINTING AN ASSESSMENT ENGINEER, AND ORDERING THE PREPARATION OF AN ENGINEER'S REPORT IN THE MATTER OF STREET LIGHTING DISTRICT NO. 1 AND LANDSCAPE MAINTENANCE DISTRICT NO. 1

WHEREAS, the City Council of the City of Redlands (this "City Council") has determined that the public interest, convenience and necessity requires the installation, operation and maintenance of a street lighting system and other facilities as set forth in Section 22525 of the California Streets and Highways Code; and

WHEREAS, it has been determined by the City Council of the City of Redlands (this "City Council"), that the public interest, convenience and necessity requires the maintenance of landscaping as set forth in Section 22525 of the California Streets and Highways Code; and

WHEREAS, this City Council has formed Redlands' Street Lighting District No. 1 to pay the costs associated with the installation, operation and maintenance of such street lighting system and other facilities; and

WHEREAS, this City Council has formed Redlands' Landscape Maintenance District No. 1 to pay the costs for the maintenance such landscaping; and

WHEREAS, it is the desire of this City Council to initiate proceedings and order the preparation of an engineer's report to levy assessments for fiscal year 2022-2023 upon properties located within Street Lighting District No. 1 and Landscape Maintenance District No. 1; and

WHEREAS, this City Council further desires to appoint Redlands' Engineering Manager, Goutam Dobey, RCE No. 75646, as the "Assessment Engineer" for Street Lighting District No. 1 and Landscape Maintenance District No. 1;

NOW, THEREFORE, the City Council of the City of Redlands does hereby find, determine and resolve as follows:

Section 1. That the public interest, convenience and necessity requires the continued levy of assessments within Street Lighting District No. 1 for the purpose of installing, operating and maintaining street lights and associated facilities as authorized by Section 22620 of the California Streets and Highways Code and in compliance with Article XIIID, and Section 19 of Article XVI, of the California Constitution.

Section 2. That the public interest, convenience and necessity requires the continued levy of assessments within Landscape Maintenance District No. 1 for the purpose of maintaining landscaping and improvements as authorized by Section 22620 of the California Streets and

Highways Code and in compliance with the requirements of Article XIIID and Section 19 of Article XVI of the California Constitution.

Section 3. That the properties to be assessed for the installation, operation and maintenance of the street lighting facilities shall be those properties located within the boundaries of Street Lighting District No. 1.

Section 4. That the properties to be assessed for the maintenance and operation of the landscaping and improvements shall be those properties located within the boundaries of Landscape Maintenance District No. 1.

Section 5. That the proceedings for the continued levy of assessments within Street Lighting District No. 1 and Landscape Maintenance District No. 1 shall be conducted in accordance the with provisions of Division 15 of the California Streets and Highways Code (the Landscaping and Lighting Act of 1972) and in compliance with the requirements of Article XIIID, and Section 19 of Article XVI, of the California Constitution.

Section 6. That Redlands' Engineering Manager, Goutam Dobey, RCE No. 75646, having an office located at 35 Cajon Street, Suite 15A, Redlands, California, is hereby appointed "Assessment Engineer" and shall have the authority conferred upon the Assessment Engineer by the Landscaping and Lighting Act of 1972.

Section 7. That the Assessment Engineer is hereby ordered to prepare a report in accordance with the Landscaping and Lighting Act of 1972.

ADOPTED, SIGNED AND APPROVED this 3rd day of May, 2022.

_____

Paul T. Barich, Mayor

ATTEST:

_____

Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, do hereby certify that the foregoing Resolution was duly adopted by the City Council at a regular meeting thereof, held on the 3rd day of May, 2022 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____
Jeanne Donaldson, City Clerk

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RESOLUTION NO. 8295

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS GIVING PRELIMINARY APPROVAL OF THE ENGINEER'S REPORTS FOR FISCAL YEAR 2022-2023 FOR STREET LIGHTING DISTRICT NO. 1 AND LANDSCAPE MAINTENANCE DISTRICT NO. 1

WHEREAS, the City Council of the City of Redlands (the "City Council") has heretofore determined that the public interest, convenience and necessity require the maintenance and operation of street lighting and appurtenant facilities, as set forth in Section 22525 of the Streets and Highways Code, within the incorporated boundaries of the City of Redlands; and

WHEREAS, the City Council has heretofore determined that the public interest, convenience and necessity require the maintenance of landscape and irrigation facilities set forth in Section 22525 of the Streets and Highways Code, State of California, within the incorporated boundaries of the City of Redlands; and

WHEREAS, Goutam Dobey, City of Redlands' Engineering Manager, 35 Cajon Street, Suite 15A, Redlands, California, has been appointed "Assessment Engineer" with all provisions of Part 2 of Division 15 of the Streets and Highways Code applicable to the Engineer being applied to the "Assessment Engineer;" and

WHEREAS, Sections 22622 and 22623 of the Streets and Highways Code require that an Engineer's Report be prepared and filed annually, specifying the assessments to be levied against the benefitting properties within the City's Street Lighting District No. 1 and Landscape Maintenance District No. 1; and

WHEREAS, the City of Redlands Engineering Manager, as the Assessment Engineer, has prepared and filed with the City Clerk reports in writing as required by the Landscaping and Lighting Act of 1972 and in compliance with Article XIIID of the California Constitution; and

WHEREAS, the City Council has duly considered said reports and each and every part thereof; and finds that each and every part of said reports is sufficient, and that no part of said reports requires modification in any respect;

NOW, THEREFORE, be it resolved by the City Council of the City of Redlands as follows:

Section 1. That the Engineer's estimate of the itemized costs and expenses of said work and of the incidental expenses in connection therewith, contained in said reports be, and each of them are hereby, preliminarily approved and confirmed.

Section 2. That the diagram showing the Street Lighting District No. 1 and Landscape Maintenance District No. 1 referred to and described in said reports, and the boundaries of the lots and parcels of land within such assessment district as the same existed at the time of passage of this resolution, are hereby preliminarily approved and confirmed.

Section 3. That the proposed assessment upon the properties in Street Lighting District No. 1 and Landscape Maintenance District No. 1, in proportion to the estimated benefit to be received by such properties, respectively, from said work and of the incidental expenses thereof, as contained in said report is hereby preliminarily approved and confirmed.

Section 4. That said reports shall stand as the Engineer's Report for the purposes of all subsequent proceedings for Street Lighting District No. 1 and Landscape Maintenance District No. 1.

APPROVED AND ADOPTED this 7th day of June, 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

_____

Jeanne Donaldson, City Clerk

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RESOLUTION NO. 8296

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS DECLARING ITS INTENTION TO LEVY AND COLLECT ASSESSMENTS WITHIN REDLANDS' STREET LIGHTING ASSESSMENT DISTRICT NO. 1 AND LANDSCAPE ASSESSMENT DISTRICT NO. 1 FOR FISCAL YEAR 2021-2022 PURSUANT TO THE LANDSCAPING AND LIGHTING ACT OF 1972, AND ESTABLISHING A TIME AND PLACE FOR PUBLIC HEARINGS FOR THE TWO DISTRICTS TO CONSIDER PROTESTS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS AS FOLLOWS:

Section 1. The City Council of the City of Redlands hereby (1) finds that the public interest and convenience requires, and (2) declares its intention to levy and collect, assessments against the lots and parcels of property within an existing assessment districts designated "Redlands' Street Lighting Assessment District No. 1 and Landscape Assessment District No. 1" (the "Districts") pursuant to the provisions of the Landscaping and Lighting Act of 1972, Part 2 of Division 15 of the Streets and Highways Code (commencing with Section 22500) (the "Act") for fiscal year 2022-2023, commencing July 1, 2022, and ending June 30, 2023, to pay for the costs and expenses of the improvements described in Section 3 hereof.

Section 2. Reference is hereby made to a map on file in the office of the City Clerk and open for public inspection for a description of the exterior boundaries of the Districts.

Section 3. The proposed improvements are briefly described as follows: The operation, maintenance and servicing of public within the District, including the operation, maintenance and servicing of public lighting facilities and landscaping, including safety lighting, traffic signals, trees, shrubs, grass and other ornamental vegetation, and appurtenant facilities, located along public roadways, streets and rights-of-way within the boundaries of the Districts. "Maintenance" means the furnishing of services and materials for the ordinary and usual maintenance, operation and servicing of the public lighting and landscaping facilities, and appurtenant facilities, including repair, removal or replacement of all or part of any of the public lighting and landscaping facilities, or appurtenant facilities. "Servicing" means the maintenance of any of the public lighting and landscaping facilities or appurtenant facilities, including the furnishing of electric current, energy or gas for the operation of any of the lighting facilities and the furnishing of water for the irrigation of any of the landscaping facilities.

Section 4. The assessments to be levied and collected against the assessable lots and parcels of property within the Districts for fiscal year 2022-2023 are not proposed to increase from the assessments levied and collected for fiscal year 1997-1998.

Section 5. Public property owned by any public agency and in use in the performance of a public function which is included within the boundaries of the Districts shall not be subject to assessment to be made under these proceedings to cover any of the costs and expenses of the improvements.

Section 6. All railroad, gas, water and electric utility rights-of-way are included within the Districts and shall be assessed in accordance with the benefits received from the improvements.

Section 7. Reference is hereby made to the Reports of the Engineer entitled "City of Redlands Street Lighting District No. 1 Engineer's Report for Fiscal Year 2022-2023" and "City of Redlands Landscape Maintenance District No. 1 Engineer's Report for Fiscal Year 2022-2023" on file in the office of the City Clerk for a full and detailed description of the improvements, the boundaries of the District and any zones therein and the proposed assessments upon assessable lots and parcels of land within the District.

Section 8. NOTICE IS HEREBY GIVEN THAT THE CITY COUNCIL APPOINTS TUESDAY, THE 21ST DAY OF JUNE, 2022, AT THE HOUR OF 6:00 P.M., OR AS SOON THEREAFTER AS THE MATTER MAY BE HEARD, IN THE COUNCIL CHAMBERS AT CITY HALL, CITY OF REDLANDS, 35 CAJON STREET, SUITE 2, REDLANDS, CALIFORNIA 92373, AS THE TIME AND PLACE FOR TWO PUBLIC HEARINGS TO CONSIDER PROTESTS OR OBJECTIONS TO THE LEVY OF THE PROPOSED ASSESSMENTS IN CONNECTION WITH THE DISTRICTS. All interested persons shall be afforded the opportunity to hear and be heard. Any interested person may file a written protest with the City Clerk prior to the conclusion of the hearing. A written protest shall state all grounds of objection. A protest by a property owner shall contain a description sufficient to identify the property owned by the signer thereof. The City Council shall consider all oral statements and all written protests made or filed by any interested person.

Section 9. The City Clerk is hereby authorized and directed to give notice of such hearing in accordance with law.

Section 10. The City Council hereby determines and declares that the proposed assessments constitute a continuation of assessments existing on the effective date of Article XIIID, that the assessments are imposed exclusively to finance the maintenance and operation expenses for streets and that the assessments are exempt from the requirements of Article XIIID, Section 4 of the California Constitution.

Section 11. The City Council hereby designates Goutam Dobey, Engineering Manager, telephone number (909) 798-7584 x2, to answer inquiries regarding the hearing, protest proceedings and procedural or technical matters.

ADOPTED, SIGNED AND APPROVED this 7th day of June, 2022.

Paul T. Barich, Mayor

ATTEST:

Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certifies that the foregoing resolution was duly adopted by the City Council, at a regular meeting thereof, held on the 7th day of June, 2022, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

Jeanne Donaldson, City Clerk

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RESOLUTION NO. 8277

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS CONFIRMING A DIAGRAM AND ASSESSMENT FOR THE 2022-2023 FISCAL YEAR IN CONNECTION WITH LANDSCAPE MAINTENANCE DISTRICT NO. 1 PURSUANT TO THE LANDSCAPING AND LIGHTING ACT OF 1972, PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS AS FOLLOWS:

Section 1. Pursuant to its adoption of a prior resolution, the City Council of the City of Redlands initiated proceedings and declared its intention to levy an assessment against the assessable lots and parcels of property within an existing assessment district designated "Landscape Maintenance District No 1" (the District) pursuant to the provisions of the Landscaping and Lighting Act of 1972, Part 2 of Division 15 of the California Streets and Highways Code (commencing with Section 22500) (the "Act") for the fiscal year commencing July 1, 2022, and ending June 30, 2023, and ordered the Engineering Manager, Goutam Dobey, to prepare and file a written report in accordance with Article 4 of Chapter 1 of the Act. The City Council, by prior resolution, approved such Engineer's Report.

Section 2. Following notice duly given in accordance with law, this City Council has held a full and fair public hearing regarding the Engineer's Report and the levy and collection of the proposed assessment within the District for fiscal year 2022-2023 to pay for the costs and expenses of the improvements described in the Engineer's Report pursuant to the terms and provisions of the Act. All interested persons were afforded the opportunity to hear, and be heard regarding, protests and objections to the levy and collection of the proposed assessment against lots or parcels of property within the District. The City Council considered all oral and written statements, protests and communications made or filed by interested persons.

Section 3. Based upon its review of the Engineer's Report and other reports and information, this City Council hereby finds and determines that (i) the land within the District will be benefited by the improvements described in the Engineer's Report (ii) the District includes all of the lands so benefited, and (iii) the net amount to be assessed upon the lands with the District for the 2022-2023 fiscal year in accordance with the Engineer's Report is apportioned by a formula and method which fairly distributes the net amount among all assessable lots or parcels in proportion to the estimated benefits to be received by each such lot or parcel from the improvements. Any and all oral and written protests and objections are hereby overruled by the City Council.

Section 4. The City Council declares that the diagram and assessment in the Engineer's Report are hereby confirmed as filed.

Section 5. The City Council hereby orders the improvements described in the Engineer's Report to be made.

Section 6. The assessment is in compliance with the provisions of the Act and the City Council has complied with all law pertaining to the levy of an annual assessment pursuant to the Act.

Section 7. The assessments to be levied and collected against the assessable lots and parcels of property within the District for fiscal year 2022-2023 are not proposed to increase from the assessment levied and collected for fiscal year 1997-1998.

Section 8. The assessment is levied without regard to property valuation.

Section 9. Public property owned by any public agency and in use in the performance of a public function which is included within the boundaries of the District shall not be subject to assessment to be made under these proceedings to pay for any of the costs and expenses of the improvements.

Section 10. The assessment is levied for the purpose of paying the costs and expenses of the improvements described in the Engineer's Report for fiscal year 2022-2023.

Section 11. The improvements described in the Engineer's Report shall be performed pursuant to law.

Section 12. The County Auditor of San Bernardino County shall enter on the County Assessment Roll opposite each lot or parcel of land the amount of the assessment and such assessments shall then be collected at the same time and in the same manner as the County taxes collected. After collection by the County, the net amount of the assessments shall be paid to the City Treasurer.

Section 13. The City Treasurer shall deposit all moneys representing assessments collected by the County to the credit of a special fund for Landscape Maintenance District No. 1.

Section 14. The adoption of this Resolution constitutes the levy of an assessment against the lots and parcels of land in the District for the fiscal year commencing July 1, 2022, and ending June 30, 2023.

Section 15. The City Clerk is hereby authorized and directed to file the diagram and assessment, or a certified copy of the diagram and assessment, with the County Auditor, together with a certified copy of this Resolution upon its adoption.

Section 16. A certified copy of the assessment and diagram shall be filed in the City's Municipal Utilities and Engineering Department, with a duplicate copy on file in the office of the City Clerk and open for public inspection.

ADOPTED, SIGNED AND APPROVED this 21st day of June 2022.

_____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

I, Jeanne Donaldson, City Clerk of the City of Redlands, hereby certifies that the foregoing resolution was adopted by the City Council, at a regular meeting thereof, held on the 21st day of June, 2022 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Jeanne Donaldson, City Clerk

APPENDIX D

ASSESSMENT ROLL

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City of Redlands
Street Lighting District No. 1 - Appendix D
Fiscal Year 2022-23
Assessment Roll (Sorted by APN)

APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0167-081-13-0000		Annexation S10-E	Zone 1 & 3	$13.76
0167-081-14-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-15-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-16-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-17-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-18-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-19-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-20-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-21-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-22-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-23-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-24-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-25-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-26-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-27-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-28-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-29-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-30-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-31-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-32-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-33-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-34-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-35-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-36-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-37-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-38-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-39-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-40-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-41-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-42-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-43-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-44-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-081-45-0000		Annexation S10-E	Zone 1 & 3	13.76
0167-101-13-0000		Annexation S7-E	Zone 1 & 3	198.10
0167-231-19-0000		Annexation S1-D	Zone 3	20.05
0167-231-20-0000		Annexation S1-D	Zone 3	20.05
0167-231-21-0000		Annexation S1-D	Zone 3	20.05
0167-271-61-0000		Annexation S3-D	Zone 3	100.25
0167-851-39-0000		Annexation S5-B	Zone 1	14.05
0167-851-40-0000		Annexation S5-B	Zone 1	14.05
0167-851-41-0000		Annexation S5-B	Zone 1	14.05
0167-851-42-0000		Annexation S5-B	Zone 1	14.05
0167-851-43-0000		Annexation S5-B	Zone 1	14.05
0167-851-44-0000		Annexation S5-B	Zone 1	14.05
0167-851-45-0000		Annexation S5-B	Zone 1	14.05
0167-851-46-0000		Annexation S5-B	Zone 1	14.05
0167-851-47-0000		Annexation S5-B	Zone 1	14.05
0167-851-48-0000		Annexation S5-B	Zone 1	14.05
0167-851-49-0000		Annexation S5-B	Zone 1	14.05
0167-851-50-0000		Annexation S5-B	Zone 1	14.05
0167-851-51-0000		Annexation S5-B	Zone 1	14.05
0167-851-52-0000		Annexation S5-B	Zone 1	14.05
0167-851-53-0000		Annexation S5-B	Zone 1	14.05
0167-851-54-0000		Annexation S5-B	Zone 1	14.05

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0167-851-55-0000		Annexation S5-B	Zone 1	14.05
0167-851-56-0000		Annexation S5-B	Zone 1	14.05
0167-861-37-0000		Annexation S5-B	Zone 1	14.05
0167-861-38-0000		Annexation S5-B	Zone 1	14.05
0167-861-39-0000		Annexation S5-B	Zone 1	14.05
0167-861-40-0000		Annexation S5-B	Zone 1	14.05
0167-861-41-0000		Annexation S5-B	Zone 1	14.05
0167-861-42-0000		Annexation S5-B	Zone 1	14.05
0167-861-43-0000		Annexation S5-B	Zone 1	14.05
0167-861-44-0000		Annexation S5-B	Zone 1	14.05
0167-861-45-0000		Annexation S5-B	Zone 1	14.05
0167-861-46-0000		Annexation S5-B	Zone 1	14.05
0167-861-47-0000		Annexation S5-B	Zone 1	14.05
0167-861-48-0000		Annexation S5-B	Zone 1	14.05
0167-861-49-0000		Annexation S5-B	Zone 1	14.05
0167-861-50-0000		Annexation S5-B	Zone 1	14.05
0167-861-51-0000		Annexation S5-B	Zone 1	14.05
0167-861-52-0000		Annexation S5-B	Zone 1	14.05
0167-861-53-0000		Annexation S5-B	Zone 1	14.05
0167-861-54-0000		Annexation S5-B	Zone 1	14.05
0168-271-13-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-14-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-15-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-16-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-17-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-18-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-19-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-20-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-21-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-22-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-23-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-24-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-25-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-26-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-27-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-28-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-29-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-30-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-31-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-32-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-33-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-34-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-35-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-36-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-37-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-38-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-39-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-40-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-41-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-42-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-43-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-44-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-45-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-46-0000		Annexation S10-U	Zone 1, 3 & 4	14.32

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0168-271-47-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-271-48-0000		Annexation S10-U	Zone 1, 3 & 4	14.32
0168-731-01-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-02-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-03-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-04-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-05-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-06-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-07-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-08-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-09-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-10-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-11-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-12-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-13-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-14-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-15-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-16-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-17-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-18-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-19-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-20-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-21-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-22-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-23-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-24-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-731-25-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-01-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-02-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-03-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-04-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-05-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-06-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-07-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-08-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-09-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-10-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-11-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-12-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-13-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-14-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-15-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-16-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-17-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-18-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-19-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-20-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-21-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-22-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-23-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-24-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-25-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-26-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-27-0000		Annexation S10-C	Zone 1, 3 & 4	17.12

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0168-741-28-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-29-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-30-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-31-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-32-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-33-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-34-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-35-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-36-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-37-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-38-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-39-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-40-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-41-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-42-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-43-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-44-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-45-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-46-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-47-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-48-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-49-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-50-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-51-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-52-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-53-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-54-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-55-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-56-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-57-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-58-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-59-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-60-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-61-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-62-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-63-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-64-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-65-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-66-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-67-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-68-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-69-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-70-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-71-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-72-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-73-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-74-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-75-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-76-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-77-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-741-78-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-01-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-02-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-03-0000		Annexation S10-C	Zone 1, 3 & 4	17.12

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0168-751-04-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-05-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-06-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-07-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-08-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-09-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-10-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-11-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-12-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-13-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-14-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-15-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-16-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-17-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-18-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-19-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-20-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-21-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-22-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-23-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-24-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-25-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-26-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-27-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-28-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-29-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-30-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-31-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-32-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-33-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-34-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-35-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-36-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-37-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-38-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-39-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-40-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-41-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-42-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-43-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-44-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-45-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-46-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-47-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-48-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-49-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-50-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-51-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-52-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-53-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-54-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-55-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-751-56-0000		Annexation S10-C	Zone 1, 3 & 4	17.12
0168-771-01-0000		Annexation S10-H	Zone 1 & 4	15.27

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0168-771-02-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-03-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-04-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-05-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-06-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-07-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-08-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-09-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-10-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-11-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-12-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-13-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-14-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-15-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-16-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-17-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-18-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-19-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-20-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-21-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-22-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-23-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-24-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-25-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-26-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-27-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-28-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-29-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-30-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-31-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-32-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-33-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-34-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-35-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-36-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-37-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-38-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-39-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-40-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-41-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-42-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-43-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-44-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-45-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-46-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-47-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-48-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-49-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-771-50-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-01-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-02-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-03-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-04-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-05-0000		Annexation S10-H	Zone 1 & 4	15.27

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0168-781-06-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-07-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-08-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-09-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-10-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-11-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-12-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-13-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-14-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-15-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-16-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-17-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-18-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-19-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-20-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-21-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-22-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-23-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-24-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-25-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-26-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-27-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-28-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-29-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-30-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-31-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-32-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-33-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-781-34-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-01-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-02-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-03-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-04-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-05-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-06-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-07-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-08-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-09-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-10-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-11-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-12-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-13-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-14-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-15-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-16-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-17-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-18-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-19-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-20-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-21-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-22-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-23-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-24-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-25-0000		Annexation S10-H	Zone 1 & 4	15.27

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0168-791-26-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-27-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-791-28-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-01-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-02-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-03-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-04-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-05-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-06-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-07-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-08-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-09-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-10-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-11-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-12-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-13-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-14-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-15-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-16-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-17-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-18-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-19-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-20-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-21-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-22-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-23-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-24-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-25-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-26-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-27-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-28-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-29-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-30-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-31-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-32-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-33-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-34-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-35-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-36-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-37-0000		Annexation S10-H	Zone 1 & 4	15.27
0168-801-38-0000		Annexation S10-H	Zone 1 & 4	15.27
0169-011-32-0000		Annexation S10-J	Zone 4	29.44
0169-011-33-0000		Annexation S10-J	Zone 4	29.44
0169-011-34-0000		Annexation S10-J	Zone 4	29.44
0169-011-35-0000		Annexation S10-J	Zone 4	29.44
0169-011-38-0000		Annexation S10-J	Zone 4	14.72
0169-011-39-0000		Annexation S10-J	Zone 4	14.72
0169-043-14-0000		Annexation S4-D	Zone 1	58.35
0169-053-12-0000		Annexation S1-L	Zone 3	20.05
0169-131-33-0000		Annexation S1-F	Zone 1	19.45
0169-142-11-0000		Annexation S1-I	Zone 3	20.05
0169-182-02-0000		Annexation S1-P	Zone 1	12.97
0169-182-03-0000		Annexation S1-P	Zone 1	12.97
0169-182-04-0000		Annexation S1-P	Zone 1	12.97

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0169-212-17-0000		Annexation S1-Y	Zone 3	60.15
0169-212-18-0000		Annexation S1-Y	Zone 3	20.05
0169-212-19-0000		Annexation S1-Y	Zone 3	20.05
0169-212-20-0000		Annexation S1-Y	Zone 3	40.10
0169-212-21-0000		Annexation S1-Y	Zone 3	80.20
0169-212-22-0000		Annexation S1-Y	Zone 3	60.15
0169-212-23-0000		Annexation S1-Y	Zone 3	20.05
0169-212-24-0000		Annexation S1-Y	Zone 3	20.05
0169-212-25-0000		Annexation S1-Y	Zone 3	20.05
0169-212-26-0000		Annexation S1-Y	Zone 3	20.05
0169-212-27-0000		Annexation S1-Y	Zone 3	20.05
0169-272-29-0000		Annexation S10-Q	Zone 1	65.48
0169-281-39-0000		Annexation S3-C	Zone 3	20.05
0169-281-45-0000		Annexation S10-Q	Zone 2	98.22
0169-281-46-0000		Annexation S10-Q	Zone 1	32.74
0169-301-08-0000		Annexation S4-G	Zone 4	7.01
0169-301-10-0000		Annexation S4-G	Zone 4	7.01
0169-301-11-0000		Annexation S4-G	Zone 4	7.01
0169-313-16-0000		Annexation S4-I	Zone 1	77.80
0169-321-01-0000		Annexation S3-A	Zone 3	40.10
0169-321-02-0000		Annexation S3-A	Zone 3	40.10
0169-343-07-0000		Annexation S1-T	Zone 3	20.05
0169-411-07-0000		Annexation S1-H	Zone 4	105.15
0170-481-20-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-21-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-22-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-23-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-24-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-25-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-26-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-27-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-28-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-29-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-30-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-31-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-32-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-33-0000		Annexation S10-F	Zone 1 & 4	17.28
0170-481-34-0000		Annexation S10-F	Zone 1 & 4	17.28
0171-011-67-0000		Annexation S10-V	Zone 1	19.45
0171-161-17-0000		Annexation S7-A	Zone 3	181.54
0171-171-34-0000		Annexation S1-S	Zone 3	99.15
0171-202-30-0000		Annexation S4-C	Zone 3	40.10
0171-202-33-0000		Annexation S5-C	Zone 1	19.45
0171-203-13-0000		Annexation S6-B	Zone 1	38.90
0171-331-04-0000		Annexation S1-J	Zone 3	20.05
0171-332-30-0000		Annexation S7-D	Zone 1	38.90
0171-341-33-0000		Annexation S3-J	Zone 3	80.20
0171-383-19-0000		Annexation S1-E	Zone 3	20.05
0171-383-20-0000		Annexation S1-E	Zone 3	20.05
0171-431-05-0000		Annexation S10-P	Zone 3	120.30
0172-031-49-0000		Annexation S1-M	Zone 3	20.05
0172-091-24-0000		Annexation S10-G	Zone 1	26.93
0172-091-25-0000		Annexation S10-G	Zone 1	26.93
0172-091-26-0000		Annexation S10-G	Zone 1	26.93

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0172-091-27-0000		Annexation S10-G	Zone 1	26.93
0172-091-28-0000		Annexation S10-G	Zone 1	26.93
0172-091-29-0000		Annexation S10-G	Zone 1	26.93
0172-091-30-0000		Annexation S10-G	Zone 1	26.93
0172-091-31-0000		Annexation S10-G	Zone 1	26.93
0172-091-32-0000		Annexation S10-G	Zone 1	26.93
0172-091-33-0000		Annexation S10-G	Zone 1	26.93
0172-091-34-0000		Annexation S10-G	Zone 1	26.93
0172-091-35-0000		Annexation S10-G	Zone 1	26.93
0172-091-36-0000		Annexation S10-G	Zone 1	26.93
0172-121-03-0000		Annexation S8-A	Zone 3	20.05
0172-121-10-0000		Annexation S10-O	Zone 3	26.73
0172-121-11-0000		Annexation S10-O	Zone 3	26.73
0172-121-14-0000		Annexation S10-O	Zone 3	26.73
0172-301-14-0000		Annexation S4-A	Zone 4	25.24
0172-301-15-0000		Annexation S4-A	Zone 4	12.62
0172-301-16-0000		Annexation S4-A	Zone 4	12.62
0172-301-17-0000		Annexation S4-A	Zone 4	12.62
0172-301-18-0000		Annexation S10-B	Zone 1 & 4	23.48
0172-301-19-0000		Annexation S10-B	Zone 1 & 4	23.48
0172-301-20-0000		Annexation S10-B	Zone 1 & 4	23.48
0172-301-21-0000		Annexation S10-B	Zone 1 & 4	23.48
0172-301-22-0000		Annexation S10-B	Zone 1 & 4	23.48
0172-301-26-0000		Annexation S10-B	Zone 1 & 4	23.48
0173-251-21-0000		Annexation S10-N	Zone 3	60.15
0174-021-41-0000		Annexation S5-E	Zone 1	19.45
0174-021-42-0000		Annexation S5-E	Zone 1	19.45
0174-261-15-0000		Annexation S7-G	Zone 1	155.60
0174-281-33-0000		Annexation S9-B	Zone 1	14.59
0174-281-34-0000		Annexation S9-B	Zone 1	14.59
0174-281-35-0000		Annexation S9-B	Zone 1	14.59
0174-281-37-0000		Annexation S9-B	Zone 1	14.59
0174-621-01-0000		Annexation S1-N	Zone 1	19.45
0174-621-02-0000		Annexation S1-N	Zone 1	19.45
0174-621-03-0000		Annexation S1-N	Zone 1	19.45
0174-621-04-0000		Annexation S1-N	Zone 1	19.45
0174-621-05-0000		Annexation S1-N	Zone 1	19.45
0174-621-06-0000		Annexation S1-N	Zone 1	19.45
0174-621-07-0000		Annexation S1-N	Zone 1	19.45
0174-621-08-0000		Annexation S1-N	Zone 1	19.45
0174-621-09-0000		Annexation S1-N	Zone 1	19.45
0174-621-10-0000		Annexation S1-N	Zone 1	19.45
0174-621-11-0000		Annexation S1-N	Zone 1	19.45
0174-621-12-0000		Annexation S1-N	Zone 1	19.45
0174-621-13-0000		Annexation S1-N	Zone 1	19.45
0174-621-14-0000		Annexation S1-N	Zone 1	19.45
0174-621-15-0000		Annexation S1-N	Zone 1	19.45
0174-621-16-0000		Annexation S1-N	Zone 1	19.45
0174-621-17-0000		Annexation S1-N	Zone 1	19.45
0174-621-18-0000		Annexation S1-N	Zone 1	19.45
0174-621-19-0000		Annexation S1-N	Zone 1	19.45
0174-621-20-0000		Annexation S1-N	Zone 1	19.45
0174-621-21-0000		Annexation S1-N	Zone 1	19.45
0174-621-22-0000		Annexation S1-N	Zone 1	19.45

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APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0174-621-23-0000		Annexation S1-N	Zone 1	19.45
0174-621-24-0000		Annexation S1-N	Zone 1	19.45
0174-621-25-0000		Annexation S1-N	Zone 1	19.45
0174-621-26-0000		Annexation S1-N	Zone 1	19.45
0174-621-27-0000		Annexation S1-N	Zone 1	19.45
0174-621-28-0000		Annexation S1-N	Zone 1	19.45
0174-621-29-0000		Annexation S1-N	Zone 1	19.45
0174-621-30-0000		Annexation S1-N	Zone 1	19.45
0174-621-31-0000		Annexation S1-N	Zone 1	19.45
0174-621-32-0000		Annexation S1-N	Zone 1	19.45
0174-621-33-0000		Annexation S1-N	Zone 1	19.45
0174-621-34-0000		Annexation S1-N	Zone 1	19.45
0174-621-35-0000		Annexation S1-N	Zone 1	19.45
0174-631-01-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-02-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-03-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-04-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-05-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-06-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-07-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-08-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-09-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-11-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-12-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-13-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-14-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-15-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-16-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-17-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-18-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-19-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-20-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-21-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-22-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-23-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-24-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-25-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-26-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-27-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-28-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-29-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-30-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-31-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-32-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-33-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-34-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-35-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-37-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-38-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-39-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-40-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-41-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-42-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-43-0000		Annexation S10-A	Zone 1 & 3	25.19

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0174-631-44-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-45-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-46-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-47-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-48-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-49-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-50-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-51-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-52-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-53-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-54-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-55-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-56-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-57-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-58-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-63-0000		Annexation S10-A	Zone 1 & 3	25.19
0174-631-64-0000		Annexation S10-A	Zone 1 & 3	25.19
0176-014-16-0000		Annexation S10-R	Zone 3	30.08
0176-014-17-0000		Annexation S10-R	Zone 3	30.08
0176-441-18-0000		Annexation S2-D	Zone 1	33.07
0176-441-19-0000		Annexation S2-D	Zone 1	33.07
0176-441-20-0000		Annexation S2-D	Zone 1	33.07
0176-441-21-0000		Annexation S2-D	Zone 1	33.07
0176-441-22-0000		Annexation S2-D	Zone 1	33.07
0176-441-23-0000		Annexation S2-D	Zone 1	33.07
0176-441-24-0000		Annexation S2-D	Zone 1	33.07
0176-441-25-0000		Annexation S2-D	Zone 1	33.07
0176-441-26-0000		Annexation S2-D	Zone 1	33.07
0176-441-27-0000		Annexation S2-D	Zone 1	33.07
0176-521-01-0000		Annexation S7-H	Zone 2	41.50
0176-521-02-0000		Annexation S7-H	Zone 2	41.50
0176-521-03-0000		Annexation S7-H	Zone 2	41.50
0176-521-04-0000		Annexation S7-H	Zone 2	41.50
0176-521-05-0000		Annexation S7-H	Zone 2	41.50
0176-521-06-0000		Annexation S7-H	Zone 2	41.50
0176-521-07-0000		Annexation S7-H	Zone 2	41.50
0176-521-08-0000		Annexation S7-H	Zone 2	41.50
0176-521-09-0000		Annexation S7-H	Zone 2	41.50
0176-521-10-0000		Annexation S7-H	Zone 2	41.50
0176-521-11-0000		Annexation S7-H	Zone 2	41.50
0176-521-12-0000		Annexation S7-H	Zone 2	41.50
0176-521-13-0000		Annexation S7-H	Zone 2	41.50
0176-521-18-0000		Annexation S7-H	Zone 2	41.50
0176-521-19-0000		Annexation S7-H	Zone 2	41.50
0176-521-20-0000		Annexation S7-H	Zone 2	41.50
0176-521-21-0000		Annexation S7-H	Zone 2	41.50
0176-521-22-0000		Annexation S7-H	Zone 2	41.50
0176-521-23-0000		Annexation S7-H	Zone 2	41.50
0176-521-27-0000		Annexation S7-H	Zone 2	41.50
0176-521-28-0000		Annexation S7-H	Zone 2	41.50
0176-521-29-0000		Annexation S7-H	Zone 2	41.50
0176-521-30-0000		Annexation S7-H	Zone 2	41.50
0176-521-31-0000		Annexation S7-H	Zone 2	41.50
0176-521-32-0000		Annexation S7-H	Zone 2	41.50

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0176-531-01-0000		Annexation S7-H	Zone 2	41.50
0176-531-02-0000		Annexation S7-H	Zone 2	41.50
0176-531-03-0000		Annexation S7-H	Zone 2	41.50
0176-531-07-0000		Annexation S7-H	Zone 2	41.50
0176-531-08-0000		Annexation S7-H	Zone 2	41.50
0176-531-09-0000		Annexation S7-H	Zone 2	41.50
0176-531-12-0000		Annexation S7-H	Zone 2	41.50
0176-531-13-0000		Annexation S7-H	Zone 2	41.50
0176-531-26-0000		Annexation S7-H	Zone 2	41.50
0176-531-18-0000		Annexation S7-H	Zone 2	41.50
0176-531-20-0000		Annexation S7-H	Zone 2	41.50
0176-531-21-0000		Annexation S7-H	Zone 2	41.50
0176-531-22-0000		Annexation S7-H	Zone 2	41.50
0176-531-24-0000		Annexation S7-H	Zone 2	41.50
0176-531-25-0000		Annexation S7-H	Zone 2	41.50
0292-032-39-0000		Original District	Zone 3	200.50
0292-032-40-0000		Original District	Zone 3	40.10
0292-032-41-0000		Original District	Zone 3	60.15
0292-032-42-0000		Original District	Zone 3	320.80
0292-033-11-0000		Annexation S1-C	Zone 4	231.33
0292-033-13-0000		Annexation S9-D	Zone 3	80.20
0292-034-16-0000		Annexation S1-O	Zone 3	20.05
0292-063-45-0000		Annexation S7-C	Zone 4	42.06
0292-064-13-0000		Annexation S3-H	Zone 4	84.12
0292-064-17-0000		Annexation S3-H	Zone 4	84.12
0292-064-21-0000		Annexation S3-H	Zone 4	84.12
0292-064-22-0000		Annexation S3-H	Zone 4	42.06
0292-064-23-0000		Annexation S3-H	Zone 4	42.06
0292-064-24-0000		Annexation S3-H	Zone 4	147.21
0292-064-25-0000		Annexation S3-H	Zone 4	42.06
0292-064-26-0000		Annexation S3-H	Zone 4	21.03
0292-064-27-0000		Annexation S3-H	Zone 4	21.03
0292-152-39-0000		Annexation S7-B	Zone 3	100.25
0292-153-24-0000		Annexation S2-A	Zone 3	80.20
0292-153-25-0000		Annexation S2-A	Zone 3	80.20
0292-153-26-0000		Annexation S2-A	Zone 3	40.10
0292-153-27-0000		Annexation S2-A	Zone 3	40.10
0292-153-28-0000		Annexation S10-I	Zone 1 & 4	59.43
0292-153-30-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-31-0000		Annexation S10-I	Zone 1 & 4	59.43
0292-153-32-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-33-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-34-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-35-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-36-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-37-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-38-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-39-0000		Annexation S10-I	Zone 1 & 4	79.24
0292-153-40-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-41-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-42-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-153-43-0000		Annexation S10-I	Zone 1 & 4	19.81
0292-154-12-0000		Annexation S5-D	Zone 3	100.25
0292-154-22-0000		Annexation S10-K	Zone 1 & 4	80.96

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0292-154-23-0000		Annexation S10-K	Zone 1 & 4	19.45
0292-154-24-0000		Annexation S10-K	Zone 1 & 4	19.45
0292-154-25-0000		Annexation S10-K	Zone 1 & 4	19.45
0292-156-21-0000		Annexation S1-W	Zone 3	120.30
0292-157-16-0000		Annexation S6-A	Zone 4	189.27
0292-157-20-0000		Annexation S9-E	Zone 1	19.45
0292-157-31-0000		Annexation S2-H	Zone 4	21.03
0292-158-17-0000		Annexation S8-B	Zone 3	40.10
0292-165-15-0000		Annexation S3-F	Zone 3 & 4	222.51
0292-166-11-0000		Annexation S1-K	Zone 4	273.39
0292-182-30-0000		Annexation S1-U	Zone 4	21.03
0292-182-31-0000		Annexation S1-U	Zone 4	21.03
0292-192-11-0000		Annexation S4-E	Zone 4	231.33
0292-201-37-0000		Annexation S4-B	Zone 3	40.10
0292-201-39-0000		Annexation S4-B	Zone 3	47.57
0292-310-07-0000		Annexation S3-B	Zone 1	19.45
0292-310-36-0000		Annexation S4-F	Zone 1	38.90
0292-310-42-0000		Annexation S10-M	Zone 1	19.45
0292-321-10-0000		Annexation S1-G	Zone 4	105.15
0292-331-15-0000		Annexation S2-F	Zone 3	80.20
0292-331-16-0000		Annexation S2-F	Zone 3	80.20
0292-381-08-0000		Annexation S3-G	Zone 1	19.45
0292-441-11-0000		Annexation S2-B	Zone 3	12.03
0292-441-12-0000		Annexation S2-B	Zone 3	12.03
0292-441-13-0000		Annexation S2-B	Zone 3	12.03
0292-441-14-0000		Annexation S2-B	Zone 3	12.03
0292-441-15-0000		Annexation S2-B	Zone 3	12.03
0293-172-16-0000		Annexation S1-B	Zone 4	126.18
0293-172-17-0000		Annexation S1-B	Zone 4	126.18
0293-172-18-0000		Annexation S1-B	Zone 4	21.03
0293-421-01-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-02-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-03-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-04-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-05-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-06-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-07-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-08-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-09-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-10-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-11-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-12-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-13-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-14-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-15-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-16-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-17-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-18-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-19-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-20-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-21-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-22-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-23-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-24-0000		Annexation S9-A	Zone 1 & 4	4.50

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0293-421-25-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-26-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-27-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-28-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-29-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-30-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-31-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-32-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-33-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-34-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-35-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-36-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-37-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-38-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-39-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-40-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-41-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-42-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-43-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-44-0000		Annexation S9-A	Zone 1 & 4	4.50
0293-421-45-0000		Annexation S9-A	Zone 1 & 4	4.50
0294-181-02-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-03-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-04-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-05-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-06-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-07-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-08-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-09-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-10-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-11-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-12-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-13-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-14-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-181-15-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-01-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-02-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-03-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-04-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-06-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-07-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-08-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-09-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-10-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-11-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-12-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-16-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-17-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-18-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-19-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-191-20-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-09-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-11-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-13-0000		Annexation S10-S	Zone 1 & 3	49.54

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0294-201-15-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-19-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-21-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-27-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-201-28-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-02-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-03-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-04-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-06-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-07-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-08-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-09-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-10-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-12-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-211-13-0000		Annexation S10-S	Zone 1 & 3	49.54
0294-222-01-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-02-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-03-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-04-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-05-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-06-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-07-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-08-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-09-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-10-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-11-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-222-12-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-01-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-02-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-03-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-04-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-05-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-06-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-232-07-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-242-01-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-242-02-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-242-03-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-242-04-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-242-05-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-242-06-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-01-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-02-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-03-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-04-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-05-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-06-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-07-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-08-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-09-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-10-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-11-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-12-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-252-13-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-01-0000		Annexation S10-T	Zone 1 & 3	36.13

City of Redlands
Street Lighting District No. 1 - Appendix D
Fiscal Year 2022-23
Assessment Roll (Sorted by APN)

APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
0294-262-02-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-03-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-04-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-05-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-06-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-07-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-08-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-09-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-10-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-11-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-12-0000		Annexation S10-T	Zone 1 & 3	36.13
0294-262-13-0000		Annexation S10-T	Zone 1 & 3	36.13
1212-021-01-0000		Annexation S10-D	Zone 1	16.94
1212-021-02-0000		Annexation S10-D	Zone 1	16.94
1212-021-03-0000		Annexation S10-D	Zone 1	16.94
1212-021-04-0000		Annexation S10-D	Zone 1	16.94
1212-021-05-0000		Annexation S10-D	Zone 1	16.94
1212-021-06-0000		Annexation S10-D	Zone 1	16.94
1212-021-07-0000		Annexation S10-D	Zone 1	16.94
1212-021-08-0000		Annexation S10-D	Zone 1	16.94
1212-021-09-0000		Annexation S10-D	Zone 1	16.94
1212-021-10-0000		Annexation S10-D	Zone 1	16.94
1212-021-11-0000		Annexation S10-D	Zone 1	16.94
1212-021-12-0000		Annexation S10-D	Zone 1	16.94
1212-021-13-0000		Annexation S10-D	Zone 1	16.94
1212-021-14-0000		Annexation S10-D	Zone 1	16.94
1212-021-15-0000		Annexation S10-D	Zone 1	16.94
1212-021-16-0000		Annexation S10-D	Zone 1	16.94
1212-021-17-0000		Annexation S10-D	Zone 1	16.94
1212-021-18-0000		Annexation S10-D	Zone 1	16.94
1212-021-19-0000		Annexation S10-D	Zone 1	16.94
1212-021-20-0000		Annexation S10-D	Zone 1	16.94
1212-021-21-0000		Annexation S10-D	Zone 1	16.94
1212-021-22-0000		Annexation S10-D	Zone 1	16.94
1212-021-23-0000		Annexation S10-D	Zone 1	16.94
1212-021-24-0000		Annexation S10-D	Zone 1	16.94
1212-021-25-0000		Annexation S10-D	Zone 1	16.94
1212-021-26-0000		Annexation S10-D	Zone 1	16.94
1212-021-27-0000		Annexation S10-D	Zone 1	16.94
1212-021-28-0000		Annexation S10-D	Zone 1	16.94
1212-021-29-0000		Annexation S10-D	Zone 1	16.94
1212-021-30-0000		Annexation S10-D	Zone 1	16.94
1212-021-31-0000		Annexation S10-D	Zone 1	16.94
1212-021-32-0000		Annexation S10-D	Zone 1	16.94
1212-021-33-0000		Annexation S10-D	Zone 1	16.94
1212-021-34-0000		Annexation S10-D	Zone 1	16.94
1212-021-35-0000		Annexation S10-D	Zone 1	16.94
1212-021-36-0000		Annexation S10-D	Zone 1	16.94
1212-021-37-0000		Annexation S10-D	Zone 1	16.94
1212-021-38-0000		Annexation S10-D	Zone 1	16.94
1212-021-39-0000		Annexation S10-D	Zone 1	16.94
1212-021-40-0000		Annexation S10-D	Zone 1	16.94
1212-021-41-0000		Annexation S10-D	Zone 1	16.94
1212-021-42-0000		Annexation S10-D	Zone 1	16.94

City of Redlands
Street Lighting District No. 1 - Appendix D
Fiscal Year 2022-23
Assessment Roll (Sorted by APN)

APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
1212-021-43-0000		Annexation S10-D	Zone 1	16.94
1212-021-44-0000		Annexation S10-D	Zone 1	16.94
1212-021-45-0000		Annexation S10-D	Zone 1	16.94
1212-021-46-0000		Annexation S10-D	Zone 1	16.94
1212-021-47-0000		Annexation S10-D	Zone 1	16.94
1212-021-48-0000		Annexation S10-D	Zone 1	16.94
1212-021-49-0000		Annexation S10-D	Zone 1	16.94
1212-021-50-0000		Annexation S10-D	Zone 1	16.94
1212-021-51-0000		Annexation S10-D	Zone 1	16.94
1212-021-52-0000		Annexation S10-D	Zone 1	16.94
1212-021-53-0000		Annexation S10-D	Zone 1	16.94
1212-021-54-0000		Annexation S10-D	Zone 1	16.94
1212-021-55-0000		Annexation S10-D	Zone 1	16.94
1212-021-56-0000		Annexation S10-D	Zone 1	16.94
1212-021-57-0000		Annexation S10-D	Zone 1	16.94
1212-021-58-0000		Annexation S10-D	Zone 1	16.94
1212-021-59-0000		Annexation S10-D	Zone 1	16.94
1212-021-60-0000		Annexation S10-D	Zone 1	16.94
1212-021-61-0000		Annexation S10-D	Zone 1	16.94
1212-021-62-0000		Annexation S10-D	Zone 1	16.94
1212-041-01-0000		Annexation S7-F	Zone 1	77.80
1212-191-60-0000		Annexation S1-X	Zone 1	19.45
1212-191-61-0000		Annexation S1-X	Zone 1	19.45
1212-191-62-0000		Annexation S1-X	Zone 1	19.45
1212-191-63-0000		Annexation S1-X	Zone 1	19.45
1212-191-64-0000		Annexation S1-X	Zone 1	19.45
1212-191-65-0000		Annexation S1-X	Zone 1	19.45
1212-191-66-0000		Annexation S1-X	Zone 1	19.45
1212-191-67-0000		Annexation S1-X	Zone 1	19.45
1212-191-68-0000		Annexation S1-X	Zone 1	19.45
1212-191-69-0000		Annexation S1-X	Zone 1	19.45
1212-191-70-0000		Annexation S1-X	Zone 1	19.45
1212-191-71-0000		Annexation S1-X	Zone 1	19.45
1212-191-72-0000		Annexation S1-X	Zone 1	19.45
1212-191-73-0000		Annexation S1-X	Zone 1	19.45
1212-191-74-0000		Annexation S1-X	Zone 1	19.45
1212-191-75-0000		Annexation S1-X	Zone 1	19.45
1212-191-76-0000		Annexation S1-X	Zone 1	19.45
1212-191-77-0000		Annexation S1-X	Zone 1	19.45
1212-191-78-0000		Annexation S1-X	Zone 1	19.45
1212-191-79-0000		Annexation S1-X	Zone 1	19.45
1212-201-01-0000		Annexation S3-E	Zone 1	25.93
1212-201-02-0000		Annexation S3-E	Zone 1	25.93
1212-201-03-0000		Annexation S3-E	Zone 1	25.93
1212-201-04-0000		Annexation S3-E	Zone 1	25.93
1212-201-05-0000		Annexation S3-E	Zone 1	25.93
1212-201-06-0000		Annexation S3-E	Zone 1	25.93
1212-201-07-0000		Annexation S3-E	Zone 1	25.93
1212-201-08-0000		Annexation S3-E	Zone 1	25.93
1212-201-09-0000		Annexation S3-E	Zone 1	25.93
1212-201-10-0000		Annexation S3-E	Zone 1	25.93
1212-201-11-0000		Annexation S3-E	Zone 1	25.93
1212-201-12-0000		Annexation S3-E	Zone 1	25.93
1212-201-13-0000		Annexation S3-E	Zone 1	25.93

City of Redlands
Street Lighting District No. 1 - Appendix D
Fiscal Year 2022-23
Assessment Roll (Sorted by APN)

APN	SITUS ADDRESS	ANNEXATION	ZONE	CHARGE
1212-201-14-0000		Annexation S3-E	Zone 1	25.93
1212-201-15-0000		Annexation S3-E	Zone 1	25.93
1212-201-16-0000		Annexation S3-E	Zone 1	25.93
1212-201-17-0000		Annexation S3-E	Zone 1	25.93
1212-201-18-0000		Annexation S3-E	Zone 1	25.93
1212-201-19-0000		Annexation S3-E	Zone 1	25.93
1212-201-20-0000		Annexation S3-E	Zone 1	25.93
1212-201-21-0000		Annexation S3-E	Zone 1	25.93
1212-201-22-0000		Annexation S3-E	Zone 1	25.93
1212-201-23-0000		Annexation S3-E	Zone 1	25.93
1212-201-24-0000		Annexation S3-E	Zone 1	25.93
1212-201-25-0000		Annexation S3-E	Zone 1	25.93
1212-201-26-0000		Annexation S3-E	Zone 1	25.93
1212-201-27-0000		Annexation S3-E	Zone 1	25.93
1212-431-02-0000		Annexation S9-F	Zone 3	100.25

Summary Fields	Value
APN total count:	987
CHARGE total sum:	$25,452.67

"A City That Works"

City Council/Successor Agency Meeting **K. 9.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of an Agreement with Houston & Harris PCS, Inc. in an amount not-to-exceed $900,000 for on-call sewer collection system maintenance, and determination that approval of the Agreement is exempt from environmental review pursuant to section 15301(b) of the State's Guidelines implementing the California Environmental Quality Act (Municipal Utilities and Engineering Director Harris)

MOTION(S):

If the City Council determines the staff recommendation is appropriate, the following motions are provided:

1. I move that the City Council determine approval of the Agreement with Houston & Harris PCS, Inc. is exempt from environmental review pursuant to section 15301(b) of the State's Guidelines implementing the California Environmental Quality Act; and

2. I move to approve the Agreement with Houston & Harris PCS, Inc. for on-call sewer collection system maintenance for an amount not-to-exceed $300,000 per year, for a one-year agreement with additional optional 2 one-year terms.

RECOMMENDATION:

Staff recommends that City Council determine approval of the Non-Professional Service Agreement with Houston & Harris PCS, Inc. for on-call sewer collection system maintenance is exempt from environmental review pursuant to section 15301(b) of the State's Guidelines implementing the California Environmental Quality Act, and approve the Agreement with Houston & Harris PCS, Inc. for an amount not-to-exceed $300,000 per year.

DISCUSSION:

The Municipal Utilities and Engineering Department (MUED) operates and maintains a wastewater collection system that delivers raw sewage to the City's Wastewater Treatment Plant (WWTP). The City is required to follow best management practices to properly maintain the wastewater collection system to prevent sanitary sewer overflows (SSOs) and other public health risks in accordance with the California State Water Resources Control Board Order No. 2006-0003 DWQ, Statewide General Waste Discharge Requirements for Sanitary Sewer Systems. This includes regular sewer collection pipeline cleaning and inspection activities to prevent SSOs, as well as appropriate SSO response, containment, and clean-up.

These types of activities are typically performed by the Wastewater Collection System Division, which is staffed with one supervisor, three line maintenance workers, and one maintenance worker. The division currently performs these maintenance and response activities utilizing a combination cleaning and inspection camera vehicle, an easement cleaner/trailer, and a service vehicle. During emergencies, available staffing may be limited, and a need for on-call sewer collection system maintenance support is necessary.

On March 1, 2022, in accordance with Redlands Municipal Code 2.16.180, staff issued a Request For Bids (RFB) for on-call sewer collection system maintenance. On March 16, 2022, staff received one proposal from Houston & Harris PCS, Inc. for the amount of $391,209.60. An evaluation of the proposal found that it met all the requirements and demonstrated the firm's ability to provide the scope of services specified in the RFB (attachment C). The RFB was released with estimated quantities for potential on-call services as actual quantities are not predictable and will only be used in the event that city resources are limited. Staff recommends City Council approval of a Non-Professional Service Agreement with Houston & Harris, Inc. for an amount not-to-exceed $300,000 per year.

Approval of the agreement with Houston & Harris PCS, Inc. is exempt from environmental review pursuant to Section 15301(b) of the State's guidelines implementing the California Environmental Quality Act (CEQA).

ALTERNATIVES:

City Council may deny the staff recommendation. This is not recommended, as it may result in delayed support services if a catastrophic infrastructure failure occurs, which could result in regulatory agency violations and fines due to non-compliance with California State Water Resources Control Board Order No. 2006-0003 DWQ, Statewide General Waste Discharge Requirements for

Sanitary Sewer Systems.

STRATEGIC PLAN:

N/A

SUBMITTED BY:
John R. Harris, Municipal Utilities and Engineering Director

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director
Goutam K. Dobey, Engineering Manager
Kevin O. Watson, Utilities Operations Manager
Dana Abramovitz-Daniel, Procurement Manager

PREPARED BY:
Ashley Rosario, Senior Administrative Assistant

Fiscal Impact

Fiscal Year:	FY 21/22
Revenue Generating:	N
Appropriation Required Y/N:	N
Amount:	$300,000
Budgeted Y/N:	Y
Account No.:	521900-6710

Discussion:

There is no fiscal impact. This service is included in the FY21/22 MUED Budget, and the proposed FY 22/23 MUED Budget. Funding for services in future years will be included in annual MUED Budgets.

Attachments

A. Service Agreement
B. Bid Report
C. Bid Proposal

AGREEMENT TO PERFORM NON-PROFESSIONAL SERVICES
FOR IMPROVEMENT TO PUBLIC BUILDINGS AND GROUNDS

This agreement for the provision of on-call sewer collection system maintenance support ("Agreement") is made and entered in this 7th day of June, 2022 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("City") and Houston & Harris PCS, Inc. ("Contractor"). City and Contractor are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Contractor agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONTRACTOR

1.1 City hereby engages Contractor to perform on-call sewer collection system maintenance support services for City (the "Services"). The Services that Contractor shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by this reference.

1.2 The Services shall be performed by Contractor in a professional manner, and Contractor represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional Contractors in the industry providing like and similar types of Services.

ARTICLE 2 – RESPONSIBILITIES OF CONTRACTOR

2.1 Contractor shall comply with all applicable federal, state and local laws and regulations in the performance of the Services including, but not limited, to all applicable Labor Code and prevailing wage laws and non-discrimination laws, including the Americans with Disabilities Act. Pursuant to Labor Code section 1773.2, copies of the prevailing rates of per diem wages as determined by the Director of the California Department of Industrial Relations for each craft, classification or type of worker needed to undertake the Services are on file at City's Municipal Utilities and Engineering Department, located at the Civic Center, 35 Cajon Street, Suite 15A (Mailing: P.O. Box 3005), Redlands, California 92373.

2.2 Contractor acknowledges that if it violates the Labor Code provisions relating to prevailing wages that City may enforce such provisions by withholding payments to Contractor or its subcontractors pursuant to Labor Code section 1771.6.

2.3 If Contractor executes an agreement with a subcontractor to perform any portion of the Services, Contractor shall comply with Labor Code sections 1775 and 1777.7, and shall provide the subcontractor with copies of the provisions of Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815. Contractor acknowledges that the statutory provisions establishing penalties for failure to comply with state wage and hour laws and to pay prevailing wages may be enforced by City pursuant to Labor Code sections 1775 and 1813.

2.4 Contractor and its subcontractors shall comply with the provisions of Labor Code section 1776 regarding payroll records maintenance, certifications, retention and inspection.

2.5 Contractor acknowledges that eight (8) hours constitutes a legal day's work pursuant to Labor Code section 1810.

2.6 Contractor shall comply with the provisions of Labor Code section 1777.5 as to apprenticeships, and Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815.

2.7 Pursuant to Public Contract Code section 7103.5(b), Contractor offers and agrees to assign to City all rights, title and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S.C. section 15) or under the Cartwright Act (Chapter 2 (commencing with section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, goods or materials pursuant to this Agreement.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City shall make available to Contractor information in its possession that may reasonably assist Contractor in performing the Services.

3.2 City designates John R. Harris, Municipal Utilities and Engineering Director, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 The Services shall commence as of the Effective Date of this Agreement. Contractor shall perform and complete the Services in a prompt and diligent manner in accordance with the schedule set forth in Exhibit "A," which is attached hereto and incorporated herein by this reference.

4.2 The term of this Agreement shall be for a period of one (1) year from the Effective Date of this Agreement (the "Initial Term"). The City shall have the option to extend the Initial Term of this Agreement by two (2) additional one-year terms (each, an "Extended Term"), on the same terms and conditions, by providing written notice to Contractor at least thirty (30) days prior to the expiration of the Initial Term or any Extended Term. The Initial Term and the Extended Terms are hereby collectively, referred to herein as the "Term" of this Agreement.

4.3 Contractor shall furnish a labor and material bond in the form attached hereto as Exhibit "B," which is attached hereto and incorporated herein by this reference, in an amount equal to one hundred percent (100%) of the total compensation to be paid to Contractor pursuant to this Agreement.

ARTICLE 5 – PAYMENTS TO CONTRACTOR

5.1 The compensation for Contractor's performance of the Services shall not exceed the amount of three hundred thousand dollars ($300,000) for the Services provided during

the Initial Term. Should this Agreement be renewed, the compensation for Contractor's performance for the Services shall not exceed the amount of three hundred thousand dollars ($300,000) for the first Extended Term; and three hundred thousand dollars ($300,000) for the second Extended Term, bringing the total possible amount of compensation to a not-to-exceed amount of nine hundred thousand dollars ($900,000). For the Initial Term and each Extended Term, City shall pay Contractor on a time and materials basis up to the not to not-to-exceed amount in accordance with the rates specified in Exhibit "C," titled "Price and Fee Bid," which is attached hereto and incorporated herein by reference.

5.2 Contractor shall submit monthly invoices to City describing the Services performed during the preceding month. Contractor's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom. City shall pay Contractor no later than thirty (30) days after receipt and approval by City of Contractor's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF), if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY	CONTRACTOR
City Clerk	Larry Houston, Vice President
City of Redlands	Houston & Harris PCS, Inc.
35 Cajon Street	21831 Barton Rd.
P.O. Box 3005 (mailing)	Grand Terrace, CA 92313
Redlands, CA 92373	lhouston@houston&harris.com
jdonaldson@cityofredlands.org	909-422-8990
(909) 798-7531	909-422-0841

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Contractor for the duration of its performance of the Services. Contractor shall not perform any Services unless and until the required insurance listed below is obtained by Contractor. Contractor shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to

City that Contractor is self-insured or exempt from the workers' compensation laws of the State of California. Contractor shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Contractor owned vehicles used in connection with Contractor's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

6.2 Contractor shall defend, indemnify, and hold harmless City and its elected and appointed officials, employees and agents from and against any and all claims, losses and liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of, Contractor, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Contractor covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Contractor's Services. Contractor further covenants and represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Contractor agrees it is not a designated employee within the meaning of the Political Reform Act because Contractor:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;
(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;

(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Contractor must disclose its financial interests, Contractor shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Contractor shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, results in City's immediate termination of this Agreement.

8.3 Contractor is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor any of its agents shall have control over the conduct of Contractor or Contractor's employees, except as herein set forth. Contractor shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Contractor are for its account only, and in no event shall Contractor or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Contractor shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Contractor have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Contractor of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Contractor's compensation shall be made, but (i) no amount shall be allowed for anticipated profit or unperformed Services, and (ii) any payment due Contractor at the time of termination may be adjusted to the extent of any additional costs to City occasioned by any default by Contractor. Upon receipt of a termination notice, Contractor shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been

accumulated by Contractor in performing the Services. Contractor shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Contractor shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Contractor pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Contractor.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Contractor.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California, without regard to its conflicts of laws provisions. The Parties agree that all actions or proceedings arising in connection with this Agreement shall be tried and litigated only in the state courts located in San Bernardino County, California, and the federal courts located in Riverside County, California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Contractor have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul T. Barich, Mayor

HOUSTON & HARRIS PCS, INC.

By: _____
Larry Houston, Vice President

ATTEST:

_____
Jeanne Donaldson, City Clerk

EXHIBIT "A"

SCOPE OF SERVICES

- Assistance with Sanitary Sewer Overflow (SSO's) response in the event of failure beyond City's response capability or other sewer related emergency throughout the City's Sewer Collection System shown in **Figure ES.1**;
- Assistance with collection system main line bypass or other wastewater projects;
- Assistance with sewer line maintenance cleaning and CCTV inspection activities due to resources constraints and/or projects; CCTV reports and documentation must be provided in GraniteNet Software
- Hour rate for equipment to include all costs associated with the equipment including fuel, mileage, related equipment, and supplies;
- Linear foot rate to include all costs associated with the service including staff, equipment, fuel, mileage, related equipment, and supplies;
- Provide proper supervision and appropriate traffic control at the job site during all phases of work;
- All work to be performed in a safe manner, using the appropriate personal protective equipment and in accordance with the City's safety practices, OSHA, and job specific contractor requirements;
- If required, prepare an Overflow Emergency Response Plan specific to the task and in accordance with the City's Overflow Emergency Response Plan; and
- Contractor must be within 30 miles from the City of Redlands Municipal Utilities & Engineering Department: 35 Cajon St. Suite 15A, Redlands CA 92373
- Contractor must respond to on-call sewer collection system maintenance support services within 1.5 hours or less

Figure ES.1: Sewer Collection System

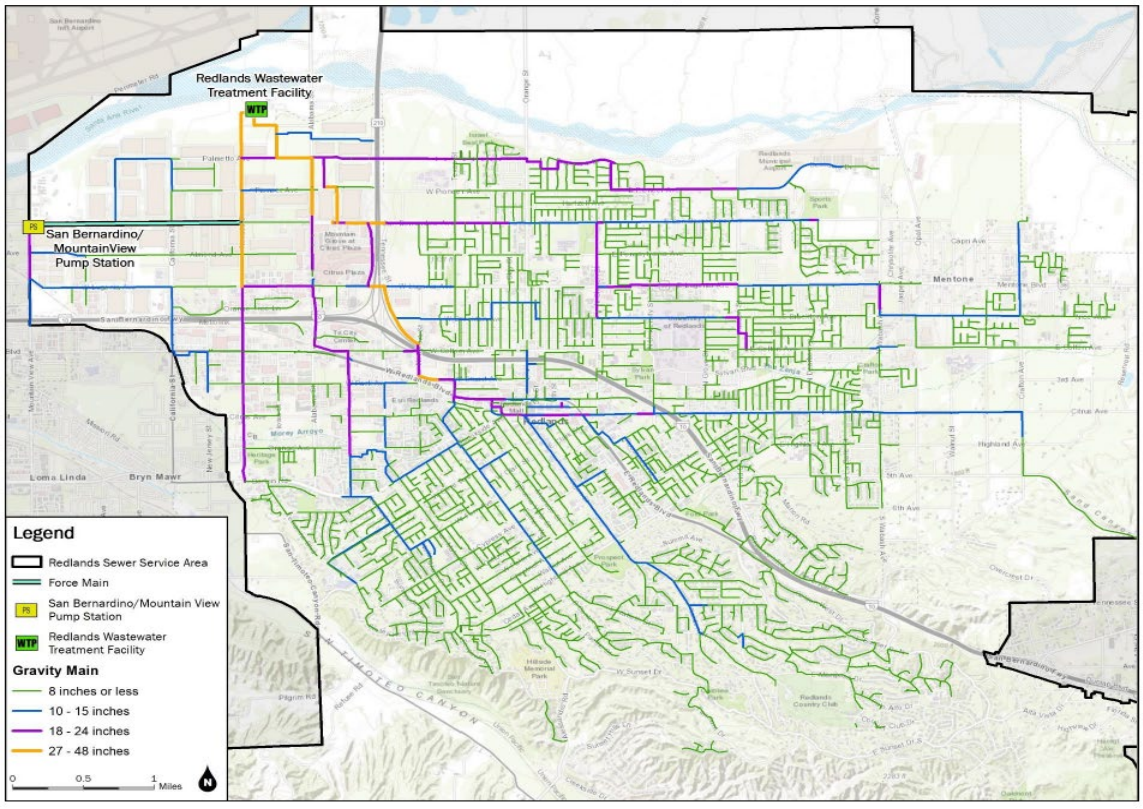


EXHIBIT "B"

LABOR AND MATERIAL BOND

Whereas, the City of Redlands, State of California, and Houston & Harris PCS, Inc. (hereinafter designated as "Principal") have entered into an agreement (the "Agreement") whereby Principal agrees to provide on-call sewer collection system maintenance support (the "Work"), which said agreement, dated June 7, 2022, and titled as "Agreement to Perform Non-Professional Services for Improvement to Public Builds and Grounds" is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, Principal is required before commencing the performance of the Work, to file a good and sufficient Labor and Material bond with the City of Redlands to secure the claims to which reference is made in Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code of the State of California.

Now, therefore, said Principal and the undersigned as corporate surety, are held firmly bound unto the City and all contractors, subcontractors, laborers, material men and other persons employed in the performance of the Agreement and referred to in the aforesaid Code of Civil Procedure in the sum of Three Hundred Thousand Dollars ($300,000) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof, this instrument has been duly executed by the Principal and surety above named, on June 7, 2022.

(SEAL)	(SEAL)
(Contractor)	(Surety) BY:
(Signature)	(Signature)
	Address:
(Seal and Notarial Acknowledgment of Surety)	Telephone( )

EXHIBIT "C"

PRICE AND FEE BID

Item No.	Description: **On-Call Sewer Collection System Maintenance Support**	Unit	Cost per Unit (A)	Total Quantity (B)	Total Extended Price (A x B)
1	Combination Vehicle: Mon-Fri 7:00 am - 5:00 pm	per hour	$484.84	80	$38,787.20
2	Combination Vehicle: After Hours Mon-Fri 5:00 pm – 7:00 am and Weekends	per hour	$597.59	80	$40,807.20
3	Combination Vehicle: City Holidays	per hour	$597.59	80	$47,807.20
4	Staff (1): Mon-Fri 7:00 am -5:00 pm	per hour	$100.00	160	$16,000.00
5	Staff (1): Mon-Fri 5:00 pm-7:00 am and Weekends	per hour	$200.00	160	$32,000.00
6	Staff (1): City Holidays	per hour	$200.00	160	$32,000.00
7	Sewer Main Line Cleaning: (including all staff, equipment, and other associated costs)	per linear foot	$5.66	10600	$59,996.00
8	Sewer Main Line CCTV: Inspection (including all staff equipment and other associated costs)	per linear foot	$5.36	10600	$56,816.60
9	Line Jetting: (including all staff equipment and other associated costs)	per linear foot	$5.66	10600	$59,996.00
	TOTAL SUM BID (Items 1 through 9)				$391,209.60

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

HOUSTON & HARRIS PCS, INC.

By:_____ Date: _____

Larry Houston, Vice President

CITY OF REDLANDS
OFFICE OF THE CITY CLERK
BID OPENING REPORT

The following bids were opened on the **16th day of March, 2022**, at **10:00 a.m.** on behalf of the Municipal Utilities and Engineering Department for **On Call Sewer Collections System Maintenance-20220301-01WW**. The bid amounts have not been checked and are subject to correction after the bids have been completely reviewed.

No.	Plan Holder's Name	Bid Signed	Addenda Acknowledged (1)	Bid Amount
1	Houston & Harris, Grand Terrace CA	Yes	No	$391,209.60

Jeanne Donaldson, City Clerk
City of Redlands, California

emailed: Councilmembers,
City Manager, City Treasurer, PIO, Press
Department Head: John Harris
Staff: Christian Duenez

HOUSTON HARRIS PCS, Inc.

On-Call Sewer

Collection System Maintenance Support

Bid # 20220301-01WW

Due Date:
March 1, 2022
10:00AM

Original

PART 2

REQUEST FOR BID #20220301-01WW
On-Call Sewer Collection System Maintenance Support

BID DOCUMENTS COVER PAGE	
Name of Firm, Entity or Organization:	Houston & Harris PCS, Inc.
Federal Employer Identification Number (EIN):	46-0495452
State of California License Number (if applicable):	884167
Name of Contact person:	Larry Houston
Title:	Vice President
Email address:	lhouston@houstonandharris.com
Mailing Address:	21831 Barton Road
Street Address (if different):	
City, State, Zip:	Grand Terrace, CA 92313
Telephone: 909-422-8990 **Fax:**	909-422-0481
Organization: (check one) Corporation: ☑ Partnership: ☐ Proprietorship: ☐ Joint Venture: ☐ Other: ☐	
If Corporation: Date of Incorporation:	06-22-2002 State of Incorporation: California
States Registered in as Foreign Corporation:	
Authorized Signature:	
Print Name:	Larry Houston
Signature:	Larry Houston
Title:	Vice President
Phone:	909-422-8990

This document must be completed and returned with your submittal.

BIDDER CERTIFICATION	
On-Call Sewer Collection System Maintenance Support	
Submit To: City of Redlands	
Office of the City Clerk 35 Cajon Street, Suite 4 Redlands, CA 92373	**City of Redlands** **Request for Bid (RFB Certification** **And Addenda Acknowledgment**
DUE DATE:	**DUE TIME:** / **REQUEST FOR BID**
Tuesday, March 15, 2022	10:00AM / #20220301-01WW
BIDDER NAME: Houston & Harris PCS, Inc.	**PHONE NUMBER:** 909-422-8990
BIDDER MAILING ADDRESS: 21831 Barton Road	**FAX NUMBER:** 909-422-0841
CITY/STATE/ZIP Grand Terrace, CA 92313	**E-MAIL ADDRESS:** lhouston@houstonandharris.com

"I, the undersigned, certify that I have reviewed the addenda listed below (list all addenda received to date). I understand that timely commencement will be considered in award of this REQUEST FOR BID and that cancellation of award will be considered if commencement time is not met, and that untimely commencement may be cause for assessment of liquidated damages claims. I further certify that the services will meet or exceed the REQUEST FOR BID requirements. I, the undersigned, declare that I have carefully examined the REQUEST FOR BID, specifications, terms and conditions as applicable for this Request, and that I am thoroughly familiar with all provisions and the quality and type of coverage and services specified. I further declare that I have not divulged, discussed, or compared this REQUEST FOR BID with any other Offer or and have not colluded with any offertory or parties to a REQUEST FOR BID whatsoever for any fraudulent purpose."

Addendum #	Addendum #	Addendum #	Addendum #	Addendum #

"I certify that this quote is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting an REQUEST FOR BID for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this REQUEST FOR BID and certify that I am authorized to sign this response and that the offer is in compliance with all requirements of the REQUEST FOR BID, including but not limited to certification requirements. In conducting offers with an agency for the City of Redlands respondent agrees that if this bid is accepted, the respondent will convey, sell, assign, or transfer to the City all rights, title and interest in and to all causes of action it may now or hereafter acquire under the anti-trust laws of the United States for price fixing relating to the particular commodities or services purchased or acquired by the City. At the City's discretion, such assignment shall be made and become effective at the time the purchasing agency renders final payment to the respondent."

Larry Houston, Vice President	Larry Houston	03-14-2022
Authorized Bidder Name, Title (Print)	Authorized Signature	Date

This form must be completed and returned with your Submittal

FIRM INFORMATION/ORGANIZATION	
CONTRACT MANAGEMENT CONTACT INFORMATION	
SHOP OWNER OR MANAGER	
NAME	Larry Houston
TITLE	Vice President
OFFICE PHONE	909-422-8990
CELL	909-721-1756
FAX	
HOURS AVAILABLE	7:00AM - 4:00PM
CONTRACT MANAGER	
NAME	Brad Houston
TITLE	Operations Manager
OFFICE PHONE	909-422-8990
CELL	909-721-2708
FAX	
HOURS AVAILABLE	7:00AM - 4:00PM
ALTERNATE CONTACT	
NAME	Pamela Houston
TITLE	President
OFFICE PHONE	909-422-8990
CELL	
FAX	
HOURS AVAILABLE	
EMERGENCY CONTACT/ AFTER HOURS CONTACT	
NAME	Brad Houston
TITLE	Operations Manager
OFFICE PHONE	909-422-8990
CELL	909-721-2708
FAX	
HOURS AVAILABLE	24 Hours

Executive Summary & Firm Experience

Houston & Harris PCS, *Inc.* was established in June 1988, starting as a partnership and incorporating in 2002 for the purpose of providing quality video pipe inspection and hydro-washing of sewer, storm drain and water lines to private contractors, engineering firms, municipalities and other government agencies.

Houston & Harris PCS, Inc. uses ***Vactor 2100 Series combination cleaning vehicles*** for all our debris removal projects. Vactor units have both 9 and 12 yard debris tanks along with Positive Displacement blowers. All combination vehicles have the capabilities of 80 GPM at 2500 PSI. Units can be equipped with specialized nozzles, chain flails, root saws, and flex hose for remote access or hydro-excavation attachments to handle any situation, which the client might require. To accommodate difficult access such as small streets or damage sensitive areas, we utilize a ***Pacific Power Vac.*** To aid in site efficiency we have added ***Vactor Ram Jet, Vactor Jet Rodder Recyclers*** and ***Hino 1500 Gallon Water Truck*** to our equipment inventory. For projects with environmental issues, portable storage bins can be utilized to remove all debris from the location and be disposed of in approved dumping facilities.

With ***34 years' experience*** in the field, Houston & Harris remains committed to the continued high quality service provided for the public works industry.

Key Personnel

Project Manager	Brad Houston	909-721-2708
Direct City Liaison		
Scheduling & Field Supervision		
Assistant Project Manager	Larry Houston	909-721-1756
Direct City Liaison		
Scheduling & Field Supervision		

21831 Barton Road
Grand Terrace, CA 92313
909-422-8990 P 909-422-0841 F
CA #884167

References

The City of Orange
300 E. Chapman Avenue
Orange, CA 92866

Contact:	Ruben Hernandez	714-532-6480 rhernandez@cityoforange.org

Houston & Harris has been responsible for cleaning the City's sewer system beginning in 2015 and have provided Emergency Cleaning Services as well as CCTV Inspection when required. This is an ongoing contract.

Larry Houston serves as Project Manager, with Brad Houston providing support and scheduling.

Jurupa Valley Community Services District
11201 Harrel Street
Mira Loma, CA 91752

Sanitary Sewer Cleaning and Inspection Services		JCSD C215084-1, C215084-2, C215084-3 C215084-4 & C215084-5
Contact:	Ashish Marwah	951-685-7434 amarwah@jcsd.us

Houston & Harris has been responsible for Cleaning & Video Inspection throughout the Districts sewer system consisting of five (5) area contracts beginning In September of 2021. These are ongoing projects.

Brad Houston serves as Project Manager, with Larry Houston providing support and scheduling.

Coachella Valley Water District
75-515 Hovley Lane East
Palm Desert, CA 92211

Contact:	Felix Banuelos	760-574-9674 Fbanuelos@cvwd.org

Houston & Harris began a contract for cleaning the district's sewer system beginning in 2017 and have provided CCTV Inspection throughout the district. This is an ongoing contract.

Larry Houston serves as Project Manager, with Brad Houston providing support and scheduling.

Redlands Regular Meeting 06-07-2022

PART 4

BID # 20220301-01WW

On-Call Sewer Collection System Maintenance Support

Item No.	Description: **On-Call Sewer Collection System Maintenance Support**	Unit	Cost per Unit (A)	Total Quantity (B)	Total Extended Price (A x B)
1	Combination Vehicle: Mon-Fri 7:00 am - 5:00 pm	per hour	$ 484.84	80	$ 38,787.20
2	Combination Vehicle: After Hours Mon-Fri 5:00 pm - 7:00 am and Weekends	per hour	$597.59	80	$ 47,807.20
3	Combination Vehicle: City Holidays	per hour	$597.59	80	$ 47,807.20
4	Staff (1): Mon-Fri 7:00 am -5:00 pm	per hour	$100.00	160	$ 16,000.00
5	Staff (1): Mon-Fri 5:00 pm-7:00 am and Weekends	per hour	$200.00	160	$ 32,000.00
6	Staff (1): City Holidays	per hour	$200.00	160	$ $32,000.00
7	Sewer Main Line Cleaning: (including all staff, equipment, and other associated costs)	per linear foot	$5.66	10600	$ 59,996.00
8	Sewer Main Line CCTV: Inspection (including all staff equipment and other associated costs)	per linear foot	$5.36	10600	$ 56,816.60
9	Line Jetting: (including all staff equipment and other associated costs)	per linear foot	$5.66	10600	$ 59,996.00
	TOTAL SUM BID (Items 1 through 9)				$ 391,209.60

Redlands Regular Meeting 06-07-2022

For any item(s) that do not have price listed in the item list you are bidding on, vendor shall offer the best available government pricing, the City will pay up to 20% above manufacturers cost.

Please indicate the not-to exceed percent (%) mark-up you offer: 15%.

CONTRACT TERM (Please Complete)

The City may ☑ or may not ☐ exercise its option to renew this agreement as stipulated under the same price, terms and conditions for a period one ☑ two ☐ three ☐ additional year(s).

Signature _____ Title Vice President Date 03-14-2022

1529 of 1593

"A City That Works"

City Council/Successor Agency Meeting **K. 10.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of an agreement with Mariposa Landscapes, Inc., in the amount of $308,072.44 for Sports Field Maintenance; and determination that approval of the agreement is not subject to environmental review pursuant to Section 15301 of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motions are provided:

1. I move that the City Council determine that approval of the agreement is categorically exempt from environmental review in accordance with Section 15301 of the State's guidelines implementing the California Environmental Quality Act; and

2. I move that the City Council award an agreement to Mariposa Landscapes, Inc., in the amount of $308,072.44 for Sports Field Maintenance.

RECOMMENDATION:

Staff recommends that City Council award the agreement to Mariposa Landscapes, Inc., in the amount of $308,072.44 for sports field maintenance services and determine that approval of the agreement is categorically exempt from environmental review in accordance with Section 15301 of the State's guidelines implementing the California Environmental Quality Act.

DISCUSSION:

The Facilities and Community Services Department coordinates the use of City sports fields for various sports, recreational activities, and programs. The City has a total of 19 recreational sports fields located within 5 of the City's parks. These parks include Crafton Park, Redlands Sports Complex, Community Park, Brookside Park, and Texonia Park. On June 15, 2021, City Council adopted an Athletic Field Allocation Policy, pursuant to Resolution No 8210. The policy established a process for field space allocation based on priorities and objectives such as safe, quality fields for use by Redlands residents; maximize playtime through efficient rescheduling; turf recovery periods to maintain safe quality fields; fair and equitable distribution of available fields; transparency and consistency in scheduling; communicate expectations for field use; and adequately fund field maintenance and long-term capital needs.

Subsequently, after the adoption of the policy City Council adopted Resolution No. 8257 on November 2, 2021, for the establishment of field rental fees. The fees are intended to recover costs for field maintenance and further support city recreational programs. The fees adopted were based on existing agreements and the desire to maintain affordable options for residents. City staff performs the routine maintenance and oversight of these park areas; in addition to utilizing outside contractual services on an as-needed basis. These additional outside services help ensure consistent maintenance and also allow staff to focus on more specialized tasks within the City's park system.

In accordance with the City's procurement policy, staff advertised a Request for Bids, and on March 10, 2022, the City Clerk's office received and opened two bids. The bids were reviewed by staff to determine if they were responsible to the bid requirements. Staff concluded the lowest bidder is in conformance with the bid documents and specifications based on the bid, and staff's review. Mariposa Landscapes, Inc. was determined to be the lowest responsible and responsive bidder. The case bid amounts are included below:

BIDDER	BID AMOUNT
Mariposa Landscapes, Inc., Irwindale, CA	$308,072.44
Imperial Landscape, Inc., Guasti, CA	$420,035.23

Furthermore, approval of this agreement is categorically exempt from environmental review in accordance with Section 15301, existing facilities. This section pertains to the maintenance of existing landscape facilities.

ALTERNATIVES:

The City Council may elect not to award the agreement with Mariposa Landscapes, Inc., and provide alternative direction to staff.

STRATEGIC PLAN:

Supports Priority A, Objective 4: Enhance recreational program opportunities

SUBMITTED BY:
Chris Boatman, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Kathleen Giorgianni, Senior Administrative Assistant

Fiscal Impact

Fiscal Year:	2021-2022
Revenue Generating:	No
Appropriation Required Y/N:	No
Amount:	308,072.44
Budgeted Y/N:	Yes
Account No.:	101303

Discussion:

The agreement for the subject services is based on unit pricing. This type of agreement will allow the City to scale the services provided based on the approved budget. The costs are also offset by revenue collected from users to help support field maintenance.

Attachments

Clerk's Bid Report
Agreement

CITY OF REDLANDS
OFFICE OF THE CITY CLERK
BID OPENING REPORT

The following bids were opened on the **16th day of March 2022 at 11:30 a.m.** on behalf of the Facilities and Community Services Department for **Street Sweeping Services – FCS02252022KG**. The bid amounts have not been checked and are subject to correction after the bids have been completely reviewed.

No.	Plan Holder's Name	Bid Signed	Addenda Acknowledged (N/A)	Total Bid Amount
1	Green Earth Cleaning Solutions, Highland CA	Yes	N/A	$345,000.00
2	Guardian Street Sweeping, Anaheim CA	Yes	N/A	$555,710.56
3	CleanStreet, Gardena CA	Yes	N/A	$956,341.10

Jeanne Donaldson, City Clerk
City of Redlands, California

Emailed: Councilmembers,
City Manager, City Treasurer, PIO, Press
Department Head: Chris Boatman
Staff: Kathleen Giorgianni

AGREEMENT TO PERFORM NON-PROFESSIONAL SERVICES
FOR IMPROVEMENT TO PUBLIC BUILDINGS AND GROUNDS

This agreement for the provision of sports field maintenance ("Agreement") is made and entered in this 7th day of June, 2022 ("Effective Date"), by and between the City of Redlands, a municipal corporation ("City") and Mariposa Landscapes, Inc., a California corporation ("Contractor"). City and Contractor are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Contractor agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONTRACTOR

1.1 City hereby engages Contractor to perform sports field maintenance services for City (the "Services"). The Services that Contractor shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by this reference.

1.2 The Services shall be performed by Contractor in a professional manner, and Contractor represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional Contractors in the industry providing like and similar types of Services.

ARTICLE 2 – RESPONSIBILITIES OF CONTRACTOR

2.1 Contractor shall comply with all applicable federal, state and local laws and regulations in the performance of the Services including, but not limited, to all applicable Labor Code and prevailing wage laws and non-discrimination laws, including the Americans with Disabilities Act. Pursuant to Labor Code section 1773.2, copies of the prevailing rates of per diem wages as determined by the Director of the California Department of Industrial Relations for each craft, classification or type of worker needed to undertake the Services are on file at City's Municipal Utilities and Engineering Department, located at the Civic Center, 35 Cajon Street, Suite 15A (Mailing: P.O. Box 3005), Redlands, California 92373.

2.2 Contractor acknowledges that if it violates the Labor Code provisions relating to prevailing wages that City may enforce such provisions by withholding payments to Contractor or its subcontractors pursuant to Labor Code section 1771.6.

2.3 If Contractor executes an agreement with a subcontractor to perform any portion of the Services, Contractor shall comply with Labor Code sections 1775 and 1777.7, and shall provide the subcontractor with copies of the provisions of Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815. Contractor acknowledges that the statutory provisions establishing penalties for failure to comply with state wage and hour laws and to pay prevailing wages may be enforced by City pursuant to Labor Code sections 1775 and 1813.

2.4 Contractor and its subcontractors shall comply with the provisions of Labor Code section 1776 regarding payroll records maintenance, certifications, retention and inspection.

2.5 Contractor acknowledges that eight (8) hours constitutes a legal day's work pursuant to

Labor Code section 1810.

2.6 Contractor shall comply with the provisions of Labor Code section 1777.5 as to apprenticeships, and Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815.

2.7 Pursuant to Public Contract Code section 7103.5(b), Contractor offers and agrees to assign to City all rights, title and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S.C. section 15) or under the Cartwright Act (Chapter 2 (commencing with section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, goods or materials pursuant to this Agreement.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City shall make available to Contractor information in its possession that may reasonably assist Contractor in performing the Services.

3.2 City designates Chris Boatman, Assistant City Manager, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 The Services shall commence as of the Effective Date of this Agreement. Contractor shall perform and complete the Services in a prompt and diligent manner in accordance with the schedule set forth in Exhibit "A," which is attached hereto and incorporated herein by this reference.

4.2 The term of this Agreement shall commence on its Effective Date for one year (1) year "Initial Term"). The City shall have the option to extend the Initial Term of this Agreement by two (2) additional one-year terms (each, an "Extended Term"), on the same terms and conditions, by providing written notice to Contractor at least thirty (30) days prior to the expiration of the Initial Term or any Extended Term. The Initial Term and the Extended Terms are hereby collectively, referred to herein as the "Term" of this Agreement.

4.3 Contractor shall furnish a labor and material bond in the form attached hereto as Exhibit "B," which is attached hereto and incorporated herein by this reference, in an amount equal to one hundred percent (100%) of the total compensation to be paid to Contractor pursuant to this Agreement.

ARTICLE 5 – PAYMENTS TO CONTRACTOR

5.1 The compensation for Contractor's performance of the Services shall not exceed the amount of Three Hundred Eight Thousand Six Hundred Thirty One Dollars and Forty Six Cents ($308,631.46) for the Services provided during the Initial Term. Should this Agreement be renewed, the compensation for Contractor's performance for the Services shall not exceed the amount of Three Hundred Eight Thousand Six Hundred Thirty One Dollars and Forty Six Cents ($308,631.46) for the first Extended Term; and Three Hundred

Eight Thousand Six Hundred Thirty One Dollars and Forty Six Cents ($308,631.46) for the second Extended Term, bringing the total possible amount of compensation to a not-to-exceed amount of Nine Hundred Twenty Five Thousand, Eight Hundred Ninety Four Dollars and Thirty Eight Cents ($925,894.38). For the Initial Term and each Extended Term, City shall pay Contractor on a time and materials basis up to the not to not-to-exceed amount in accordance with the rates specified in Exhibit "C," titled "Price and Fee Bid," which is attached hereto and incorporated herein by reference.

5.2 Contractor shall submit monthly invoices to City describing the Services performed during the preceding month. Contractor's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom. City shall pay Contractor no later than thirty (30) days after receipt and approval by City of Contractor's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF), if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY	CONTRACTOR
City Clerk City of Redlands 35 Cajon Street P.O. Box 3005 (mailing) Redlands, CA 92373 jdonaldson@cityofredlands.org (909) 798-7531	Terry Noriega, President Mariposa Landscapes, Inc. 6232 Santos Diaz Street Irwindale, CA 91702 kevin.coon@mariposa-ca.com 626-960-0196

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Contractor for the duration of its performance of the Services. Contractor shall not perform any Services unless and until the required insurance listed below is obtained by Contractor. Contractor shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Contractor is self-insured or exempt from the workers' compensation laws of

the State of California. Contractor shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Contractor owned vehicles used in connection with Contractor's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

6.2 Contractor shall defend, indemnify, and hold harmless City and its elected and appointed officials, employees and agents from and against any and all claims, losses and liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of, Contractor, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Contractor covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Contractor's Services. Contractor further covenants and represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Contractor agrees it is not a designated employee within the meaning of the Political Reform Act because Contractor:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;
(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;
(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Contractor must disclose its financial interests, Contractor shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Contractor shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, results in City's immediate termination of this Agreement.

8.3 Contractor is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor any of its agents shall have control over the conduct of Contractor or Contractor's employees, except as herein set forth. Contractor shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Contractor are for its account only, and in no event shall Contractor or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Contractor shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Contractor have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Contractor of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Contractor's compensation shall be made, but (i) no amount shall be allowed for anticipated profit or unperformed Services, and (ii) any payment due Contractor at the time of termination may be adjusted to the extent of any additional costs to City occasioned by any default by Contractor. Upon receipt of a termination notice, Contractor shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by Contractor in performing the Services. Contractor shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Contractor shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Contractor pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Contractor.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Contractor.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California, without regard to its conflicts of laws provisions. The Parties agree that all actions or proceedings arising in connection with this Agreement shall be tried and litigated only in the state courts located in San Bernardino County, California, and the federal courts located in Riverside County, California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Contractor have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul T. Barich, Mayor

ATTEST:

_____
Jeanne Donaldson, City Clerk

MARIPOSA LANDSCAPES, INC.

By: _____
Terry Noriega, President

EXHIBIT "A"

SCOPE OF SERVICES

Various maintenance items are performed weekly, while other maintenance items are performed annually, semi-annually or 10 months per year, depending upon game schedules. The successful bidder will have ten (10) years of experience in maintaining similar sports fields, all personnel providing on-site services will be required to wear company uniform shirts and photo ID badges. Emergency Service response time must be no longer than 60 minutes from call to site arrival, and may occur from time to time.

Tasks such as field striping, field dragging and infield leveling may be required on Saturdays and Sundays, depending upon game schedules. A schedule will be provided to contractor prior to issuance of Purchase Order.

All equipment, vehicles, fuel fees, trip charges, labor and materials, etc. are to be supplied by contractor and included in bid pricing.

Irrigation repairs up to $500.00 shall be performed by the contractor (time and material). Contractor shall defer to city staff for irrigation repairs exceeded $500.00.

Pest control (gophers) and tree maintenance are not included in this Scope of Work. Please see definitions of service below.

PARK NAME	LOCATION	ACRES
Brookside Park	1631 Brookside Avenue	1.25
Texonia Park	1321 Texas Street	2.24
Crafton Park	1741 Independence Avenue	2
Israel Beal Park	140 W. Riverview Drive	1.42
Community Park	1535 N. Church Street	7.65
Orangewood Field	515 Texas Street	3.01
Clement Field	400 Block of San Bernardino Avenue	4.92

EXHIBIT "B"

LABOR AND MATERIAL BOND

Whereas, the City of Redlands, State of California, and _____ _____(hereinafter designated as "Principal") have entered into an agreement (the "Agreement") whereby Principal agrees to Description of Improvement Services to Public Buildings and/or grounds (the "Work"), which said agreement, dated _____, 20XX, and titled as "Agreement to Perform Non-Professional Services for Improvement to Public Builds and Grounds" is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, Principal is required before commencing the performance of the Work, to file a good and sufficient Labor and Material bond with the City of Redlands to secure the claims to which reference is made in Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code of the State of California.

Now, therefore, said Principal and the undersigned as corporate surety, are held firmly bound unto the City and all contractors, subcontractors, laborers, material men and other persons employed in the performance of the Agreement and referred to in the aforesaid Code of Civil Procedure in the sum of Written dollar amount Dollars ($_____) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof, this instrument has been duly executed by the Principal and surety above named, on _____, 20__.

(SEAL)	(SEAL)
_____	_____
(Contractor)	(Surety) BY:
_____	_____
(Signature)	(Signature)
	Address: _____ _____
(Seal and Notarial Acknowledgment of Surety)	Telephone( ) _____

EXHIBIT "C"

("Fee Schedule/ Price and Fee Bid")
SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID A - IRRIGATION REPAIRS ALL PARKS

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per Hour	*C Total Price in Figures
A1	Irrigation Repair	100 Hours	$70.79	$7078.01

IRRIGATION REPAIRS – HOURLY RATE TO INCLUDE PARTS AND LABOR

Markup on Parts 15%

BASE BID B – BROOKSIDE PARK (1.25 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
B1	Turf Mowing, Edging, String Trimming and Blowing	40	$48.84	$1953.73
B2	Irrigation Test/Monitor	40	$32.50	$1300.00
B3	Field Striping (performed 10 months per year, 4 times per month)	40	$113.97	$4558.69
B4	Lighting Test/Monitor (once monthly)	12	$47.50	$570.00
B5	Fertilizing	2	$728.34	$1456.68
B6	Aerification	1	$427.30	$427.30
B7	Verti-cutting	1	$2504.43	$2504.43
B8	Thatching	1	$2504.43	$2504.43
B9	Over-seeding	1	$3043.46	$3043.46
B10	Top Dressing	1	$1846.23	$1846.23
***"A" x "B" = "C" TOTAL**				$20,124.95

SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID C - TEXONIA PARK (2.24 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
C1	Turf Mowing, Edging, String Trimming and Blowing	40	$90.65	$3626.11
C2	Irrigation Test/Monitor	40	$32.50	$1300.00
C	Field Striping (performed 10 months per year, 4 times per month)	40	$211.52	$8460.93
C4	Lighting Test/Monitor (once monthly)	12	$87.50	$570.00
C5	Fertilizing	2	$1351.79	$2703.58
C6	Aerification	1	$0.0078475	$793.06
C7	Verti-cutting	1	$0.0459949	$4648.21
C8	Thatching	1	$0.0459949	$4648.21
C9	Over-seeding	1	$5648.66	$5648.66
C10	Top Dressing	1	$3426.60	$3426.60
***"A" x "B" = "C"** **TOTAL**				$35,825.36

SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID D - CRAFTON PARK (2 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
D1	Turf Mowing, Edging, String Trimming and Blowing	40	$77.76	$3110.33
D2	Irrigation Test/Monitor	40	$32.50	$1300.00
D3	Field Striping (performed 10 months per year, 4 times per month)	40	$181.44	$7257.44
D4	Lighting Test/Monitor (once monthly)	12	$47.50	$570.00
D5	Fertilizing	2	$1159.51	$2319.02
D6	Aerification	1	$680.26	$680.26
D7	Verti-cutting	1	$3987.04	$3987.04
D8	Thatching	1	$3987.04	$3987.04
D9	Over-seeding	1	$3426.60	$3426.60
D10	Top Dressing	1	$2939.19	$2939.19
***"A" x "B" = "C" TOTAL**				$29,576.92

SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID E - ISRAEL BEAL (1.42 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
E1	Turf Mowing, Edging, String Trimming and Blowing	40	$55.88	$2235.06
E2	Irrigation Test/Monitor	40	$32.50	$1300.00
E3	Field Striping/Infield Leveling/Dragging (performed 10 months per year, 4 times per month)	40	$130.38	$5215.14
E4	Lighting Test/Monitor (once monthly)	12	$47.50	$570.00
E5	Fertilizing	2	$833.22	$1666.44
E6	Aerification	1	$488.83	$488.83
E7	Verti-cutting	1	$2865.06	$2865.06
E8	Thatching	1	$2865.06	$2865.06
E9	Over-seeding	1	$3481.72	$3481.72
E10	Top Dressing	1	$2112.08	$2112.08
***"A" x "B" = "C"** **TOTAL**				$22,799.39

SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID F – COMMUNITY PARK (7.65 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
F1	Turf Mowing, Edging, String Trimming and Blowing	40	$241.48	$9659.22
F2	Irrigation Test/Monitor	40	$97.50	$3900.00
F3	Field Striping/Infield Leveling/Dragging (performed 10 months per year, 4 times per month)	40	$563.45	$22538.17
F4	Lighting Test/Monitor (once monthly)	12	$142.50	$1710.00
F5	Fertilizing	2	$3600.89	$7201.78
F6	Aerification	1	$2112.55	$2112.55
F7	Verti-cutting	1	$12381.88	$12381.88
F8	Thatching	1	$12381.88	$12381.88
F9	Over-seeding	1	$15046.85	$15046.85
F10	Top Dressing	1	$9127.74	$9127.74
***"A" x "B" = "C"** **TOTAL**				$96,060.07

SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID G – ORANGEWOOD FIELDS (3.01 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
G1	Turf Mowing, Edging, String Trimming and Blowing	40	$89.48	$3579.22
G2	Irrigation Test/Monitor	40	$32.50	$1300.00
G3	Field Striping/Field Leveling/Dragging (performed 10 months per year, 4 times per month)	40	$208.79	$8351.52
G4	Lighting Test/Monitor (once monthly)	12	$47.50	$570.00
G5	Fertilizing	2	$1334.31	$2668.62
G6	Aerification	1	$782.81	$782.81
G7	Verti-cutting	1	$4588.11	$4588.11
G8	Thatching	1	$4588.11	$4588.11
G9	Over-seeding	1	$5575.61	$5575.61
G10	Top Dressing	1	$3382.29	$3382.29
***"A" x "B" = "C" TOTAL**				$35,386.29

SPORTS FIELD MAINTENANCE
FCS02232022KG

BASE BID H – CLEMENT FIELDS (4.92 ACRES)

Item No.	Brief Description	*A Annual Quantity	*B Unit Price Per	*C Total Price in Figures
H1	Turf Mowing, Edging, String Trimming and Blowing	40	$166.85	$6673.93
H2	Irrigation Test/Monitor	40	$65.00	$2600.00
H3	Field Striping/Infield Leveling (performed 10 months per year, 4 times per month)	40	$389.31	$15572.49
H4	Lighting Test/Monitor (once monthly)	12	$95.00	$1140.00
H6	Aerification	1	$1459.64	$1459.64
H7	Verti-cutting	1	$8555.12	$8555.12
H8	Thatching	1	$8555.12	$8555.12
H9	Over-seeding	1	$10396.45	$10396.45
H10	Top Dressing	1	$6306.71	$6306.71
***"A" x "B" = "C"** **TOTAL**				$61,259.46

SPORTS FIELD MAINTENANCE
FCS02232022KG

BID SUBTOTALS		
A	Irrigation Repairs	$ 7,078.01
B	Brookside Park	$20,164.95
C	Texonia Park	$35,825.36
D	Crafton Park	$29,576.92
E	Isreal Beal Park	$22,799.39
F	Community Park	$96,060.07
G	Orangewood Fields	$35,386.29
H	Clement Fields	$61,259.46

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

MARIPOSA LANDSCAPES, INC.

By:_____ Date: _____

Terry Noriega, President

"A City That Works"

City Council/Successor Agency Meeting **K. 11.**

DATE: 06/07/2022

TO: Honorable Mayor and City Council Members

SUBJECT: Consideration of a Single Source Agreement with Yunex, LLC for Traffic Signal Systems Maintenance services in an amount not-to-exceed $2,000,000 and determination that the project is not subject to environmental review pursuant to Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act (Assistant City Manager Boatman)

MOTION(S):

If the City Council determines that staff's recommendation is appropriate, the following motions are provided:

1. I move that the City Council determine that the project is categorically exempt from environmental review in accordance with Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act.

2. I move to approve the Single Source Agreement with Yunex, LLC for Traffic Signal Systems Maintenance in an annual amount not-to-exceed $400,0000 for a period of two years, with three additional one-year renewal options, for a possible agreement total amount not-to-exceed $2,000,000.

RECOMMENDATION:

Staff recommends that the City Council approve the Single Source Agreement with Yunex, LLC for Traffic Signal Systems Maintenance in an annual amount not to exceed $400,000 for an initial term of two years, with the option to extend the initial term of the agreement by three (3) additional one-year terms, for a possible agreement total not-to-exceed $2,000,000. Staff further recommends that the City Council determine that the project is categorically exempt from environmental review in accordance with Section 15301(c) of the State's guidelines implementing the California Environmental Quality Act.

DISCUSSION:

The Facilities and Community Services Departments' Street Division maintains seventy-two traffic signals with three additional signals scheduled for installation in 2022. With the introduction of new signal technology, maintenance has become more specialized and difficult to maintain with city staff. In addition, the development of the Redlands Passenger Rail Project (RPRP) coordinated signal systems were introduced into the existing system that require specialized outside contractual services to establish and maintain. In order to address the growing demand and technical expertise required to operate the new systems, staff advertised a request for proposals for traffic signal maintenance. Yunex, LLC was one of six firms that responded to the City's Request for Proposal (RFP) for Traffic Signal Systems Maintenance on January 27, 2022. Written proposals were evaluated and ranked, based on firm qualifications and responsiveness to the requirements of the City's RFP for Traffic Signal Systems Maintenance. Based on the firm's unique qualifications, Yunex, LLC was selected as the firm most qualified to perform the services as requested in the City's RFP.

Upon further review of the firms qualifications, it was determined that a single source agreement with Yunex, LLC was appropriate for the specialized contractual services requested by the City. Staff recommends that a single source award is appropriate because of the highly specialized nature of the McCain traffic signal cabinets and the limited number of vendors in the vicinity who are qualified to work on these systems. Further, Yunex, LLC was the only RFP respondent to include an existing strong supplier relationship with McCain (Traffic Signal System manufacturer of the RPRP), the resources to successfully obtain parts and IT coordination on the new RPRP Traffic Signal Systems, and the only company with existing staff that has the professional experience and technical training to successfully complete the required traffic signal maintenance and repairs to all traffic signal systems city-wide. The attached Single Source Agreement includes city-wide maintenance of all traffic signals. The cost schedule includes unit pricing for parts, labor, and services, including emergency call-outs. Standard industry costs for traffic signal cabinet replacement range from $20,000 to $100,000. By the same metric, traffic signal poles range from $1,000 to $17,000. Annual expenditures will be made based on need and funding availability within the approved operating budget.

Approval of the Single Source Agreement with Yunex LLC for Traffic Signal Systems Maintenance has been determined to be categorically exempt from environmental review pursuant to CEQA in accordance with Section 15301(c) such that the agreement will allow maintenance and installation on existing facilities.

ALTERNATIVES:

The City Council may elect not to award the agreement with Yunex, LLC and provide alternative direction to staff.

STRATEGIC PLAN:

Supports Priority D - Sustainability

SUBMITTED BY:
Chris Boatman, Assistant City Manager

RECOMMENDED BY:
Charles M. Duggan Jr., City Manager

REVIEWED BY:
Yvette M. Abich Garcia, City Attorney
Janice McConnell, Assistant City Manager
Danielle Garcia, Management Services/Finance Director

PREPARED BY:
Kathleen Giorgianni, Senior Administrative Assistant

Fiscal Impact

Fiscal Year:	FY 2022-23
Amount:	400,000
Budgeted Y/N:	Yes
Account No.:	101304

Discussion:

Funding for this service is included in the Streets and Electrical Operating Budget request for FY 2022-24. The cost schedule for the agreement includes unit pricing and the work that is authorized in future years will be based on available funding within the approved budget.

Attachments

A. Agreement with Yunex

B. Sole-Single Source Request Form

AGREEMENT TO PERFORM NON-PROFESSIONAL SERVICES
FOR IMPROVEMENT TO PUBLIC BUILDINGS AND GROUNDS

This agreement for the provision of traffic signal systems maintenance ("Agreement") is made and entered in this 7th day of June, 2022 ("Effective Date"), by and between the City of Redlands, a municipal corporation and general law city ("City") and Yunex, LLC, a California limited liability company ("Contractor"). City and Contractor are sometimes individually referred to herein as a "Party" and, together, as the "Parties." In consideration of the mutual promises contained herein, City and Contractor agree as follows:

ARTICLE 1 – ENGAGEMENT OF CONTRACTOR

1.1 City hereby engages Contractor to perform traffic signal systems maintenance services for City (the "Services"). The Services that Contractor shall perform are more particularly described in Exhibit "A," titled "Scope of Services," which is attached hereto and incorporated herein by this reference.

1.2 The Services shall be performed by Contractor in a professional manner, and Contractor represents that it has the skill and the professional expertise necessary to provide the Services to City at a level of competency presently maintained by other practicing professional Contractors in the industry providing like and similar types of Services.

ARTICLE 2 – RESPONSIBILITIES OF CONTRACTOR

2.1 Contractor shall comply with all applicable federal, state and local laws and regulations in the performance of the Services including, but not limited, to all applicable Labor Code and prevailing wage laws and non-discrimination laws, including the Americans with Disabilities Act. Pursuant to Labor Code section 1773.2, copies of the prevailing rates of per diem wages as determined by the Director of the California Department of Industrial Relations for each craft, classification or type of worker needed to undertake the Services are on file at City's Municipal Utilities and Engineering Department, located at the Civic Center, 35 Cajon Street, Suite 15A (Mailing: P.O. Box 3005), Redlands, California 92373.

2.2 Contractor acknowledges that if it violates the Labor Code provisions relating to prevailing wages that City may enforce such provisions by withholding payments to Contractor or its subcontractors pursuant to Labor Code section 1771.6.

2.3 If Contractor executes an agreement with a subcontractor to perform any portion of the Services, Contractor shall comply with Labor Code sections 1775 and 1777.7, and shall provide the subcontractor with copies of the provisions of Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815. Contractor acknowledges that the statutory provisions establishing penalties for failure to comply with state wage and hour laws and to pay prevailing wages may be enforced by City pursuant to Labor Code sections 1775 and 1813.

2.4 Contractor and its subcontractors shall comply with the provisions of Labor Code section 1776 regarding payroll records maintenance, certifications, retention and inspection.

2.5 Contractor acknowledges that eight (8) hours constitutes a legal day's work pursuant to Labor Code section 1810.

2.6 Contractor shall comply with the provisions of Labor Code section 1777.5 as to apprenticeships, and Labor Code sections 1771, 1775, 1776, 1777.5, 1813 and 1815.

2.7 Pursuant to Public Contract Code section 7103.5(b), Contractor offers and agrees to assign to City all rights, title and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S.C. section 15) or under the Cartwright Act (Chapter 2 (commencing with section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, goods or materials pursuant to this Agreement.

ARTICLE 3 – RESPONSIBILITIES OF CITY

3.1 City shall make available to Contractor information in its possession that may reasonably assist Contractor in performing the Services.

3.2 City designates Chris Boatman, Assistant City Manager, as City's representative with respect to performance of the Services, and such person shall have the authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to performance of the Services.

ARTICLE 4 – PERFORMANCE OF SERVICES

4.1 The term of this Agreement shall be for a period of three (3) years from the Effective Date of this Agreement (the "Initial Term"). The City shall have the option to extend the Initial Term of this Agreement by two (2) additional one-year terms (each, an "Extended Term"), on the same terms and conditions, by providing written notice to Contractor at least thirty (30) days prior to the expiration of the Initial Term or any Extended Term. The Initial Term and the Extended Terms are hereby collectively, referred to herein as the "Term" of this Agreement.

4.2 Contractor shall furnish a labor and material bond in the form attached hereto as Exhibit "B," which is attached hereto and incorporated herein by this reference, in an amount equal to one hundred percent (100%) of the total compensation to be paid to Contractor pursuant to this Agreement.

ARTICLE 5 – PAYMENTS TO CONTRACTOR

5.1 The compensation for Contractor's performance of the Services shall not exceed the amount of One Million Two Hundred Thousand Dollars ($1,200,000) for the Services provided during the Initial Term. Should this Agreement be extended, the compensation for Contractor's performance for the Services shall not exceed the amount of Four Hundred Thousand Dollars ($400,000) for the first Extended Term; and Four Hundred Thousand ($400,000) for the second Extended Term, bringing the total possible amount of compensation to a not-to-exceed amount of Two Million Dollars ($2,000,000). For the Initial Term and each Extended Term, City shall pay Contractor on a time and materials

basis up to the not to not-to-exceed amount in accordance with the rates specified in Exhibit "C," titled "Price and Fee Bid," which is attached hereto and incorporated herein by reference.

5.2 Contractor shall submit monthly invoices to City describing the Services performed during the preceding month. Contractor's invoices shall include a brief description of the Services performed, the dates the Services were performed, the number of hours spent and by whom. City shall pay Contractor no later than thirty (30) days after receipt and approval by City of Contractor's invoice.

5.3 Any notice or other communication required, or which may be given, pursuant to this Agreement, shall be in writing. Any such notice shall be deemed delivered (i) on the date of delivery in person; (ii) five (5) days after deposit in first class registered mail, with return receipt requested; (iii) on the actual delivery date if deposited with an overnight courier; or (iv) on the date sent by facsimile or electronic mail transmission (including PDF), if confirmed with a copy sent contemporaneously by first class, certified, registered or express mail; in each case properly posted and fully prepaid to the appropriate address set forth below, or such other address as a Party may provide notice in accordance with this section:

CITY	CONTRACTOR
City Clerk	Michael J. Hutchens, Operations Manager
City of Redlands	Yunex, LLC
35 Cajon Street	2250 Business Way
P.O. Box 3005 (mailing)	Riverside, CA 92501
Redlands, CA 92373	michael.hutchens@yunextraffic.com
jdonaldson@cityofredlands.org	951-784-6600
(909) 798-7531	951-784-6700

ARTICLE 6 – INSURANCE AND INDEMNIFICATION

6.1 The following insurance coverage required by this Agreement shall be maintained by Contractor for the duration of its performance of the Services. Contractor shall not perform any Services unless and until the required insurance listed below is obtained by Contractor. Contractor shall provide City with certificates of insurance and endorsements evidencing such insurance prior to commencement of the Services. Insurance policies shall include a provision prohibiting cancellation or modification of the policy except upon thirty (30) days prior written notice to City.

A. Workers' Compensation and Employer's Liability insurance in the amount that meets statutory requirements with an insurance carrier acceptable to City, or certification to City that Contractor is self-insured or exempt from the workers' compensation laws of the State of California. Contractor shall execute and provide City with Exhibit "D," titled "Workers' Compensation Insurance Certification," which is attached hereto and incorporated herein by this reference, prior to performance of the Services.

B. Comprehensive General Liability insurance with carriers acceptable to City in the

minimum amount of One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) aggregate, for public liability, property damage and personal injury is required. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

C. Business Auto Liability coverage, with minimum limits of One Million Dollars ($1,000,000) per occurrence, combined single limit bodily injury liability and property damage liability. This coverage shall include all Contractor owned vehicles used in connection with Contractor's provision of the Services, hired and non-owned vehicles, and employee non-ownership vehicles. City shall be named as an additional insured and such insurance shall be primary and non-contributing to any insurance or self-insurance maintained by City.

6.2 Contractor shall defend, indemnify, and hold harmless City and its elected and appointed officials, employees and agents from and against any and all claims, losses and liability, including attorneys' fees, arising from injury or death to persons or damage to property occasioned by any negligent act or omission by, or the willful misconduct of Contractor, or its officers, employees and agents in performing the Services.

ARTICLE 7 – CONFLICTS OF INTEREST

7.1 Contractor covenants and represents that it does not have any investment or interest in any real property that may be the subject of this Agreement or any other source of income, interest in real property or investment that would be affected in any manner or degree by the performance of Contractor's Services. Contractor further covenants and represents that in the performance of its duties hereunder, no person having any such interest shall perform any Services under this Agreement.

7.2 Contractor agrees it is not a designated employee within the meaning of the Political Reform Act because Contractor:

A. Does not make a governmental decision whether to:

(i) approve a rate, rule or regulation, or adopt or enforce a City law;
(ii) issue, deny, suspend or revoke any City permit, license, application, certification, approval, order or similar authorization or entitlement;
(iii) authorize City to enter into, modify or renew a contract;
(iv) grant City approval to a contract that requires City approval and to which City is a party, or to the specifications for such a contract;
(v) grant City approval to a plan, design, report, study or similar item;
(vi) adopt, or grant City approval of, policies, standards or guidelines for City or for any subdivision thereof.

B. Does not serve in a staff capacity with City and in that capacity, participate in making a governmental decision or otherwise perform the same or substantially the same duties for City that would otherwise be performed by an individual holding a position specified in City's Conflict of Interest Code under Government Code section 87302.

7.3 In the event City determines that Contractor must disclose its financial interests, Contractor shall complete and file a Fair Political Practices Commission Form 700, Statement of Economic Interests, with the City Clerk's office pursuant to the written instructions provided by the City Clerk.

ARTICLE 8 – GENERAL CONSIDERATIONS

8.1 In the event any action is commenced to enforce or interpret any of the terms or conditions of this Agreement the prevailing Party shall, in addition to any costs and other relief, be entitled to the recovery of its reasonable attorneys' fees, including fees for the use of in-house counsel by a Party.

8.2 Contractor shall not assign any of the Services, except with the prior written approval of City and in strict compliance with the terms and conditions of this Agreement. Any assignment or attempted assignment without such prior written consent may, in the sole discretion of City, results in City's immediate termination of this Agreement.

8.3 Contractor is for all purposes under this Agreement an independent contractor and shall perform the Services as an independent contractor. Neither City nor any of its agents shall have control over the conduct of Contractor or Contractor's employees, except as herein set forth. Contractor shall supply all necessary tools and instrumentalities required to perform the Services. Assigned personnel employed by Contractor are for its account only, and in no event shall Contractor or personnel retained by it be deemed to have been employed by City or engaged by City for the account of, or on behalf of City. Contractor shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent, nor shall Contractor have any authority, express or implied, to bind City to any obligation.

8.4 This Agreement may be terminated by City, in its sole discretion, by providing not less than five (5) days prior written notice to Contractor of City's intent to terminate. If this Agreement is terminated by City, an adjustment to Contractor's compensation shall be made, but (i) no amount shall be allowed for anticipated profit or unperformed Services, and (ii) any payment due Contractor at the time of termination may be adjusted to the extent of any additional costs to City occasioned by any default by Contractor. Upon receipt of a termination notice, Contractor shall immediately discontinue its provision of the Services and, within five (5) days of the date of the termination notice, deliver or otherwise make available to City, copies (in both hard copy and electronic form, where applicable) of project related data, design calculations, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by Contractor in performing the Services. Contractor shall be compensated on a pro-rata basis for Services completed up to the date of termination.

8.5 Contractor shall maintain books, ledgers, invoices, accounts and other records and documents evidencing costs and expenses related to the Services for a period of three (3) years, or for any longer period required by law, from the date of final payment to Contractor

pursuant to this Agreement. Such books shall be available at reasonable times for examination by City at the office of Contractor.

8.6 This Agreement, including the Exhibits incorporated herein by reference, represents the entire agreement and understanding between the Parties as to the matters contained herein, and any prior negotiations, written proposals or verbal agreements relating to such matters are superseded by this Agreement. Except as otherwise provided for herein, any amendment to this Agreement shall be in writing, approved by City and signed by City and Contractor.

8.7 This Agreement shall be governed by and construed in accordance with the laws of the State of California, without regard to its conflicts of laws provisions. The Parties agree that all actions or proceedings arising in connection with this Agreement shall be tried and litigated only in the state courts located in San Bernardino County, California, and the federal courts located in Riverside County, California.

8.8 If one or more of the sentences, clauses, paragraphs or sections contained in this Agreement is declared invalid, void or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair or invalidate the remaining sentences, clauses, paragraphs or sections contained herein, unless to do so would deprive a Party of a material benefit of its bargain under this Agreement.

IN WITNESS WHEREOF, duly authorized representatives of City and Contractor have signed in confirmation of this Agreement.

CITY OF REDLANDS

By: _____
Paul T. Barich, Mayor

YUNEX, LLC

By: _____
Michael Hutchens, Operations Manager

ATTEST:

_____
Jeanne Donaldson, City Clerk

EXHIBIT "A"

SCOPE OF SERVICES

A. General

The work to be done, in general, consists of routine preventative maintenance, extraordinary maintenance, and additional maintenance of traffic signal systems for locations that are the responsibility of the City of Redlands. The Contractor is to furnish all tools, equipment, supplies, apparatus, facilities, labor and material, transportation, and perform all work necessary to maintain in a good working order all traffic signal facilities, safety lights, preemption devices, video detection cameras and video processors (where present) and solar lighted crosswalks. The Contractor shall provide a written inventory of all maintenance items.

The initial contract for this work will be for a period of 2 years from the Notice of Award, with an additional three one-year extensions.

B. Standard Specifications

All services to be provided by the Contractor pursuant to this Agreement shall be provided by personnel experienced in their respective fields and in a manner consistent with the standards of care, diligence and skill ordinarily exercised by Contractors in similar circumstances in accordance with sound professional practices.

All work performed or equipment or parts supplied by the Contractor shall be subject to the inspection and approval of the City, or an authorized representative. Failure to pass inspection on any maintenance, repair and/or service item will result in non-payment for that item until such time as the Contractor can prove work completed to the satisfaction of the Project Manager.

C. Personnel

The Contractor shall provide at least one (1) full-time signal maintenance technician level III certification as a Traffic Signal Technician from the International Municipal Signal Association (IMSA) for each fifty (50) maintained signals locations unless otherwise approved by the City. All workers shall have IMSA Work Zone Safety certification and State mandated National Electrical Contractors (NEC) certification, unless otherwise approved by the City. Skilled laborers can make hardware repairs under the direct supervision of NEC/IMSA level III certified Traffic Signal Technician. The City reserves the right at all times to approve or deny the Contractor's assignment of personnel to the City. If appropriate, the Contractor shall replace any personnel assigned to the City whose performance or behavior is considered unacceptable by the City or the standards established per the proposal.

The contractor shall, at a minimum, have on their staff three (3) NEC/IMSA certified technicians' level III who are familiar with:

- NEMA TS 1, NEMA TS 2 Cabinets & Controllers
- Caltrans type 170 Cabinets & Controllers
- ATC Cabinets & Controllers
- Econolite's ASC/2, ASC/3, ASC-8000 controllers
- McCain's ATC Flex Controllers
- ATC Preempt Cabinets with special SIU interface

Each technician shall have **A MINIMUM OF THREE (3) YEARS** of experience working and troubleshooting on such controllers, cabinets and ITS communications equipment. The IMSA and NEC certifications held by employees shall be kept in good standing and shall be maintained current throughout the entire duration of the contract.

When requested by the City, the Contractor may be required to assist in the field inspection of new installations.

Contractor shall provide names and qualifications of current staff members who are proposed for this project indicating their level of certifications and job classifications. Bidders who fail to demonstrate they have qualified technicians currently on staff will be considered nonresponsive. The Contractor shall update employee lists annually or as personnel changes. The IMSA and NEC certifications held by employees shall be kept in good standing and shall be maintained current throughout the entire duration of the contract.

The Contractor shall use only NEC/IMSA level III certified technicians to service, maintain, and make necessary repairs or installations to traffic signal devices within the confines of the controller cabinet. Skilled laborers can make hardware repairs under the direct supervision of the NEC/IMSA Technician Level III.

D. Equipment, Materials and Parts

The Contractor shall have available and readily accessible all required tools, equipment, apparatus, facilities, traffic control, skilled labor services and materials, etc., to perform all work necessary to maintain traffic signal facilities in good working order. All work performed, or equipment, parts, or materials supplied shall be subject to the inspection and approval of the City or his designated representative.

An inventory of all materials, parts and units owned and stocked by the City at the start of the Contract period shall be made by the Contractor. This will enable the Contractor to determine what materials, parts and units the City has on stock for replacement and/or repair of existing facilities.

It shall be the responsibility of the Contractor to stock such additional materials, parts, or units as may be needed for normal maintenance and repair of the traffic signal equipment. In addition to the City's owned and spare equipment, the Contractor shall provide and be equipped with spare parts sufficient to place the signal system back in operation for ordinary trouble calls, including sensing devices for induction loop detectors.

For every twenty-five (25) intersections, the Contractor shall have on-hand:

One (1) ASC/3 Type 2 Econolite System Controller
One (1) MMU (malfunction management unit)
One (1) ATC CMU (conflict monitor unit)
Two (2) ATC SIU
Two (2) TS 2 BIU
One (1) CMU (conflict monitor unit)
One (1) McCain ATC Flex Controller

In the event of an equipment malfunction, the original equipment shall be returned to service within 30 working days, or an approved replacement controller shall be installed.

The Contractor's service bucket trucks shall be equipped with spare parts sufficient to place the signal system back in operation for ordinary trouble calls. This shall include sensing devices for induction loop detectors and emergency vehicle preemption detectors. The service trucks shall also be equipped with spare parts such as spare LED red, green and yellow, balls and arrows lights, pedestrian signal LED lights, pedestrian push buttons, aluminum '1A' pole and housing, load switches, and program boards. Equipment shall also include, but not be limited to, test apparatus used for diagnostic purposes, a computer laptop and applicable software and tools to make necessary repairs as directed by the City.

In the event of a traffic signal equipment malfunction, the Contractor shall install a contractor owned spare equipment for temporary use while malfunctioning equipment are sent in for repair or replacement equipment is received. There shall be no charge for use of these controllers while the City's equipment is in for repair, or the replacement equipment arrives.

In addition, it shall be the responsibility of the Contractor to stock the necessary controllers, poles, and other materials, parts and supplies to restore an intersection to an operating condition on an emergency basis. For purposes of this section, an operating condition shall mean that all signal phases are working and displayed in a manner in accordance with the (CAMUTCD) California Manual on Uniform Traffic Control Devices, but that all features such as actuation or phase-skipping capabilities are not necessarily restored at the time of the emergency repair, unless approved by the City.

The Contractor shall at a minimum have at least one complete spare signal cabinet at all times for replacement in the event of a knockdown.

No permanent or temporary change of controller mechanisms shall be done without prior approval of the City except in case of an emergency. In the event a change is necessary to respond to an emergency, the Contractor shall notify the City by telephone and by email immediately that the equipment was removed and replaced with approved spare equipment. All costs associated with repairing equipment, including diagnostic costs, shall be approved prior to proceeding with repairs.

E. Equipment, Materials and Parts Required to be Used

Contractor shall only use materials, parts and units supplied and/or recommended by the manufacturers of the malfunctioning traffic signal equipment. Where no specific material, part, or item is recommended by the manufacturer or where the material, part, or unit cannot be located locally, the material, part or unit used shall be as prescribed per Section 86 of Caltrans Standard Specifications.

The Contractor shall replace or repair any and all defective parts of the controller mechanism as the occasion arises. Controller units, auxiliary equipment and appurtenances such as load switches, Emergency Vehicle Pre-Emption (EVP) devices, detectors, video detection and monitoring cameras, battery backup system equipment, transformers, relays, Ethernet devices, and related items shall be serviced and overhauled as recommended by the manufacturer.

F. Additions and Deletions to the System

The Contractor shall maintain additional traffic signals and appurtenant devices as they are installed or become part of the maintenance requirements immediately upon written notification by the City. Such additional signals shall be maintained at the same unit price as stipulated in the Contract Agreement. In the event that maintenance of a new signal commences at other than the beginning of the monthly period, the unit rate for routine preventative maintenance services shall be prorated from the date maintenance commences.

The City may, at its sole discretion, eliminate signals from this contract. The Contractor shall be notified of such deletions in writing. Such deleted signals shall decrease the invoice at the same unit price as specified in the Contract Agreement. In the event that maintenance of a signal ceases at other than the beginning of the monthly period, the unit rate for routine preventative maintenance services shall be prorated from the date the Contractor was notified.

G. Request for Service Outside of Normal Hours

The Contractor shall expect service requests outside of the Contractor's normal working hours. These service requests may be given by telephone, fax, e-mail, written correspondence or other means for reporting related problems, damages, and emergencies listed in the Scope of Work.

The Contractor shall maintain a local or toll-free telephone number where service can be reached twenty-four (24) hours per day, seven (7) days per week, and three hundred and sixty-five (365) days per year, in order to effectively address and respond to both routine and emergency service requests. The telephone number is to be made available to the City-or his representative, and the city of Redlands Police Department. All requests shall be addressed by an appropriate timely response as outlined in this Scope of Work. For the purpose of this contract, "normal hours" shall be defined as Monday through Friday between 7:00 a.m. to 5:00 p.m. (excluding holidays formally recognized by the City).

H. Response Criteria for Routine Services and Emergency

Routine requests shall be responded to during normal hour within twenty-four (24) hours of first notification or the first Monday unless a holiday falls on it, after a weekend unless the City agrees upon other arrangements.

The Contractor will need to ascertain whether service requests are of an "emergency" nature requiring an immediate response or whether the request is general in nature requiring routine response. The City may also deem a traffic signal malfunction an emergency condition at its sole discretion. ***Requests deemed to be "emergencies" shall be responded to immediately with all possible haste, arriving at the signal location within one hour (1 hour) of first notification.***

When responding to an emergency or a called in request or an emailed request, the contractor shall note on their paper work the name of the person, date and time of the request.

In general, the following events shall establish an emergency condition:

- Totally blacked out traffic signals. For the intersections in which they are totally blacked out the city will use the following California vehicle code section 21800 until such time repairs or corrections are made to the affected intersections.

- Failure or malfunction of the traffic signal system or interruption of normal signal operations so as to create a public hazard. This may be caused by damage from vehicle collisions or accidents, acts of nature, civil disorder, malicious mischief, vandalism, or actions of other contractors or utility companies.
- Indications in conflict or signal heads are out for any one traffic movement bulbs including bulbs and lenses but not power outage
- Signal/pedestrian heads end or alignments that that give conflicting indications rendered not invisible to any intersection approach.
- Signal cabinet and or signal pole knocked down.
- A red light is reported burned out.
- Any primary head indication is out.
- Any appurtenant traffic signal equipment such as traffic signal heads, street name signs or other regulatory signs, warning or guide signs affixed to mast arms or poles, reported to be knocked down, dangling, or otherwise creating a public hazard shall be immediately repaired or removed as an emergency situation in order to eliminate the hazard or unsafe condition.
- As part of the Contractor's emergency call response, the Contractor may be required to respond to accident scenes at signalized intersections to perform a review of the traffic signal system operation and equipment. The Contractor shall, in this case, thoroughly examine and inspect all equipment at the location for any physical damage or equipment malfunction, including a timing check of the controller. Upon completion of this examination the Contractor shall submit, in writing a report summarizing the results of the examination and inspection to the Department Director or his designee. These results shall also be placed in the maintenance records of the intersection maintained by the Contractor.
- Any other repair that is deemed an emergency by the City.

Under these conditions, the Contractor shall immediately restore the traffic signal to normal operations. If that is not possible due to the extent of damage, sufficient repairs shall be made to enable the intersection to operate safely.

For emergency repair purposes, the Contractor's vehicle shall have immediately available the following equipment: portable stop signs to be installed if required, barricades, cones, replacement signal heads, pedestrian heads, I-A signal pole, load switches, controller, and other related equipment and tools which may be required to repair said damage.

For the emergency repair of a signal, the following procedure for traffic control shall apply:

1. The Contractor shall dispatch qualified personnel and equipment to reach the site within the time frame specified in this Scope of Work for emergency call-out. The Contractor shall carry in their vehicle(s) an adequate supply of stop signs, barricades, traffic cones, etc., which shall be used when controlling traffic during an emergency and/or when necessary by the signal Department Director or their alternate deemed.

2. If no police officer is present and temporary stop signs have been set up when the Contractor arrives at the site, the Contractor shall place the intersection in flash in the signal cabinet before setting up more traffic warning and control devices, if deemed necessary, and

proceed to repair the signal. After the signal is back in operation, the Contractor shall remove all of the temporary stop signs and other traffic control devices and return those devices owned by the City to the City Yard.

3. If a police officer is still at the site when the Contractor arrives, the Contractor shall quickly examine the signal, evaluate the situation, discuss it with the police officer, and obtain a Traffic Accident Report Number (if applicable) to be submitted with the invoice for work performed at the signal. If the repair will take longer than the officer can wait and has determined it to be a hazard the Contractor shall immediately place the intersection in flash, set up signs and all other necessary warning devices to protect the motoring public. The Contractor shall also notify the representative, of the any delay and the approximate time of the Contractor's response to such an emergency. Any delay times will not be charged to the City. Contractor shall contact the city prior to responding to the call so it may be tracked.

4. Notification - The Contractor shall notify the City or his authorized representative of any planned alterations, substitutions, or removal of any controller or component, or alteration to the operation of any signal system during normal business hours and give notice to the City same business day of the scheduled work. Notification of changes made at times other than normal business hours, notification to the City shall be reported by telephone or email within two (2) hour of the next business day.

The Contractor shall then call and also confirm via e-mail the morning of each day that any planned extraordinary maintenance that is directed to take place during that day. The Contractor shall notify the department director, or his authorized representative, of the proposed maintenance specifying the type of maintenance, location, and the approximate time of the day. If work is commenced without obtaining approval from the City, payment will not be made until City staff can inspect the work.

For emergency call-outs during normal business hours of the City, notification by telephone shall be made within one (1) hour of such response. Notifications at times other than normal business hours of the City shall be reported by telephone within two (2) hour of the beginning of the next business day of the City. The Contractor shall thoroughly examine and inspect all equipment at the location for any physical damage or equipment malfunction. Within five (5) calendar days after completion of this examination, the Contractor shall submit, in writing, a report summarizing the results of the examination and inspection to the City or his designated representative. These results shall also be placed in the maintenance records of the intersection maintained by the Contractor.

I. Maintenance Records

The Contractor shall keep a current, permanent operational record of all work performed at the intersection, including, but not limited to, routine maintenance, emergency and nonemergency service calls, and extraordinary maintenance, of each and every piece of traffic control or safety equipment that the Contractor is required to maintain by this contract. The Contractor shall also track the replacement schedule of signal indications and batteries as per the contract documents. These records shall be kept at each maintained location on a form approved by the City. A copy of such records shall be provided to the Director or his authorized representative within two (2) working days upon request. The form shall include, at a minimum, the location, the date, time, description of the call, PM service or malfunction device narrative of deficiencies encountered, and a detail of any and all corrective actions(s) taken. Entries shall be made legibly in indelible ink and shall be initialed by the technician's employee # when making the entry. The Contractor shall maintain an electronic database of the maintenance records that is remotely accessible by the Director or designee .The database shall be specific for each Agency and searchable by

intersection. A written cabinet log shall be kept in each cabinet that includes date and time of repairs, who performed the work, and a brief description of the work that was done. In addition, a checklist of items in Section U-1 below for each tri-monthly routine PM check shall be kept in each signal cabinet. The maintenance records shall be provided to the City on a monthly basis as part of the monthly invoice from the Contractor.

J. Monthly Maintenance Reports

The City of-REDLANDS has approximately 72 traffic signals that are to be divided into three approximately equal lists, and the traffic signals on each list are to be visited once every three months. The Contractor shall develop a monthly summary report in cooperation with the City to be submitted with the monthly invoice for those signals subject to review that month. This monthly summary report shall itemize all activities relating to traffic signal and safety lighting maintenance for each maintained location. The summary report shall list the maintenance history of the entire reporting period for each individual signal location and any deficiencies found including travel, arrival and departure times, dates and location of the repairs, vehicle and service personnel dispatched, types of repairs made, police report # if responded to, requested call(s) and all materials and equipment used for each day worked. A chronological report of all maintenance activities throughout the month is not sufficient. The summary reports shall be submitted to the City within ten (10) days following the end of the month of the reporting period. Invoices will not be paid until the summary report has been reviewed. Reports shall be submitted electronically (in addition to a hard copy). The format is to be an MS Windows Excel spreadsheet.

The following information shall be legible and at a minimum, is required for each signal location:

- Location by intersection and identification of a specific corner or direction of traffic when applicable
- Date and time the call was received and the first and last name of the caller or self-initiated
- Date and time the Contractor's personnel and equipment arrived at the scene
- Travel time when applicable
- Date and time the job was completed
- Nature of the malfunction, if any, and a description of the action taken by the Contractor
- Notation of routine, extraordinary, or additional work (including emergency work)
- Accident report number (from RPD) for all accident related work.
- Replacement of equipment including the model, part number and serial number

All records are the property of the City of Redlands and at the termination of this contract shall be delivered to the City.

K. Salvaged or Damaged Equipment and Ownership

Ownership of all materials existing and incorporated in the work is vested in the name of the City of Redlands. Salvaged or damaged equipment shall become the property of the Contractor unless otherwise directed by the City. Contractor is responsible for the proper disposal and recycling of such material.

Failure to provide adequate safety devices, as directed by the Director or designee, will cause the City to install safety devices as needed and the cost will be assessed to the Contractor at the City's actual cost. The City shall be entitled to offset any costs incurred against the Contractor's invoice.

All costs for traffic control shall be included in the various items of work, and no additional compensation will be allowed.

L. Damage

Adjacent improvements such as street pavement, curbs, sidewalks, sprinklers, landscaping, hardscaping, driveways, and gutters damaged as a result of the Contractor's operation shall be repaired to the satisfaction of Director or designee at the Contractor's expense.

M. Sound and Noise Control

The Contractor shall comply with all local sound control and noise level rules, regulations, and City ordinances, which apply to any work performed pursuant to the contract.

N. Types of Signals / Equipment

The Fee Schedule for both the routine and extraordinary maintenance shall apply to all types of signal controllers, accessories and systems as may exist in the City now or that may be installed during the life of the contract.

O. Meetings

Meetings may be required for the purpose of discussing contract provisions, problems and/or issues and ensuring that the work is proceeding as per the contract documents. The Contractor will be notified in advance and required to attend and participate in these meetings with City staff as needed. These meetings will be called by the Director or his authorized representative. Full compensation for attending these meetings shall be considered as included in the various items of work and no additional compensation shall be allowed therefore.

P. Estimate of Quantities

The quantities shown in the Contract Agreement shall be considered as approximate only. The City does not guarantee or agree, either expressly or by implication that the actual amounts required would correspond therewith, and reserves the right to increase or decrease the amount of any item or portion of work or material to be performed or furnished, or to omit any such item or portion, in accordance with the provisions relative thereto set forth in this "Scope of Work."

Q. Routine Preventative Maintenance Program

The Contractor shall provide a program of routine preventative maintenance designed to eliminate or reduce the incidents of malfunction and extend the useful life of the equipment.

1. Routine Preventative Maintenance of Traffic Signals and Safety Lighting Systems

Inspect and service each signalized intersection once every three months. The Contractor shall provide all material, parts, labor, equipment and transportation, including a service bucket truck

capable of performing all the required maintenance functions for each assigned technician, to perform this COMPLETE list of services, on a tri-monthly basis.

The bi-monthly traffic signal maintenance bid item will be quantified by "EACH" under the "Units of Measure" in the Fee Schedule for an annual total of 288 maintenance checks at 72 traffic signal locations (72 traffic signals X 4 maintenance checks/year = 288 maintenance checks). The traffic signal maintenance unit price will be for all work specified within the Contract documents and will include all labor, materials, tools, equipment, transportation and incidentals necessary to complete all the items of work. The traffic signal maintenance unit price will be per the Fee Schedule and no additional compensation whether for overtime, shift differentials, or travel time shall be allowed.

The items of work for routine preventative maintenance of traffic signals are as follows:

Air Filter — Replace the air filter element in all controller cabinets so equipped at least once each six (6) months and note in the tri-monthly report any filter replacement. Wash or replace all air filter elements in all cabinets so equipped within three (3) months after the execution of this contract, and so note in the tri-monthly report the date the filter elements are cleaned or replaced.

Battery Backup Systems (BBS) — Backup unit and batteries shall be tested bi-monthly in accordance with the manufacturers recommended maintenance as a part of preventative routine maintenance program. Battery backup systems or batteries shall be replaced at the unit price stated in the Fee Schedule including checking operational voltage range of all batteries, and adjust or repair as needed. The repair or replacement o of any of the BBS components, excluding batteries, shall be considered extra work and will require prior approval by City before work is commenced. Batteries shall be scheduled to be replaced every five (5) years at which time, the new install will reset the clock. If battery failure has occurred prior to the replacement date, approval must be given by the City or his authorized representative

BBS Cabinet Exterior — Remove any posters, signs, adhesive labels, and/or graffiti, etc. from the cabinet exterior. Check the interior and exterior of the service cabinets for signs of deterioration to the cabinet's surface using a wire brush and then protect the area with zinc chromate, red lead or rust inhibitor prior to painting with a matching color (only applicable to painted cabinets.) For Stainless or Aluminum cabinets, a circular pattern will be required to mast any graffiti that is gouged or engraved on it.

BBS Cabinet Interior, Fan and Vents — The Contractor shall clean the BBS cabinets thoroughly on the inside, verify that the controller cabinet fan operates properly with a minimum of noise, and check the vents in the service cabinet to ensure that they are free of any foreign material. If a fan is thermostatically controlled the temperature shall be set at 100 degrees.

Before Leaving Intersection — Before leaving the intersection during any routine or extraordinary maintenance, verify that all detector test switches are in "normal" position, and that the stop time switch is in the "auto" or "normal" position. Do a walk of the intersection and touch each corner. Record all information when complete with (name, time, date, nature of work, etc.) in the cabinet logbook. Immediately correct all safety deficiencies found during routine inspections and schedule non-emergency work with City staff.

Cabinet Exterior — Remove any posters, signs, adhesive labels, and/or graffiti, etc. from the controller and service cabinet exteriors.

Cabinet Interior, Fan and Vents — The Contractor shall clean the traffic signal cabinets thoroughly on the inside, including all components. Verify that the controller cabinet fan operates properly with a minimum of noise, and check the vents in both the controller cabinet door and above the door, or at the top of the cabinet to ensure that they are free of any foreign material. If a fan is thermostatically controlled the temperature shall be set at 100 degrees.

Conflict Monitor/Malfunction Management Unit — Verify that the time clock and date are correct in any Conflict Monitor Unit (CMU)/Malfunction Management Unit (MMU) in all signal cabinets. A visual check is required with each PM to ensure no errors are displayed. Yearly testing, during the months of January and February, of all CMU/MMU equipment shall be completed with the use of an automated testing device with the test results printed on a report that is to be delivered to the City within thirty (30) days from the first location tested. The printed report containing the test results shall, at a minimum, include the following information: report header with type of monitor tested and date tested; agency identification including manufacturer, model and serial number; related test information including operator, test site, and intersection location; and monitor verification with a description of type of tests performed and conditions found (i.e., failure or non-failure). Note in bi-monthly routine maintenance log. The respective monthly invoice for payment of Routine Maintenance will not be processed until CMU/MMU testing is completed and the City has received all required reports.

Connectors — Check all connectors (includes any connections on the main panel, interface panels and under detector racks) to ensure they are secure and free of corrosion. Apply diazo grease as needed to deter corrosion. Note in%-monthly routine maintenance log. Be sure not to damage by over-tightening.

Controller Cabinet Mounting — Check the snugness of the nuts on the controller cabinet anchor bolts, and tightens if necessary, being sure not to distort by overtightening.

Controller Cabinet Foundation Seal — Check the seal between the bottom of the cabinet and the foundation for deterioration. If standing water or evidence of water is present inside the bottom of the controller cabinet, reseal by removing cabinet mounting nuts and installing sealant between cabinet and foundation.

Controller Operation — Manually place vehicle and pedestrian calls on each phase through the controller cabinet test switches or the controller keyboard to verify controller servicing of each active phase. Maintain an accurate chronograph and set all real-time clocks to the National Bureau of Standards (WWV) time. When and where necessary, adjust clocks to Daylight Savings Time within twenty-four (24) hours of time changes. Note: Any time corrections +or - on the log sheet

Detection Setup - Verify that the detector loop cables are correctly identified, connected to the correct vehicle detector field interface terminals, and that the correct detector indicates a call. Verify that a call is placed on the correct controller detector input, and that the input places a call on the correct controller phase.

Detector Operation — Check detector units and systems including, but not limited to, inductive loops, and pedestrian push buttons for correct detection of both vehicles and pedestrians by observing the turn-on of the appropriate detection indicator as a vehicle passes over or through the detector loop(s)/zone; and adjust or repair said equipment as necessary to restore system to its intended operation.

Door Gasket — Check all door gaskets on the controller cabinet, service cabinet and any other enclosures for evidence of moisture or deterioration. Completely replace any gaskets showing signs of leaking or deterioration.

Door Panel Harness — Check the harness leading from the door panel to the auxiliary panels on the cabinet door to ensure they are not being pinched and do not bind against the cabinet door. Adjust if necessary.

Equipment Displays and Indicators — Verify that all LED and LCD displays and indications (controller, MMU/CMU, load switches, flasher, Radio, pre-emption video diction equipment, etc.) are working properly.

Flash - Verify the operation of the flashers once per year. Verify with a stopwatch that the flash rate is between 50 to 60 pulses per minute and that the "ON/OFF" states for each flash circuit are equal.

Ground Fault Receptacle — Verify the proper operation of "Test" and "Reset" buttons on GFCI type outlets.

Hinges and Locks — Check for free movement of all doors, latching assemblies and locks on the controller cabinet, service cabinet and any other enclosures. Use a minimum of oil or spray lubricant and remove any excess.

Indications — The Contractor shall clean all vehicular and pedestrian module faces once per year, and shall replace burned out vehicular and/or pedestrian modules. Contractor shall furnish all LED signal modules as noted in the program costs per the Fee Schedule agreed to for the maintenance Items as detailed herein below.

In case the Contractor is unable to replenish his supply of City furnished LED modules in time to replace the burned out ones, the Contractor shall replace burned out LED modules with City approved LED modules only. The City will only pay for the cost of installation as per the Fee Schedule, and replace the number of LED modules installed by the Contractor out of City inventory.

The Scope of Work also contains a separate Item for the Group Replacement of non LED Vehicular Indications.

Insect or other Rodent Infestation — Check for any signs of ants, wasps, spiders or other rodents within all the cabinets pull boxes hand holes etc. Take the necessary steps for extermination.

Interior Light — Verify the proper operation of the controller cabinet's interior fluorescent/ LED light and starter. Intersection Records — ensure that all intersection "Record Drawings," cabinet wiring diagrams, necessary equipment operations manuals, controller data timing sheets, and log book are corrected and stay inside the cabinet. Contact designee to obtain any missing items.
Intersection Timing — The City will provide timing sheets in each controller cabinet. These timings are to be maintained by the Contractor. The Contractor is to compare controller phase timing against the approved timing plan, check any discrepancies against intersection log and notify designee of any and all discrepancies. Check the timing of the yellow (caution) intervals on all phases by the controller.

Although, the City will generally complete new timing patterns, the Contractor may be issued a work order from the City authorizing* e Contractor to make necessary changes. The Contractor shall make no timing changes on controllers or accessories unless authorized by the director or designee, EXCEPT during emergencies. In the event that the controller timing does not match the timing sheets in the cabinet, the Contractor shall notify the City for direction on how to proceed. Timing changes that may be necessary during emergencies (such as loop failures, pushbutton failures, etc.) may be made without prior approval. However, the Department designee must be notified of changes by 8:00 A.M. the next working day. Any change made to the signal timing, permanent or temporary, shall be noted on the timing sheet with date and the initial of the technician, and logged in the repair record in the controller cabinet.

Intersection Walk-Around — Walk all the approaches of the intersection and visually inspect all signal poles, mast arms, signal heads and indications, traffic control signs, pedestrian signals, Cameras, Opticom (preemption) heads, reflective street name signs, loop sealants, pull box covers, and any other devices, and verify the correct placement and/or operation. Any inoperable vehicle or pedestrian indications, safety lights, or illuminated sign lamps shall be replaced under extraordinary maintenance; illuminated signs damaged beyond repair shall be reported to the designee and replaced under extraordinary maintenance with reflective street name signs. All vehicle heads and pedestrian heads found to be out of alignment shall be properly aligned. Missing signs shall be replaced under extraordinary maintenance. Cracked or damaged loop sealants shall be re-sealed. All other equipment found missing or damaged shall be reported to the City prior to replaced or repaired.

Loop Detectors — The Contractor shall verify the condition of the loops in the roadway and take necessary preventative measures to ensure the longevity of the loop. This includes the splicing (or re-splicing) of detector loops and/or replacement of loop sealant. Cutting and installing new loops is considered extra work and will require prior approval by the City before work is commenced. The failure of a loop due to sealant not maintained is not considered extra work and will be repaired at the Contractor's expense.

Maintenance Log — The Maintenance Log form shall be initialed for every item that was completed during the preventative maintenance that month.

Pedestrian Push Button Assembly — The Contractor shall check all pedestrian push buttons and assembly for proper operation. If necessary, the Contractor shall repair or replace the pedestrian push button and/or assembly as needed. All replaced pedestrian push button assemblies shall be ADA compliant. The replacement of defective parts will be extraordinary maintenance.

Pedestrian Signals — The Contractor shall maintain all pedestrian signal heads in working order, and the cost incurred shall be included in the unit price for routine preventative maintenance per intersection. The replacement of defective parts will be extraordinary maintenance. Pedestrian signal indications requiring replacement shall be replaced with count-down type LED modules as directed by the City.

Plug-in Components — Check that each plug-in component (rack mount detectors, BIU's, relays, load switches, etc.) fits tightly and securely in its socket.

Preemption Devices — Test all preemption devices for proper operation.

Safety Lighting, and Reflective Street Name Signs — The Contractor shall perform a night inspection of all safety lighting, bridge deck lighting and Reflective street name signs at signalized

intersections twice per year. The Contractor shall carry photocells, fuses, and splice kits when troubleshooting safety lights. All malfunctioning light fixtures shall be repaired within twenty-four (24) hours of being identified. If repairs cannot be performed at the time of inspection and replacement is necessary, approval from the Director or his authorized representative. Unless otherwise directed by director, all safety lighting/luminaries that cannot be satisfactorily repaired shall be replaced by an LED lighting fixture approved by the City or his authorized representative. The Contractor shall provide the City in the monthly report showing the number of light fixtures that have been repaired, the type of light fixture, and the location for each light fixture. The City has the right to inspect the Contractor's records to verify any material used in light fixture repair. Costs incurred in night inspections for Reflective street name and safety lighting shall be included in the unit price for routine preventative maintenance. The replacement of defective parts will be extraordinary maintenance as per the Fee Schedule or per written quote, as directed by the Director or his authorized representative.

Service Connections — Verify that the neutral, ground and power connections are secure in both service cabinets and controller cabinet. Check breakers, lighting contactors, switches terminal connections and photo cells at least once every six (6) months. Note in bi-monthly routine maintenance log. The replacement of defective parts will be extraordinary maintenance as per the Fee Schedule or per written quote, as directed by the Director or his authorized representative.

Signs — Traffic control signs shall be cleaned and adjusted as routine maintenance. The Contractor shall repair or replace any damaged, faded or missing reflectorized street name signs, traffic control signs or pedestrian push button plates affixed to any signal mast arm or pole under extraordinary maintenance, including all bracketing attached to the mast arm to the sign.

Switches — Verify the correct operation of each position, including "OFF", of all switches. Repeatedly work all test and stop time switches to keep the switch contacts clean.

Terminal Connections — Using the correct size insulated screwdriver, test each terminal screw backing off slightly check for corrosion then retightening to confirm that it is secure (but not to distort or over-tighten) at least once every six (6) months. Note in bi-monthly routine maintenance log and report corrosion in monthly the report.

Thermostat — Verify that the cabinet fan thermostat is set at one hundred (100) degrees Fahrenheit.

Traffic Signal Controller Assembly — The Contractor shall replace, repair, or otherwise render in good working order any and all defective traffic signal controller assemblies with like make and model assemblies as necessary to ensure the safe operation of said signal equipment. Solid-state equipment shall be maintained according to the manufacturer's specifications.

Traffic Signal Poles and Mast Arms — Verify that all nuts and bolts are securely attached at base of poles (including all attachments of signs) and at any connection point. Verify that all hand hole and cover plates are in place to protect wiring.

Vacuum Cabinet — The uses of compressed air is only allowed for terminal blocks, electrical components and vent openings. Thoroughly vacuum the interior of the controller cabinet including all shelves, base of cabinet and the police access panel. Also blow out or vacuum the vent openings above the controller cabinet door.

Video Detection Cameras and Video Processor (Where Present) — The Contractor shall verify that video detection camera lenses are clean and the video processor system is operable.

The Contractor shall clean and polish all video detection camera lenses once every six (6) months, or as directed by Director on an individual basis. At that time, all signal heads, mast arm mounted street name signs, and optically programmed signal heads, shall be realigned as necessary. Note in Tri-monthly routine maintenance log.

2. Routine Preventative Maintenance of a Solar Lighted Crosswalk System

The Contractor shall inspect and service a Solar Lighted Crosswalk and provide the labor, equipment and material to perform this COMPLETE list of services twice per year. The schedule shall be established to coincide with the beginning and ending of Daylight Savings Time. Within thirty (30) days of the award, the Contractor shall provide the City with a maintenance schedule. The bi-annual Solar Lighted Crosswalk maintenance bid item will be quantified by "EACH" under the "Units of Measure" in the Fee Schedule for an annual total of 2 maintenance checks at one Solar Lighted Crosswalk location (1 crosswalk X 2 maintenance checks/year = 2 maintenance checks). The traffic signal maintenance unit price will be for all work specified within the Contract documents and will include all labor, materials, tools, equipment, transportation and incidentals necessary to complete all the items of work.

The items of work for routine preventative maintenance of traffic signals are as follows:

Battery Systems — The Battery System including controller unit and batteries shall be tested in accordance with the manufacturers recommended maintenance as a part of preventative routine maintenance. Check battery voltage and record in cabinet. Failed or defective batteries shall be replaced within five (5) days of diagnosis. Batteries shall be included on a five year replacement program. The repair or replacement of any of the components, including batteries, shall be considered extra work and will require prior approval by the City before work is commenced.

Cabinet - The Contractor shall clean the service cabinets thoroughly on the inside, including all components and any foreign materials; verify that the controller cabinet fan operates properly with a minimum of noise; check the vents in the service cabinet to ensure that they are free of any foreign material; and remove any posters, signs, adhesive labels, and/or graffiti, etc. from the controller and service cabinet exteriors.

Lighted Crosswalk, Flash pattern, flashing lights on poles and roadway lights (pucks) - Compare timing against the approved timing plan, check any discrepancies against log and notify City of all discrepancies. When and where necessary, adjust controller. Verify the flash rate is as per the manufacturer's specifications. The repair or replacement of any of the components, including the roadway lights, shall be considered extra work and will require prior approval by the City before work is commenced Pedestrian Push Button Assembly - The Contractor shall check all pedestrian push buttons for proper operation. If necessary, the Contractor shall repair or replace the pedestrian push button.

Service Connections - Verify that the connections to solar panel to solar controller, ground and power connections are secure in the controller and service cabinet.

Signs - Traffic control signs shall be cleaned and adjusted as routine maintenance. The Contractor shall repair or replace any damaged or missing traffic control signs or pedestrian push button plates affixed to any signal mast arm or pole under extraordinary maintenance, including orange flags on certain mast arms.

Solar Controller - Compare timing against the approved timing plan, check any discrepancies against log and notify Director of all discrepancies. When and where necessary.

Solar Panel - Clean the solar panel (in a manner supported by the manufacturer's specifications) to remove all dust and clean without any damage to the panel. The repair or replacement of any of the components, including the solar panel, shall be considered extra work and will require prior approval by the City before work is commenced.

Visual Inspection - Visually inspect each in-pavement or above-ground flashing device to ensure that they all remain secure in place and are not loose within the pavement. Inspect the devices to ensure that they are not damaged or broken in any manner and that they remain clean. Verify that the device properly activates from the ped push button. Also confirm that the in-pavement light or device is flashing as intended for each direction with similar brightness. Check alignment and clean debris away from the pole mounted lights and "pucks" to insure visibility of 125 yards in each direction. Any device found to be defective shall be scheduled for repair within thirty (30) days of diagnosis and shall be considered extra work and will require prior approval by the City before work is commenced.

R. Group Replacement Program of Non LED Vehicular Signal Indications

The Contractor shall develop a schedule to group replace of all non LED vehicular indications in the City by spreading the task out throughout the life of the agreement. The agreement provides for one (1) initial year with up to four (4) extensions of one (1) year. As such, the agreement may span a total of five (5) years. The developed schedule should therefore anticipate group replacements in approximately five equal amounts. That is, about twenty percent (20) of all of the indications replaced per year. This task shall end if the agreement is not renewed or otherwise terminated.

The task shall include all labor and replacement LED indications as per the City's standards and as approved by the City or his authorized representative. The replacement schedule shall be developed around the concept of replacing all indications per intersection at one time. This task may not be accelerated ahead of schedule, with the exception of indications that are replaced ahead of schedule due to burn-out/failure on a case-by-case basis. When indications are replaced ahead of the replacement schedule, they will be removed from the replacement list and the actual date of installation recorded in the maintenance log. Subsequent failure of replaced indications shall be repaired / replaced by the Contractor as warranty work at the Contractor's expense.
The Contractor may choose to replace the one year allotment of twenty percent of LED indications at once, or may spread the work throughout the current contract year, but in any case, shall only be paid for actual work completed as per the Fee Schedule and no additional compensation shall be allowed therefore.

S. Extraordinary Maintenance

Extraordinary maintenance as listed in the Contract Agreement includes all the labor, equipment, parts and materials necessary to ensure the safe and efficient operation of the City's traffic signal system that goes beyond the normal routine preventative maintenance program established by this Scope of Work. Items of extraordinary maintenance or extra work generally include the following:

- Furnish and install replacement traffic signal cabinet assembly including new foundation and all wiring.
- Furnish and install replacement service cabinet, foundation and wiring.
- Furnish and install replacement traffic signal poles and mast arms.

- Furnish and install replacement vehicle and pedestrian signal indications.
- Furnish and install replacement conduits, pull boxes, lids and wiring.
- Furnish and install replacement panels or Reflectorized street name signs (RSNS) as directed by the City.
- Furnish and install replacement safety lights.
- Furnish and install replacement traffic signal control equipment and components.
- Furnish and install replacement batteries.
- Paint Signal Equipment
- Cut and install replacement detector loops.

Extraordinary maintenance, except for emergency repairs as provided for in this Scope of Work, shall require prior written authorization from the City. In situations requiring immediate response, verbal authorization from the City or his authorized representative is sufficient followed by a written authorization.

The City will compensate the Contractor for such additional work based on the verified invoice cost of materials, equipment and labor. Billing for such additional work shall reflect the labor rates established by the Fee Schedule. Upon receipt of an itemized invoice within thirty (30) days of completion of work, the City shall compensate the Contractor for additional work.

In the event a price cannot be agreed upon for very specific work not covered by the Fee Schedule, the City reserves the right to repair and/or solicit quotations or invite bids and award work to any Contractor to perform such additional work.

T. Price Markup

The City will allow a maximum of 15% markup for materials only required to complete Extraordinary Maintenance as provided for in this Scope of Work.

U. Permits, Licenses, and Inspections

The Contractor and all its subcontractors shall obtain and pay for a City business license from the City of Redlands prior to the commencement of work, and obtain a no-fee Right-of Way Encroachment Permit and Traffic Control Permit from the City.

The Contractor shall have a Class A and/or California "C-10" Contractor's license at the time of awarding of the contract.

All work performed, or equipment or parts supplied by the Contractor, shall be subject to inspections and approval of the City, or his authorized representative.

EXHIBIT "B"

LABOR AND MATERIAL BOND

Whereas, the City of Redlands, State of California, and _____ _____(hereinafter designated as "Principal") have entered into an agreement (the "Agreement") whereby Principal agrees to Description of Improvement Services to Public Buildings and/or grounds (the "Work"), which said agreement, dated _____, 20XX, and titled as "Agreement to Perform Non-Professional Services for Improvement to Public Builds and Grounds" is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, Principal is required before commencing the performance of the Work, to file a good and sufficient Labor and Material bond with the City of Redlands to secure the claims to which reference is made in Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code of the State of California.

Now, therefore, said Principal and the undersigned as corporate surety, are held firmly bound unto the City and all contractors, subcontractors, laborers, material men and other persons employed in the performance of the Agreement and referred to in the aforesaid Code of Civil Procedure in the sum of Written dollar amount Dollars ($_____) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9550) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof, this instrument has been duly executed by the Principal and surety above named, on _____, 20__.

(SEAL)	(SEAL)
_____	_____
(Contractor)	(Surety) BY:
_____	_____
(Signature)	(Signature)
	Address: _____ _____
(Seal and Notarial Acknowledgment of Surety)	Telephone( ) _____

EXHIBIT "C"

PRICE AND FEE BID

A – ROUTINE PREVENTATIVE MAINTENANCE

ITEM	DESCRIPTION	EST. ANNUAL QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
A1	Routine Preventative Maintenance of Traffic Signal System performed at each intersection (Includes all items listed in Scope of Services)	288	EA	$ 93.00	$ 26,784.00
A2	Bi Annual night inspection of Safety Lighting	144	EA	$ 8.50	$ 1,224.00
A3	Routine Preventative Maintenance of lighted crosswalk systems	17	EA	$ 56.00	$ 952.00
				TOTAL FOR ITEMS A1 THROUGH A3	$ 28,960.00

B – EXTRAORDINARY MAINTENANCE

ITEM	DESCRIPTION	EST. ANNUAL QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
B1	Replacement of inoperable incandescent safety lights	4	EA	$ 85.00	$ 340.00
B2	Replacement of inoperable LED safety lights	10	EA	$ 600.00	$ 6,000.00
B3	Replacement of missing or damaged visors	5	EA	$ 93.00	$ 465.00
B4	Replacement of reflective street name sign panel	5	EA	$ 90.00	$ 450.00
B5	Replacement of standard loop detector with Type "E" 6' diameter traffic loop, including saw-cut lead-in and cable splicing with hot melt sealant	5	EA	$ 590.00	$ 2,950.00
B6	Replacement of inoperable LED vehicle lamp assembly – ball indication	30	EA	$ 105.00	$ 3,150.00
B7	Replacement of inoperable LED vehicle lamp assembly – Arrow indication	30	EA	$ 105.00	$ 3,150.00
B8	Replacement of countdown signal pedestrian LED Module	15	EA	$ 180.00	$ 2,700.00
B9	New P.P.B. symbol sign current per state standard	6	EA	$ 50.00	$ 300.00
B10	Conflict monitor testing (Field & Bench)	72	EA	$ 60.00	$ 4,320.00
B11	Replacement of batteries for battery back-up system	40	EA	$ 350.00	$ 14,000.00
				TOTAL FOR ITEMS B1 THROUGH B11	$ 37,825.00

C. Labor and Equipment

ITEM	DESCRIPTION	EST. QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
C1	Minimum Call Out labor charge	1	EA	$ 225.00	$ 225.00
C2	Holiday Rate	1	Hourly	$ 165.00	$ 165.00
C3	Signal Maintenance Superintendent or Supervisor	1	Hourly	$ 115.00	$ 115.00
C4	Traffic Signal Technician Level II	1	Hourly	$ 112.00	$ 112.00
C5	Traffic Signal Technician Level III	1	Hourly	$ 112.00	$ 112.00
C6	Maintenance Electrician	1	Hourly	$ 112.00	$ 112.00
C7	Outdoor Lighting Technician	1	Hourly	$ 75.00	$ 75.00
C8	Bench Technician	1	Hourly	$ 112.00	$ 112.00
C9	Communications Maintenance Technician	1	Hourly	$ 111.00	$ 111.00
C10	Laborer	1	Hourly	$ 105.00	$ 105.00
C11	Service/Pick-up Truck	1	Hourly	$ 25.00	$ 25.00
C12	Compressor	1	Hourly	$ 1.00	$ 1.00
C13	Aerial Truck	1	Hourly	$ 35.00	$ 35.00
				TOTAL FOR ITEMS C1 THROUGH C13	$ 1305.00

GRAND TOTALS

A	Annual Routine Preventative Maintenance	$ 28,960.00
B	Extraordinary Maintenance	$ 37,825.00
C	Labor and Equipment	$ 1305.00
	TOTALS FOR A, B, C	$ 68,090.00

*** Overtime & Premium Time Hourly Rates are listed on the following page**

C. Labor & Equipment

ITEM	DESCRIPTION	UNIT OF MEASURE	OVERTIME RATE	PREMIUM TIME RATE
C3	Signal Maintenance Superintendent or Supervisor	Hourly	$144.00	$173.00
C4	Traffic Signal Technician Level II	Hourly	$139.00	$165.00
C5	Traffic Signal Technician Level III	Hourly	$139.00	$165.00
C6	Maintenance Electrician	Hourly	$139.00	$165.00
C7	Outdoor Lighting Technician	Hourly	$93.00	$112.00
C8	Bench Technician	Hourly	$139.00	$165.00
C9	Communications Maintenance Technician	Hourly	$143.00	$174.00
C10	Laborer	Hourly	$147.00	$147.00

Regular, Overtime, and Premium time explanation:

- Regular Hours: Monday thru Friday (excluding holidays) from 7:30am to 4:00pm.
- Overtime Hours: Monday thru Friday after these work hours for the first four straight hours on any job as well as Saturday for the initial 8 working hours.
- Premium Hours: Monday thru Friday after four hours of OT on any one job, Saturdays after 8 hours on any one job, all day Sunday starting at 12:00am until Monday at 7:30am and all holidays starting at 12:00am until the next morning at 7:30am.

EXHIBIT "D"

WORKERS' COMPENSATION INSURANCE CERTIFICATION

Every employer, except the State, shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations, a certificate of consent to self-insure, either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.

CHECK ONE

_____I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work and activities required or permitted under this Agreement. (Labor Code §1861).

_____I affirm that at all times, in performing the work and activities required or permitted under this Agreement, I shall not employ any person in any manner such that I become subject to the workers' compensation laws of California. However, at any time, if I employ any person such that I become subject to the workers' compensation laws of California, immediately I shall provide the City with a certificate of consent to self-insure, or a certification of workers' compensation insurance.

I certify under penalty of perjury under the laws of the State of California that the information and representations made in this certificate are true and correct.

YUNEX, LLC

By:_____ Date: _____

Michael Hutchens, Operations Manager

Sole Source/ Single Source/ Standardization Form

For procurement of supplies, equipment and services valued at $5,000 and over

NOTE: Every question must be answered with appropriate documentation attached; incomplete forms will be immediately rejected by Purchasing.

Date: 6/7/22

TO: Purchasing Division

FROM: FCS

Purchase Requisition # _____

Estimated Total Cost: $ 2,000,000

Proposed Vendor: Yunex, LLC

Request Term: 6/7/2022-6/7/2024

This form must accompany the purchase document whenever an exception to the competitive process is requested. Requests for goods and/or services from a specific vendor or limited to a specific brand, where substitutes to the recommended vendor or brand are unacceptable, must be accompanied by a written justification explaining the circumstances that make alternatives unacceptable.

The City Manager will determine whether the justification is appropriate. Requests for exception must be supported by factual statements that will pass an audit.

INSTRUCTIONS

1. Please check all applicable categories (a. through i.) below and provide additional information where indicated.

☐ a. The requested product is an integral repair part or accessory compatible with existing equipment.

Existing Equipment: _____

Manufacturer/Model Number: _____

Age: _____

Current Estimated Value: _____

☐ b. The requested product has unique design/performance specifications or quality requirements that are not available in comparable products.

☐ c. I have standardized the requested product and the use of another brand/model would require considerable time and funding to evaluate.

☐ d. The requested product is one in which I (and/or my staff) have specialized training and/or extensive expertise. Retraining would incur substantial cost in time and/or funding.

☐ e. The requested product is used or demonstration equipment available at a lower-than-new cost.

☐ f. Repair/Maintenance service is available only from manufacturer or designated service representative.

☐ g. Upgrade to or enhancement of existing software is available only from manufacturer.

☐ h. Service proposed by vendor is unique; therefore, competitive bids are not available or applicable.

■ i. Other factors (provide detailed explanation in #2 below).

2. Provide a detailed explanation and pertinent documentation *for each category* checked in item 1 above. Attach additional sheets if necessary:

Upon review, it became apparent that a Single Source Agreement with Yunex, LLC was appropriate on the following basis. Yunex, LLC was the only RFP respondent to include an existing strong supplier relationship with McCain (Traffic Signal System manufacturer of the RPRP), the resources to successfully obtain parts and IT coordination on the new RPRP Traffic Signal Systems, and the only company with existing staff that has the professional experience and technical training to successfully complete the required traffic signal maintenance and repairs to all traffic signal systems City-wide.

3. Was an evaluation of other equipment, products, or services performed?

☒ Yes ☐ No

***If yes, please explain the type of evaluation performed and provide all supporting documentation*:**

Yunex, LLC was one of six firms that responded to the City's Request for Proposal (RFP) for Traffic Signal Systems Maintenance on January 27, 2022. Written proposals were evaluated and ranked, based on firm qualifications and responsiveness to the requirements of the City's RFP for Traffic Signal Systems Maintenance. Based on the firm's unique qualifications, Yunex, LLC was selected as the firm most qualified to perform the services as requested in the City's RFP.

4. List below the name of each individual who was involved in the evaluation, if conducted, and in making the recommendation to procure this product or service. Attach additional information, if necessary.

5. Explain what action(s) the department would take if the sole/single source services were no longer available

A new RFP would be issued

6. I certify that the above information is accurate to the best of my knowledge, and a signed copy of this document will be kept on file and available for audit in my department

_____

Prepared by Date

_____

Department Director Date

Purchasing Approvals

_____

Purchasing Agent Approval Date

_____

City Manager Approval Date

City Council/Successor Agency Meeting **N. 3.**

DATE: 06/07/2022

TO: The Successor Agency Board of Directors

SUBJECT: Approve minutes of the regular meeting of May 3, 2022 (Secretary Donaldson)

MOTION:

I move to approve the minutes of the regular meeting of May 3, 2022.

Attachments

Minutes of the regular meeting of May 3, 2022

MINUTES

Regular meetings of the City Council and the Board of Directors of the Successor Agency of the former Redevelopment Agency of the City of Redlands held in the Council Chambers, Civic Center, 35 Cajon Street, on May 3, 2022 at 5:00 P.M.

Present:	Paul Barich, Mayor Eddie Tejeda, Mayor Pro Tempore Denise Davis, Council Member Jenna Guzman-Lowery, Council Member Mick Gallagher, Council Member
Staff:	Charles M. Duggan, Jr., City Manager; Dan McHugh, City Attorney; Robert Dawes, City Treasurer; Jeanne Donaldson, City Clerk; Janice McConnell, Assistant City Manager; Chris Boatman, Assistant City Manager; Carl Baker, Public Information Officer; Chris Catren, Police Chief; Danielle Garcia, Management Services/Finance Director; Brian Desatnik, Development Services Director; John Harris, Municipal Utilities and Engineering Director; Rich Sessler, Fire Chief

Mayor Barich called the meeting to order and explained that comments could be presented in-person, via Zoom, via cell phone or landline. He announced there were no Closed Session items to consider.

CLOSED SESSION

No closed session matters.

RECONVENE CITY COUNCIL MEETING

The meeting reconvened at 6:00 P.M. with an invocation by Council Member Davis followed by the pledge of allegiance to the American flag.

PRESENTATIONS

SCE WISE Program

Municipal Utilities and Engineering Director Harris introduced Christian Torres, Key Accounts Advisor with Southern California Edison, who provided background of the WISE Program and presented an energy efficiency incentive check, in the amount of $290,007.70 to Mayor Barich. The City was recognized for the significant energy savings achieved through the upgrades performed at the Wastewater Treatment Plant, and specifically upgrades of the Membrane Bio-Reactor process.

Proclamation Asian American and Pacific Islander Heritage Month

Council Member Davis presented a Proclamation to Willis Saloman of The Artlands, declaring the month of May as Asian American and Pacific Islander Heritage Month and celebrating the achievements and contributions of Asian Americans and Pacific Islanders that enrich our history, society and culture.

Proclamation Redlands Open World Week

Council Member Gallagher and Mayor Barich presented proclamations to six Serbian university educators who are visiting Redlands through the Open World Program. The program increases civic, culture, and professional exchanges between the United States and young Eurasian leaders, improves mutual understanding, encourages goodwill, and promotes peaceful interchange of ideas among all people. For the last several years, the Sunrise Rotary Club of Redlands has been honored to support the program and host the delegates.

PUBLIC COMMENT

Public comments were presented either in-person, via Zoom, via cell phone or landline.

In-Kind Requests & More - Dennis Bell argued that no matter what the City chose to call a gift of public funds, whether it be called an in-kind request or a fee waiver request, he stated it was still a gift of public funds, and he complained the City was less than transparent when reporting these types of expenditures in the budget. He raised concerns with the Bicycle Classic, questioning the value of spending public funds on the event when he claimed the popularity of the Classic has continued to steadily decline over the years. He recommended the City slow down its spending of Measure T money.

CONSENT CALENDAR

Minutes

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved the minutes of the regular meeting of April 19, 2022, and the special meeting of April 20, 2022.

Vote: 5 - 0 Passed

Citrus Preservation Commission Appointments

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously reappointed Marc Shaw, Roger Hardy, and Jack Steward to serve four-year terms on the Citrus Preservation Commission ending April 16, 2026; and appointed Thomas Lanza to serve a four-year term on the Citrus Preservation Commission ending April 16, 2026.

Vote: 5 - 0 Passed

Cultural Arts Commission Appointment

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously appointed Daniel Rodriguez to serve the remainder of a four-year term on the Cultural Arts Commission ending January 6, 2026.

Vote: 5 - 0 Passed

Proclamation Asian American Pacific Islander Heritage Month

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved the issuance of a proclamation declaring May 2022, as Asian American Pacific Islander Heritage Month.

Vote: 5 - 0 Passed

Proclamation Redlands Open World Week

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved the issuance of a proclamation declaring May 1st through May 7th, 2022 as Redlands Open World Week.

Vote: 5 - 0 Passed

Resolution No. 8336 Remote Teleconference Meetings

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved Resolution No. 8336, authorizing remote teleconference meetings by the City Council and all Boards, Commissions, and Committees of the City in accordance with Assembly Bill 361 (2021) for a period of 30 days.

Vote: 5 - 0 Passed

Ordinance No. 2932 Military Equipment Use Policy

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved Ordinance No. 2932, adopting a military equipment use policy.

Vote: 5 - 0 Passed

Release of Liability & Agreement Redlands Jiu Jitsu

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved a Warning, Waiver and Release of Liability and Agreement to Participate between the City of Redlands and Redlands Jiu Jitsu to conduct training, presentations, and testing from May 3, 2022, to May 3, 2025.

Vote: 5 - 0 Passed

Redlands Arts Festival Event

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously determined that the event is categorically exempt from environmental review pursuant to Section 15061(b)(3) of the state's guidelines implementing the California Environmental Quality Act; approved the request by the Redlands Arts Festival, Inc. to hold the Redlands Festival of Arts event on May 28-29, 2022; authorized street closures related to the event; approved a request for in-kind support in the amount of $5,747.00; and authorized the sale and consumption of alcoholic beverages at the event.

Vote: 5 - 0 Passed

Redlands Crush Baseball Sports Field Use Agreement

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously determined that the agreement is exempt from environmental review pursuant to Section 15061(b)(3) of the State's Guidelines implementing the California Environmental Quality Act; and approved a Sports Field Use Agreement with Redlands Crush Baseball.

Vote: 5 - 0 Passed

Resolution No. 8294 Annual SLD and LMD Assessments

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved Resolution No. 8294, initiating proceedings to continue levying assessments, appointing an assessment engineer, and ordering the preparation of an Engineer's Report for Street Lighting District No. 1 and Landscape Maintenance District No.1.

Vote: 5 - 0 Passed

MUED Purchase Order Modification

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved the Fiscal Year 21/22 Purchase Order modification for Municipal Utilities and Engineering Department in the amount of $18,000 with Cintas for uniform, laundry, and janitorial services.

Vote: 5 - 0 Passed

Local Water Company Annual Meetings Summary Report

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously agreed to receive and file the Summary of Local Water Company Annual Meetings.

Vote: 5 - 0 Passed

Brookside Mobile Home Park Water System Intent to Consolidate

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously approved a Letter of Intent to Initiate the Planning Process to Consolidate the Brookside Mobile Home Park Water System with the City of Redlands Water System.

Vote: 5 - 0 Passed

COMMUNICATIONS

Accelerate Neighborhood Climate Action

Mayor Pro Tem Tejeda announced this was the third of a series of presentations by Accelerate Neighborhood Climate Action (ANCA), and he introduced Dr. Valerie Rountree, PhD, Assistant Professor of Environmental Studies at the University of Redlands. She provided a brief overview of the work the organization was doing within the City as it relates to the effects of climate change. She encouraged others to seek ways to reduce their carbon footprint, stressed the importance of learning to live with less energy and discussed ways to build climate resiliency, through mitigation and adaptation.

Traffic and Parking Commission Annual Report

Traffic and Parking Commissioner Eric Shamp provided the annual report and review of accomplishments of the Traffic and Parking Commission over the past year. The Commission's purpose and mission is to receive complaints and suggestions relating to traffic matters and recommend to the City Council ways of promoting safety, improving traffic conditions and the enforcements of traffic regulations. He described recent activity to include, the installation of various stop signs, mid-block crosswalk additions and the realignment of Eureka Street and Brookside with a right-turn only lane and a left-turn pocket lane. He pointed out the public can easily submit their traffic concerns via the City's website.

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Jenna Guzman-Lowery, the City Council unanimously approved to receive and file the Traffic and Parking Commission Annual Report, as presented orally.

Vote: 5 - 0 Passed

NEW BUSINESS

Household Hazardous Waste Collection

Fire Chief Sessler offered a summary of the household hazardous waste collection program and a multi-year contract with the San Bernardino County Fire Protection District not to exceed $717,933.79 over a five-year period. Mayor Pro Tem Tejeda pointed out this program was an excellent example of working to keep harmful items out of our landfills.

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Jenna Guzman-Lowery, the City Council unanimously approved a multi-year contract with San Bernardino County Fire Protection District for household hazardous waste collection management in an amount not to exceed $717,933.79 over a five-year period.

Vote: 5 - 0 Passed

On-Call General Architectural Services

Assistant City Manager Boatman detailed a professional services agreement with Miller Architectural Corporation for on-call general architectural services and explained the on-call agreement will expedite projects planned by the Facilities and Community Services department and will allow for a more efficient utilization of the available funds. The funding for this agreement will be derived from individual project budgets in an amount not-to-exceed $300,000.

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Jenna Guzman-Lowery, the City Council unanimously approved a professional services agreement with Miller Architectural Corporation in an amount not-to-exceed $300,000 for a period of two years.

Vote: 5 - 0 Passed

Arts and Culture Master Plan & Arts Economic Impact Study

Assistant City Manager Boatman offered a brief recap of events leading to tonight's presentation of the Arts Economic Impact Study and introduced Randy Cohen, Vice President of Research, of Americans for the Arts. In 2019, the City Council authorized the Cultural Arts Commission to contract with Americans for the Arts to conduct a separate economic impact analysis focused solely on the nonprofit arts and culture industry in the City. The Cultural Arts Commission identified a total of 26 eligible nonprofit arts and culture organizations, fourteen of which participated in this study, with a 53.8% response rate. Also included was a total of 708 valid audience-intercept surveys, collected from in-person attendees to arts and culture performances, events, exhibits, experiences, and facilities that took place in the City during the period from June 2019 to August 2021. Mr. Cohen was pleased to report the findings as shown on a summary sheet. Partial findings included: Direct Economic Activity for Total Industry Expenditures was $14,222,546; Average event-related spending per person was $20.85 for resident attendees; $33.77 for Nonresident Attendees and $23.25 for All Cultural Audiences.

Allan Griesemer, of the Redlands Art Collaborative, thanked the Council and staff for their support of the Economic Impact Study, explained it was a long-time in the making, and gave special thanks to Kimberli Munkres and the Art Collaborative for their vision and

willingness to financially contribute funds for the study. Council Member Guzman-Lowery pointed out the arts provide substance to people's lives and their value should not be underestimated, as shown in the positive economic numbers just reported. Council Member Davis expressed her gratitude for all those who were instrumental in moving this study forward and making it come to fruition.

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously agreed to receive and file the Arts Economic Impact Study completed for the City of Redlands by the Americans for the Arts.

Vote: 5 - 0 Passed

2022 Fourth of July Celebration

Assistant City Manager Boatman introduced the request from the Redlands Fourth of July Committee asking the City to financially partner with the Committee in support of the 2022 Fourth of July Celebration event and authorize $30,000 for the cost related to the fireworks show. He pointed out that the City, on occasion, authorizes the use of City resources in support of a special event, when it is determined the financial support for the event serves a public benefit. The Committee intended to submit a request for in-kind services but as yet, has not done so, leaving a few questions unanswered. Council Members expressed concerns with the site location and its accessibility, they questioned whether the event provides a public benefit, and they were hesitant to move forward with the request. It was agreed to table the matter. As public comment, Dennis Bell wondered exactly how the Committee would spend the $30,000, and he recommended the City provide more oversight of resources allocated to serve a public benefit.

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously agreed to table the matter until the City Council meeting scheduled for May 17, 2022.

Vote: 5 - 0 Passed

Business License Tax for Distribution Center Businesses

Management Services/Finance Director Garcia provided background for a proposed ordinance on the ballot for the November 8, 2022 General Municipal Election to increase the Business License Tax for Distribution Center Businesses (warehouses) operating within City limits and explained that Mayor Pro Tem Tejeda requested this item be considered. If the voters were to approve an increase, Mayor Pro Tem Tejeda stated his purpose behind raising the tax was to provide an additional funding source to offset warehouse impacts made on the City's infrastructure and environment.

The current business license rates for warehouses and distribution centers were established in December 2007 after being approved by the voters of Redlands. The City’s rate structure for warehouses and distribution centers is based on a per square foot model, with the initial set at $0.035/square foot and providing for an annual increase by a CPI factor up to a maximum of $0.05/square foot. Relative to other cities charging by square foot, Redlands is the second lowest based on past research from 2019. If the City were to increase rates to that

of Rialto and Fontana ($0.075/sf), the additional revenue generated is estimated to be roughly $255,300/year. She offered a projected timeline and noted the deadline to submit a measure to the County Registrar of Voters was August 12, 2022. City Manager Duggan suggested the item could be brought back for Council's consideration in July and at that time, staff would recommend an increase to the Business License Tax and present the necessary documents to place an ordinance on the ballot later this year.

On motion of Mayor Pro Tempore Eddie Tejeda, seconded by Council Member Denise Davis, the City Council unanimously directed staff to prepare the required documents and make their recommendations to place an ordinance on the ballot for the November 8, 2022, General Municipal Election to increase the Business License Tax for Distribution Center Businesses.

Vote: 5 - 0 Passed

COUNCIL MEMBER ANNOUNCEMENTS AND ACTIVITIES

Mayor Barich encouraged everyone to get involved with one of the many projects planned at various site locations for the Community Day of Service scheduled for May 7, 2022.

Mayor Barich participated in the San Bernardino Valley Municipal Water District for the Upper Santa Ana River Water Forum with Municipal Utilities and Engineering Director Harris. He attended the Annual Teacher Appreciation event, hosted by the Church of Latter Day Saints and enjoyed the Town and Gown Annual Awards of Distinction Dinner at the University of Redlands on April 16, 2022.

Council Member Davis attended the Confire Board meeting, Dinner at the Grove School, and she announced next week was the last meeting for the Redlands Youth Council before a summer hiatus. A graduation ceremony was planned for participants.

ADJOURNMENT

There being no further action required the meeting adjourned at 7:25 P.M. The next regular meeting of the City of Redlands City Council will be held on May 17, 2022.

SUCCESSOR AGENCY OF THE FORMER REDEVELOPMENT AGENCY OF THE CITY OF REDLANDS

Chairman Barich called the meeting to order and offered anyone present the opportunity to address the Board on any subject, not already on the agenda, within the jurisdiction of the Successor Agency.

PUBLIC COMMENT

None forthcoming

Minutes

On motion of Vice Chair Tejeda, seconded by Board Member Davis, the minutes of the regular meeting of April 5, 2022, were unanimously approved.

Vote: 5 - 0 Passed

ADJOURNMENT

There being no further business, the Successor Agency Board of Directors' meeting was adjourned at 7:26 P.M. The next regular meeting of the Agency will be held on June 7, 2022.