



# City of Victorville Engineering Department

April 1, 2025 through June 30, 2025

# A Message from the City Engineer

Our Engineering Department worked very hard in the fourth and final quarter of Fiscal Year 2025. As we get ready to start Fiscal Year 2026, I am proud to report on the progress of your Engineering Department:

- Engineering staff completed the pavement repair at Solitude Circle and Jade Road. In February 2024, the pavement collapsed at the intersection because of a water leak. The City's Water Department completed the repairs to the water main last summer, but the final pavement restoration was completed this spring in warmer weather.
- Engineering staff completed the median improvements on Bear Valley Road between Second Avenue and Third Avenue. This public improvement, along with the extension of Third Avenue to Bear Valley Road, the new traffic signal at Bear Valley Road and Third Avenue, a road widening on Second Avenue, and a traffic signal modification at Bear Valley Road and Second Avenue was completely funded by a private developer. With the median complete, the City will now accept the public improvements and release the developer's bond.
- The Engineering Department awarded a construction contract to reconstruct the ribbon gutter that runs through Doris Davies Park. The ribbon gutter was damaged in August 2023 because of Tropical Storm Hilary. With the contract fully executed, work will soon begin on restoring the park.
- The Engineering Department awarded a construction contract to construct masonry walls to secure three of our water well sites and sewer lift station site. We will soon begin to remove the chain link fencing and construct new masonry walls at these sites.
- The Engineering Department awarded a construction contract to slurry seal 4.5 miles of multiple roads throughout the City including Luna Road, Amargosa Road, Eucalyptus Street, and Third Avenue.
- Lastly, engineering staff also completed an update to the City's Sewer System Management Plan and awarded a contract to update the City's Water Master Plan. The Engineering Department will soon be advertising projects to complete pavement rehabilitation on Roy Rogers Drive, Ridgecrest Road, Mojave Drive, and a sidewalk project at Village Drive. Later this month, staff will be activating the new traffic signal at Village Drive and Puesta Del Sol. The Engineering team is looking forward to what the new fiscal year brings us.



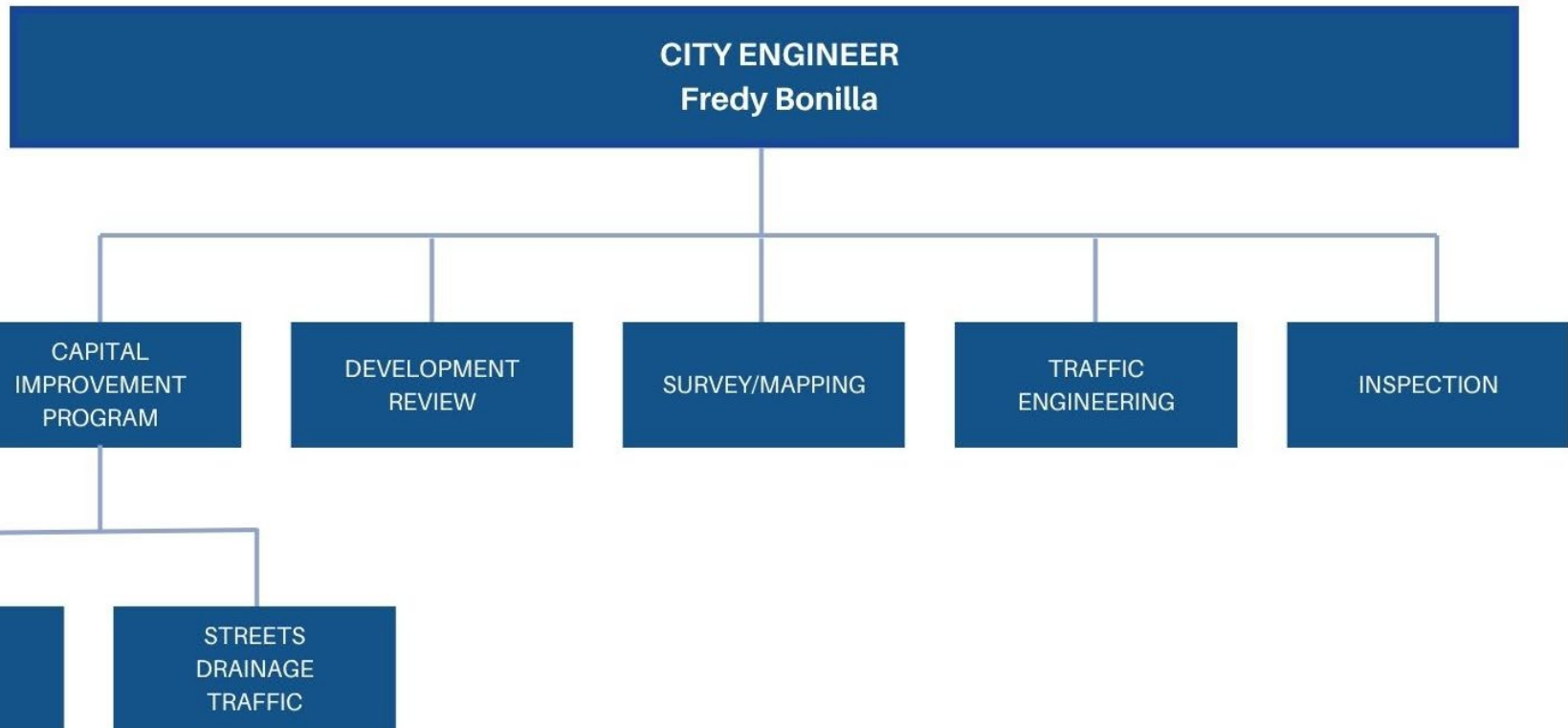
I would like to take this opportunity to publicly thank the Engineering Department's Leadership Team pictured above. Without the support of our Division Managers, we would not be able to complete all of the City's Engineering projects. Thank you, Harry, Victor, Gary, Chelsea, Jean, and Bobby. My job would be infinitely harder without your support.



Lastly, I would like to dedicate this quarterly update to our Traffic Engineering Operations and Maintenance Staff as they maintain and operate the City's 100 traffic signals and 477 centerline miles of roadway signage and striping. Due to a re-organization, they will be transitioning to our Public Works Department who operates & maintains all our public infrastructure. The Engineering Department is responsible for the design and construction of public improvements, while the Public Works and Water Departments are responsible for their ongoing maintenance. Our Traffic operations staff will now be in Public Works & Water Department, but they will always have a special place in Engineering. Thank you, Bobby, Oscar, Danny, Gabriel, Justin, Jose, Louis, Angel, Raul, Alejandro, Memo, Fernando, Michael, and Justin. This is not a goodbye, because we will see you later. Fredy A. Bonilla, City Engineer

# ENGINEERING DEPARTMENT

## ORGANIZATIONAL STRUCTURE





# Project Updates



CAPITAL IMPROVEMENT PROJECTS

**CONSTRUCTION**

**COMPLETED**

# Solitude Circle Pavement Repair Project

🚧 This project permanently repaired roadway undermined by a sinkhole caused by a water main rupture near the intersection of Solitude Circle and Jade Road in Victorville.

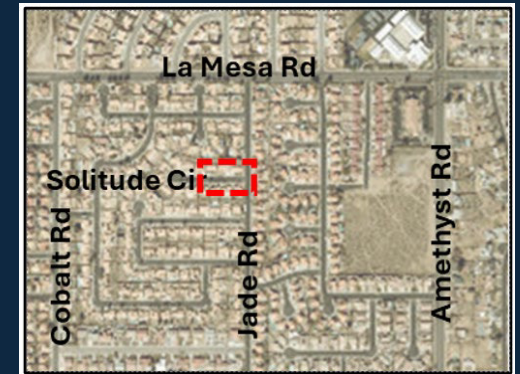
🚧 Contractor: LCR Earthwork and Eng.

🚧 Contract Award: December 10, 2024

🚧 Contract Amount: \$87,000

🚧 Start of Construction: April 2025

🚧 Completion Date: May 5, 2025



Before

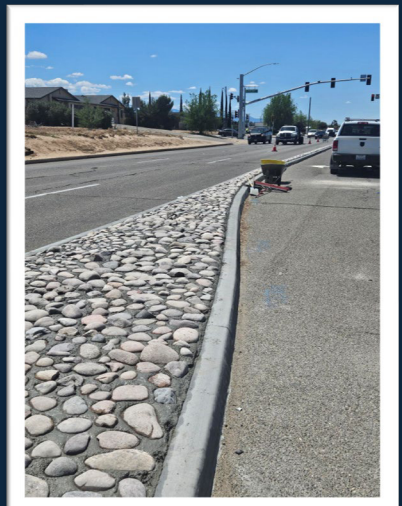
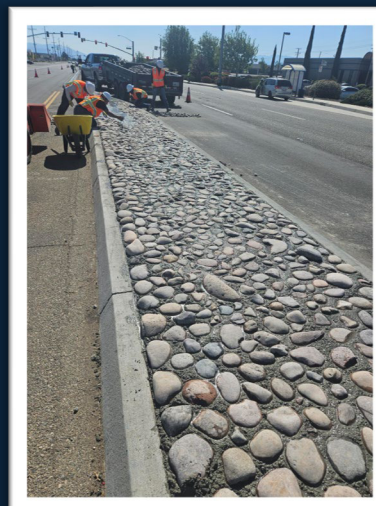
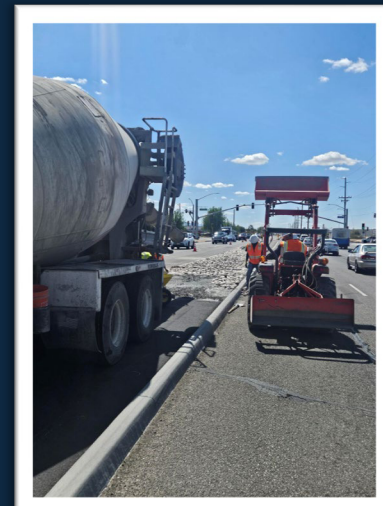
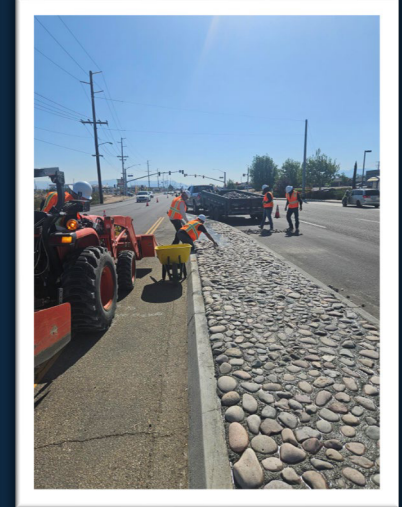


After



# Bear Valley Road Median Improvements

In coordination with a private developer, Engineering oversaw the improvements on Bear Valley Road between Second and Third Avenues. The median improvements were the last outstanding improvements required of the developer and now that they are complete, we can accept the improvements and release their bond.





CAPITAL IMPROVEMENT PROJECTS

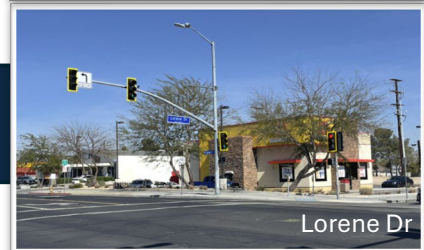
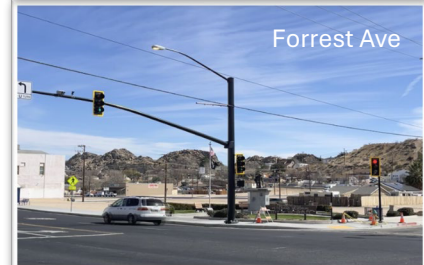
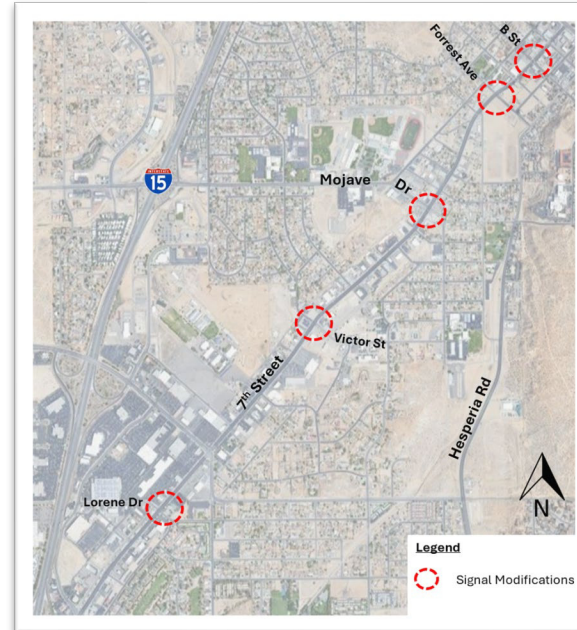
**CONSTRUCTION**

**IN PROGRESS**



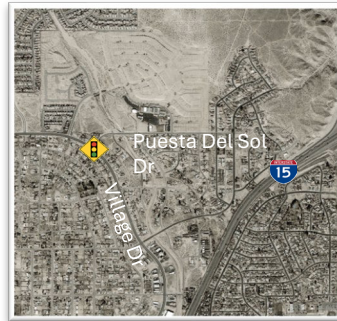
# 7<sup>th</sup> Street Traffic Signal Modifications Project

- 🚧 This project will increase safety by replacing outdated traffic signal equipment, improving detection, accessibility, and lighting.
- 🚧 Contractor: Elecnor Belco Electric, Inc.
- 🚧 Contract Amount: \$2,876,393
- 🚧 HSIP Grant Amount: \$1,320,000
- 🚧 Contract Award: March 19, 2024
- 🚧 Start of Construction: August 1, 2024
- 🚧 Estimated Construction Completion: July 28, 2025



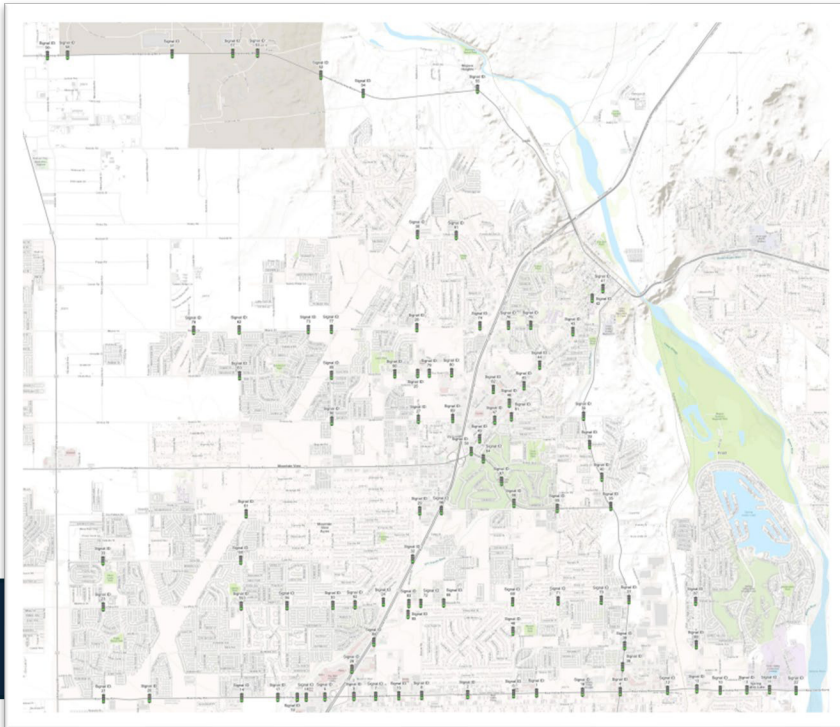
# New Traffic Signal at Village Drive and Puesta Del Sol Project

- 🚧 This project will install a traffic signal at the Village/ Puesta Del Sol intersection.
- 🚧 Contractor: Elecnor Belco Electric, Inc.
- 🚧 Contract Amount: \$1,120,480
- 🚧 HSIP Grant Amount: \$526,500
- 🚧 Contract Award: March 19, 2024
- 🚧 Start of Construction: August 1, 2024
- 🚧 Estimated Construction Completion: July 28, 2025



# Installation of Retroreflective Tape

- 🚧 This project will install retroreflective borders around 96 traffic signal backplates to improve safety.
- 🚧 Completed to Date: 96 out of 101
- 🚧 Estimated Construction Completion: Summer 2025



# GE Driveway Project

🚧 This project will construct a 270-foot long "driveway" to provide a direct access off Innovation Way at SCLA to the General Electric (GE) Hangar facility. It is designed specifically for long "Low-boy" semi-truck trailers that carry large GE turbine engines.

🚧 Bid Opening: February 26, 2025

🚧 Contractor: Sol Construction

🚧 Contract Amount: \$339,982

🚧 Contract Award: March 18, 2025

🚧 Start of Construction: Spring 2025

🚧 Estimated Construction Completion: Summer 2025



# Block Wall Project – Various Locations

The purpose of this project is to enhance both safety and security at Well Sites 137, 203, 207, and the Stoddard Wells Pump Station by replacing existing chain-link fencing with 6-foot CMU block walls topped with 4-foot anti-climb spike extenders. In addition to improving site security, the new block walls and automated gates will significantly improve the visual appearance of these critical infrastructure locations, aligning with the District's goals for aesthetic improvements in public-facing areas.

Bid Opening Date: March 13, 2025

Contractor: SDC Engineering Inc.

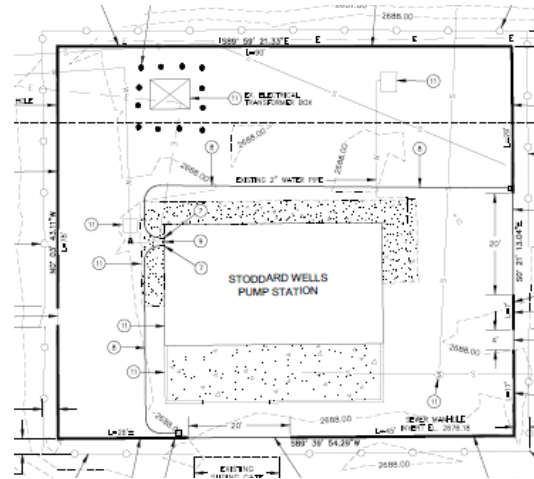
Contract Amount: \$1,454,345.00

Contract Award: May 6, 2025

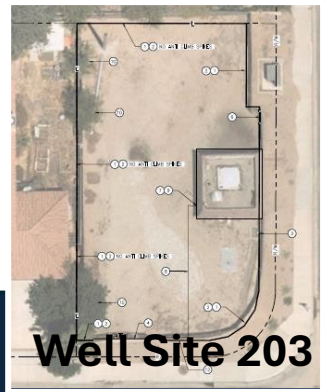
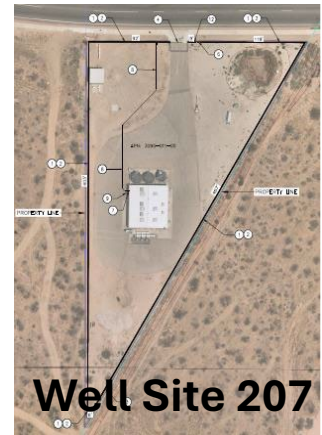
Start of Construction: July 2025

Start of Construction: July 2025

Estimated Construction Completion Date: Fall 2025

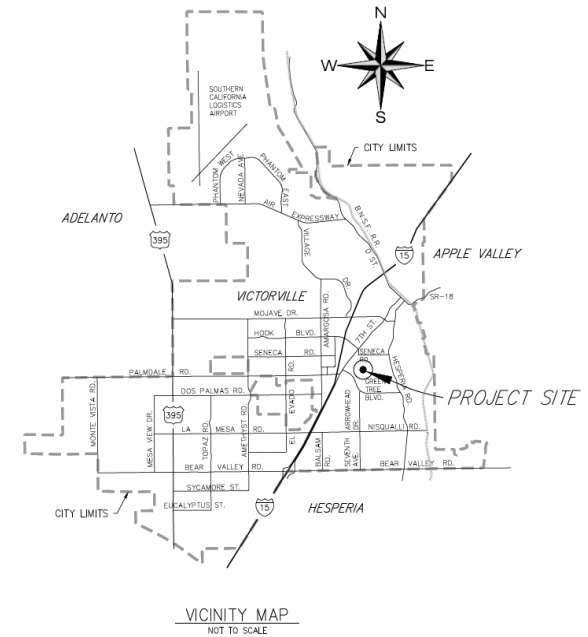


**Stoddard Wells Lift Station**



# Oro Grande Wash at Doris Davies Park Ribbon Gutter Reconstruction Project

- 🚧 This project will restore the existing drainage infrastructure to its original condition.
- 🚧 Bid Opening Date: April 8, 2025
- 🚧 Contractor: Kelley's Underground Construction
- 🚧 Contract Award: April 15, 2025
- 🚧 Contract Amount: \$206,720
- 🚧 Start of Construction: July 2025
- 🚧 Estimated Construction Completion: August 2025



# Old Town Sidewalk Connectivity Phase 2

🚧 This project will provide residents with continuous sidewalk and upgrade curb ramps and drive approaches to current ADA standards at various locations in the Old Town area.

🚧 Contractor: DM Contracting, Inc.

🚧 Contract Award: March 18, 2025

🚧 Contract Amount: \$616,774.00

🚧 Start of Construction: June 9, 2025

🚧 Estimated Construction Completion: August 2025



## Legend

— Phase I - Completed

— Phase II

# Pressure Zone Change Project – Area 7

🚧 The City of Victorville will reconfigure the existing water system in the northeastern area of Bear Valley Road and Balsam Road to address low water pressure and inadequate fire flow by rezoning the area from Pressure Zone 3170 to Pressure Zone 3290.

🚧 Bid Opening Date: December 19, 2024

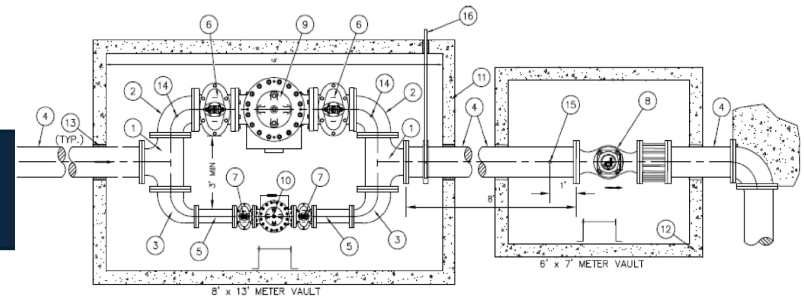
🚧 Contractor: Hemet Manufacturing Company, Inc (DBA Genesis Construction)

🚧 Contract Amount: \$2,011,621

🚧 Contract Award: February 4, 2025

🚧 Start of Construction: May 12, 2025

🚧 Estimated Completion Date: Fall 2025





**CAPITAL IMPROVEMENT PROJECTS**

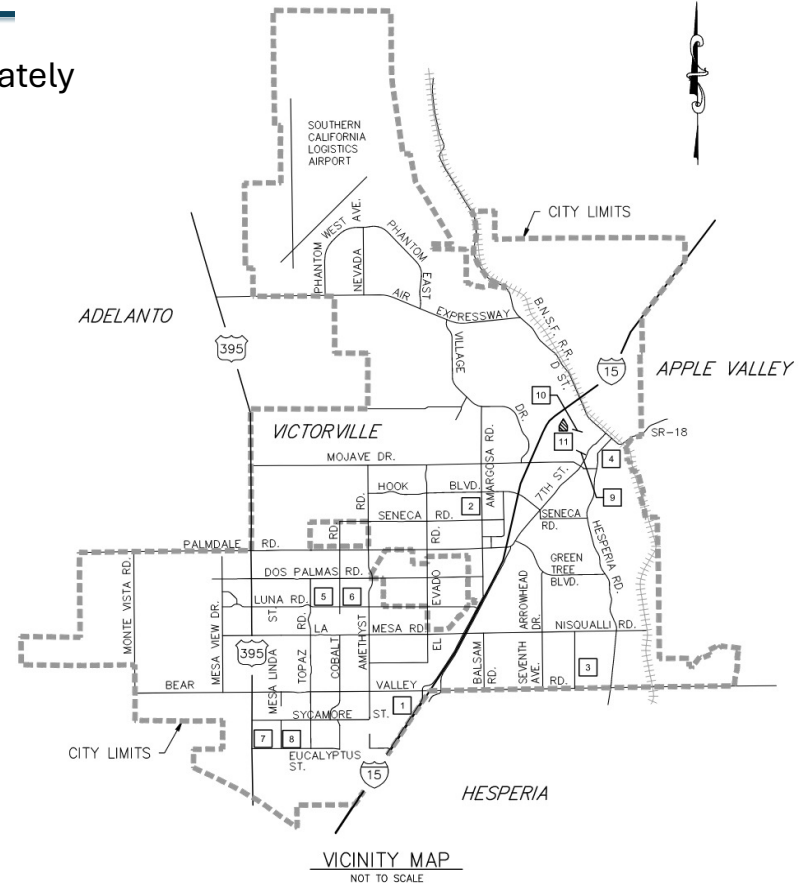
**UPCOMING  
CONSTRUCTION  
PROJECTS**

# Citywide Pavement Preservation and Maintenance Project – Phase II

- 🚧 This project includes micro-surfacing treatment for approximately 4.5 miles of City streets.
- 🚧 In-house Design Status: 100% Complete
- 🚧 Contractor: Pavement Coatings Company
- 🚧 Contract Award: June 17, 2025
- 🚧 Contract Amount: \$1,052,251.48
- 🚧 Estimated Start of Construction: July 2025
- 🚧 Estimated Construction Completion: September 2025

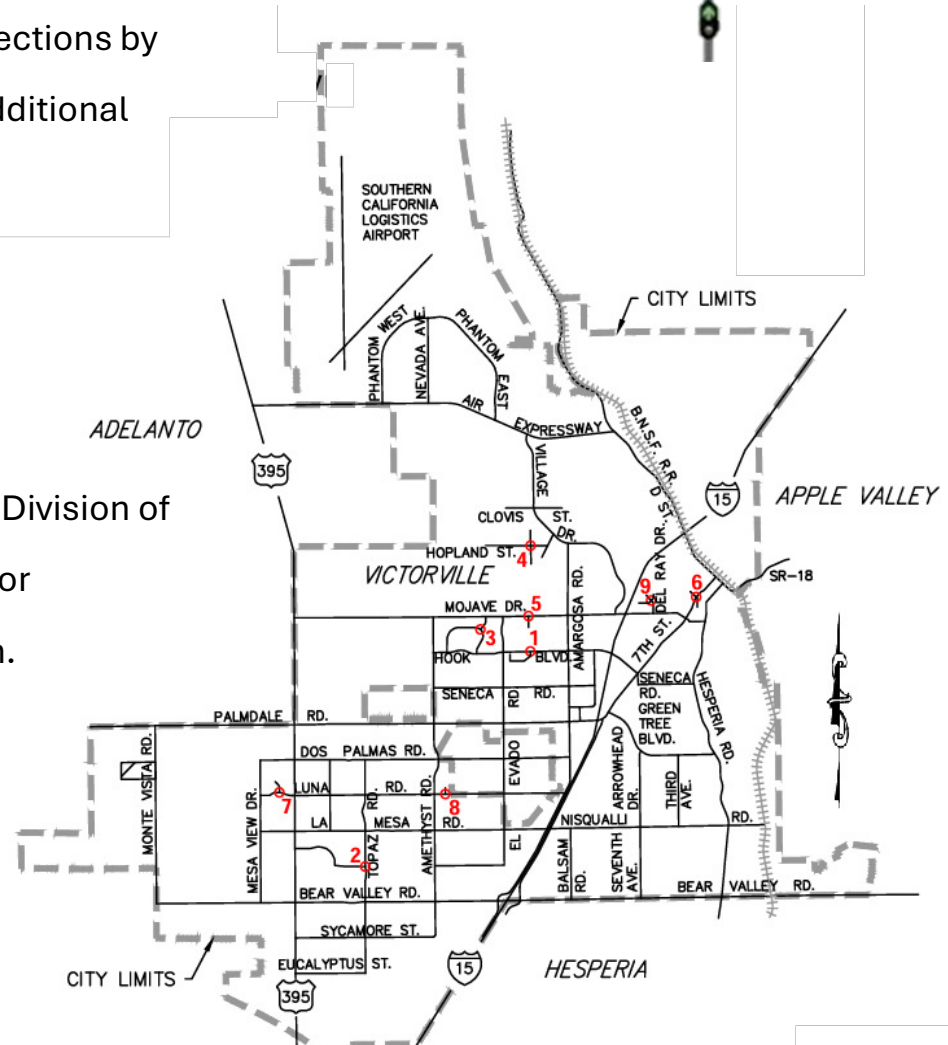
VICINITY MAP LOCATIONS:

| LOCATION | DESCRIPTION  |
|----------|--|
| 1        | AMARGOSA RD: BETWEEN CRACKER BARREL AND BEAR VALLEY RD             |
| 2        | AMARGOSA RD: BETWEEN SENECA RD AND KIMBERLY DR                     |
| 3        | THIRD AVE: BETWEEN 860 FT NORTH OF BEAR VALLEY RD AND SILICA CR    |
| 4        | HESPERIA RD: BETWEEN VERDE ST AND D ST                             |
| 5        | LUNA RD: BETWEEN CARLETON CIR AND COBALT ST                        |
| 6        | LUNA RD: BETWEEN FOX RUN RD AND AMETHYST RD                        |
| 7        | EUCALYPTUS ST: BETWEEN HIGHWAY 395 AND 320 FT WEST OF RICHMOND AVE |
| 8        | EUCALYPTUS ST: BETWEEN MESA LINDA ST AND 230 FT EAST OF CATABA RD  |
| 9        | FORREST AVE: BETWEEN LA PAZ DR AND SEVENTH ST                      |
| 10       | AVALON AVE: BETWEEN LA PAZ DR AND SECOND ST                        |
| 11       | AVALON PARK  |



# Crosswalk Enhancement Project

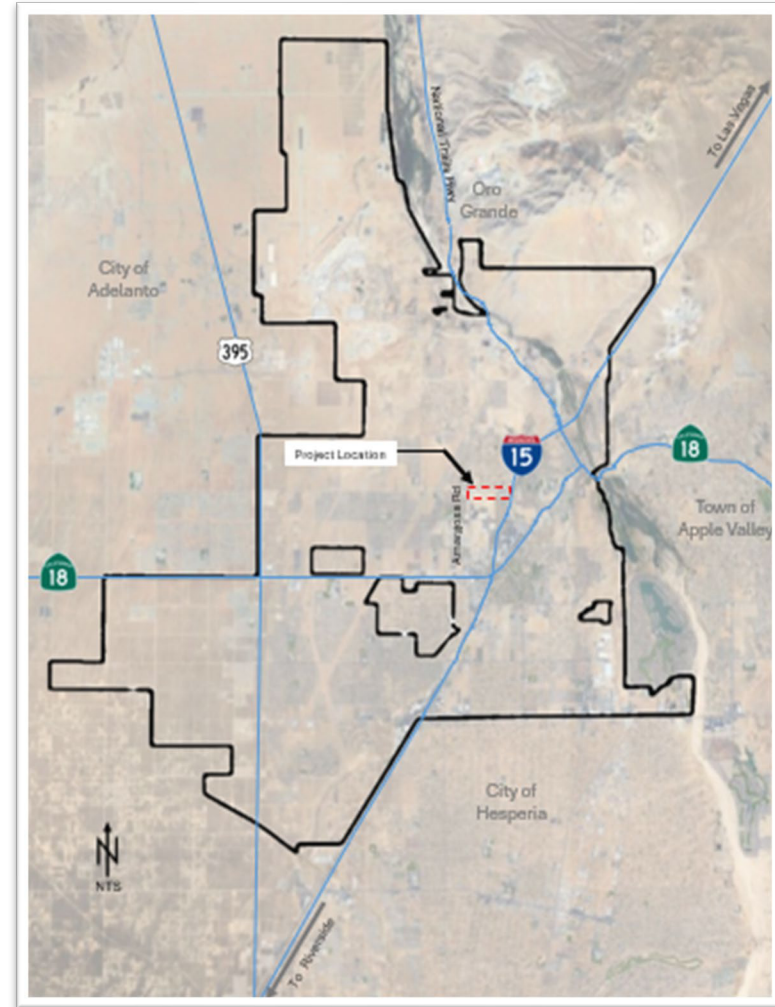
- 🚧 This project will improve the safety of nine (9) intersections by installing rectangular rapid flashing beacons with additional pavement markings and signage.
- 🚧 In-house Design Status: 100% Complete
- 🚧 Projected Advertisement Date: Summer 2025  
(Concrete Work Only)
- 🚧 Project will be completed by the Traffic Engineering Division of the Public Works & Water Department with contractor support for concrete improvements at each location.



# Mojave Drive Improvements from I-15 Freeway to Amargosa Road

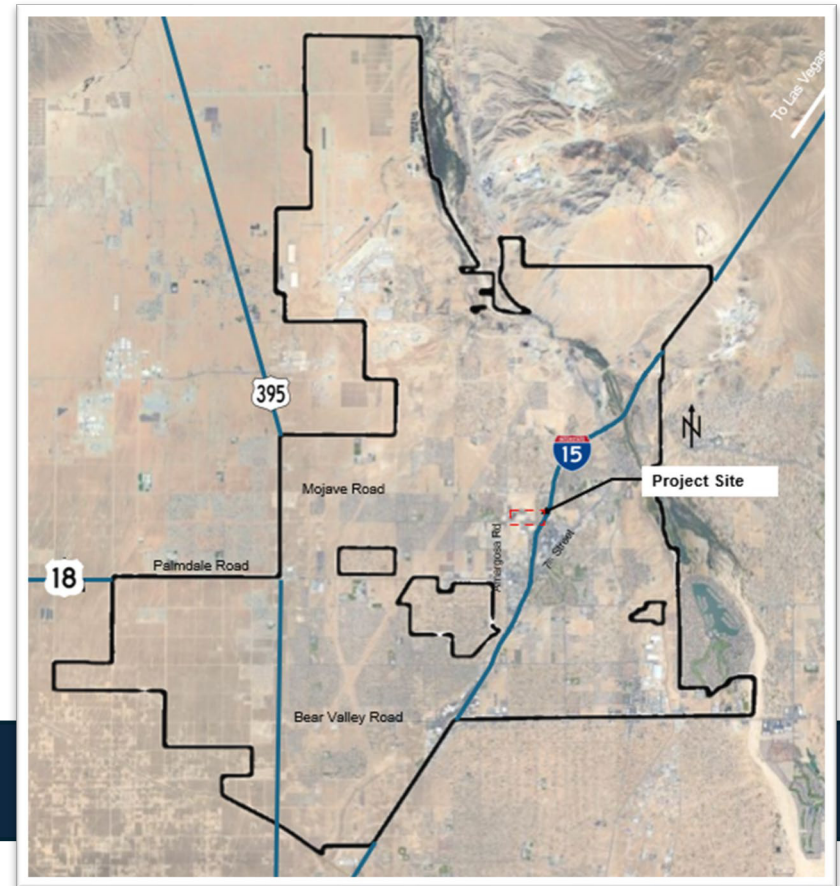
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- 🚧 This project will reconstruct Mojave Drive from I-15 to Amargosa Road and will also widen the North side of this segment from Condor to Amargosa. The North side of Mojave will have curb, gutter and sidewalk as well as ADA compliant curb ramps, driveway approaches, fire hydrants, crosswalks and signage.
- 🚧 In-house Design Status: 80% Complete – Right-of-Way needs to be acquired between Condor and Amethyst.
- 🚧 Projected Advertisement Date: August 2025



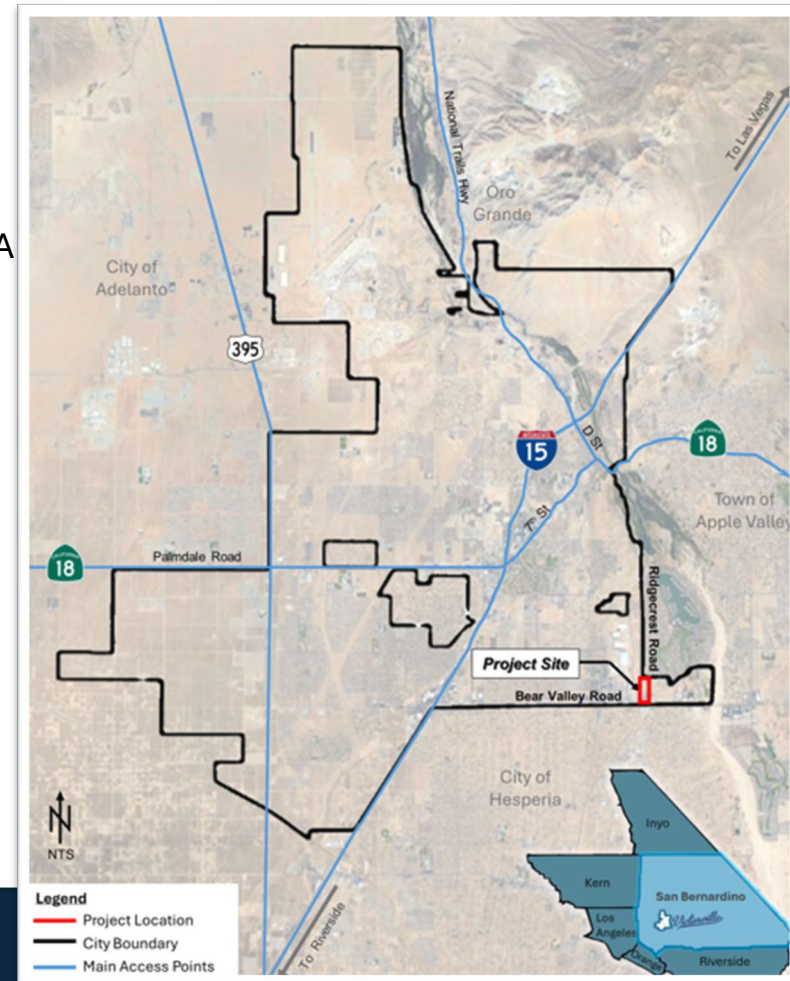
# Roy Rogers Drive Pavement Reconstruction and Rehabilitation Project - From I-15 to Amargosa Road

- 🚧 This project will reconstruct portions of Roy Rogers Drive in addition to constructing a median in place of existing delineators across the street from In-n-Out to increase safety.
- 🚧 In-house Design Status: 100% Complete
- 🚧 Advertisement Date: July 2025



# Ridgecrest Road Reconstruction and Improvement Project - BVR to Pahute Ave

- 🚧 This project will reconstruct Ridgecrest Road between Bear Valley Road and Pahute Avenue, and it will close existing infrastructure gaps on the east side of the road by providing ADA compliant curb ramps, curb & gutter, fire hydrants and crosswalks (as needed).
- 🚧 In-house Design Status: 100% Complete
- 🚧 Advertisement Date: July 2025



# Village Drive Sidewalk Project – From Puesta Del Sol Dr. to Tawney Ridge Ln.

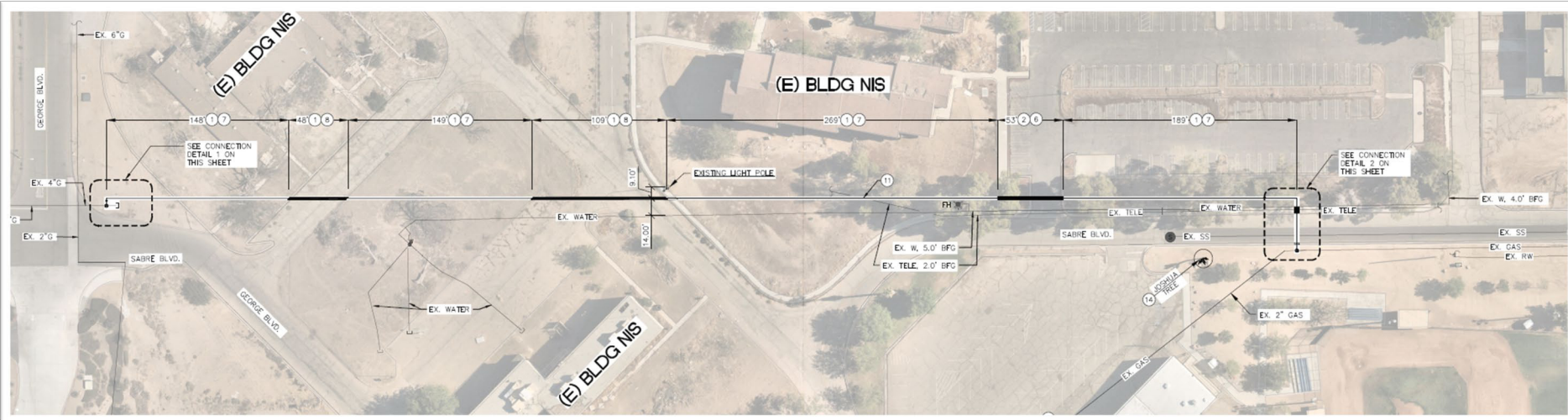
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- 🚧 This project will provide sidewalk and drive approaches along Village Drive from Puesta Del Sol Drive to Tawney Ridge Lane.
- 🚧 In-house Design Status: 100% Complete
- 🚧 Projected Advertisement Date: July 2025



# VMUS GAS IMPROVEMENT PROJECT – PHASE 5

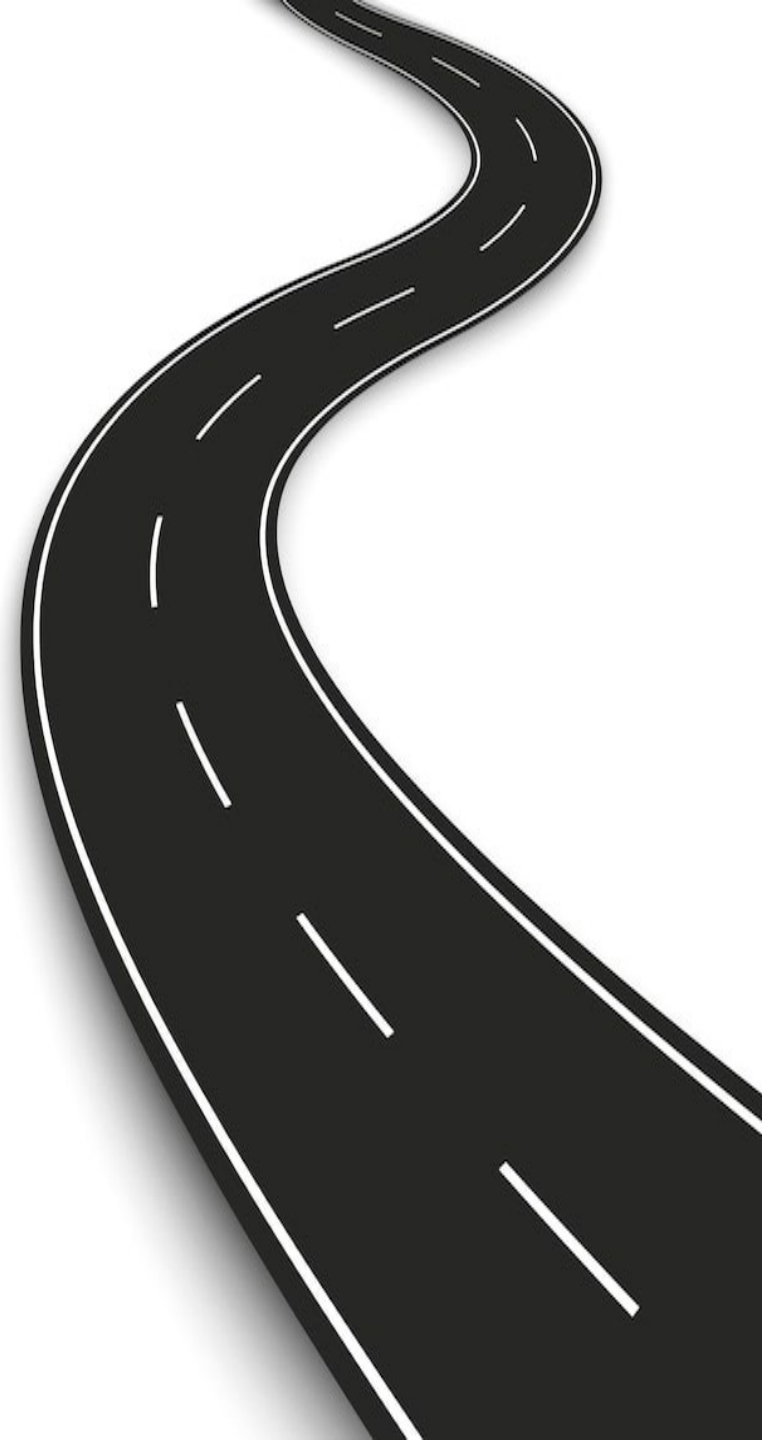
- 🚧 The City aims to complete the conversion of SCLA's gas distribution system from Southwest Gas to the Kern River Gas Transmission Corporation. Phase 5 will connect the remaining section of VMUS's distribution area to the larger part of VMUS system which is already being supplied by Kern River.
- 🚧 Upon completion, customers will benefit from higher-pressure natural gas and more reasonable costs.
- 🚧 Project Status: Bid Opening July 2025. Construction anticipated to be completed by Fall 2025.





CAPITAL IMPROVEMENT PROJECTS

# PROJECTS IN DESIGN PHASE



# Industrial Wastewater Treatment Plant (IWWTP) Expansion

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- 🚧 The City's Wastewater Treatment Facility is currently operating at 90% capacity. Anticipated growth in residential, commercial, and industrial developments has created the need to expand the facility's capacity. The City retained a consultant to evaluate best expansion alternatives and prepare expansion plans up to a 30% design level.
- 🚧 Selected Consultant: Woodard & Curran, Inc.
- 🚧 Consulting Contract Awarded: August 20, 2024
- 🚧 Start of Design Activities: October 15, 2024
- 🚧 Project Status: Conceptual design phase. Field Investigation and workshops to follow.



# NPDES PERMIT

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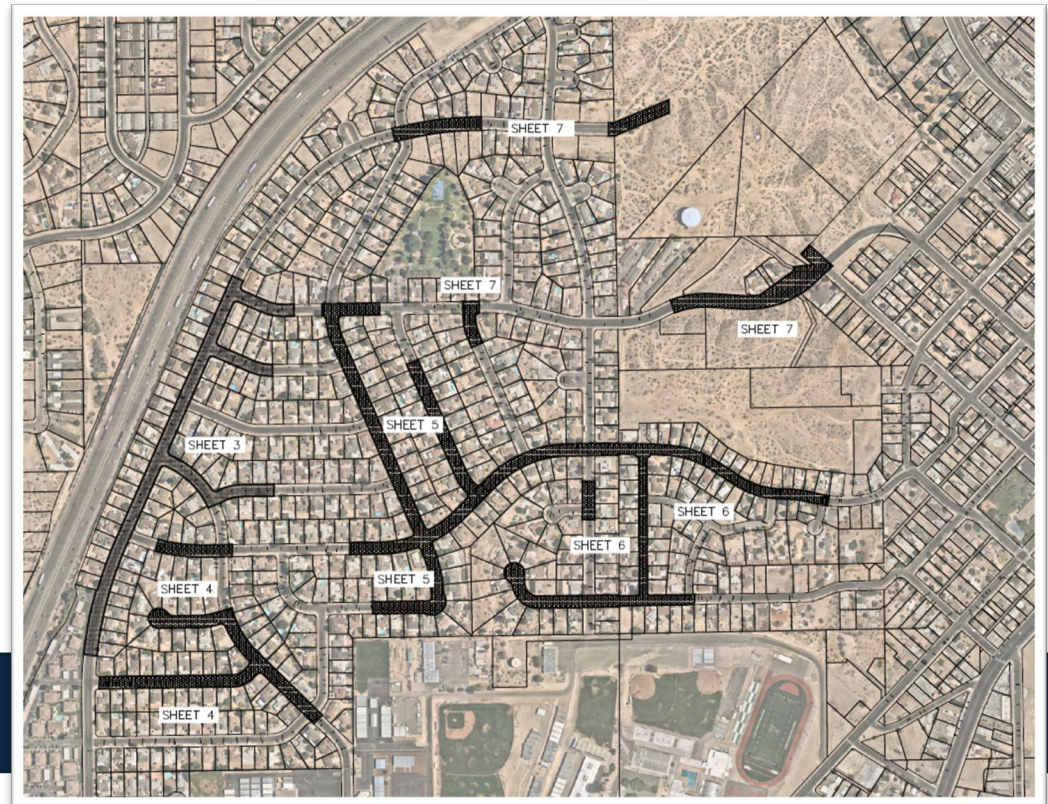
- 🚧 The City issued a Request for Proposals (RFP) for the preparation of a National Pollutant Discharge Elimination System (NPDES) Permit to explore an alternative option for excess recycled water disposal.
- 🚧 Consulting Contract Awarded: December 17, 2024
- 🚧 Selected Consultant: Larry Walker Associates
- 🚧 Status: Data gathering, regulation review, reclaimed water quality sampling and site selection.



# SEWER LINING PROJECT

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- 🚧 This project will rehabilitate approximately 15,000 linear feet of structurally deficient sanitary sewer pipelines and 320 sewer laterals within the project area.
- 🚧 Project Status: Currently in design
- 🚧 Construction anticipated to start Fall 2025

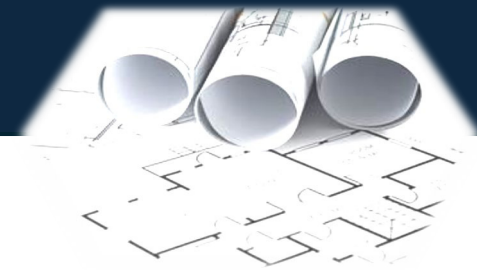
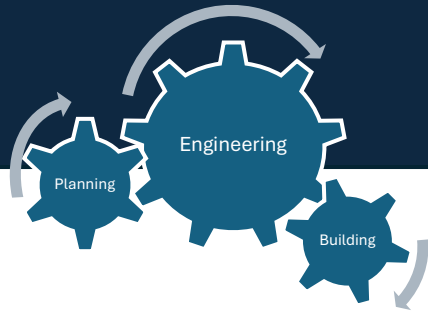


| PROJECTS IN DESIGN PHASE   | ESTIMATED CONSTRUCTION START DATE |
|--|-----------------------------------|
| Pipeline Replacement Project – Area 28                                       | FY 2025/2026                      |
| 1MG Recycled Water Storage Tank Project                                      | FY 2025/2026                      |
| 2026 Citywide Pavement Preservation and Maintenance Project                  | FY 2025/2026                      |
| Amethyst Road Sidewalk Connectivity Project                                  | FY 2025/2026                      |
| Bear Valley Road Restripe Project  | FY 2025/2026                      |
| Bear Valley Road Street Improvements Project from Monte Vista Road to US-395 | FY 2025/2026                      |
| Eagle Ranch Parkway Sidewalk Connectivity Project                            | FY 2025/2026                      |
| Green Tree Boulevard Restripe Project  | FY 2025/2026                      |
| Installation of Street Lights (Old Town, Bear Valley Road)                   | FY 2025/2026                      |
| Meadow Grove Drive Sidewalk Connectivity Project                             | FY 2025/2026                      |
| Mojave Drive Reconstruction Project from Amargosa Road to US-395             | FY 2025/2026                      |
| Mojave Drive Reconstruction Project from I-15 to 7th St                      | FY 2025/2026                      |
| Pipeline Replacement Project – Area 5  | FY 2025/2026                      |
| Third Avenue Street Improvements Project from Nisqualli Road to Field Street | FY 2025/2026                      |
| Sewer Capacity Improvement Project C2&C3                                     | FY 2026/2027                      |
| La Paz Drive Project from I-15 NB ramp to 7th Street                         | FY 2026/2027                      |
| Pipeline Replacement Project – Area 6  | FY 2026/2027                      |
| Santa Fe Wash Sewer Relocation Project                                       | FY 2027/2028                      |

# DEVELOPMENT ENGINEERING



# DEVELOPMENT ENGINEERING



| Development Type                     | Number of Plan Checks |           |
|--------------------------------------|-----------------------|-----------|
|                                      | Completed             | In Review |
| Residential                          | 19                    | 3         |
| Commercial                           | 18                    | 9         |
| Number of Inspections Completed: 865 |                       |           |

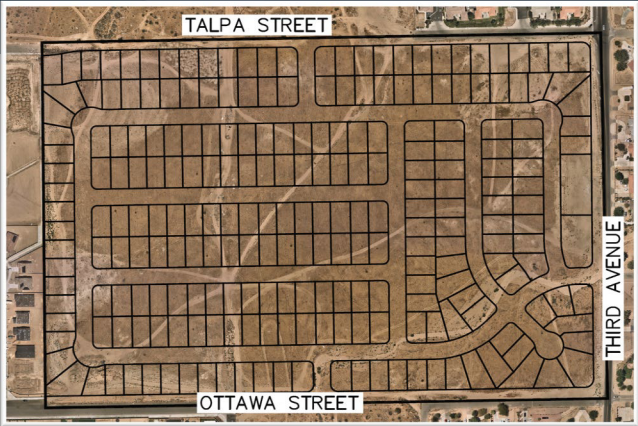
- 🚧 Review of Hydrology, Geotechnical, WQMP, Water/Sewer Feasibility, and Traffic Studies
- 🚧 Issuance of Conditions of Approval
- 🚧 Review of Civil Improvement Plans

| Permit Type    | Issued |
|----------------|--------|
| Utility        | 110    |
| Right-of-Way   | 34     |
| Transportation | 104    |
| Water          | 97     |

- 🚧 Issuance of Public ROW Permits
- 🚧 Inspection During Construction
- 🚧 Project Acceptance

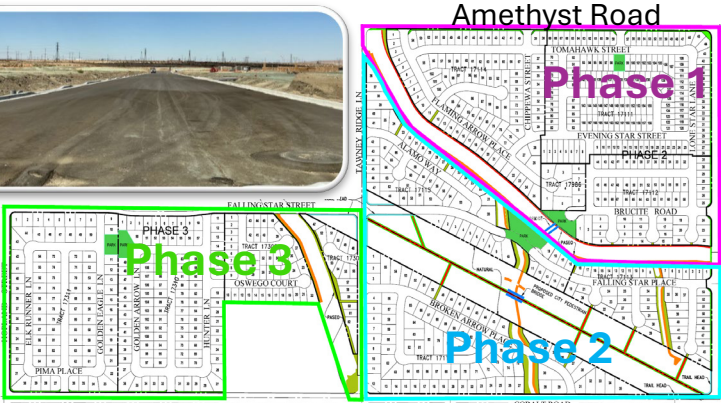
# DEVELOPMENT ENGINEERING – PROJECT UPDATES

Tract No. 14132: Richmond American Homes (RAH) will construct the missing segments of Talpa Street and Ottawa Street between 3rd Street and Arrowhead Drive within the Tract. RAH is currently grading and installing wet utilities.



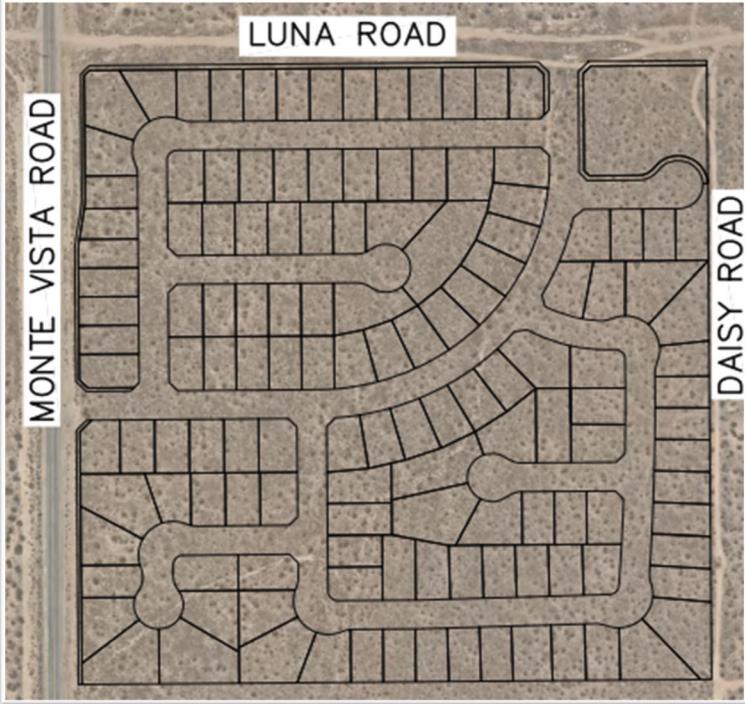
# DEVELOPMENT ENGINEERING – PROJECT UPDATES

Tracts 17110 & 17308: D.R. Horton started Phase 1 of the West Creek development which consists of improving Mojave Drive and Amethyst Road, as well as two (2) parks and a drainage channel.



# DEVELOPMENT ENGINEERING UPCOMING TRACT

- 🚧 Tract 20275 – KB Homes
- 🚧 Security Substitution Approved at the January 21, 2025, City Council Meeting
- 🚧 Grading commenced in April 2025
- 🚧 Water, Sewer, and Storm Drain Utilities and Street Improvements – August 2025: Monte Vista Road widening including LMAD improvements, curb and gutter, sidewalk, street lighting, and right turn pocket at Luna Rd.
- 🚧 Model Home Construction – October 2025



# DEVELOPMENT ENGINEERING – PROJECT UPDATES

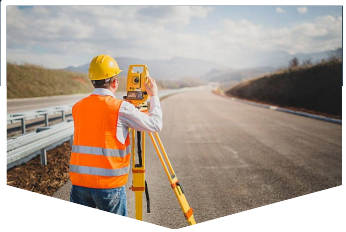
🚧 Tract 14933 – Richmond American Homes (RAH) - As part of the street improvements, RAH capped all the interior roads and slurry sealed the previously capped roads including: Mesa Linda Avenue, Pinos Verde Lane, Mesa Rojo Way, Aberdeen Street, and Pinositas Way.



# **SURVEYING / MAPPING**



# SURVEYING / MAPPING



| Surveying Support          | Completed |
|----------------------------|-----------|
| Developer Document Reviews | 7         |
| Engineering Department CIP | 5         |
| Public Works               | 2         |
| SCLA                       | 1         |
| VMUS                       | 0         |
| Economic Development       | 1         |

CIP/  
DEVELOPMENT

PUBLIC  
WORKS

ECONOMIC  
DEVELOPMENT

CODE  
ENFORCEMENT

VMUS

SCLA

PUBLIC  
RECORD  
REQUESTS

PROVIDES INFORMATION, RESEARCH AND CONSULTATION TO CITY DEPARTMENTS AND PRIVATE DEVELOPERS

# TRAFFIC MAINTENANCE



# TRAFFIC MAINTENANCE



| Activity                 | Total |
|--------------------------|-------|
| Preventive Maintenance   | 131   |
| USAs Checked/Marked      | 55    |
| Signal Emergency Repair  | 35    |
| Pole Knock Downs         | 1     |
| Street Light Repairs     | 5     |
| Signs Maintained         | 2,416 |
| Signs Fabricated         | 186   |
| New Signs Installed      | 80    |
| Gallons of Paint Used    | 349   |
| Red Curb Footage Painted | 3,545 |
| Striping Miles           | 0     |
| Standby Calls            | 49    |

