



Public Works

LOS ANGELES COUNTY



Coastline Drive 12-inch Waterline Improvements

Project Start

Project End

October 16, 2024

Agenda



- ▶ District 29 overview
- ▶ District 29 Capital Improvement Projects Map
- ▶ Project Site
- ▶ Project Existing Issues
- ▶ Project Overview
- ▶ Construction Operations
- ▶ Project Staging
- ▶ Project cost and schedule

Waterworks District No. 29 Infrastructure

- 222 miles of water main
- 1,771 hydrants
- 4,614 valves
- 78 pumps
- 48 reservoirs (water tanks)



Los Angeles County Waterworks District No. 29 Water System CAPITAL IMPROVEMENT PROJECTS



Key to Features

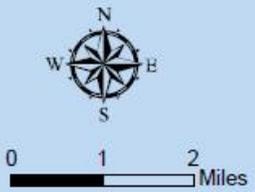
- WWD29 Boundary
- City Boundaries
- Existing Pipeline
- Existing Tank

Priority Deficiencies EIR – Project Level/Cumulative Analysis

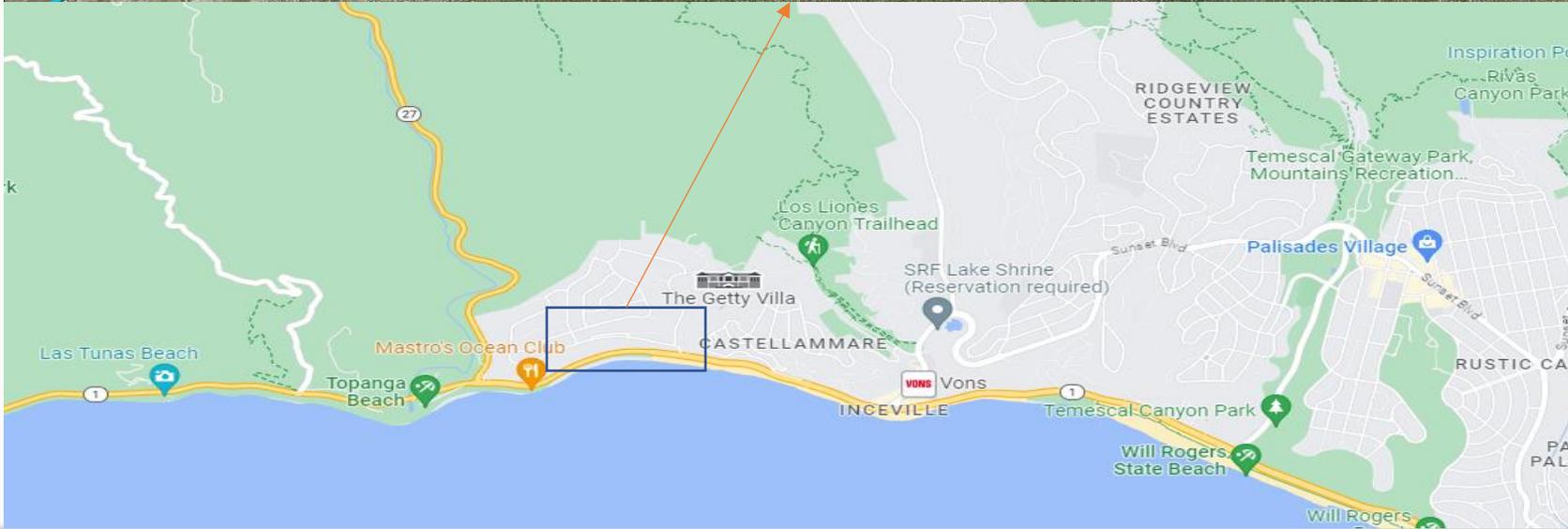
- Tank Projects
- Pipeline Projects
- Creek Crossing Project

Priority Deficiencies EIR – Cumulative Analysis

- Tank Projects
- Pump Station
- Pipeline Projects
- Creek Crossing Project



Project Site



Project Existing Issues

- Service Area
 - 52 service connections; approximately 150 customers
- Existing Coastline Drive Waterline
 - 12-inch waterline was constructed in 1961
 - 6 leaks over a 10-year period

Project Overview

Objective:

- Replace the aging and deteriorated water main to provide a more reliable water system.

Scope:

- Replace 2,000 ft of 12-inch water main with a new 12-inch steel waterline.
- Replace fire hydrants and service laterals along the waterline.

Benefits:

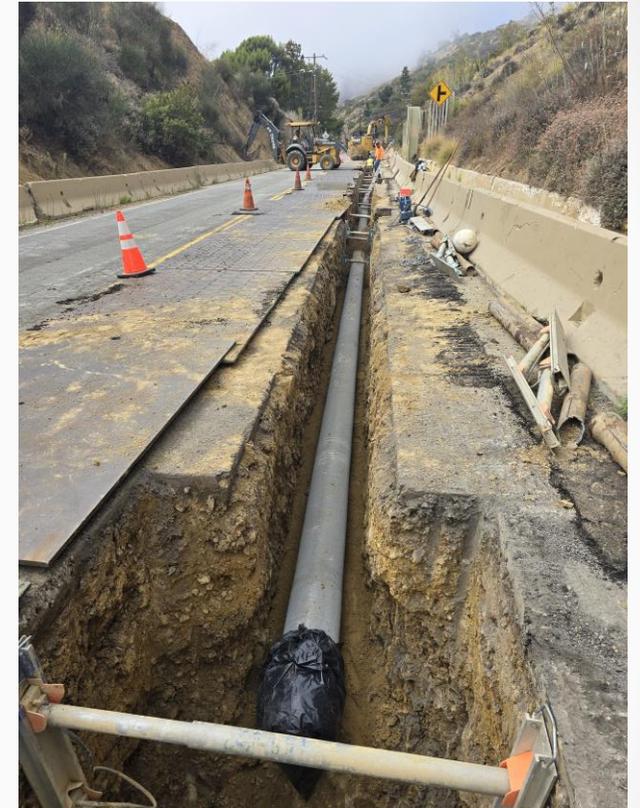
- Minimize service disruptions due to leaks
- Improve water supply and increase operational flexibility

Construction Operations

- Driveway and pedestrian access maintained
- Coastline Drive may be reduced to one traffic lane in short segments for two-way traffic, controlled by flaggers during work hours
- Steel plated at end of the construction hours
- Limited construction hours from 10:00 am-3:00 pm, minimizing the traffic impacts

Water service disruption up to 6 hours

Working days- Monday through Friday



Staging Area Location and Operations



- Staging area is at the Sunset Mesa Tank Site
- Delivery, setup, operation, and storage of equipment and construction materials.
- Preparation of pipes for the project site.
- Temporary sound barriers
- Staging area hours 8:00 am to 5:00 pm

Project Cost and Construction Schedule

Estimated construction contract cost is \$3.14 M

Advertisement Date June 2024

Project Award Date August 2024

Scheduled Construction Start/End Feb. 2025/Feb. 2026

Questions



Any Questions?

Eduardo Maguino - emaguino@pw.lacounty.gov
Abid Chowdhry - achowdhry@pw.lacounty.gov