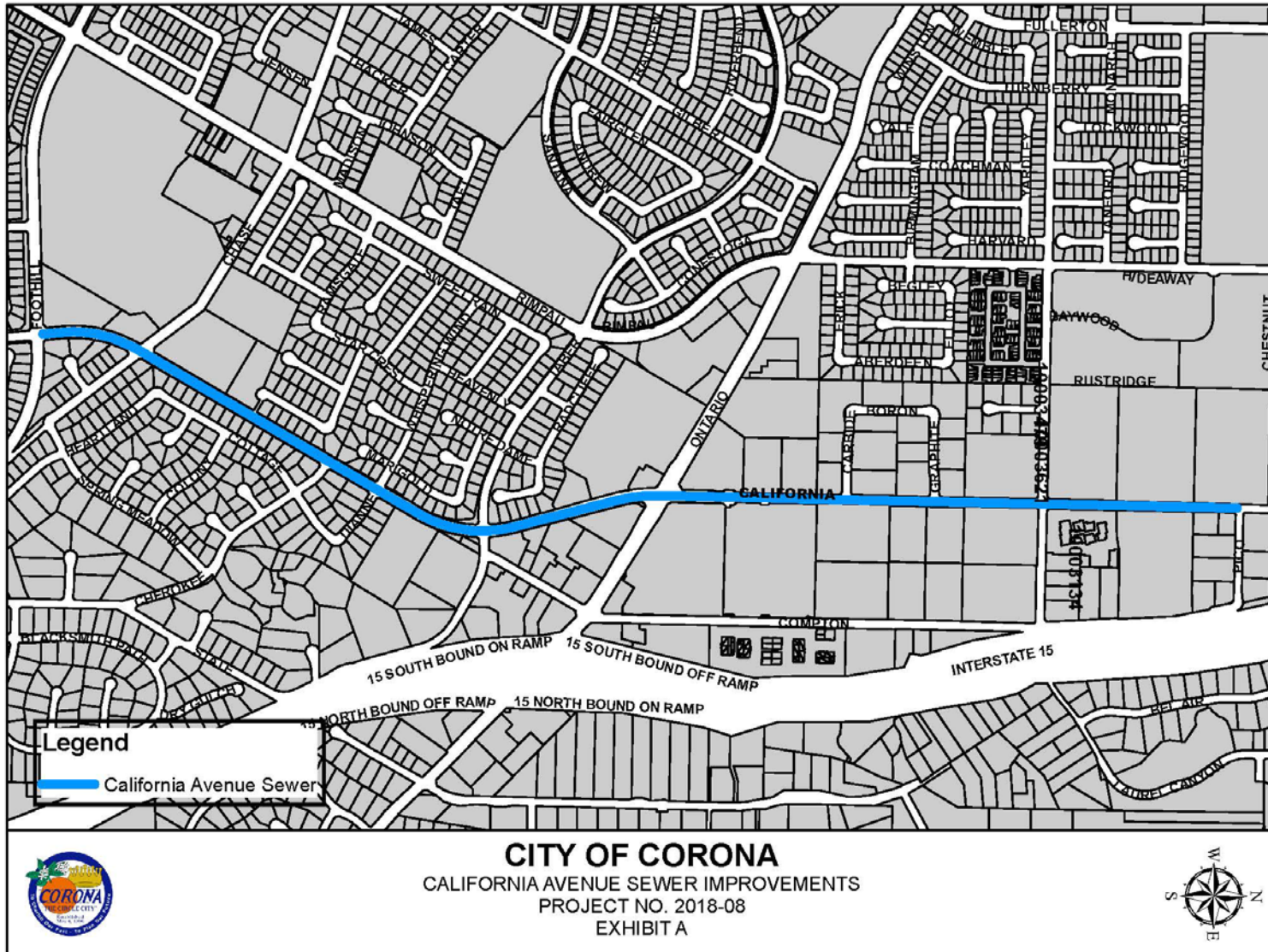




# Project Completion Summary

- Project Title:** California Avenue Sewer Improvements Project, No. 2018-08
- Location:** The California Avenue Sewer Improvements Project was constructed in California Avenue from Foothill Parkway to Pico Street to receive flow from the Arantine Hills Sewer Lift Station. The pipe alignment is shown in exhibit A.
- Description:** Installation of 8,960 linear feet of 15-inch diameter gravity sewer using vitrified clay pipe (VCP) with 43 manholes, including included bore and jack trenchless construction with steel casing at 3 locations where the sewer crossed large diameter storm drains, and a large diameter Metropolitan Water District water transmission main.
- Schedule:** Construction started in May 2018 and was completed in May 2019.
- Project Cost:** \$6,267,575.17
- Funding:** Project was funded 60% by sewer capacity fund - 40% by Arantine Hills development

# California Avenue Sewer Improvements Project, No. 2018-08





# California Avenue Sewer Improvements Project, No. 2018-08



**SEWER INSTALLATION IN  
STEEL CASING  
OLD TEMESCAL ROAD**



**STEEL CASING INSTALLATION  
OLD TEMESCAL ROAD**



# California Avenue Sewer Improvements Project, No. 2018-08



**TRENCHING AND PIPE INSTALLATION  
NEAR CHASE DRIVE**



**PAVING NEAR CHASE DRIVE**



# California Avenue Sewer Improvements Project, No. 2018-08



***PORTIONS OF THE PROJECT  
WERE CONSTRUCTED AT NIGHT***



***MANHOLE CONSTRUCTION AT  
OLD TEMESCAL ROAD***



# California Avenue Sewer Improvements Project, No. 2018-08



**CONSTRUCTION IN DEEP TRENCHES**



**MANHOLE BASE FORMED AND READY FOR MANHOLE CONSTRUCTION**



# California Avenue Sewer Improvements Project, No. 2018-08



**SEWER CONSTRUCTION NEAR HOME DEPOT**



**FINISH PAVEMENT NEAR HOME DEPOT**



# California Avenue Sewer Improvements Project, No. 2018-08



**TRENCH BACKFILL**



**CALIFORNIA AVENUE  
AT CHEROKEE ROAD  
FINISH PAVEMENT**