

CITY OF REDLANDS
MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION
MEETING AGENDA
MONDAY, DECEMBER 2, 2024

STEVE STOCKTON
Chairperson

**CHANDRASEKAR 'CV'
VENKATRAMAN**
Vice Chairperson

ROBERT MEALS
Commissioner

PAUL NORWOOD
Commissioner

THOMAS BREITKREUZ
Commissioner

DAVID GARCIA
Commissioner

ADEKUNLE OJO
Commissioner

JOHN R. HARRIS
Municipal Utilities
& Engineering
Director

GOUTAM K. DOBEY
City Engineer

FERNANDO MATA
Wastewater Utility
Manager

PAUL MARISCAL
Water Utility
Manager

JUNG PARK
Laboratory
Manager

4:00 PM Open Public Meeting
City of Redlands
Civic Campus
35 Cajon Street
Redlands, California 92373

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

- *To provide comment, simply raise your hand to speak*

The following comprises the agenda for the regular meeting of the Municipal Utilities/Public Works Commission of the City of Redlands.

CITY OF REDLANDS
MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION
MEETING AGENDA
MONDAY, DECEMBER 2, 2024

A. ATTENDANCE & CALL TO ORDER

B. PUBLIC COMMENT

(Any person wishing to provide public comment may do so at this time.)

C. APPROVAL OF MINUTES

- a. **October 7 MUPWC Meeting**

D. COMMUNICATIONS

- a. **Director's Report**

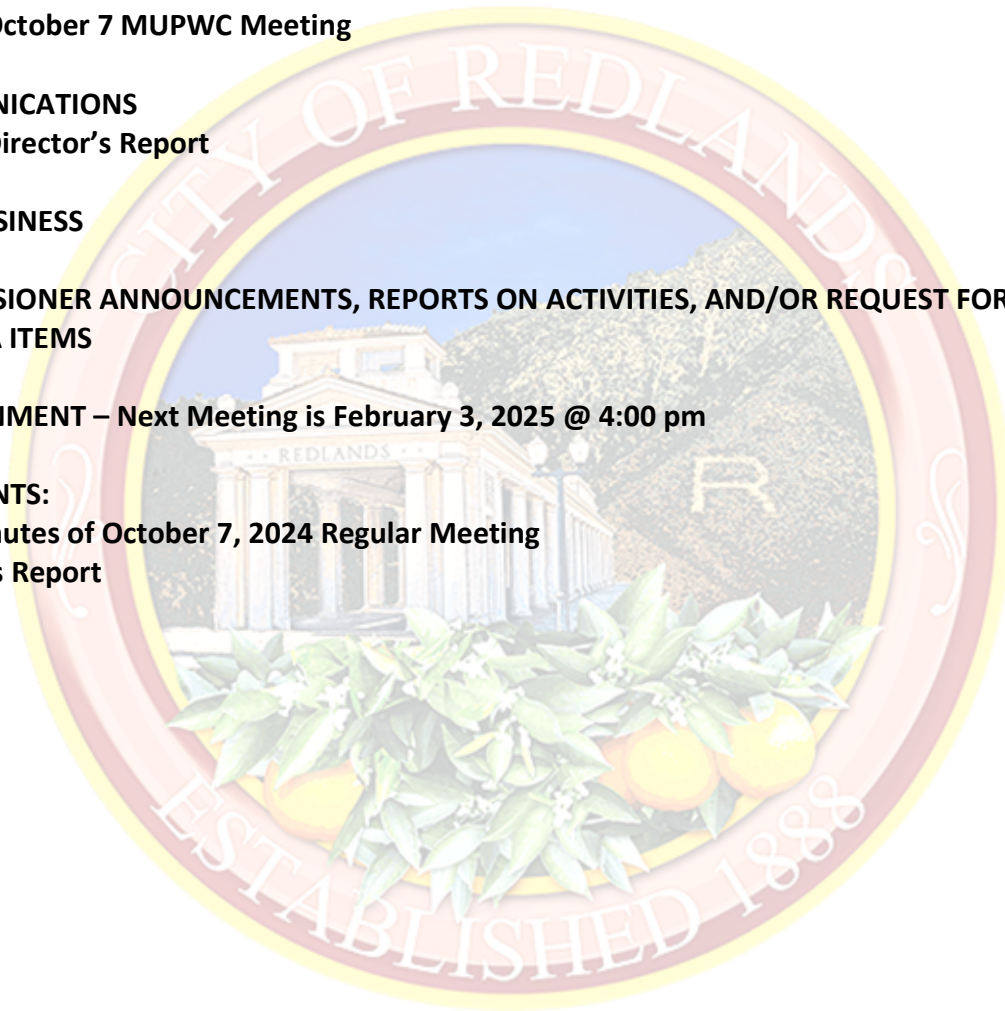
E. NEW BUSINESS

F. COMMISSIONER ANNOUNCEMENTS, REPORTS ON ACTIVITIES, AND/OR REQUEST FOR FUTURE AGENDA ITEMS

G. ADJOURNMENT – Next Meeting is February 3, 2025 @ 4:00 pm

ATTACHMENTS:

- 1. Draft Minutes of October 7, 2024 Regular Meeting**
- 2. Director's Report**



DRAFT
(for MUPWC review on 12/02)
MINUTES

Regular meeting of the City of Redlands Municipal Utilities/Public Works Commission on October 7, 2024 at 4:00 PM Horace Hinkley Water Treatment Plant 1604 Crafton Avenue Mentone CA meeting was an in-person meeting.

A. ATTENDANCE & CALL TO ORDER

Present: Steve Stockton, Chairperson
Adekunle Ojo, Vice Chairperson
David Garcia, Commissioner
Robert Meals, Commissioner
Paul Norwood, Commissioner
Thomas Breitreuz, Commissioner
Chandrasekar 'CV' Venkatraman, Commissioner

Absent: None

City Council Liaison: Mario Saucedo, City Council Member

Staff: John Harris, Municipal Utilities & Engineering Director; Goutam Dobey, City Engineer; Commission Liaison/Associate Engineer; Sara White, Commission Liaison/Senior Administrative Assistant; Ashley Rosario, Senior Administrative Assistant; Fernando Mata, Wastewater Utility Manager; Paul Mariscal, Water Utility Manager, Jung Park, Laboratory Manager

Guest Speakers: Paul Mariscal, Water Utility Manager, Fernando Mata, Wastewater Utility Manager

Commissioner Steve Stockton, called the meeting to order at 4:00 PM. Tour of Treatment Plant will be conducted after the meeting adjournment.

B. PUBLIC COMMENT

None.

C. APPROVAL OF MINUTES

The minutes of the meeting of August 5, 2024, were unanimously approved with revisions at the request of David Garcia. Revisions noted.

DRAFT
(for MUPWC review on 12/02)
MINUTES

D. COMMUNICATIONS

a. Director's Report

Director Harris has no new items. Before proceeding with the Director's report Director Harris opens the floor for questions on CC items.

Chairman Ojo requests information on a CC item regarding Columbia St. parking zones that went to the Traffic & Parking Commission at the petition request of residents. Director Harris provided parking restrictions approved at the location and future possible changes.

WWTP P2 Project Update:

John Harris: Not a lot of progress on this item. It is still in the review queue with the Water Board. Their legal staff is preparing the finance agreement. This process is actually ahead of schedule. Nothing further to report on this item.

Water Meter Replacement Project:

Notices have been sent out and production is just starting to ramp up. Ojo question of replacement of cycle replacement. Complete meter replacements are based on the age of the meters. Therefore, some meters are fully replaced, and some are partially replaced based on age at this time. Discussion of meter reading gateways installed locations and how as new meters are put in the ground they are immediately read remotely.

PMP Update:

The paving project is just getting started with Matich as the contractor. This contractor has done a great job in the past. They have worked fast and have been very responsive to the public.

CIP Sewer Pipeline Replacement Project:

Director Harris shared his personal experience as a resident with this project including noticing the project to the residents. Director Harris shared his comments on how improvements can be made in the future to the project including the public notices provided to residents. Stockton requested that a small piece of the sewer pipe that was removed be brought to the CC meeting to use as a visual example.

Caltrans/SBCTA Projects:

Mr. Garcia comments on the project and his experience in the traffic due to this project
No further discussion.

Please visit the following agency websites for specific project details:

Caltrans District 8 - <https://dot.ca.gov/caltrans-near-me/district-8/district-8-current-projects>

SBCTA - <https://www.gosbcta.com/projects/>

DRAFT
(for MUPWC review on 12/02)

MINUTES

Q3 Capital Improvement Project Update:

The commission was provided a copy of the Director's report that lists all 8 projects.

Mr. Garcia has a question/comment on item #6 Sunset Reservoir Replacement Project.

Mr. Garcia's question: Why is the plan to build two instead of one large reservoir and when the second one will be built?

Director Harris states that the decision to build two instead of one was mostly due to cost. At this time there is no date or timeline for the construction of the second reservoir.

Director Harris discusses some of the plans for the Hinkley Water Treatment Plant and water agreements.

No further questions on the Director's report.

1. NEW BUSINESS

David Garcia makes comments on the conditions of the local freeway slopes versus Orange County freeway slopes. Discussion of how the water usage of maintaining such locations works with Caltrans. David Garcia requests information on how these agreements work and if there is a way to work with Caltrans to better maintain and or provide more water to the local freeway slopes.

Director Harris adds and provides information regarding the discussions with the Finance Department on the use of development impact fees such as the Water Source Acquisition Development Impact Fee.

Thomas Brreitzkreuz recommended requesting an update on the State St./ City Hall Building regarding the occupancy.

2. COMMISSIONER ANNOUNCEMENTS, REPORTS ON ACTIVITIES, AND/OR REQUESTS FOR FUTURE AGENDA ITEMS

No further comments.

3. ADJOURNMENT – Next meeting is scheduled for December 2, 2024 at 4:00 PM at Tate Water Treatment Plant located at 3050 Mill Creek Rd, Mentone, CA 92359.

There being no further business the meeting was adjourned at 4:50 PM. The next meeting of the City of Redlands Municipal Utilities/Public Works Commission is scheduled for December 2, 2024.



City of
REDLANDS
Incorporated 1888
Municipal Utilities & Engineering Department

JOHN R. HARRIS
Director

MEMORANDUM

TO: Steve Stockton, Municipal Utilities/Public Works Commission Chair

FROM: John R. Harris, Municipal Utilities & Engineering Department Director

DATE: November 25, 2024

SUBJECT: December 2, 2024 Director's Report

Hello and thank you for serving the Redlands community as a Municipal Utilities/Public Works Commissioner (MUPWC)! City of Redlands Municipal Code Chapter 2.38 establishes the responsibilities of the MUPWC as follows:

"The commission is a resource for the City Council and City staff and buffer with the general public. In its advisory capacity, the commission shall be knowledgeable of all public works, utilities and engineering programs. The commission shall, through the individual and collective expertise of its members, provide advice to the Public Works and Municipal Utilities Departments regarding the public acceptability of proposed plans, programs and projects."

Upcoming City Council Meeting Agenda Items

- WWTP Regional Biosolids Feasibility Study Cooperative Agreement (December 3)
- 5-Year Watershed Sanitary Survey Award (December 3)
- WWTP Secondary Clarifier Rehabilitation Award (December 3)
- Church/San Bernardino Traffic Signal Engineering Award (December 17)
- Citywide Traffic Signal Head Improvement Engineering Award (December 17)
- WWTP MBR Preventive Maintenance/Replacement Award (December 17)
- California/Redlands Intersection Improvement IS/MND Adoption (December 17)
- California/Redlands Intersection Improvement Engineering Extension (December 17)
- Annual Contractor List Adoption (December 17)
- Highline/Annual Waterline Replacement Project Award (December 17)
- Water Treatment Chemical Purchase Order Modification (December 17)
- Laboratory Fume Hood/Sample Refrigerator Purchase (December 17)
- Redlands Regional Connector South Project Award (January 21)
- Traffic & Parking Commission Municipal Code Update (January 21)
- AQMD Lease Agreement (January 21)

- Rate Protest Procedures Update (January 21)

WWTP P2 Project Update

Parsons Engineering completed and submitted all WWTP Improvement Project Phase 2 documents in December 2023. MUED staff and SWRCB staff participated in a kick-off meeting for the acceptance and use of a \$45M State Revolving Fund (SRF) loan to construct these improvements. The SRF application includes four (4) packages: General Information, Technical, Environmental, and Financial Security. We learned that the timeline for development of a Financing Agreement, which includes additional review of these packages and a general legal review, is approximately two (2) years. MUED staff has provided all requested documentation and continues to work closely with SWRCB staff to expedite this process. The project engineering plans are complete. The SWRCB legal staff is currently drafting the Financing Agreement for City Attorney and Bond Counsel review. It is anticipated that this Agreement will be presented to the City Council in Spring 2025.

Water Meter Replacement Project

MUED is implementing a multi-year project to replace all potable and non-potable water meters within the Redlands service area. Ferguson Waterworks was selected to supply and install the water meters, meter box lids, and Automated Metering Infrastructure (AMI) water meter hardware for use in the future. Ferguson recently completed Phase 2 of the project, which focused on residential and large diameter commercial water meter replacements and AMI hardware retrofits. The water savings value associated with the completion of Phase 2 will be evaluated during the next year.

In July 2022, MUED staff submitted a BOR grant application to partially fund the three (3) remaining project phases. BOR recently approved this funding request and will provide approximately \$2.7M to complete the project. MUED staff submitted a BABA waiver request, which was approved in March 2024, to purchase and install Neptune water meters since no known AMI capable water meter manufacturers meet the BABA requirements. On September 5, 2023, the City Council awarded a new contract to Ferguson for the third and final phase of this project, which consolidates phases 3 – 5 into a single phase. The cost to complete this final project phase is approximately \$6.7M, of which approximately \$2.7M will be reimbursed by BOR. Water meters have been ordered and are being delivered in manageable batches. Ferguson began replacing water meters in mid-July and is anticipated to complete the project in early-2025. The project is currently on-budget, on-schedule, and approximately forty-five percent (45%) complete. A project location map is provided as Attachment “B”.

PMP Update

City Council awarded a construction contract to Match Corporation on October 1. The project will reconstruct eighteen (18) lane miles and will crack seal/slurry ten (10) lane miles of public streets. Portions of Lugonia Avenue and California Street within SB County’s jurisdiction are



proposed for rehabilitation. MUED staff negotiated the details of a cooperative agreement to ensure the entire pavement width of these streets is rehabilitated, in lieu of each agency paving their jurisdictional portions separately. City Council approved this Agreement, which obligates SB County to reimburse the City approximately \$900K upon project completion, on September 17. Paving these streets, which experience heavy traffic congestion during the holiday shopping season, was prioritized first and is now complete. A project location map is provided as Attachment “C”.

Caltrans/SBCTA Projects

Please visit the following agency websites for specific project details:

Caltrans District 8 - <https://dot.ca.gov/caltrans-near-me/district-8/district-8-current-projects>

SBCTA - <https://www.gosbcta.com/projects/>

I will continue to provide project updates and summaries for potentially impactful projects within Redlands and nearby areas.

Caltrans Projects of Interest:

1. Bridge Deck Repairs – Night work (7:00 pm-5:00 am) on Interstate 15 in San Bernardino including deck rehabilitation, concrete overlay, bridge rail/joint seal/approach slab/soffit replacement.
2. SR-330/SR-18 Guardrail Work – SR-330 was opened to traffic in both directions on November 22.

SBCTA Projects of Interest:

1. Zero-Emission Multiple Unit (ZEMU) – North America’s first federally compliant self-powered, zero-emission passenger train will be used on the Redlands Arrow Line in late-2024. ZEMU uses a hybrid hydrogen and battery technology to propel the train and power onboard electrical systems. Water vapor is the only emission generated from the propulsion system.
2. SR-210/Waterman Avenue Project – Widen eastbound on-ramp to two (2) lanes and restripe the Waterman Avenue overcrossing to provide two (2) left-turn lanes in each direction.

CalTrans Freeway Slopes – Vegetation/Irrigation

MUED staff contacted CalTrans to advocate for the installation of vegetation and irrigation adjacent to highway travel lanes and ramps.

300 East State Street Occupancy Update



The City Manager's Office is currently the only City staff occupying the building (Floor 6). MUED and the Development Services Department will share Floor 3, with MUED occupying the western half of this floor. The southern half of the MUED space is currently vacant and staff office assignments have been identified to limit the extent of interior improvements. The northern half of the MUED space is currently occupied. The western end of the MUED space includes a large conference room that will be ideal for committee and commission meetings. The MUED space also allows for additional staffing in the future.

All remaining building tenants on Floors 1 – 4 will vacate their spaces in spring 2025. The Floor 5 tenants will remain. After the tenants vacate the building, the entire structure will undergo a significant seismic resistivity retrofit project, and computer networks and systems will be designed and implemented. City staff are anticipated to occupy the building in spring 2026.

Q3 Capital Improvement Project Update

The MUPWC is charged with, among other things, “*annually reviewing the City CIP under the purview of the Public Works and Municipal Utilities Departments*” (Municipal Code 2.38.030). However, during the December 7, 2020 MUPWC meeting, the Commission asked the MUED staff to provide quarterly CIP updates. A summary and status of CIP projects is provided in Attachment “D”. Highlights of current projects are provided below:

1. Multi-Year Well Rehabilitation & Booster Pump Replacements – Five (5) potable water wells and two (2) non-potable water wells are being rehabilitated in FY 23/24. This work is prioritized to occur during our typical low water demand season. The rehabilitation of six (6) of these seven (7) wells is complete and one (1) well is currently being rehabilitated. All wells will be returned to service before the end of 2024. Following is a short list of specific groundwater wells scheduled for rehabilitation with this project:
 1. Church Street Well (potable)
 2. Mentone #2 Well (potable)
 3. Airport #2 Well (potable)
 4. Mill Creek 2A Well (potable)
 5. Rees Well (potable)
 6. Mill Creek #4 Well (non-potable)
 7. Redlands Heights Well (non-potable)
2. Tate WTP Raw Water Influent Pipeline Engineering – This project is underway and Carollo Engineers recently submitted the 90% design plans for review. MUED staff reviewed these plans and submitted comments back to Carollo. Additional potholing within Mill Creek is necessary to finalize the design. The Chambers Group is providing environmental permitting support and is coordinating with CDFW to discuss the potholing work, as well as environmental mitigation requirements for the entire project.
3. Hinckley WTP Sludge Press Engineering – City Council approved a Sole Source Procurement Waiver to purchase the equipment directly from PacPress (Anaheim), and

- another Sole Source Procurement Waiver to contract with Dudek, the engineer of record, to provide construction support services. The project construction/equipment installation phase will be bid in mid-2025 after the filter press and associated equipment is delivered.
4. Well Perchlorate Treatment Evaluation – This project is substantially complete. MUED staff recently reviewed the 90% design plans. A recent detection of PFAS will not require design revisions.
 5. Automated Metering Infrastructure (AMI) – Ferguson Enterprises was awarded a contract to install twenty-six (26) gateway collector stations throughout the City to remotely read water meters. This project is substantially complete and thousands of AMI capable water meters are being read remotely. Newly installed AMI capable water meters will immediately be read remotely through this system as they are installed.
 6. Sunset Reservoir Replacement Project – In July 2024, City Council adopted the environmental document and mitigation plan for this project. In 2023, Redlands purchased approximately twenty-two (22) acres adjacent to the existing reservoir site. The goal of this land acquisition was to allow for the construction of up to two (2) additional large (10-15 MG) partially buried reservoirs, while continuing to use the existing reservoir during construction. MUED is developing an engineering scope of work for the next project phase, which will include engineering for both reservoirs and near-future construction of one (1) reservoir.
 7. Phase II & III Water Distribution SCADA Upgrade - Materials have been ordered. Installations are underway and will continue into 2025.
 8. Sewerline Replacement Project – The FY 24/25 project is underway and the project is currently on-budget and on-schedule.

As always, feel free to contact me anytime to discuss MUED issues, programs, projects, or concerns.

John R. Harris

jharris@cityofredlands.org

(909) 725-1963

Attachments:

A – Acronym List

B – Citywide Water Meter Replacement Project Phase 3 Location Map

C – FY 24/25 PMP Location Map

D - CIP Status List

ACRONYMS

AACE	Association for the Advancement of Cost Engineering
AF	Acre-Feet
AFD	Acre-Feet per Day
AFY	Acre-Feet per Year
ADD	Average Day Demand
AMI	Advanced Metering Infrastructure
AMR	Automated Meter Reader
APWA	American Public Works Association
ARPA	American Rescue Plan Act
ASCE	American Society of Civil Engineers
ASL	Above Sea Level
AWWA	American Water Works Association
BABA	Build America Buy American
BOD	Biological Oxygen Demand
BOR	Bureau of Reclamation
BVMWC	Bear Valley Mutual Water Company
CalOSHA	California Division of Occupational Safety and Health Agency
CalWARN	California's Water/Wastewater Agency Response Network
CCR	Consumer Confidence Report
CIP	Capital Improvement Program
CO	Carbon Monoxide
Cogen	Cogeneration
CPUC	California Public Utilities Commission
CWC	Crafton Water Company
DDW	Division of Drinking Water
DIF	Development Impact Fees
DLR	Detection Limit for Purposes of Reporting
DOE	Department of Energy
DU	Dwelling Unit
EDU	Equivalent Dwelling Unit
ELRP	Emergency Load Reduction Program
EOPC	Engineer's Opinion of Probable Cost
EPA	Environmental Protection Agency
EPS	Extended Period Simulation
ERNIE	Emergency Response Network of the Inland Empire
ES	Equalizing Storage
EVWD	East Valley Water District

FCS	Facilities and Community Services Department
FOG	Fats, Oil, and Grease
FPS	Feet Per Second
FSS	Fire Suppression Storage
FY	Fiscal Year
GC	Groundwater Council
GIS	Geographical Information System
GPCD	Gallons per capita day
GPD	Gallons per day
GPM	Gallons per minute
Hinckley WTP	Horace P. Hinckley Water Treatment Plant
HP	Horsepower
HSIP	Highway Improvement Safety Program
I-10	Interstate 10
I-210	Interstate 210
IS/MND	Initial Study/Mitigated Negative Declaration
MBR	Membrane Bioreactor
MCL	Maximum Contaminate Level
MDD	Maximum Day Demand
MG	Million Gallons
MGD	Million Gallons per Day
mg/L	Milligrams per Liter
MUED	Municipal Utilities and Engineering Department
NOx	Nitrogen Oxides
NPW	Non-Potable Water
NTU	Nephelometric Turbidity Unit
O&M	Operations and Maintenance
OS	Operational Storage
PFAS	Per- & Polyfluoroalkyl Substances
PHD	Peak Hour Demand
PMP	Pavement Management Program
PPM	Parts Per Million
PRS	Pressure Reducing Stations
PSI	Pounds per Square Inch
PW	Potable Water

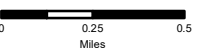
RW	Recycled Water
SAR	Santa Ana River
SB	Stand-by Storage
SBBA	San Bernardino Basin Area
SBV	San Bernardino Valley (formerly San Bernardino Valley Municipal Water District)
SCADA	Supervisory Control and Data Acquisition
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SGMA	Sustainable Groundwater Management Act
SOC	Synthetic Organic Compounds
SOP	Standard Operating Procedure
SRF	State Revolving Fund
SSMP	Sewer System Management Plan
SWP	State Water Project
SWRCB-DDW	State Water Resources Control Board – Division of Drinking Water
Tate WTP	Henry Tate Water Treatment Plant
TBD	To be determined
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
TTHM	Trihalomethanes
U.S.	United States
UWMP	Urban Water Management Plan
VOC	Volatile Organic Compounds
WD	Water Distribution
WP	Water Production
WSCP	Water Shortage Contingency Plan
WSMP	Water System Master Plan
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant

FY23/24 Meter Routes

Potable Water Meter
Change-Out CIP

- Route 24 - 282
- Route 25 - 492
- Route 26 - 329
- Route 27 - 344
- Route 28 - 301
- Route 31 - 271
- Route 32 - 268
- Route 33 - 314
- Route 34 - 324
- Route 45 - 159
- Route 47 - 254
- Route 48 - 221
- Route 51 - 341
- Route 52 - 355
- Route 53 - 310
- Route 54 - 335
- City of Redlands

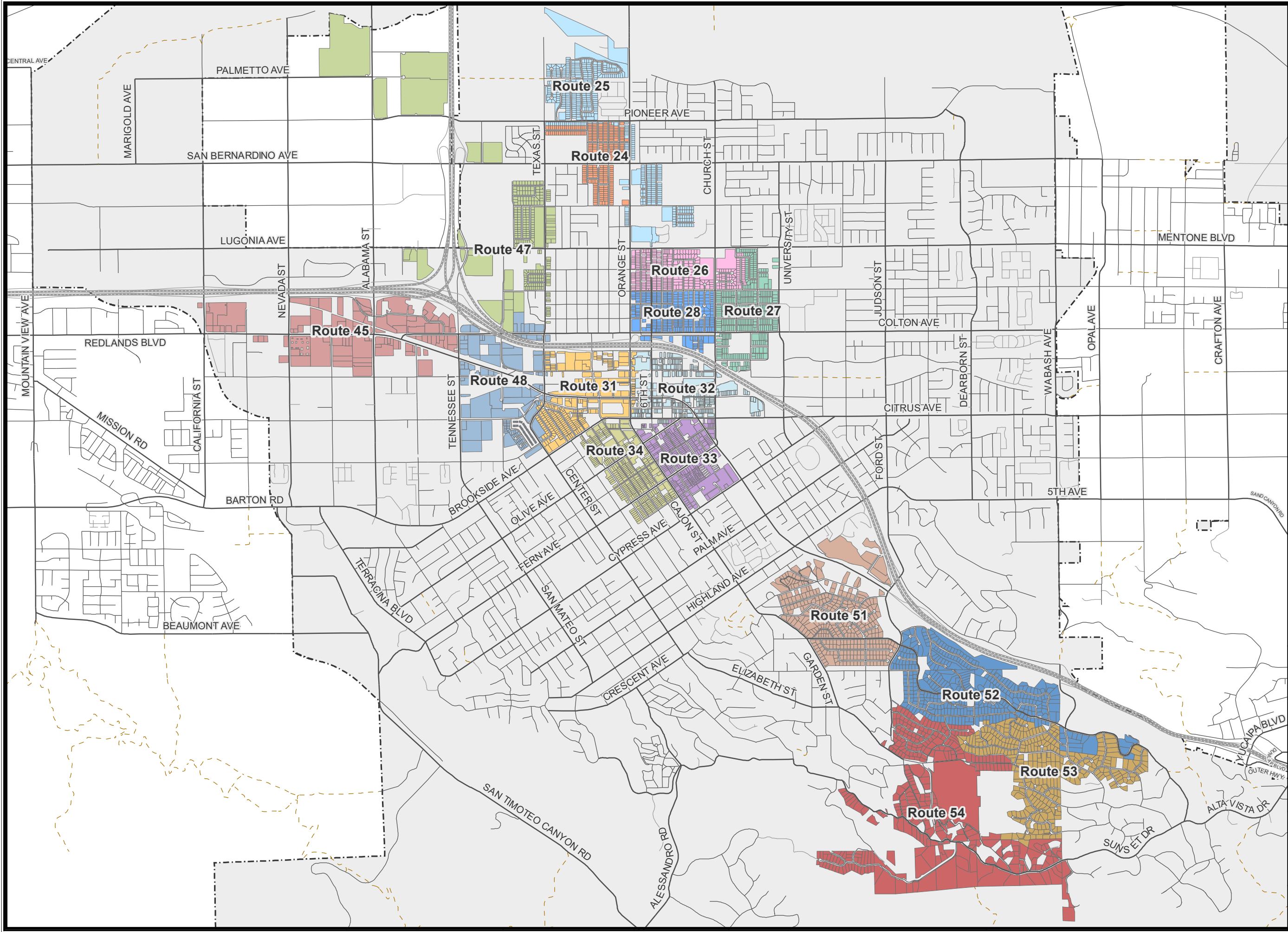
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June 14, 2022

FY23_24Potable.mxd

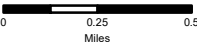


FY24/25 Meter Routes

Potable Water Meter
Change-Out CIP

- Route 35 - 325
- Route 36 - 278
- Route 37 - 357
- Route 38 - 261
- Route 41 - 339
- Route 42 - 255
- Route 43 - 275
- Route 55 - 341
- Route 56 - 350
- Route 57 - 351
- Route 58 - 249
- Route 61 - 343
- Route 62 - 359
- Route 63 - 455
- Route 64 - 442
- City of Redlands

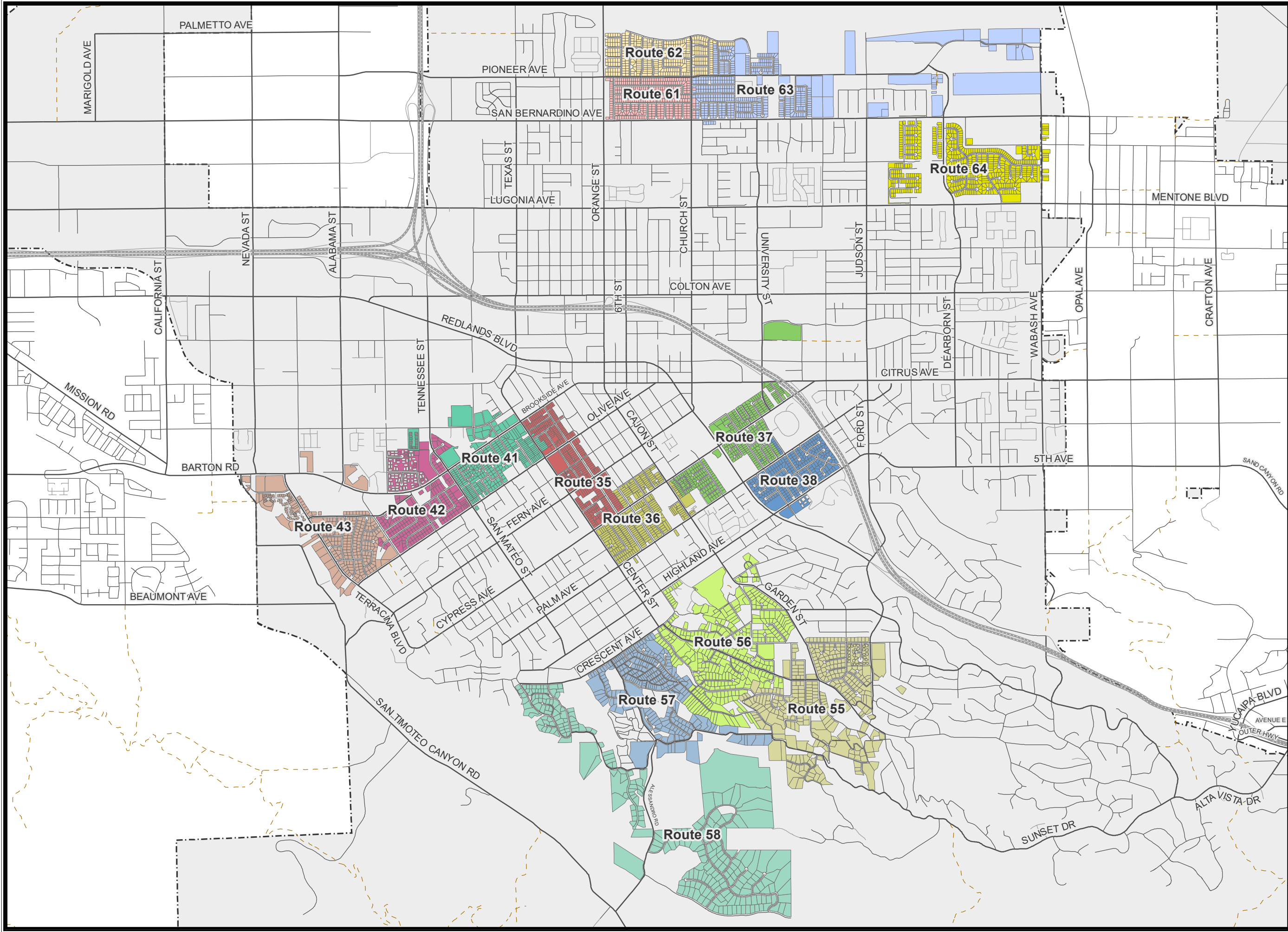
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June 14, 2022

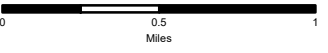
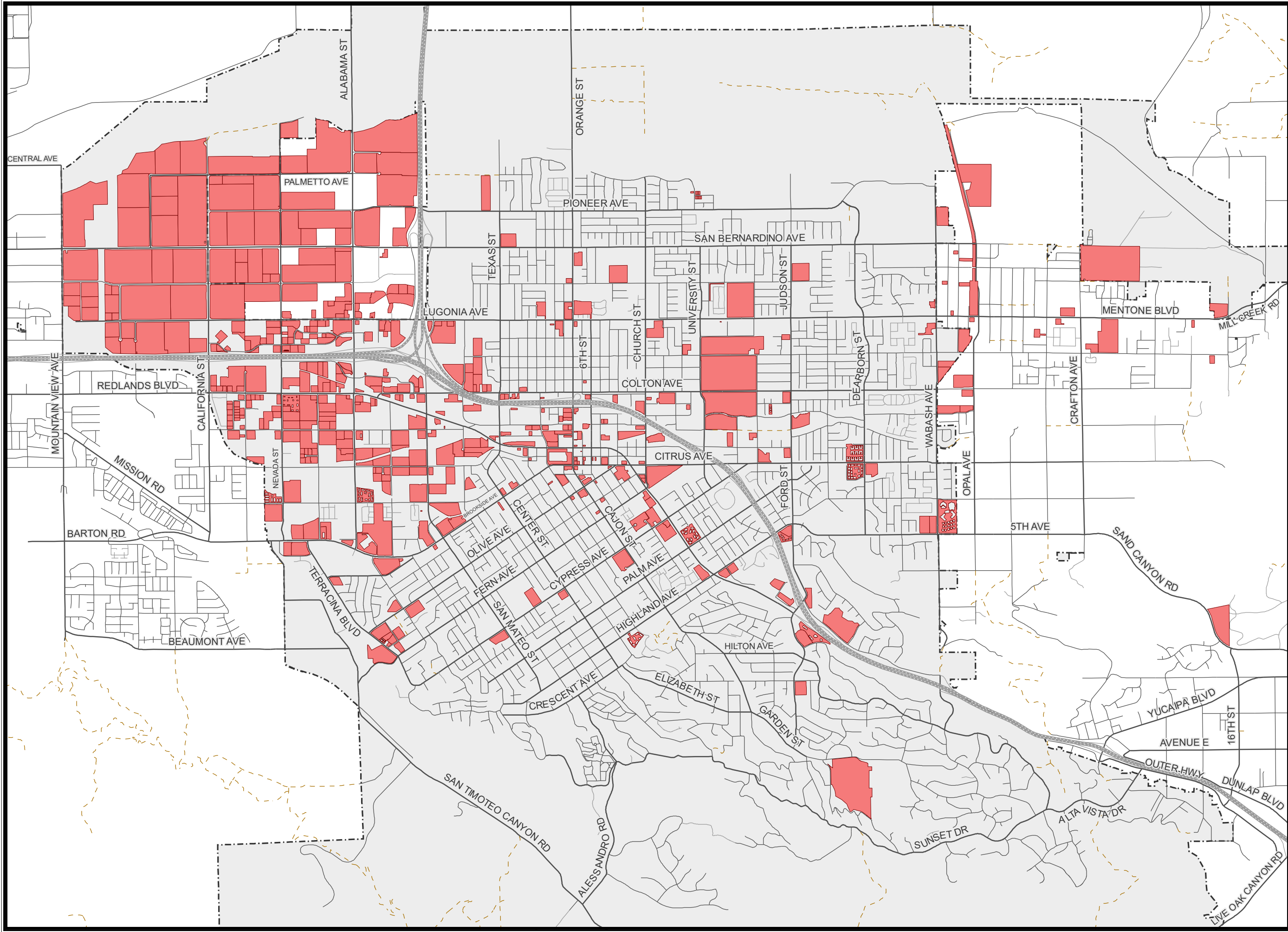
FY24_25Potable.mxd



FY25/26 Fire Protection

Potable Water Meter
Change-Out CIP

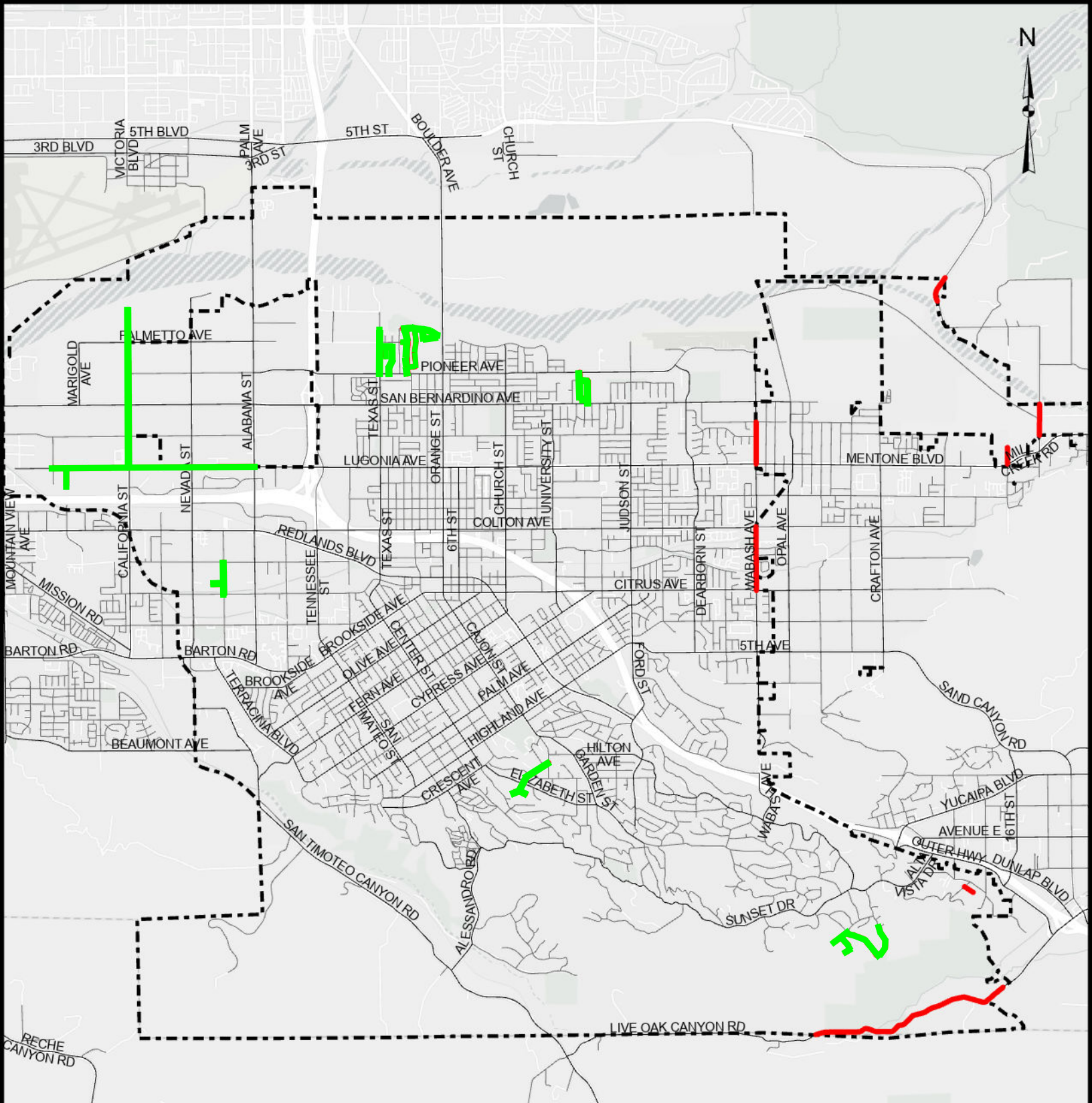
-  Fire Protection
-  City of Redlands



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May 24, 2021

FY25_26Potable_FirePro.mxd



- Legend**
- Under Construction
 - Completed



City of Redlands
PMP 2024 STREET RESURFACING PROJECT
LOCATION MAP

**MUNICIPAL UTILITIES AND ENGINEERING DEPARTMENT
CIP PROJECTS LIST**

PLANNING		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	FY 2023-24	FY 2024-25	FY 2025-26
P1	WATER	501910		Sunset Reservoir Replacement	PLANNING	0%		Paul/John			
P2	PMP	211910		2025 Alley Paving Improvements	PLANNING	0%		Johana/Elva			\$500,000.00
P3	WATER	501910		2025 CIP Water Pipeline Replacement	PLANNING	0%		Elva/Gerard			\$4,500,000.00
P4	GENERAL	101400		2025 Citywide Sidewalk & ADA Ramp Replacement	PLANNING	0%		Gerard/Elva			\$500,000.00
P5	WASTEWATER	521910		2025 Sewer Pipeline and Manhole Rehabilitation	PLANNING	0%		Bryan/Johana			\$1,500,000.00
P6	ARTERIAL	252400		California Street Widening at Lugonia Ave	PLANNING	0%		Goutam			\$1,150,000.00
P7	WATER	501910		Hinckley WTP Parking Lot Improvements	PLANNING	0%		Veronica/Gerard			\$225,000.00
P8	PMP	211910		PMP 2025 Street Resurfacing Project	PLANNING	0%		Veronica/Gerard			\$4,000,000.00
P9	WASTEWATER	521910	521036	RTC Replacement	PLANNING	40%		Fernando/Goutam		\$300,000.00	
P10	HSIP C11	200400	S400028	Traffic Signal Improvement San Bernardino/Church	PLANNING	35%		Veronica		\$653,600.00	
P11	HSIP C11	200400	S400029	Traffic Signal Hardware Improvements (16 TS)	PLANNING	35%		Veronica		\$245,000.00	
P12	HSIP C11	200400	S400030	Traffic Signal Timing & Phasing Improvements (16 TS)	PLANNING	35%		Veronica		\$718,100.00	
Planning Projects - Cost Summary									\$0.00	\$1,916,700.00	\$12,375,000.00
DESIGN		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget	Current Budget	Current Budget
D1	WATER	501910	501065	AWIA Security Fencing Installation	DESIGN	50%		Paul/Bryan		\$3,000,000.00	
D2	WASTEWATER	521910	521037	Concrete Step	DESIGN	5%		Fernando/Goutam		\$50,000.00	
D3	WASTEWATER	521910	521038	Hillside Stabilization Project	DESIGN	5%		Fernando/Goutam		\$300,000.00	
D4	TRAFFIC	253400	253017	Traffic Signal Improvement Cypress/Cajon	DESIGN	100%		Elva			
D5	ARTERIAL	252400	252002	California Street Widening at Redlands Blvd	DESIGN	100%	CASC Engineering and Consulting	Gerard	\$394,345.00	\$4,300,000.00	
D6	ARTERIAL	252400	252001	Citrus Avenue Widening Project	DESIGN	95%		Elva			\$1,200,000.00
D7	TDA	241400	C400007	East Valley Corridor Project Alabama Street	DESIGN	100%		Veronica			
D8	WATER	501910	501009	Hinckley WTP Sludge Press	DESIGN	65%	Dudek	Paul/John	\$833,655.00	\$750,000.00	\$3,500,000.00
D9	WATER	501910	501028	Fixed Generators - Agate, 5th, Texas & Country Club	DESIGN	100%	Brady & Associates	Paul/Veronica	\$507,549.00	\$1,725,000.00	\$3,815,000.00
D10	HSIP C10	200400	S400021	Enhanced Crosswalk - Dearborn/Judson/Colton/Wabash	DESIGN	95%		Veronica	\$250,000.00		
D11	WATER/SEWER	501/521	50048/521028	Joint Utilities Laboratory Expansion	DESIGN	60%	CDM Smith, Inc.	JP/Goutam		\$745,375.00	\$4,000,000.00
D12	TDA	241400	S241006	Orange Blossom Trail Phase 4	DESIGN	100%		Gerard		\$1,232,000.00	
D13	WATER	501910	501040	Tate Transmission Line Replacement	DESIGN	90%	Carollo Engineers, Inc.	Paul/John	\$2,075,096.00		
D14	WATER	501910	501054	Well Drilling	DESIGN	25%	Richard C. Slade & Associates	Paul/Veronica	\$290,000.00		
D15	NON-POTABLE	531910	532001	WWTP Recycled Water Reservoirs Design	DESIGN	100%	Carollo Engineers, Inc.	John	\$734,839.00		
D16	WASTEWATER	521910	521034	WWTP Rehabilitation Phase 2	DESIGN	100%	Parsons	Fernando/Goutam		\$250,000.00	\$45,500,000.00
Design Projects - Cost Summary									\$5,085,484.00	\$12,352,375.00	\$58,015,000.00
BID & AWARD		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget	Current Budget	Current Budget
B1	GENERAL	101400	MUED25002	2024 Citywide Sidewalk & ADA Ramp Replacement	BID & AWARD	10%		Elva		\$500,000.00	
B2	WASTEWATER	521910	S531021	Recycled Water for California St Orange Groves Project	BID & AWARD	10%		Goutam		\$400,000.00	
B3	WATER	501910	501063	2023/24 CIP Water Pipeline & Highline Replacement	BID & AWARD	75%	TKE Engineering/MCC Pipeline, Inc.	Goutam		\$9,000,000.00	
B4	CRP	200400	F400032	Redlands Regional Connector (South) Project	BID & AWARD	25%	KOA Consultants	Veronica	\$846,000.00		
Bid & Award Project - Cost Summary									\$846,000.00	\$9,900,000.00	\$0.00
CONSTRUCTION		Org Key	PL	Project Name	Project Phase	Progress	Contractor	PM/Inspector	Contract Amount	Contract Amount	Contract Amount
C1	WASTEWATER	521910	521032	2024 Sewer Pipeline and Manhole Rehabilitation	CONST	1%	All Cities Engineering, Inc.	Johana/Chris		\$1,367,517.00	
C2	PMP	211910	211011	2024 Alley Paving Improvements	CONST	45%	Tryco General Engineering	Elva/James		\$483,955.00	
C3	PMP	211910	211010	PMP 2024 Street Resurfacing Project	CONST	60%	Matich Corporation	Gerard/Daniel		\$4,567,377.00	
C4	WASTEWATER	521910	521035	WWTP Drive Path, Parking Lot, Driveways, Brine Cap	CONST	5%	Matich Corporation	Gerard/Daniel		\$110,000.00	
C5	ARPA	521910	F120002	WWTP Primary Clarifier Upgrade Project	CONST	5%	GSE Construction Company, Inc.	FM/GD/Daniel		\$940,720.00	
C6	TDA	241400	S241005	2021 Transit Stop Improvement	CONST	99%	CT&T Concrete Paving	Veronica/Daniel		\$111,046.65	
C7	WASTEWATER	521910	521030	2023 CIP Sewer Pipeline Replacement	CONST	70%	All Cities Engineering, Inc.	Johana/Chris	\$2,485,353.00		
C8	GENERAL/PMP	101/211	211009	2023 Alley Paving Improvements	CONST	99%	Tryco General Engineering	Elva/James	\$1,738,285.00		
C9	WATER	501910	C501064	Water Meter Replacement (Potable/Non-potable) Project	CONST	65%	Ferguson Enterprises, LLC	John/Aaron/Chris	\$6,747,257.96		
C10	WATER	501910	501006	Water System SCADA Design & Integration-Final Phase	CONST	65%	TESCO Controls, Inc.	Paul/Daniel	\$4,727,968.00		
C11	WATER	501910	501006	Automated Metering Infrastructure Project	CONST	95%	Ferguson Enterprises, LLC	Paul/Aaron/Chris	\$792,876.00		
Construction Projects - Cost Summary									\$16,491,739.96	\$7,580,615.65	\$0.00
Project Total Dollars									\$22,423,223.96	\$31,749,690.65	\$70,390,000.00