

**CITY OF REDLANDS**  
**MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION**  
**MEETING AGENDA**  
**MONDAY, APRIL 3, 2023**

**ADEKUNLE OJO**  
Chairperson

**STEVE STOCKTON**  
Vice Chairperson

**ROBERT MEALS**  
Commissioner

**ZACHARY TRAVIS**  
Commissioner

**THOMAS BREITKREUZ**  
Commissioner

**DAVID GARCIA**  
Commissioner

**CHANDRASEKAR 'CV'  
VENKATRAMAN**  
Commissioner

**JOHN R. HARRIS**  
Municipal Utilities  
& Engineering  
Director

**GOUTAM K. DOBEY**  
City Engineer

**4:00 PM Open Public Meeting**  
**City Council Chambers**  
**Civic Center**  
**35 Cajon Street**  
**Redlands, California**

*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, APRIL 3, 2023**

**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. **February 6, 2023 Regular Meeting Minutes**

**D. COMMUNICATIONS**

- a. **Director's Report**

**E. NEW BUSINESS**

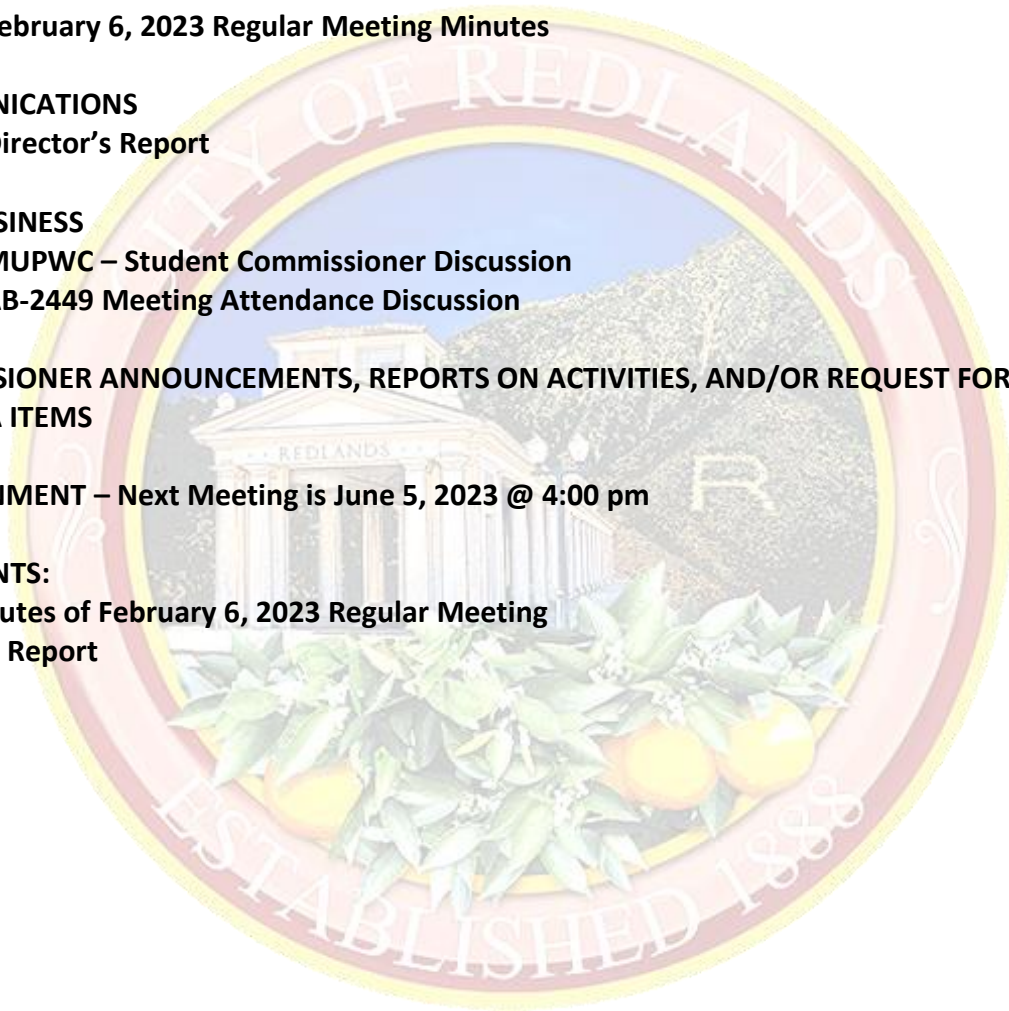
- a. **MUPWC – Student Commissioner Discussion**
- b. **AB-2449 Meeting Attendance Discussion**

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

**G. ADJOURNMENT – Next Meeting is June 5, 2023 @ 4:00 pm**

**ATTACHMENTS:**

- 1. Draft Minutes of February 6, 2023 Regular Meeting**
- 2. Director's Report**



**DRAFT**  
**(for MUPWC review on 4/3)**  
**MINUTES**

Regular meeting of the City of Redlands Municipal Utilities/Public Works Commission on February 6, 2023 at 4:00 PM in the Council Chambers at the Civic Center, 35 Cajon Street. The meeting was an in-person meeting with teleconferencing available via Zoom. Votes were conducted in person and by roll call.

**A. ATTENDANCE & CALL TO ORDER**

Present: Adekunle Ojo, Chairperson (joined at 4:06 PM)  
David Garcia, Commissioner  
Chandrasekar 'CV' Venkatraman, Commissioner  
Zachary Travis, Commissioner  
Thomas Breitkreuz, Commissioner  
Robert Meals, Commissioner

Absent: Steve Stockton, Vice Chairperson

Staff: John Harris, Municipal Utilities & Engineering Director; Goutam Dobey, City Engineer; Johana Silva, Commission Liaison/Assistant Engineer; Mayor Eddie Tejeda; Council liaison, Mario Saucedo; Fernando Mata, Wastewater Operations Superintendent; Jungjoon Park, Joint Utilities Laboratory Manager (joined remotely); Veronica Medina (joined remotely)

Commissioner CV called the meeting to order at 4:05 PM.

**B. PUBLIC COMMENT**

None forthcoming.

**C. APPROVAL OF MINUTES**

On the motion by Commissioner Garcia, seconded by Commissioner Breitkreuz, the minutes of the regular meeting of October 3, 2022, were approved with Chairperson Ojo abstaining.

**Vote:** 5 – 0 Passed

**D. COMMUNICATIONS**

**a. Director's Report**

Director Harris welcomed everyone to the meeting and provided highlights to his Director's Report.

Updates were provided on the following:

Update WWTP P2 Project Update: The design is near completion, however the cost estimate has increased to \$110M.

**DRAFT**  
**(for MUPWC review on 4/3)**

**MINUTES**

*Water Meter Replacement Project:* Phase II of the five (5) year project began January 30<sup>th</sup>. Ferguson Waterworks subcontracted the installation of the meters to Concord Utility Services.

*PMP Update:* The FY 22/23 PMP is currently in design.

*Annual Citywide Sidewalk/ADA Ramp Replacement Project Update:* The FY 22/23 project is finalized. An award of contract was issued to Tryco General Engineering.

*University Street/Brockton Avenue Traffic Signal:* Currently in construction. Materials have been ordered. Due to supply chain issues, installation is anticipated to begin in late February 2023.

Discussion ensued regarding the compatibility issues of the Neptune meters with the AIM, clarification on what is included in the grant application for the Sunset Reservoir Replacement Project, a description of the Senior Outdoor Dining Project and if the Utility Relief Program is still occurring. Discussions continued with a few requests from the commission. Commissioner Travis requested to discuss projects in multiyear plans before commencing. The commission requested pictures of the projects to be added to the annual report presentation to City Council.

Commissioner Garcia asked how the meter routes were selected. Mr. Harris explained how water meter routes correlates with timelines of the billing cycles and how customers are affected for the meter replacements. Commissioner Garcia asked for clarification on several projects listed in the CIP projects list including the fixed generators on 5<sup>th</sup>, Texas and Country Club, the 1750 Blend Manifold Replacement, Tate Influent Line and the ATP East Valley Corridor Bike Route Interconnect on Alabama. Commissioner Travis asked for additional safety measure to be considered in the ATP East Valley Corridor Bike Route.

Mr. Harris suggested a CIP open house to allow residents to view and comment on projects. The open house would be a summary of projects in the past year as well as a preview of future projects.

**E. NEW BUSINESS**

**a. MUPWC – Student Commissioner**

Mr. Harris gave an overview of the Student Commissioner process for City commissions. Student Commissioners are appointed by the City Council to serve one (1) year terms beginning January 1 of their Junior year and ending December 31 of their Senior year of High School, have full voting powers, and their meeting attendance is counted when determining a quorum. Selecting University students to apply for a Student Commissioner position, would require formal justification for the recommendation to the City Council. Adding a Student Commissioner requires an amendment to the municipal code.

Discussion ensued whether a student commissioner should be added, the selection of a college student versus a high school student, allowing voting rights to the student, the ability for a student to understand the technical topics discussed, the benefits of a student joining the commission, the amounts of members in the commission, and the timing of when a Student Commissioner would join. A general consensus was reached for Staff to research further and vet the discussed ideas with the City Attorney and City Manager.

**DRAFT**  
**(for MUPWC review on 4/3)**  
**MINUTES**

**b. City Groves – Irrigation Sources**

Mr. Harris present maps of citrus groves in relationship with the service areas of municipal water companies. He stated that many groves are within the boundaries of the service area of different municipal water companies but only some groves use supplied water by the municipal water companies. Mr. Harris stated that the City applied for Title 22 approval to convert the Palmetto Groves to recycled water. The Prospect Park Grove is the next most likely candidate for a transition to a non-potable water irrigation source.

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

Items requested for the next regular Commission meeting agenda were as follows:

San Bernardino Basin Groundwater Council – Update on the City’s costs associate with the San Bernardino Basin Groundwater Council.

Student Commissioner – Requirements and the process for adding a student commissioner to MUPWC.

Councilmember Mario Saucedo introduced himself as the new council liaison for the MUPWC. Mr. Saucedo gave an overview of his background, express his gratitude for the commissioner’s service and his willingness to work with the commission.

Chairman Ojo suggested the agenda should make it clear that it is covering public works, utilities, and engineering programs within the commission’s purview. Mr. Ojo asked the commission to be informed of actions prior to Staff recommending to City Council such as purchases in water shares. Mr. Harris gave an overview of the water shares that were purchased. Mr. Garcia asked if the commission’s ordinance require bimonthly meeting and expressed his recommendation for special meetings to be scheduled if pressing issues need to be addressed.

**G. ADJOURNMENT – Next regular meeting is April 3, 2023 at 4:00 PM**

There being no further business the meeting adjourned at 5:12 PM. The next regular meeting of the City of Redlands Municipal Utilities/Public Works Commission is scheduled for April 3, 2023.



City of  
**REDLANDS**  
Incorporated 1888  
Municipal Utilities & Engineering Department

JOHN R. HARRIS  
Director

MEMORANDUM

TO: Adekunle Ojo, Municipal Utilities/Public Works Commission Chair

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

DATE: March 27, 2023

SUBJECT: April 3, 2023 Director's Report

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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**

- SB County Paving Project Cooperative Agreement Amendment (March 21)
- Helen Court Property Acquisition (March 21)
- 2022 PMP Street Rehabilitation Construction Contract (April 18)
- Alabama Septage Ponds Site Assessment Amendment (June 20)

**Student Commissioner**

There are a couple options for adding a Student Commissioner to the MUPWC: 1) Restricted to High School students, and 2) Open to University students. Both options would require an amendment to Chapter 2.38 of the RMC. The Human Relations Commission, Traffic and Parking Commission, and the Parks and Recreation Advisory Commission include Student Commissions. The Redlands Municipal Code (RMC) includes similar membership language for each of these commissions. Here is an example for the Human Relations Commission:

*“The human relations commission shall consist of nine (9) members who shall each, with the exception of the student member, serve for a four (4) year term and until his or her successor is appointed. Vacancies on the commission shall be filled by members of the city council on a rotational basis and the term of a commissioner appointed to fill a vacancy shall be for a four (4) year period. No person shall serve more than two (2) consecutive terms unless appointed to an additional term by a four-fifths (4/5) vote of the city council. The commission members shall serve without compensation, shall each be a resident of the city, with the exception of the student member, and shall be neither a member of any other standing commission, board, or committee of the city nor an employee thereof. **One commission member appointed by the city council shall be from the junior class of a Redlands high school. The student member's term shall be for one year, beginning January 1 when the student is a junior and ending December 31 when the student is a senior. The student member shall be considered one of the nine (9) members of the commission with full voting powers.** Five (5) members of the commission shall constitute a quorum. (Ord. 2895 §1, 2019)”*

These Student Commissioners are appointed by the City Council to serve one (1) year terms beginning January 1 of their Junior year and ending December 31 of their Senior year of High School, have full voting powers, and their meeting attendance is counted when determining a quorum. The intent of this concept is to expose High School students to local government participation and to enhance their resume and college application. The City Manager’s Office works with local High School Guidance Counselors to advertise these and fill these positions.

If the MUPWC wishes to allow University students to apply for a Student Commissioner position, the Commission would need to formally justify the reasons for this recommendation to the City Council and the following questions should be considered:

1. Would the position be open to all college students or restricted to local colleges within a defined area?
2. For how long would the Student Commissioner serve?
3. What qualifications are important to the MUPWC?
4. Does the MUPWC have suggestions for advertising this position?

In either case, adding a Student Commissioner would increase the total MUPWC membership to eight (8) with the potential for tie vote(s). City staff is not supportive of increasing the MUPWC membership. This could be resolved by delaying the Student Commissioner appointment until a future vacancy exists. This is the option recommended by City staff. Alternatively, the RMC could be amended to increase the MUPWC membership to nine (9), including a Student Commissioner. City staff is not supportive of increasing the MUPWC membership. As you know, the MUPWC duties are very technical in nature. I encourage you to discuss and carefully consider the merits of adding a Student Commissioner prior to developing a City Council recommendation. It would also be appropriate to solicit input from the City Council’s liaison to the MUPWC.

## Groundwater Council Update

The first five (5) year term of the Groundwater Council (GC) is ending, and a “*Renewal Committee*” has been formed to update the *Framework Agreement*. The *Renewal Committee* anticipates recommending adoption of the *Framework Agreement* to the GC in late-April. The most substantive revision potentially affecting Redlands is how the City is credited for unused surface water entitlements. Last year, Redlands received full credit for all surface water entitlements, including those that were not diverted. At question is how much of this water would have naturally percolated into the groundwater basin as it flowed through the Santa Ana River and Mill Creek. Geoscience is currently modeling both scenarios (diverted entitlements vs. non-diverted entitlements) to estimate this value. The outcome will determine how much recharge Redlands is credited for annually.

SBVMWD is also developing a Basin Optimization Plan to inform decision-makers discussing target basin storage levels and management actions at various operating ranges. Although this process is ongoing, a recent outcome is that the amount of SWP water typically purchased by SBVMWD each year for recharge will increase from 29,000 AF to 30,000 AF. However, the amount of SWP water purchased for recharge by SBVMWD and other regional agencies may increase if the SBVMWD allocation increases. 2023 began with a five percent (5%) SWP allocation, which was recently increased to thirty-five percent (35%). It is anticipated that the allocation will be increased again in April, possibly to fifty percent (50%).

## Alabama Street Trail Lighting & Safety Improvements Update

At the request of the MUPWC, staff is communicating with CalTrans to potentially add street lighting and other safety features to this grant-funded project scope of work. A Project Location Map is included as Attachment “B”.

## Update WWTP P2 Project Update

Parsons Engineering continues to develop and refine the WWTP Improvement Project Phase 2 design, and has made significant progress toward completion of the following design elements:

Task 1 – Conduct Facility Condition Assessment	P1 = 100%/P2 = 99%
Task 2 – Develop Multipurpose Project Report/Implementation Plan	100% Complete
Task 3 – Provide Engineering Design Services	P1 = 100%/P2 = 95%
Task 4 – PM, Communication, QC	P1 = 100%/P2 = 95%

MUED submitted a \$45M State Revolving Fund (SRF) loan application for construction of these improvements prior to the December 31, 2021 and recently learned that the application was not selected for full or partial funding. The application will be reconsidered during the next SRF cycle.





Parsons recently provided a Class 1 Construction Cost Estimate with the 90% design plans for all project elements totaling approximately \$110M, which includes indirect costs, direct costs, and allowances. MUED is evaluating opportunities to fund and construct the project in phases.

### **Sunset Reservoir Replacement – Real Estate Acquisition**

On March 21, 2023, City Council approved a Purchase and Sale Agreement to acquire approximately twenty-two (22) acres adjacent to the Sunset Reservoir site for \$1.4M. This acquisition will end the \$1,500/month land lease for a portion of the property that was intended to be used to construct a temporary 750,000 gallon reservoir prior to replacing the Sunset Reservoir. It will also allow the existing Sunset Reservoir to remain in service while a new reservoir is constructed on the newly acquired property, eliminating the need for a temporary reservoir. MUED received bids from Contractors to supply and construct this temporary reservoir and the lowest bid was approximately \$2.5M. Soon after, DDW required a more extensive environmental analysis than anticipated and bidders were unwilling to hold their bid pricing for a lengthy period of time. City Council recently rejected all bids. Acquiring this property results in a net savings of more than \$1.1M.

MUED also recently submitted a \$24M grant application to fund the Sunset Reservoir Replacement Project. If awarded, the funding may be used for engineering, permitting, and construction of a 10 MG concrete reservoir. Although some members of the MUPWC would prefer to expand storage elsewhere within the water distribution system, other sites would not have been competitive for this grant funding opportunity. Additionally, Brady and Associates recently completed a Condition, Structural, and Seismic Assessment of Redlands' water reservoirs and pump stations that identified the Sunset Reservoir as the highest asset replacement priority and MUED budgeted the full estimated construction cost in FY 23/24. If the City's grant application is fully funded, the larger replacement reservoir may be constructed and the City's budgeted funds may be used to meet the grant match requirement. If the grant application is not fully funded, the City's budgeted funds may be used to replace the Sunset Reservoir with a similarly sized reservoir.

### **Water Meter Replacement Project**

We have begun a five (5) 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) hardware for use in the future. Ferguson recently completed Phase I of the project, which replaced all non-potable and large diameter meters.

Phase II (FY 22/23) of the project began on January 30 and will focus on residential and small diameter commercial water meter replacements and AMI hardware retrofits. Prior to ordering water meters, MUED staff physically audits each location to confirm the type and size of each water meter. Phase II will be completed under-budget in June 2023. An updated Project Location Map is included as Attachment "C". MUED is considering accelerating the remaining three (3) project phases to procure materials at current rates and reduce the impacts of supply chain delays.



## **PMP Update**

MUED recently issued a bid notice for construction of the FY 22/23 project. Three (3) bids were received and Matich Corporation submitted the lowest bid of approximately \$4.9M, which is approximately \$1M lower than the second lowest bid. A preliminary project location map is provided as Attachment “D”.

## **Annual Citywide Sidewalk/ADA Ramp Replacement Project Update**

Tryco General Engineering was recently awarded a project Construction Contract totaling \$945,630. A project location map is provided as Attachment “E”.

## **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 “F”. Highlights of current projects are provided below:

1. Multi-Year Well Rehabilitation & Booster Pump Replacements – Four (4) potable water wells and three (3) non-potable water wells are being rehabilitated in FY 22/23. This work is prioritized to occur during our typical low water demand season. Six (6) of these seven (7) wells are currently temporarily removed from service for rehabilitation and the remaining well is scheduled for rehabilitation in the near future. Following is a short list of specific groundwater wells scheduled for rehabilitation with this project:
  - a. Task 2.1 - Madeira Well (potable)
  - b. Task 2.2 - Mentone #2 Well (potable)
  - c. Task 2.3 - Well #38 (potable)
  - d. Task 2.4 - Well #39 (potable)
  - e. Task 2.5 - New York Street Well (non-potable)
  - f. Task 2.6 - Well #11 (non-potable)
  - g. Task 2.7 - Well #36 (non-potable)
2. Recycled Water Reservoir Engineering – This project is underway and Carollo Engineers recently submitted a 30% Plans, Specifications, and Construction Cost Estimate for construction of a single 2.5 MG concrete reservoir and several distribution system improvements.
3. Tate WTP Raw Water Influent Pipeline Engineering – This project is underway and Carollo Engineers recently submitted the 30% design plans for review. MUED staff reviewed these plans and submitted comments back to Carollo.

4. Hinckley WTP Sludge Press Engineering – This project is underway and Dudek recently submitted the 30% design plans for review. MUED staff reviewed these plans and submitted comments back to Carollo.
5. Well Perchlorate Treatment Evaluation – This project is underway and Dudek is developing 30% design plans.
6. University Street/Brockton Avenue Traffic Signal - Currently in construction. Materials have been ordered. Due to supply chain issues, installation is anticipated to begin in late April 2023.
7. FY 22/23 Waterline Replacement Project – A Construction Contract was recently awarded to Tryco General Engineering and construction is anticipated to begin in early-May. A Project Location Map is provided as Attachment “G”.
8. Phase II & III Water Distribution SCADA Upgrade - Materials have been ordered. Installations began recently and will continue through December 2023.
9. 2022 Orange Blossom Trail Phase 3 Project – Dearth, Inc. is currently constructing this project and is nearly complete.
10. Alley Paving Project – Tryco General Engineering recently completed the FY 21/22 project. The FY 22/23 project is currently out for bid. A project location map is provided as Attachment “H”.
11. Sewerline Replacement Project – MUED staff is currently developing this project and will issue a construction bid notice soon. A preliminary project location map is provided as Attachment “I”.
12. The 2022 HSIP Cycle 8 Ped Heads, 2022 HSIP Cycle 8 EVP, and 2022 Senior Outdoor Dining projects and all currently under construction.

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

John R. Harris

[jharris@cityofredlands.org](mailto:jharris@cityofredlands.org)

(909) 725-1963

Attachments:

- A – Acronym List
- B – Alabama Street Trail Project Location Map
- C – FY 22/23 Water Meter Replacement Project Location Map
- D – FY 22/23 Preliminary PMP Location Map
- E – FY 22/23 Sidewalk & ADA Ramp Replacement Project Location Map
- F – CIP Status List
- G – FY 22/23 Waterline Replacement Project Location Map
- H – FY 22/23 Alley Paving Project Location Map
- I – FY 22/23 Preliminary Sewerline Replacement Project Location Map
- J – AB-2449 City Council Memo
- K – AB-2449 Just Cause & Emergency Circumstances Checklist

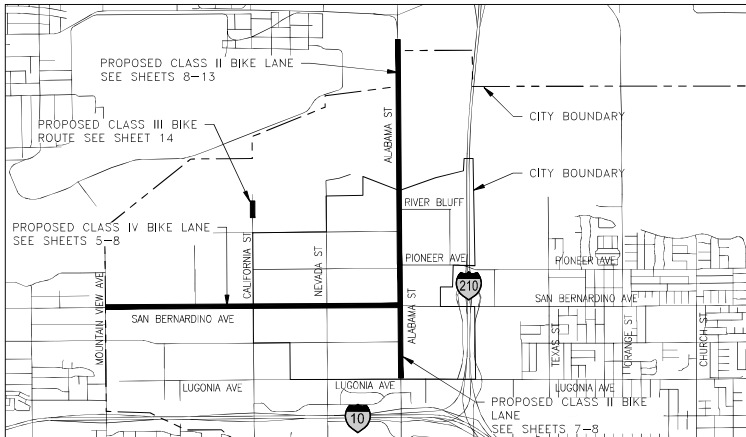


# ACRONYMS

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
ASCE	American Society of Civil Engineers
ASL	Above Sea Level
AWWA	American Water Works Association
BOD	Biological Oxygen Demand
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
CWC	Crafton Water Company
DDW	Division of Drinking Water
DIF	Development Impact Fees
DU	Dwelling Unit
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
FCS	Facilities and Community Services Department
FPS	Feet Per Second
FSS	Fire Suppression Storage
FY	Fiscal Year
GIS	Geographical Information System
GPCD	Gallons per capita day
GPD	Gallons per day
GPM	Gallons per minute

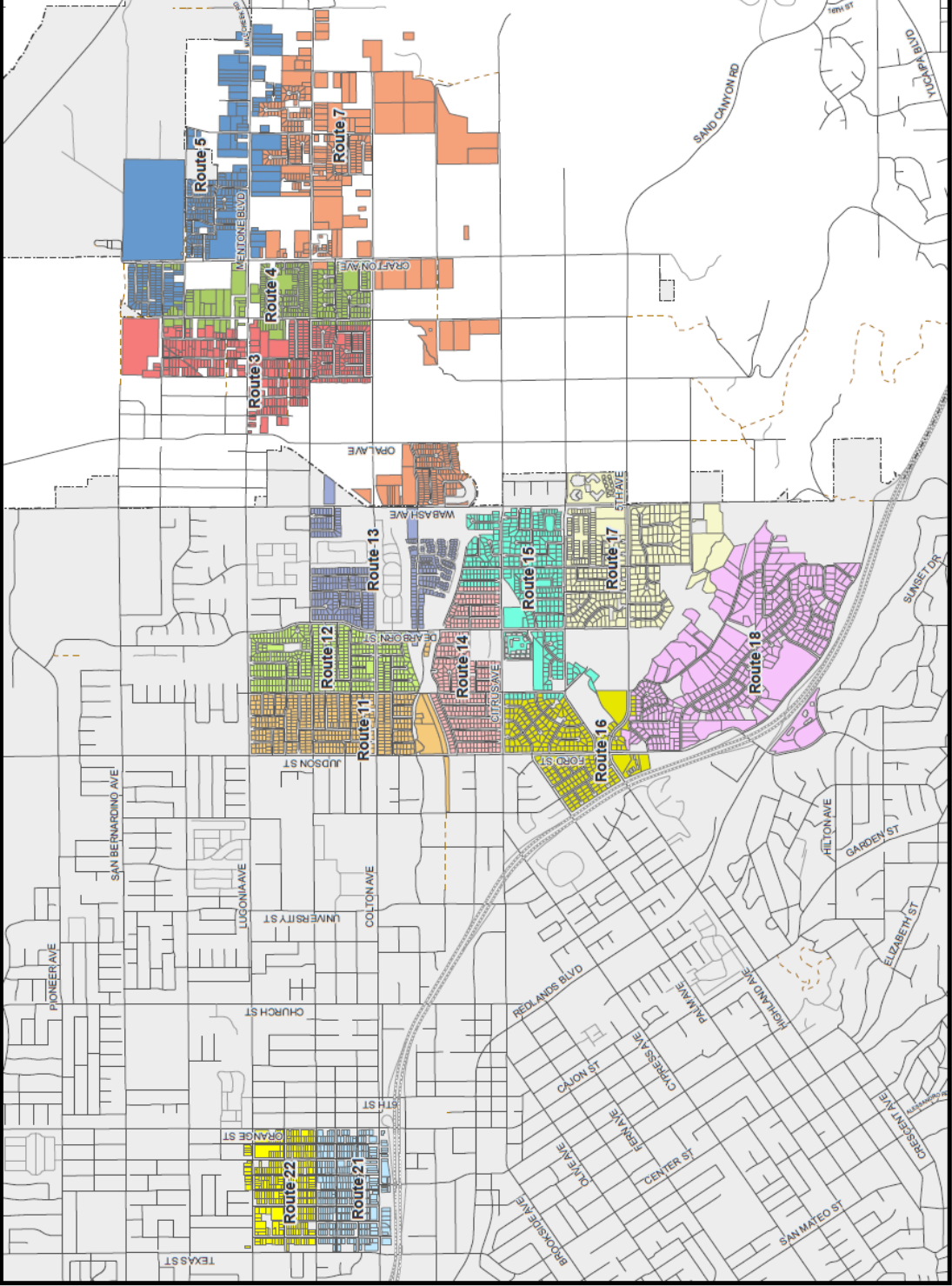
Hinckley WTP	Horace P. Hinckley Water Treatment Plant
HP	Horsepower
HSIP	Highway Improvement Safety Program
I-10	Interstate 10
I-210	Interstate 210
MCL	Maximum Contaminant Level
MDD	Maximum Day Demand
MG	Million Gallons
MGD	Million Gallons per Day
mg/L	Milligrams per Liter
MUED	Municipal Utilities and Engineering Department
NPW	Non-Potable Water
NTU	Nephelometric Turbidity Unit
O&M	Operations and Maintenance
OS	Operational Storage
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
SCADA	Supervisory Control and Data Acquisition
SCE	Southern California Edison
SOC	Synthetic Organic Compounds
SOP	Standard Operating Procedure
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



**FY22/23  
Meter Routes  
Potable Water Meter  
Change-Out CIP**

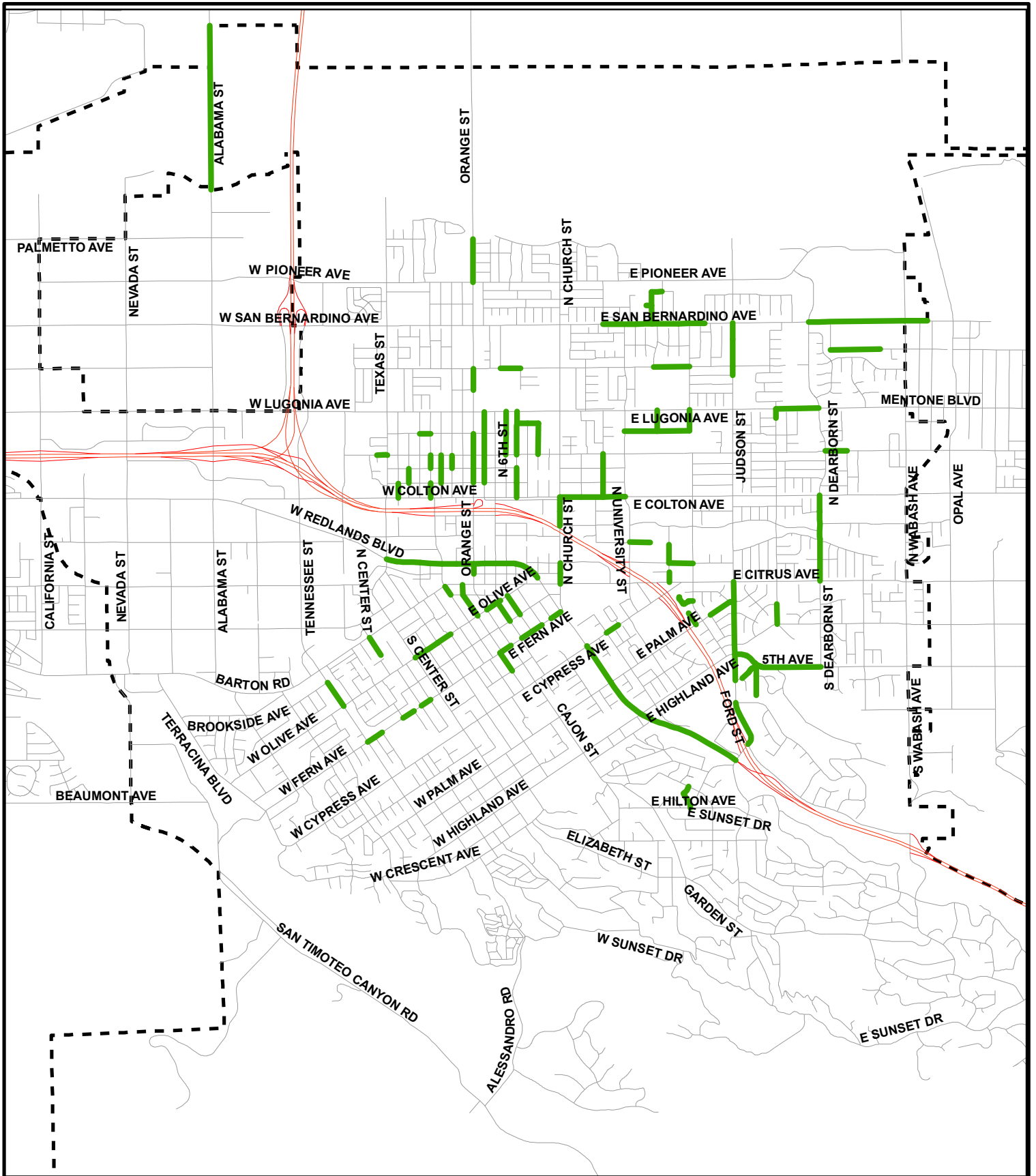
- Route 3 - 417 Meters
- Route 4 - 341 Meters
- Route 5 - 322 Meters
- Route 7 - 447 Meters
- Route 11 - 405 Meters
- Route 12 - 404 Meters
- Route 13 - 330 Meters
- Route 14 - 343 Meters
- Route 15 - 320 Meters
- Route 16 - 235 Meters
- Route 17 - 343 Meters
- Route 18 - 321 Meters
- Route 21 - 298 Meters
- Route 22 - 277 Meters
- City of Redlands



This map was produced by the City of Redlands, Geographic Information System. The City of Redlands assumes no warranty or liability for the accuracy of the information shown on this map. It is possible that the map is out of date or may not be the most current.

May 5, 2022  
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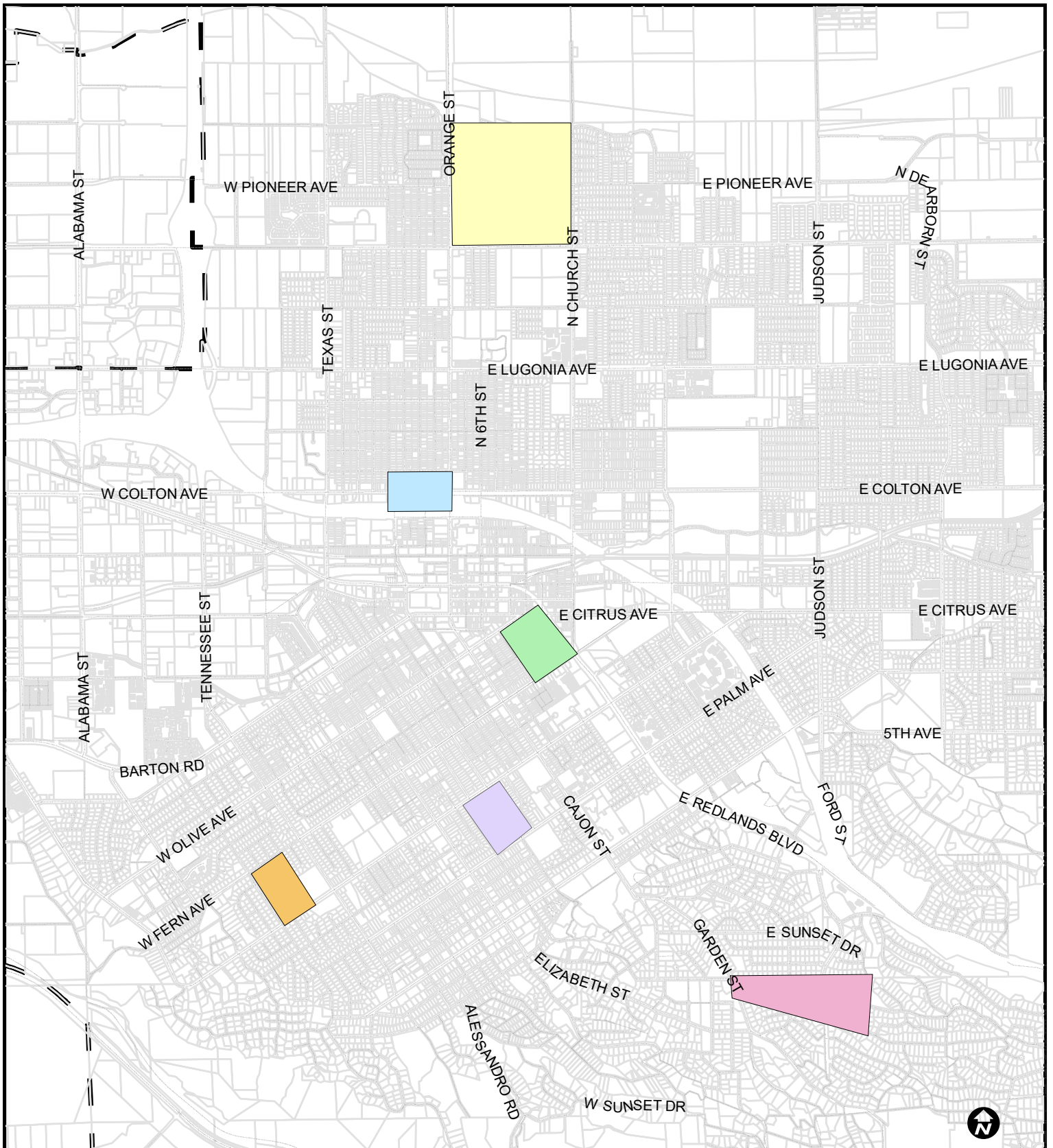




— PMP 2022 STREET RESURFACING PROJECT

## PMP 2022 STREET RESURFACING PROJECT LOCATION MAP





## 2022 Citywide Sidewalk and ADA Ramp Replacement Project Location Map

**Legend:**

- Area A
- Area B
- Area C
- Area D
- Area E
- Area F

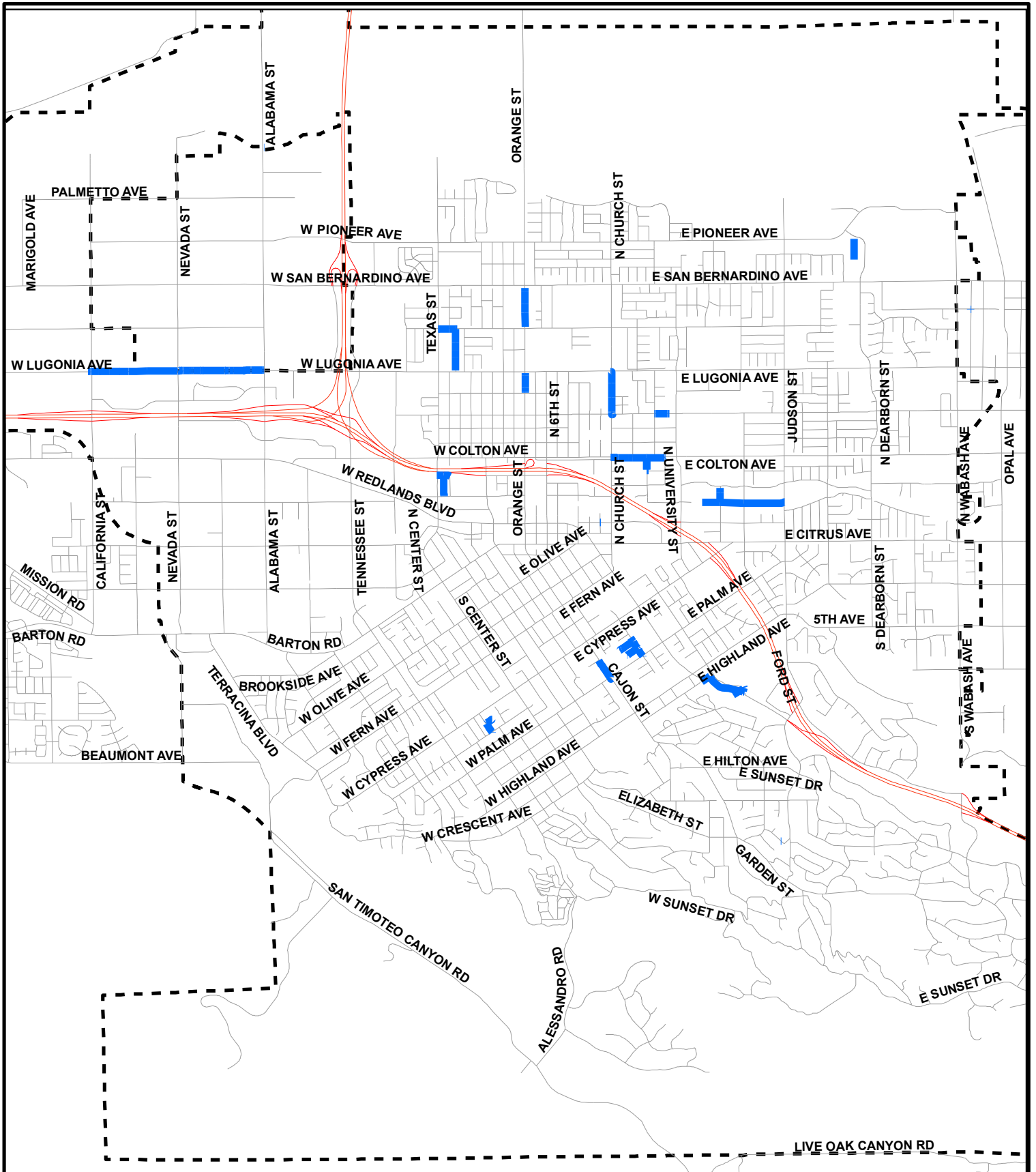


**MUNICIPAL UTILITIES AND ENGINEERING DEPARTMENT**  
**CIP PROJECTS LIST**

PLANNING		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	FY 2022-23	FY 2023-24
P1	WATER	501910	501063	2023 CIP Water Pipeline Replacement	PLANNING	0%				\$4,400,000.00
P2	GENERAL	101400	400025	2023 Citywide Sidewalk & ADA Ramp Replacement	PLANNING	0%				\$1,000,000.00
P3	WATER	501910	501019	HAWC Booster Pump Rehabilitation	PLANNING	0%				\$500,000.00
P4	PMP	211910	211008	PMP 2023 Street Resurfacing Project	PLANNING	0%				\$4,000,000.00
P5	WATER	501910	501059	Seismic Assessment Improvements - Texas Grove Reservoir	PLANNING	0%				\$2,900,000.00
P6	WATER	501910	501055	Sunset Reservoir Replacement	PLANNING	0%				\$6,000,000.00
P7	WATER	501910	501058	Tate Clarifier Coating & Covers	PLANNING	0%				\$2,560,000.00
P8	WATER	501910	501040	Tate Transmission Line Replacement	PLANNING	0%				\$1,900,000.00
P9	GENERAL/PMP	101/211	211009	2023 Alley Paving Improvements	PLANNING	0%				\$1,300,000.00
P10	ARTERIAL	252400		California Street Widening at Lugonia Ave	PLANNING	0%				\$800,000.00
P11	WASTEWATER	521910	521030	2023 CIP Sewer Pipeline Replacement	PLANNING	0%				\$3,000,000.00
P12	WATER	501910	501057	WTP Mechanical & Electrical Equipment Replacement	PLANNING	0%				\$180,000.00
P13	WATER	501910	501028	Fixed Generators - Agate, 5th, Texas & Country Club	PLANNING	50%		Paul	\$100,000.00	\$300,000.00
P14	WATER	501910	501007	Agate #2 Well Rehabilitation	PLANNING	20%		Paul	\$175,000.00	
P15	WATER	501910	501042	Tank Mixers	PLANNING	15%		Paul	\$150,000.00	\$150,000.00
<b>Planning Projects - Cost Summary</b>									<b>\$425,000.00</b>	<b>\$28,990,000.00</b>
DESIGN		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget	
D1	HSIP C10	200400	S400021	Wabash & Highland Ave Enhanced Crosswalk	DESIGN	15%		Veronica	\$250,000.00	
D2	TRAFFIC SIGNAL	243400		Traffic Signal Improvements at Cypress and Cajon	DESIGN	65%	KOA Consultants	Elva	\$600,000.00	
D3	NON-POTABLE	531910		WWTP Recycled Water Reservoirs Design	DESIGN	50%	Carollo Engineers, Inc.	John	\$734,839.00	
D4	WATER	501910		Hinckley WTP Sludge Press	DESIGN	35%	Dudek	Paul/John	\$700,000.00	
D5	WASTEWATER	521910	521029	2022 CIP Sewer Pipeline Replacement	DESIGN	90%		Johana	\$3,000,000.00	
D6	ARTERIAL	252400		California Street Widening at Redlands Blvd	DESIGN	60%	CASC Engineering and Consulting	Gerard	\$231,930.00	
D7	WATER	501910	501050	Sunset Temporary Reservoir Replacement	DESIGN	100%		Veronica	\$2,500,000.00	
D8	WATER	501910	501009	Tate WTP Influent Line Replacement	DESIGN	40%	Carollo Engineers, Inc.	Paul/John	\$835,549.00	
D9	TDA	241400	S241005	2021 Transit Stop Improvement	DESIGN	90%		Veronica/Johana	\$46,340.00	
D10	ATP C2	240400	C400005	Highland/Redlands Regional Connector - South	DESIGN	95%	KOA Consultants	Veronica	\$752,600.00	
D11	ARTERIAL	252400	252001	Citrus Avenue Widening Project	DESIGN	90%		Elva	\$900,000.00	
D12	HSIP C9	200400	F400003	Pedestrian In-Roadway Lights - Alabama/Tennessee	DESIGN	90%		Veronica	\$250,000.00	
D13	ATP C3	200400	C400007	East Valley Corridor Bike Rte Interconnect - Alabama	DESIGN	95%	KOA Consultants	Veronica	\$2,112,000.00	
<b>Design Projects - Cost Summary</b>									<b>\$12,913,258.00</b>	<b>\$0.00</b>
BID & AWARD		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget	
B1	GENERAL/PMP	101/211	211007	2022 Alley Paving Improvements	BID & AWARD	5%		Elva	\$2,100,000.00	
B2	TPC	101400	400024	Crosswalk Installation Project	BID & AWARD	75%		Johana	\$100,000.00	
B3	PMP	211910	211006	PMP 2022 Street Resurfacing Project	BID & AWARD	90%		Gerard	\$4,000,000.00	
<b>Bid &amp; Award Project - Cost Summary</b>									<b>\$6,200,000.00</b>	<b>\$0.00</b>
CONSTRUCTION		Org Key	PL	Project Name	Project Phase	Progress	Contractor	PM/Inspector	Contract Amount	
C1	WATER	501910	501062	2022 CIP Water Pipeline Replacement	CONST	5%	Tryco General Engineering	Gerard	\$4,744,111.00	
C2	PMP	211910	211004	SBCounty/Mentone/Redlands Paving Project	CONST	40%	SB County	Goutam	\$141,000.00	
C3	GENERAL	101400	400022	2022 Citywide Sidewalk & ADA Ramp Replacement	CONST	15%	Tryco General Engineering	Elva	\$1,000,000.00	
C4	PMP/GF	101/211	211005	2021 Alley Paving Improvements	CONST	99%	Tryco General Engineering	Elva	\$1,238,000.00	

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

C5	HSIP C8	200400	F400003	HSIP Cycle 8 - Pedestrian Heads Project	CONST	25%	Econolite Systems, Inc.	Veronica	\$541,682.53	
C6	HSIP C8	200400	F400001	HSIP Cycle 8 - Signal Preemption Project	CONST	99%	AGA Engineers, Inc./Baker Electric	Veronica	\$937,418.00	
C7	TDA	240400	S241001	Orange Blossom Trail - Phase 3	CONST	80%	Deark E&C, Inc.	Gerard	\$782,396.00	
C8	TRAFFIC SIGNAL	253400	253007	Traffic Signal Improvements (Brockton/University)	CONST	5%	Elecnor Belco Electric, Inc.	Elva/Daniel	\$507,745.00	
C9	WATER	501910	501006	Water System SCADA Design & Integration - Phase 2 & 3	CONST	30%	TESCO Controls, Inc.	Paul/Daniel	\$5,579,420.00	
C10	WATER	501910	501037	Citywide Water Meter Replacements	CONST	45%	Ferguson Enterprises, LLC	Paul	\$1,815,000.00	
C11	WATER	501910	501005	Wells and Booster Pump Maintenance	CONST	50%	General Pump Company, Inc.	Paul	\$641,212.00	
<i>Construction Projects - Cost Summary</i>									<i>\$17,927,984.53</i>	<i>\$0.00</i>
<b>Project Total Dollars</b>									<b>\$37,466,242.53</b>	<b>\$28,990,000.00</b>

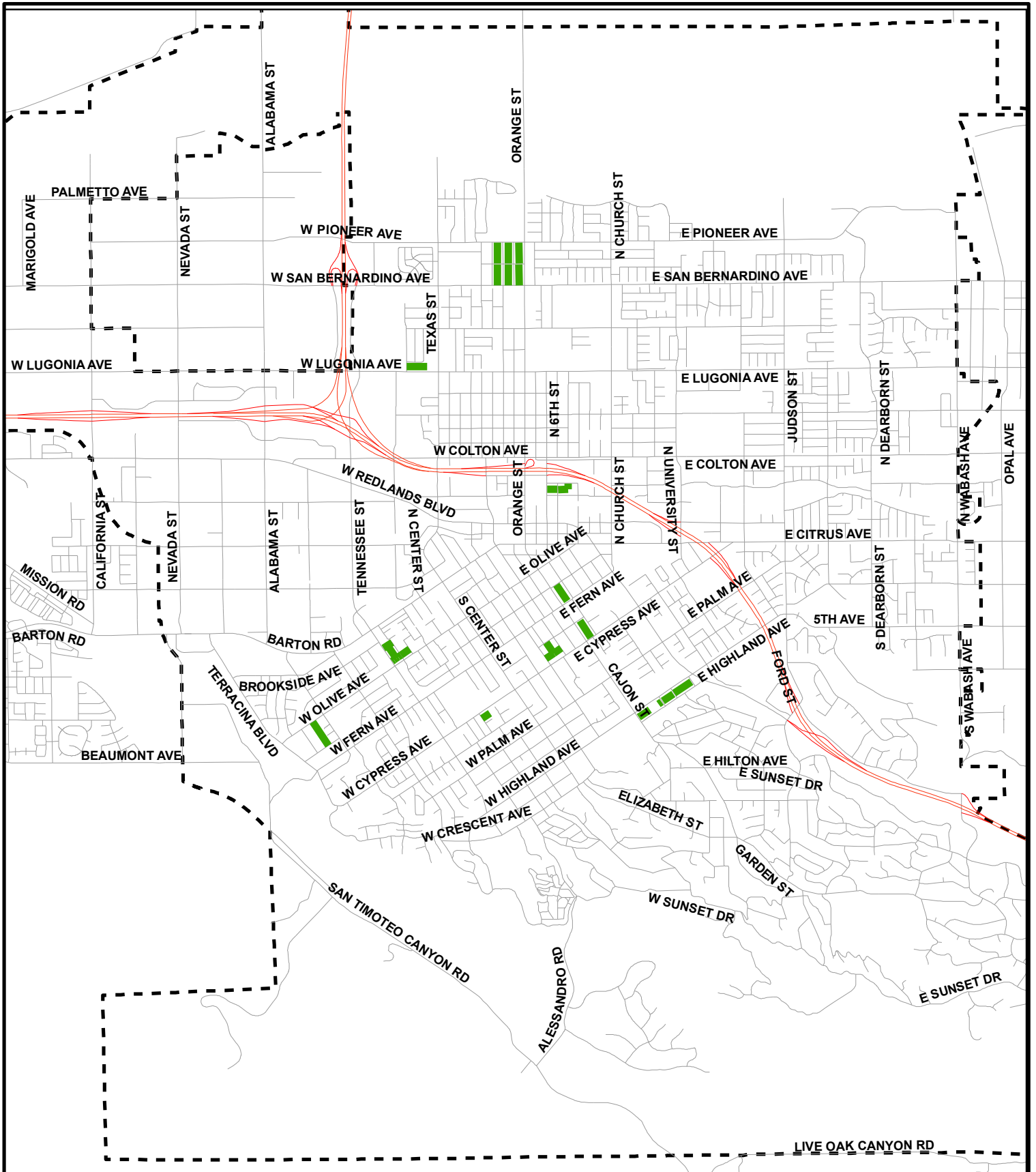


 PROPOSED WATER PIPELINE REPLACEMENT

## 2022 CIP WATER PIPELINE REPLACEMENT PROJECT LOCATION MAP



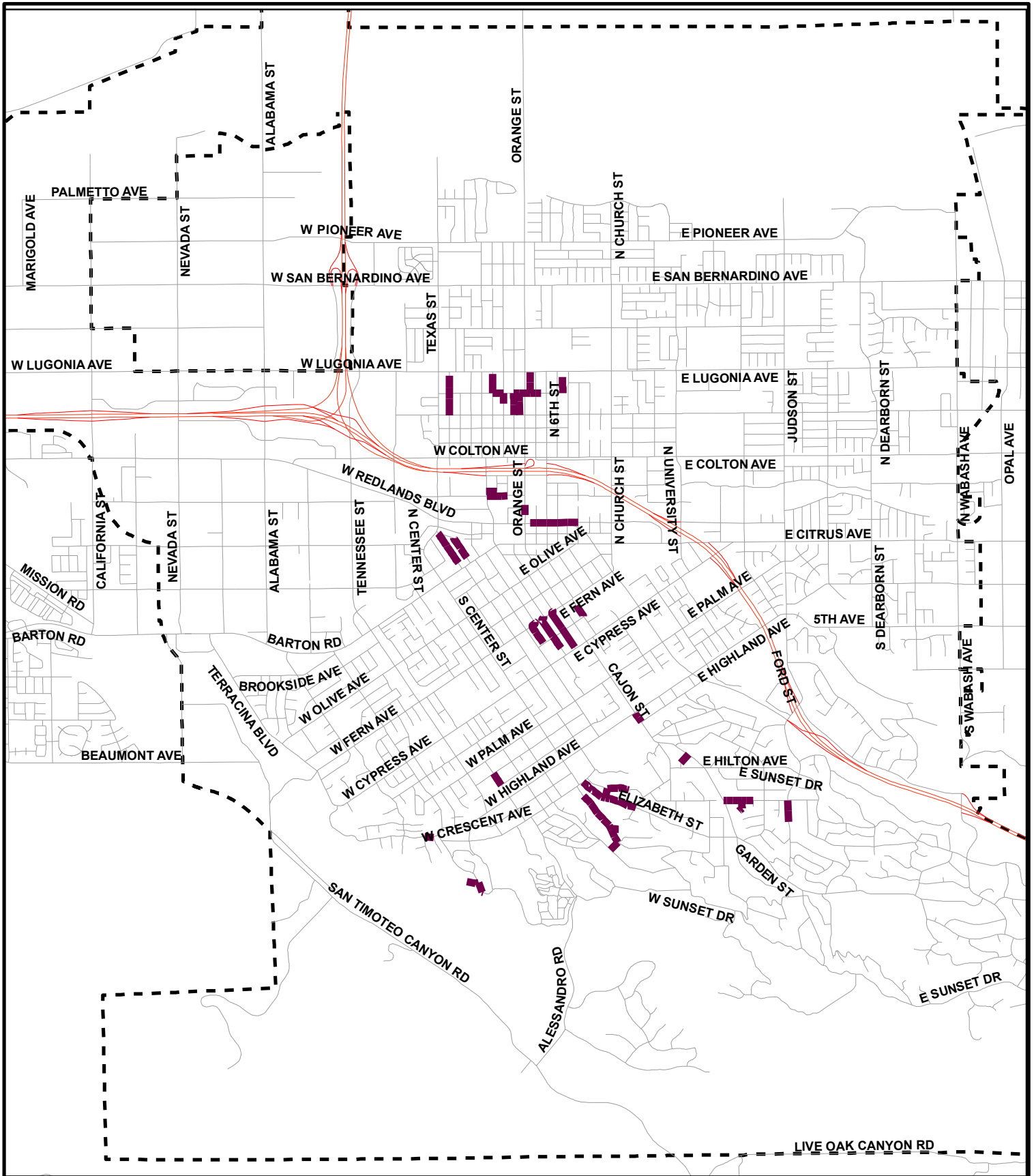
 **Redlands** "A CITY THAT WORKS"



 PROPOSED ALLEY PAVING

## 2022 ALLEY PAVING PROJECT LOCATION MAP





— PROPOSED SEWER PIPELINE REPLACEMENT

## 2022 CIP SEWER PIPELINE REPLACEMENT PROJECT LOCATION MAP





City of  
**REDLANDS**

CHARLES M. DUGGAN JR.  
City Manager

35 Cajon Street, Redlands, CA 92373  
909.798.7510  
cduggan@cityofredlands.org

TO: Mayor and City Council

FROM: Charles M. Duggan Jr., City Manager

DATE: January 25, 2023

SUBJECT: California Assembly Bill 2449 Impacts to City Council Meetings

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### **AB 2449 Summary**

In September 2022, California Governor Gavin Newsom signed California Assembly Bill 2449 (AB 2449). When implemented in January 2023, AB 2449 authorizes a local agency to use teleconferencing without complying with the teleconferencing requirements of the Brown Act that requires:

1. Each teleconference location be identified in the notice and agenda; and
2. Each teleconference location be accessible to the public.

Under the new legislation, local agencies do not have to comply with the aforementioned Brown Act provisions provided at least a quorum of the members of the legislative body participate in person from a singular physical location clearly identified on the agenda that is open to the public and situated within the local agency's jurisdiction.

Under this exception and until AB 2449 expires on January 1, 2026, members of the legislative body are authorized to participate remotely under two specified circumstances, "just cause" or "emergency circumstances."

### **Just Cause and Emergency Circumstances Definitions & Procedures**

**Just Cause** is defined as the following:

- Childcare or caregiving of a child, parent, grandparent, grandchild, sibling, spouse, or domestic partner that requires a Council Member to participate remotely.
- A contagious illness that prevents a member from attending in person.
- A need related to a physical or mental disability
- Travel while on official business of the City Council or another state or local agency.



In order for the Council Member to participate under the Just Cause exception, the Council Member must notify the Council at the earliest opportunity of the need to participate remotely and a general explanation as to which of the aforementioned categories is requiring their remote participation.

It is important to note that the Just Cause exception may only be used by a Council Member **twice** in a calendar year.

***Emergency Circumstances*** is defined as a physical or family medical emergency that prevents a Council Member from attending in person.

In order for a Council Member to participate remotely under the Emergency Circumstances exception, the Council Member must notify the Council at the earliest opportunity and provide a brief description of the need to teleconference under Emergency Circumstances. The Council must take a formal action approving the request. If the request does not allow for the item to be placed on the agenda, the Council may take action on the matter at the beginning of the meeting by majority vote.

It is important to note that whether it be the Just Cause or Emergency Circumstances exception, any Council Member may not attend remotely for **more than 3 consecutive months** or **20 percent** of the regular meetings.

### **City Council Meeting AB 2449 Requirements**

For the City Council to operate within the parameters of AB 2449 and the teleconferencing requirements contained within, the Council will need to provide the following means of additional accessibility to Council meetings:

- A two-way audiovisual platform or two-way telephonic service and live webcast of the meeting to address the Council.
- Council must give notice of means by which members of the public may access and provide comment.
- Council agenda must identify a call-in option, an internet-based service option, and accessibility at the in-person location of the meeting.
- Council must not take action if the call-in option or internet-based service is lost.
- Council cannot require that public comment be submitted in advance of the meeting.

Since Council meetings began being offered via Zoom, the City is currently in compliance with each of these requirements. However, a few additional requirements will be placed on Council Members as part of AB 2449. Those requirements include the following:

- Council Members participating remotely **MUST** participate via audio and video technology.
- Council Members participating remotely must publicly disclose at the meeting and before any action has been taken, if an individual 18 years or older is present in the telecommunication location and what the relationship is to that person.

## **City Council Options**

In October 2022, Governor Gavin Newsom announced that the COVID-19 State of Emergency will end on February 28, 2023. As a result, and at that time, the City Council will no longer be able to teleconference under AB 361 guidelines. As a refresher, AB 361 allowed the City to conduct fully remote or hybrid teleconference City Council meetings without meeting the teleconference access and notice requirements of the Brown Act, provided the Governor has declared a state of emergency and the Council has either imposed or recommended measures to promote social distancing OR have found meeting in person would present imminent risks to health or safety of attendees.

On March 1, 2023, the City Council will have the following options available to it related to teleconferencing.

- AB 2449 Just Cause or Emergency Circumstances
- Traditional Brown Act teleconferencing

The AB 2449 Just Cause or Emergency Circumstances requirements were outlined earlier in this memo.

Traditional Brown Act teleconferencing would require the following:

- At least a quorum of the City Council must participate from teleconferencing locations within the City of Redlands.
- Each teleconference location must be identified in the notice and agenda of the meeting.
- Agendas must be posted at each teleconference location.
- Each location must be accessible to the public.
- The agenda must provide the opportunity for the public to address the City Council directly at each teleconference location.
- All votes must be by roll call.

## **Attachment**

- AB 2449 Just Cause and Emergency Circumstances Checklist



# AB 2449

## JUST CAUSE & EMERGENCY CIRCUMSTANCES CHECKLIST

JUST CAUSE	EMERGENCY CIRCUMSTANCES
<ul style="list-style-type: none"> <li><input type="checkbox"/> Contact the City Attorney to inform of their need for remote attendance under Just Cause.</li> <li><input type="checkbox"/> Ensure that the Council Member needing remote attendance has not done so <b>twice</b> already in a given calendar year for Just Cause.</li> <li><input type="checkbox"/> Identify which of the following categories of Just Cause the Council Member is requesting remote attendance for:               <ul style="list-style-type: none"> <li>• Childcare or caregiving of a child, parent, grandparent, grandchild, sibling, spouse, or domestic partner that requires them to participate remotely.</li> <li>• A contagious illness that prevents a member from attending in person.</li> <li>• A need related to a physical or mental disability</li> <li>• Travel while on official business of the City Council or another state or local agency.</li> </ul> </li> <li><input type="checkbox"/> Request a brief explanation from the Council Member which category they are using and why.</li> <li><input type="checkbox"/> Remind Council Member that remote participation <b>MUST</b> be done via audio and video technology.</li> <li><input type="checkbox"/> Council Member <b>MUST</b> disclose at the meeting and before any action has been taken, if an individual 18 years or older is present in the telecommunication location and what the relationship is to that person.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Contact the City Attorney to inform of their need for remote attendance under Emergency Circumstances.</li> <li><input type="checkbox"/> Ensure that the Council Member needing remote attendance has not done so for <b>3 consecutive months or 20 percent</b> of that calendar year's regular Council meetings for Just Cause AND Emergency Circumstances</li> <li><input type="checkbox"/> Identify whether it is a physical or family medical emergency that is necessitating remote attendance</li> <li><input type="checkbox"/> Request a brief description from the Council Member outlining the need to teleconference.</li> <li><input type="checkbox"/> Place the item on the City Council agenda for Council action on approving or denying the request.</li> <li><input type="checkbox"/> If time does not allow for placing an item on the agenda, the Council must take action at the beginning of the meeting to approve/deny the request.</li> <li><input type="checkbox"/> Remind Council Member that remote participation <b>MUST</b> be done via audio and video technology.</li> <li><input type="checkbox"/> Council Member <b>MUST</b> disclose at the meeting and before any action has been taken, if an individual 18 years or older is present in the telecommunication location and what the relationship is to that person.</li> </ul>