

# City of Victorville Engineering Department

October 1, 2025 through December 31, 2025

# A Message from the City Engineer

We hope every one of you enjoyed a wonderful Holiday Season. Our Engineering Department worked very hard in the second quarter of fiscal year 2025-2026. I am very proud to report on our progress. Normally I report on our accomplishments for the quarter, but given that we just wrapped up 2025, I wanted to highlight the following projects we completed last year:

- Two separate Citywide Pavement Preservation Projects (Phases 1 and 2). In total we sealed over 17 miles of roads including residential roads within the Golden Triangle area and multiple arterial road segments including Amargosa Road, Hesperia Road, and Luna Road.
- Two separate drainage projects were completed at Dories Davies Park and Eucalyptus Street that address damage caused by Tropical Storm Hilary in August of 2023.
- Grant-funded sidewalk projects in Old Town Victorville and Village Drive were completed, and the Green Tree Extension was re-stripped to improve traffic flow.
- The 7th Street Traffic Signal Modification Project was completed to upgrade the primary poles and signal cabinet equipment at five intersections on 7th Street from Mojave Drive to Lorene Drive. This project was partially funded by a \$1.3M HSIP grant.
- A new traffic signal was installed at Village Drive and Puesta Del Sol, along with the addition of yellow retro-reflective tape to the borders of 96 traffic signal back plates at city intersections. These two projects included over \$622k of state HSIP grant funds.
- On the Water side of the house, we installed additional fire hydrants on La Mesa Road that will provide better coverage for our Fire Department. We doubled the operating pressure and increased fire flow to 440 residences and businesses located at the north-east corner of Bear Valley Road and Balsam Road. A block wall project was completed to protect three well sites and one sewer lift station. Additionally, the roadway was restored after a significant water main break beneath Solitude Circle near Jade Avenue.
- Annual updates to the Sanitary Sewer Maintenance Plan (SSMP) were also completed to ensure proper maintenance of the sewer collection system. In addition, the 30% design of the Industrial Wastewater Treatment Plant (IWWTP) and the Citywide Recycled Water Conceptual Study were completed, identifying a broad range of potential opportunities for beneficial use of recycled water throughout the city.

- On the Development side of the house, we managed the completion of storm drains on Third Avenue and Mojave Drive. These recently completed drainage improvements will help us manage our stormwater during rain events. We also broke ground on additional residential tracts that keep our City growing.

With these accomplishments in our rearview mirror, we are getting ready for what 2026 will bring us. We are looking forward to completing the following:

- With the street improvement projects on Ridgecrest Road and Roy Rogers Drive already awarded, we will begin construction this March once we have better weather.
- We are wrapping up the design on street improvements on Mojave Drive from Amargosa Road to I-15 and Third Avenue from Nisqualli Road to Field Street, and yet another Citywide pavement preservation project to extend the life of our roads.
- Updating our Sewer Master Plan, completing the lining of 16,000 linear feet of sewer piping, and replacing manhole lids and frames on the Green Tree Extension.
- Expanding our recycled water pipeline at SCLA to serve new industrial development as identified in the abovementioned Citywide Recycled Water Conceptual Study.

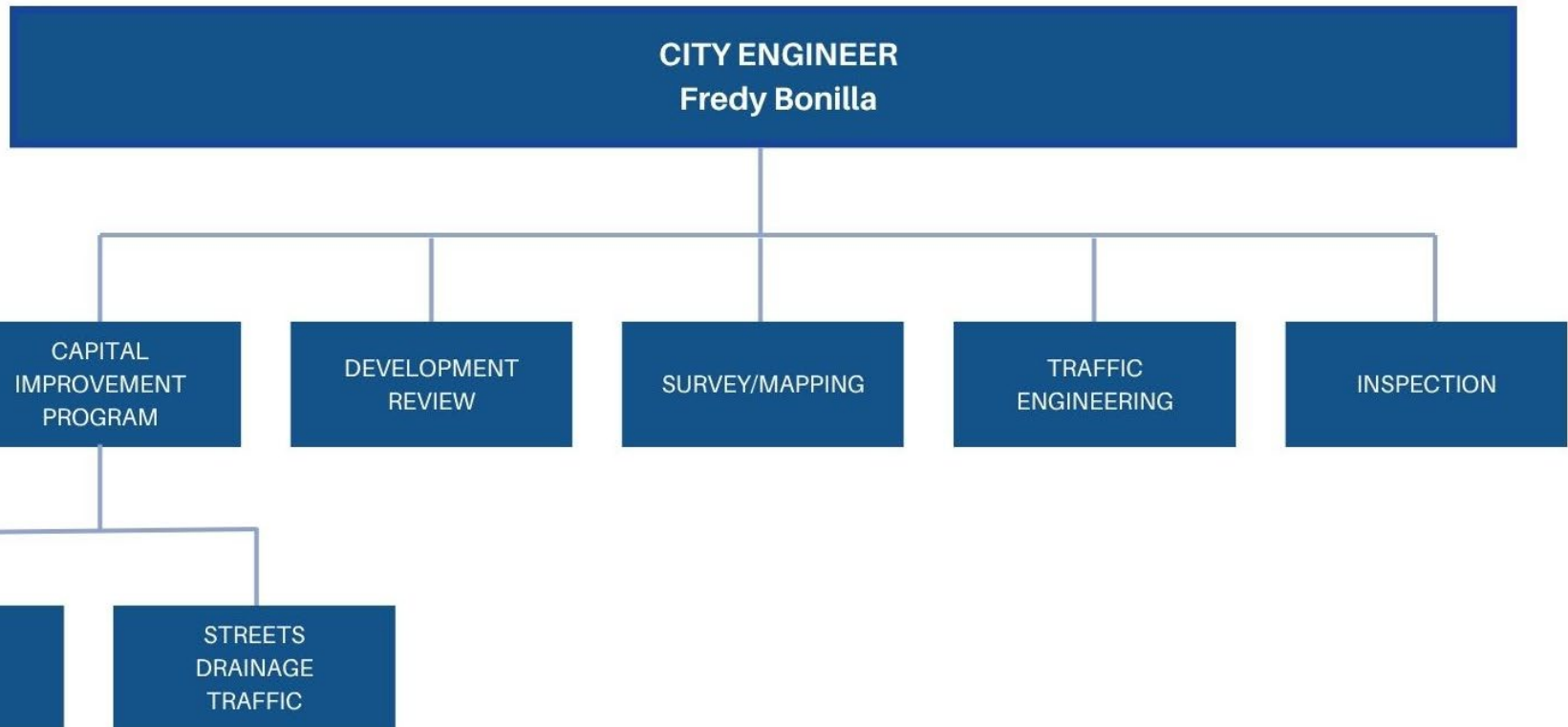
As you can see all our engineers, surveyors, plan checkers, inspectors, drafters, and admin staff are working very hard to ensure that the City's infrastructure is improved each day and we will work very hard to make 2026 a magnificent year.

Thank you,  
Fredy A. Bonilla, City Engineer



# ENGINEERING DEPARTMENT

## ORGANIZATIONAL STRUCTURE





# Project Updates



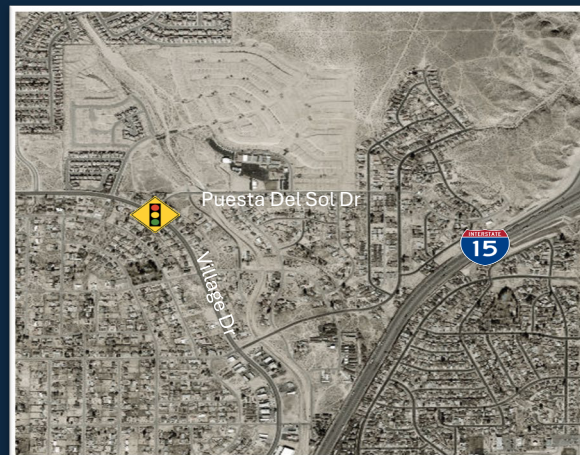
CAPITAL IMPROVEMENT PROJECTS

**CONSTRUCTION**

**COMPLETED**

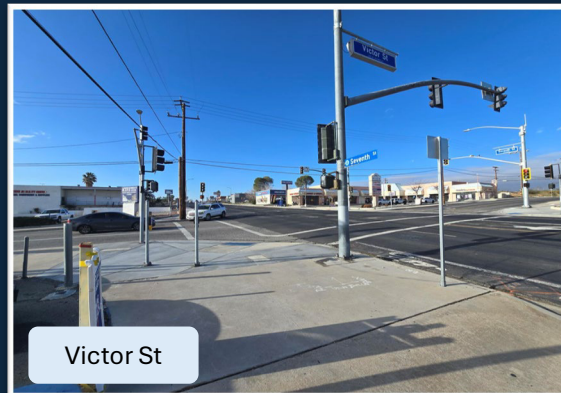
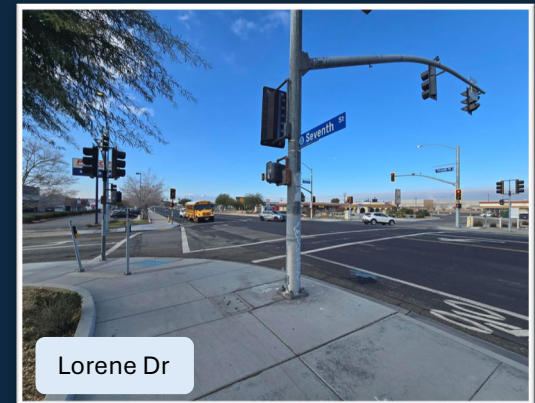
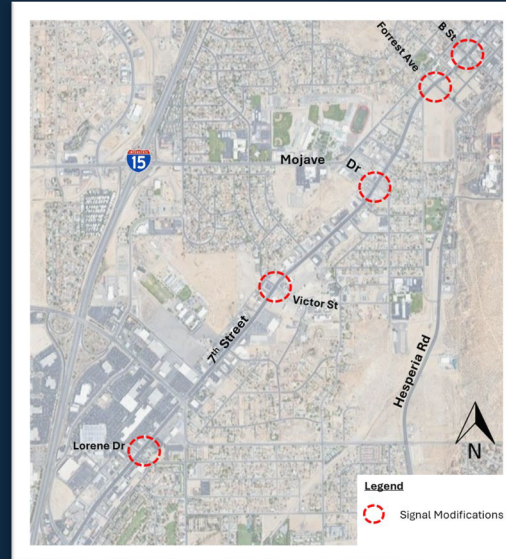
# New Traffic Signal at Village Drive and Puesta Del Sol Project

- 🚧 This project installed a traffic signal at the Village/Puesta Del Sol Intersection.
- 🚧 Contractor: Elecnor Belco Electric, Inc.
- 🚧 Contract Award: March 19, 2024
- 🚧 Contract Amount: \$545,458
- 🚧 HSIP Grant Amount: \$526,500
- 🚧 Start of Construction: August 1, 2024
- 🚧 Completion Date: October 2025



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

- 🚧 This project increased safety along 7th Street by replacing outdated traffic signal equipment, improved detection, accessibility, and lighting.
- 🚧 Contractor: Elecnor Belco Electric, Inc.
- 🚧 Contract Award: March 19, 2024
- 🚧 Contract Amount: \$2,876,393
- 🚧 HSIP Grant Amount: \$1,320,000
- 🚧 Start of Construction: August 1, 2024
- 🚧 Completion Date: October 2025



# Block Wall Project – Various Locations

▲ This project enhanced 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 Concrete Masonry Unit (CMU) block walls topped with 4-foot anti-climb spike extenders. In addition to improving site security, the new block walls and automated gates significantly improved the visual appearance of these critical infrastructure locations, aligning with the District’s goals for aesthetic improvements in public-facing areas.

▲ Contractor: SDC Engineering Inc.

▲ Contract Award: May 6, 2025

▲ Original Contract Amount: \$1,454,345

▲ Final Contract Amount: \$1,393,281.74

▲ Start of Construction: July 2025

▲ Completion Date: December 18, 2025



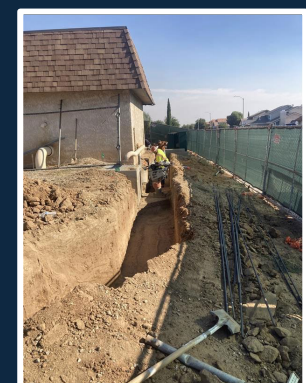
**Well Site 207**



**Well Site 137**



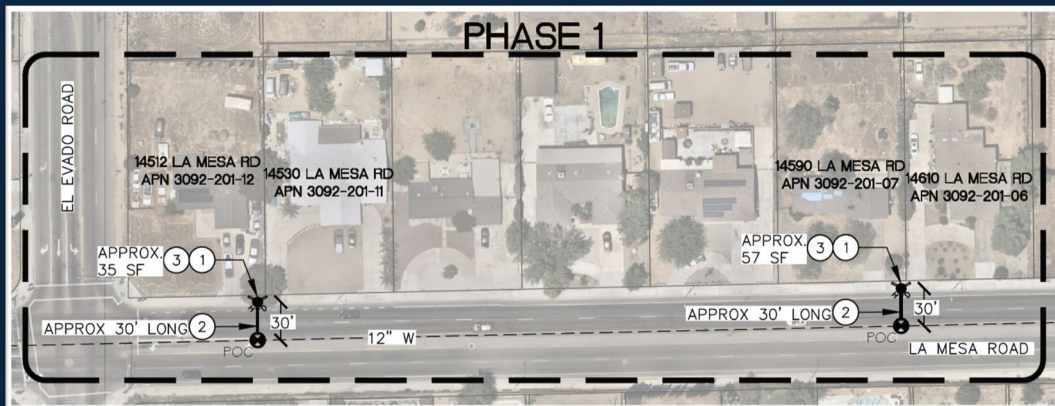
**Stoddard Wells Lift Station**



**Well Site 203**

# La Mesa Road Fire Hydrant Addition 2025

- 🚧 The Engineering Department worked with the Fire Department to install two hydrants on La Mesa Road between El Evado Road and Amargosa Road.
- 🚧 Contractor: Kirtley Construction, Inc. DBA TK Construction
- 🚧 Contract Award: July 2, 2025
- 🚧 Original Contract Amount: \$110,810.00
- 🚧 Final Contract Amount: \$108,716.02
- 🚧 Start of Construction: November 19, 2025
- 🚧 Completion Date: December 10, 2025



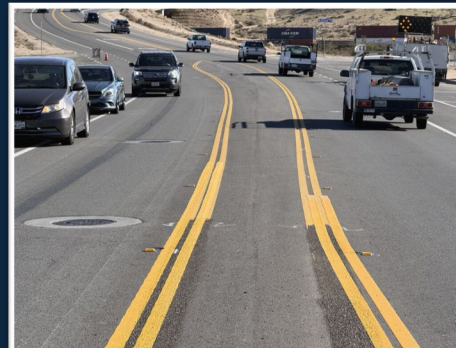
# Village Drive Sidewalk Project – From Puesta Del Sol Dr. to Tawney Ridge Ln.

- ▲ This project constructed sidewalk and drive approaches along Village Drive from Puesta Del Sol Drive to Tawney Ridge Lane.
- ▲ Bid Opening Date: August 12, 2025
- ▲ Contractor: Vance Corporation
- ▲ Contract Amount: \$543,437.59
- ▲ Contract Award: August 19, 2025
- ▲ Start of Construction: October 2025
- ▲ Completion Date: December 3, 2025



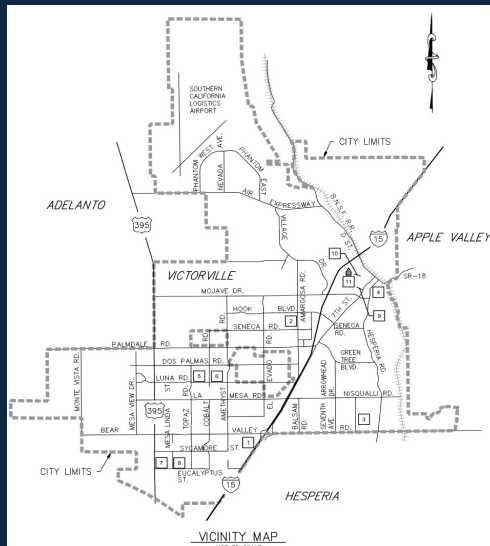
# Green Tree Boulevard from Ridgecrest Rd to Coad Rd.

- ▲ This project adjusted the lane striping to provide smoother transitions for merging east of Ridgecrest Rd and updated signage to reinforce safe transitions.
- ▲ Bid Opening Date: August 12, 2025
- ▲ Contractor: Vance Corporation
- ▲ Contract Amount: \$34,591.07
- ▲ Contract Award: August 19, 2025
- ▲ Start of Construction: October 2025
- ▲ Completion Date: December 3, 2025



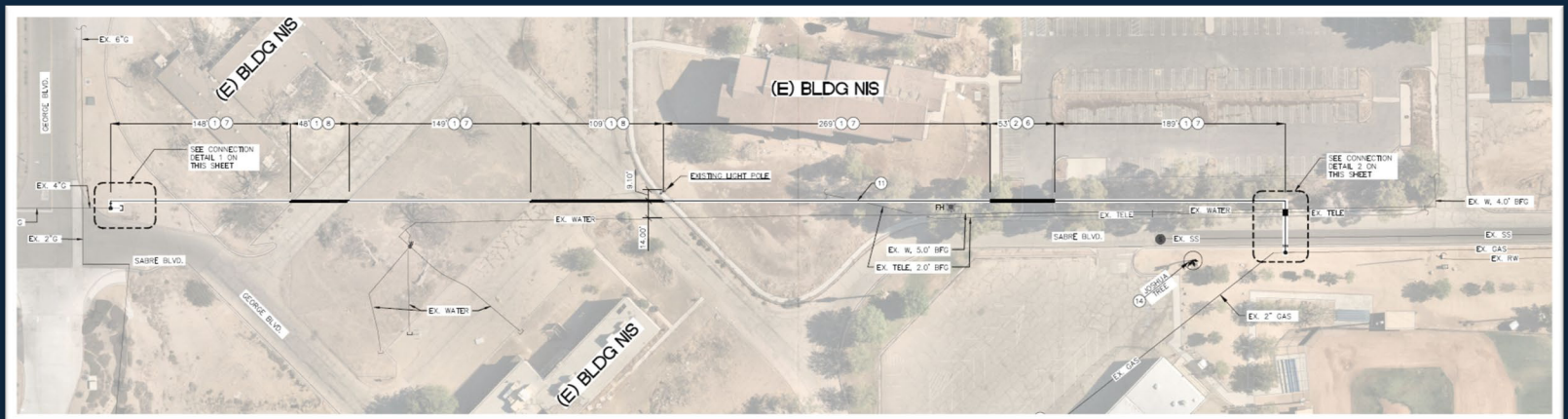
# Citywide Pavement Preservation and Maintenance Project – Phase II

- ▲ This project slurry sealed 4.5 miles of City streets.
- ▲ Contractor: Pavement Coatings Company
- ▲ Contract Award: June 17, 2025
- ▲ Original Contract Amount: \$1,052,251.48
- ▲ Final Contract Amount: \$1,030,556.83
- ▲ Start of Construction: August 29, 2025
- ▲ Completion Date: November 19, 2025



# Victorville Municipal Utility Services (VMUS) Ga Improvement Project – Phase 5

- ▶ This project completed the conversion of Southern California Logistics Airport's (SCLA) gas distribution system from Southwest Gas to the Kern River Gas Transmission Corporation. Phase 5 connected the remaining section of VMUS' distribution area to the larger part of VMUS' system which is already being supplied by Kern River.
- ▶ Contractor: AM Ortega
- ▶ Contract Award: August 19, 2025
- ▶ Final Contract Amount: \$181,052.42
- ▶ Start of Construction: October 2025
- ▶ Completion Date: November 19, 2025



# Bear Valley Rd. At Mesa View Dr. All-Way Stop

- 🚧 This project consisted of installing an all-way stop control for Bear Valley Rd at Mesa View Dr. The work consisted of signing and striping improvements for the intersection.
- 🚧 Work was completed in-house by Public Works Traffic Staff
- 🚧 Completion Date: December 17, 2025





CAPITAL IMPROVEMENT PROJECTS

**CONSTRUCTION**

**IN PROGRESS**



# Pressure Zone Change Project – Area 7

🚧 The Victorville Water District 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

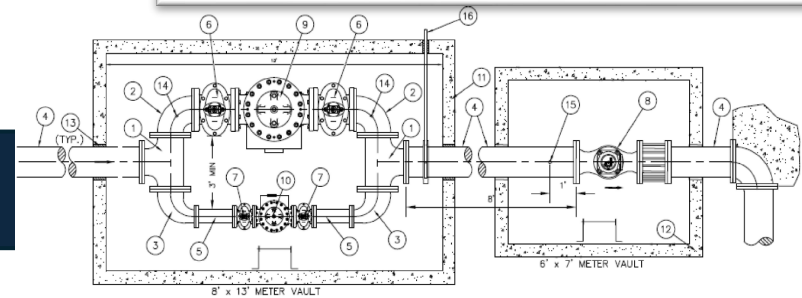
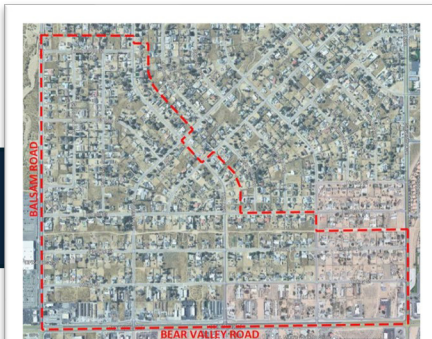
🚧 Contractor: Hemet Manufacturing Company, Inc (DBA Genesis Construction)

🚧 Contract Amount: \$2,011,621

🚧 Contract Award: February 4, 2025

🚧 Start of Construction: May 12, 2025

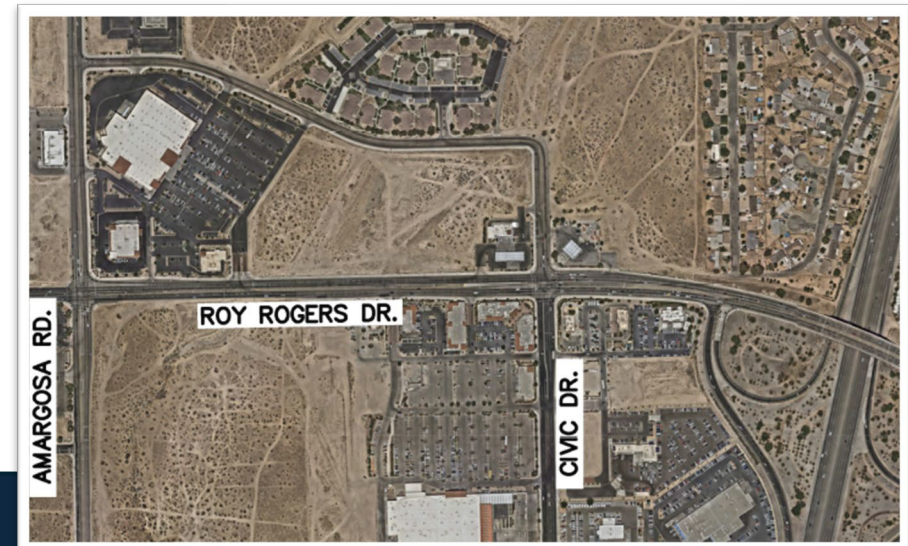
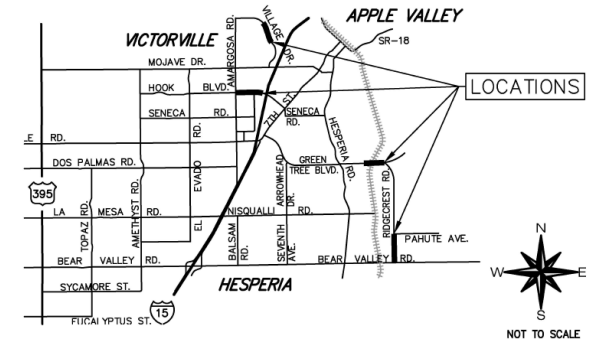
🚧 Estimated Completion Date: January 2026



# 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.
- 🚧 Bid Opening Date: August 12, 2025
- 🚧 Contractor: Vance Corporation
- 🚧 Contract Amount: \$2,285,522.24
- 🚧 Contract Award: August 19, 2025
- 🚧 Start of Construction: March 2026
- 🚧 Estimated Completion Date: Summer 2026

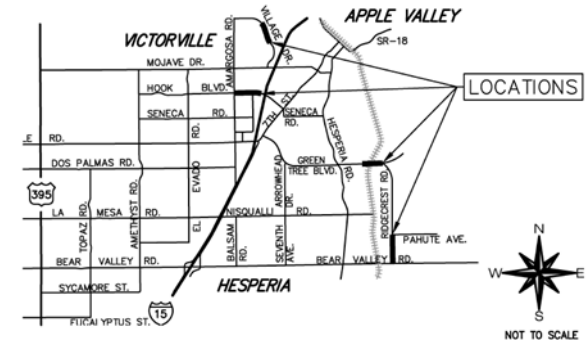
2025 CITYWIDE STREET IMPROVEMENTS VICINITY MAP



# Ridgecrest Road Reconstruction and Improvement Project - Bear Valley Road 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).

- 🚧 Bid Opening Date: August 12, 2025
- 🚧 Contractor: Vance Corporation
- 🚧 Contract Amount: \$1,712,110.42
- 🚧 Contract Award: August 19, 2025
- 🚧 Start of Construction: March 2026
- 🚧 Estimated Completion Date: Summer 2026



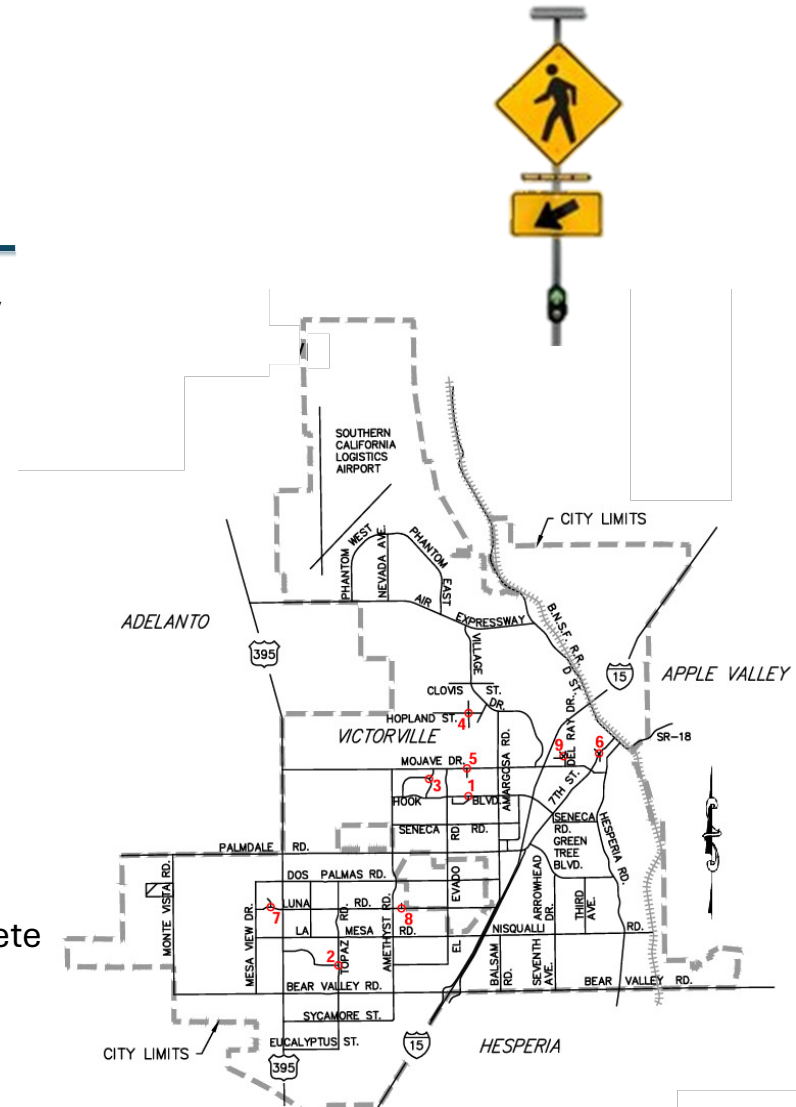


**CAPITAL IMPROVEMENT PROJECTS**

**UPCOMING  
CONSTRUCTION  
PROJECTS**

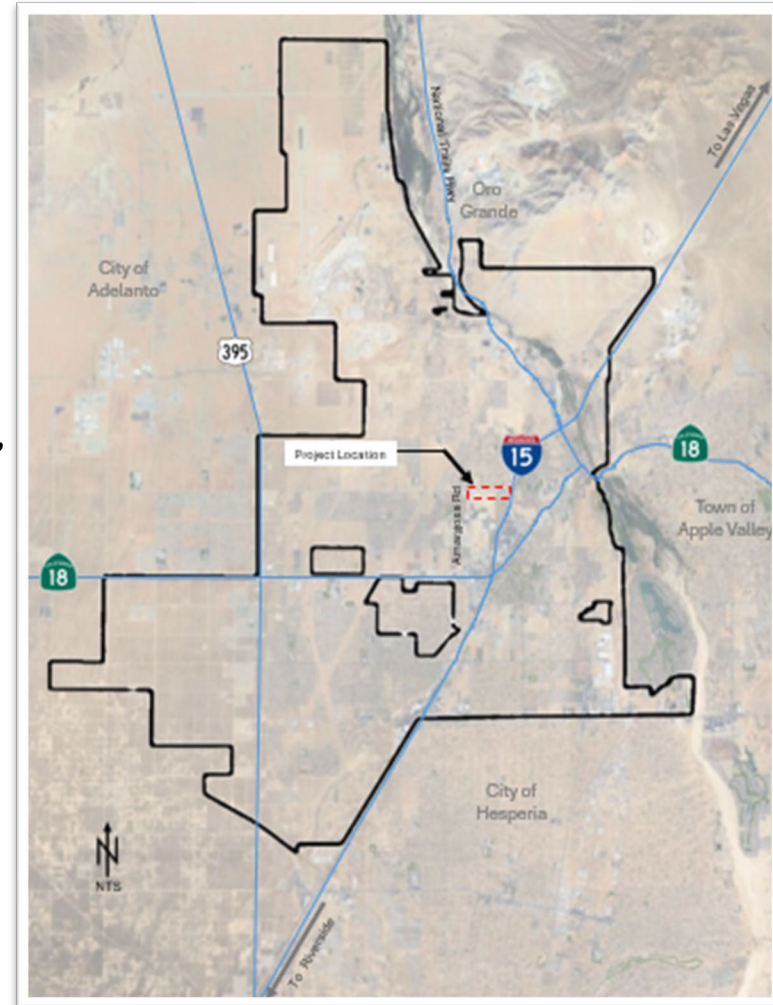
# Crosswalk Enhancement Project

- 🚧 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
- 🚧 Material Procurement Status: In Progress
- 🚧 Projected Advertisement Date: Winter 2026 (Concrete Work Only)
- 🚧 Project will be completed by the Traffic 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

- 🚧 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 and gutter and sidewalks, as well as ADA-compliant curb ramps, driveway approaches, fire hydrants, crosswalks, street lighting, and signage.
- 🚧 In-house Design Status: 90% Complete – Right-of-Way needs to be acquired between Condor and Amethyst.
- 🚧 Projected Advertisement Date: Winter 2026

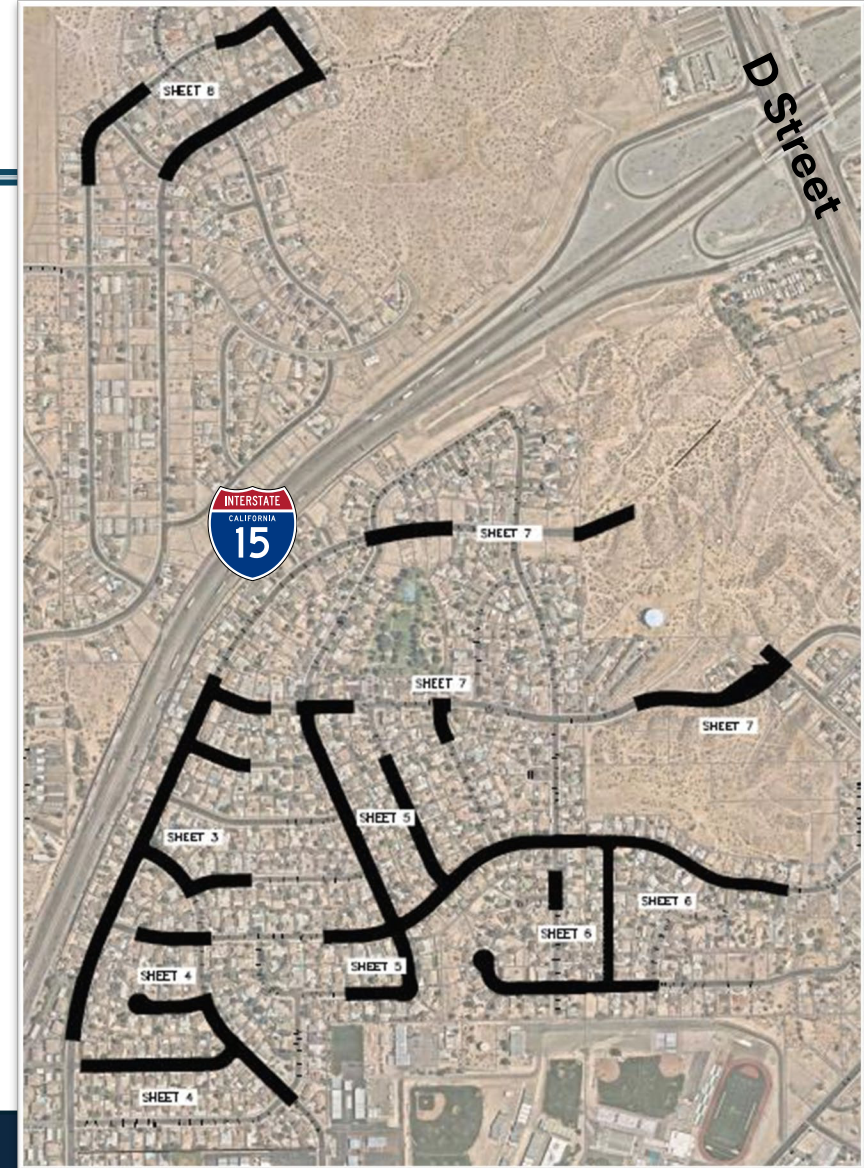


## Sewer Lining Project – Phase 3

🚧 This project will rehabilitate about 16,000 linear feet of existing 8-inch and 10-inch sewer pipelines using cured-in-place pipe (CIPP) lining, along with approximately 326 top-hat service lateral repairs at various locations throughout the City. This project also includes spot repairs of broken or deteriorated pipe segments identified through CCTV inspections conducted in compliance with the City’s Sewer System Maintenance Plan throughout the City.

🚧 In-house Design Status: 100% Complete

🚧 Projected Advertisement Date: Winter 2026







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: Design Phase 30% Complete / Workshop held on August 12, 2025
- 🚧 30% Design was completed in December 2025 and we hope to award the 100% design this Winter 2026.



# National Pollutant Discharge Elimination System (NPDES) Permit

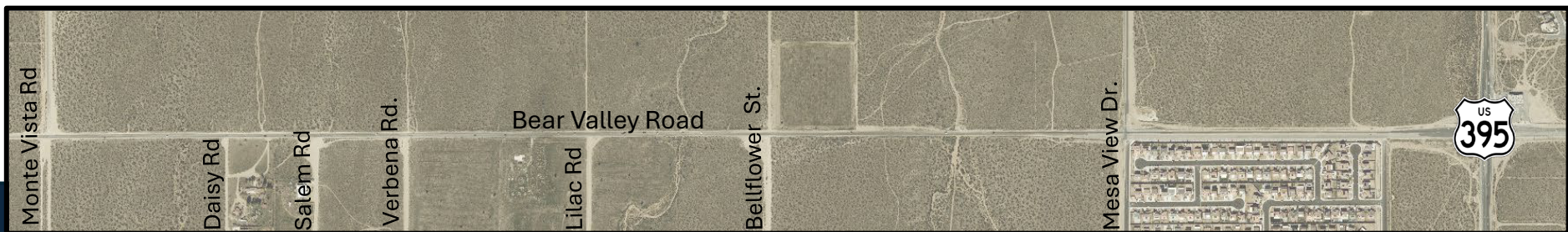
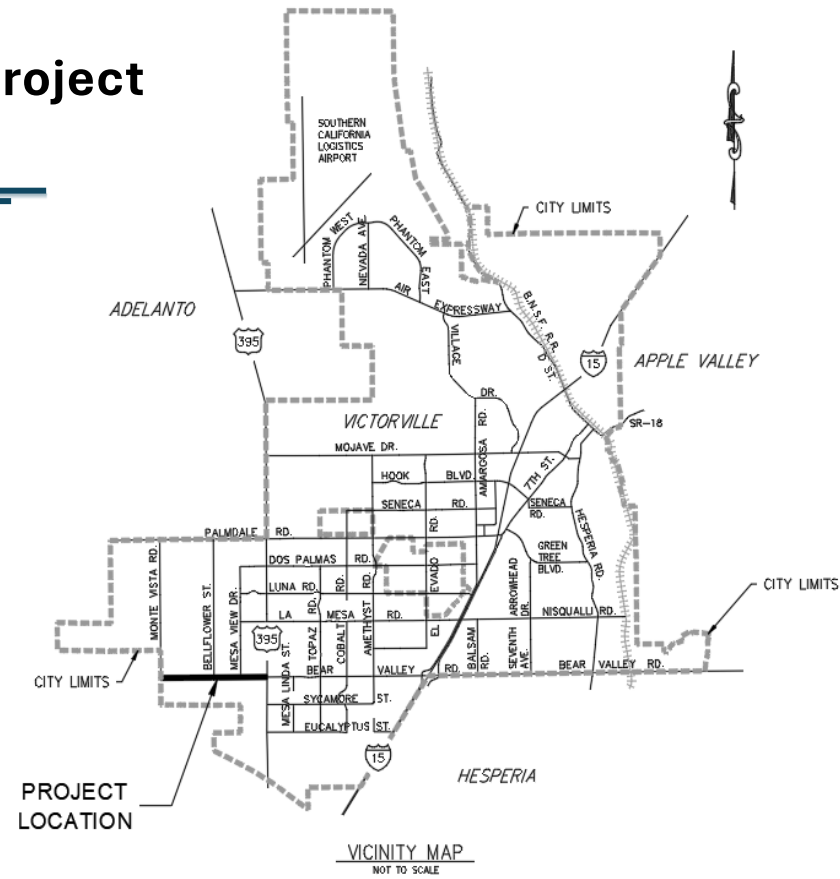
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- 🚧 The City issued a Request for Proposals (RFP) for the preparation of a National Pollutant Discharge Elimination System (NPDES) Permit to explore an alternative option for excess recycled water disposal.
- 🚧 Consulting Contract Awarded: December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

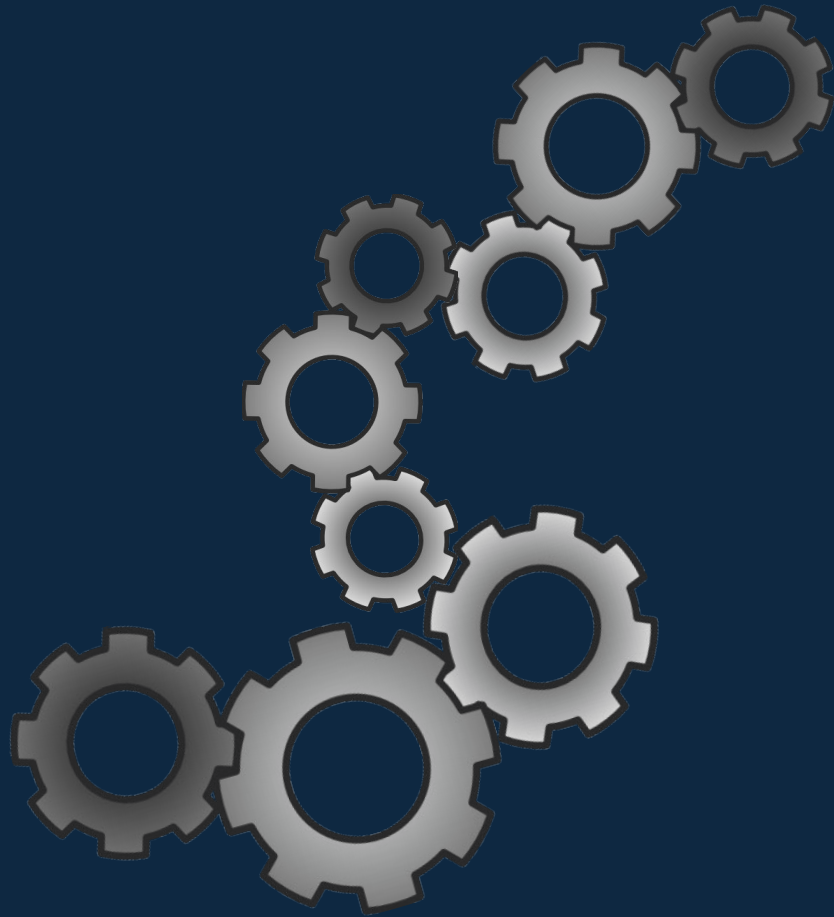


# Bear Valley Road Street Improvements Project from Monte Vista Road to US-395

- 🚧 This project will rehabilitate and widen Bear Valley Road from Monte Vista Road to US-395 to include one lane in each direction and a center (turning) lane. This project will also optimize drainage along this segment of roadway.
- 🚧 In-house Design Status: 60% Complete
- 🚧 Projected Advertisement Date: Winter 2027



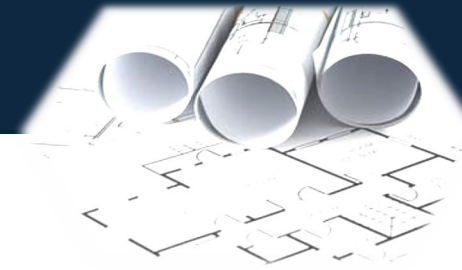
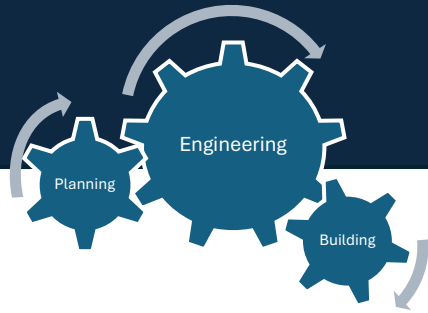
PROJECTS IN DESIGN PHASE	ESTIMATED CONSTRUCTION START DATE
Pipeline Replacement Project – Area 28	FY 2025/2026
1MG Recycled Water Storage Tank Project	FY 2025/2026
2026 Citywide Pavement Preservation and Maintenance Project	FY 2025/2026
Bear Valley Road Restripe Project	FY 2025/2026
Green Tree Boulevard Restripe Project	FY 2025/2026
Mojave Drive Reconstruction Project from Amargosa Road to US-395	FY 2025/2026
Third Avenue Street Improvements Project from Nisqualli Road to Field Street	FY 2025/2026
Mojave Drive Reconstruction Project from I-15 to 7th St	FY 2025/2026
Pipeline Replacement Project – Area 5	FY 2025/2026
Pipeline Replacement Project – Area 6	FY 2026/2027
Sewer Capacity Improvement Project C2&C3	FY 2026/2027
La Paz Drive Project from I-15 NB ramp to 7th Street	FY 2026/2027
Santa Fe Wash Sewer Relocation Project	FY 2027/2028



# DEVELOPMENT ENGINEERING



# DEVELOPMENT ENGINEERING



Development Type	Number of Permit Plan Checks	
	Completed	In Review
Residential	45	11
Commercial	9	40

Number of Inspections Completed: 917

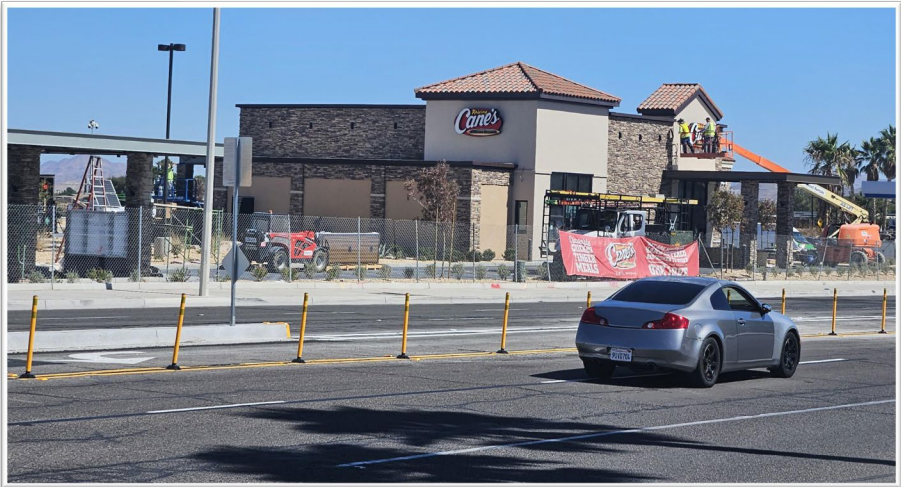
- 🚧 Review of Hydrology, Geotechnical, Water Quality Management Plans (WQMP), Water/Sewer Feasibility, and Traffic Studies
- 🚧 Issuance of Conditions of Approval
- 🚧 Review of Civil Improvement Plans

Permit Type	Issued
Utility	139
Right-of-Way	24
Transportation	98
Water	50

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

# DEVELOPMENT ENGINEERING – PROJECT UPDATES

🚧 Raising Cane's: The developer of Raising Cane's at the location of Roy Rogers Drive, west of Civic Drive has completed their raised median improvements along their project frontage.



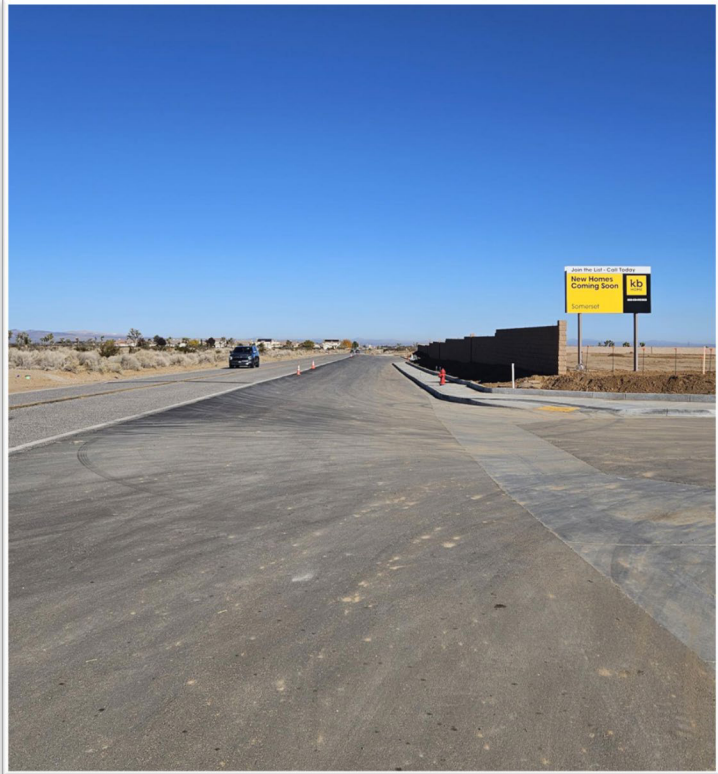
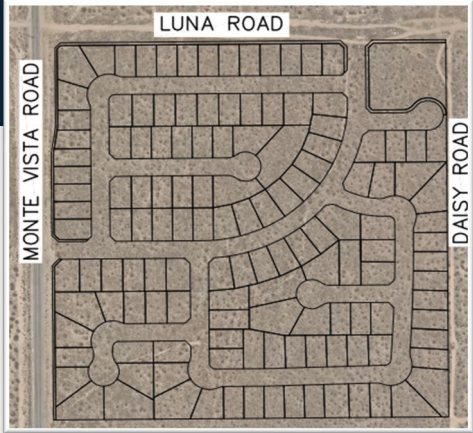
# DEVELOPMENT ENGINEERING – PROJECT UPDATES

🚧 Victor Valley Connection: The developer had completed all public improvements on 2<sup>nd</sup> Avenue, 3<sup>rd</sup> Avenue, and Bear Valley Road including a new median on Bear Valley Road, a new traffic signal at Bear Valley Road and 3<sup>rd</sup> Avenue, and a traffic signal modification at Bear Valley Road and 2<sup>nd</sup> Avenue. The only outstanding item for bond exoneration was the reconstruction of the curb ramp at the north-east corner of Bear Valley Road and 3<sup>rd</sup> Avenue in front of Desert Valley Hospital which was completed December 2025.



# DEVELOPMENT ENGINEERING UPCOMING TRACT

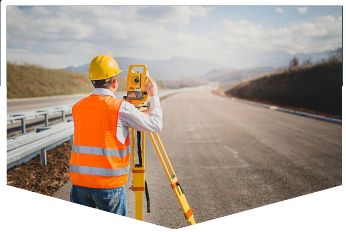
- 🚧 Tract 20275 – KB Homes
- 🚧 Security Substitution Approved at the January 21, 2025, City Council Meeting
- 🚧 Development commenced in April 2025
- 🚧 Water, Sewer, and Storm Drain Utilities and Street Improvements
- 🚧 August 2025: Monte Vista Road widening including LMAD improvements, curb and gutter,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



# **SURVEYING / MAPPING**



# SURVEYING / MAPPING



Surveying Support	Completed
Developer Document Reviews	6
Engineering Department CIP	4
Public Works	2
SCLA	2
VMUS	0
Economic Development	2

CIP/  
DEVELOPMENT

PUBLIC  
WORKS

ECONOMIC  
DEVELOPMENT

CODE  
ENFORCEMENT

VMUS

SCLA

PUBLIC  
RECORD  
REQUESTS

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