



Alvarado Trunk Sewer Phase IV

Background

The City of San Diego has more than 3,000 miles of wastewater pipelines to provide wastewater services to its businesses and residences. Some pipelines are more than 100 years old, are deteriorating, and are in need of replacement, repair and upgrades. To avoid future service disruptions, such as sewer main stoppages, the aging pipelines are being replaced or rehabilitated. This project will replace over three and a half miles of existing trunk sewer that was constructed over 50 years ago, and is in need of upsizing to meet future sewage capacity. The new pipelines will bring the existing sewer mains up to modern standards, accommodate community growth and reduce maintenance requirements.

Project Overview

Alvarado Trunk Sewer Phase IV is a continuation of the work that the City completed in phases II and III and will replace the aging and deteriorating Alvarado trunk sewer from the La Mesa – San Diego City border near Alvarado Road to the Mission Valley Interceptor located at the intersection of Fairmount Avenue and Twain Avenue. The construction work will take place on City right-of-way (streets) and other paved surfaces, as well as the sewer easements located on privately owned properties. The project will:

- Replace approximately 3.5 miles of existing 21-inch, 27-inch, 30-inch and 33-inch sewer mains with 30-inch, 33-inch, 36-inch, 39-inch, and 42-inch pipes;
- Slip lining approximately 8,000 linear feet of existing sewer;
- Abandoning approximately 8,500 linear feet of existing sewer mains;
- Place plumbing cleanouts on sewer laterals located within the City's right-of-way;
- Use best management practices (BMPs) for erosion control, storm drain inlet protection and restoration of disturbed areas to their original condition;
- Resurface streets impacted by its construction activities;
- And install new curb ramps that will improve mobility access for people with physical disabilities.

Project Schedule

Completion of project design: August 2019*

Construction: April 2020 through December 2022*

**All dates are approximate and subject to change.*

Project Budget

The project's most updated planning, design, and construction budget is \$54,632,47.

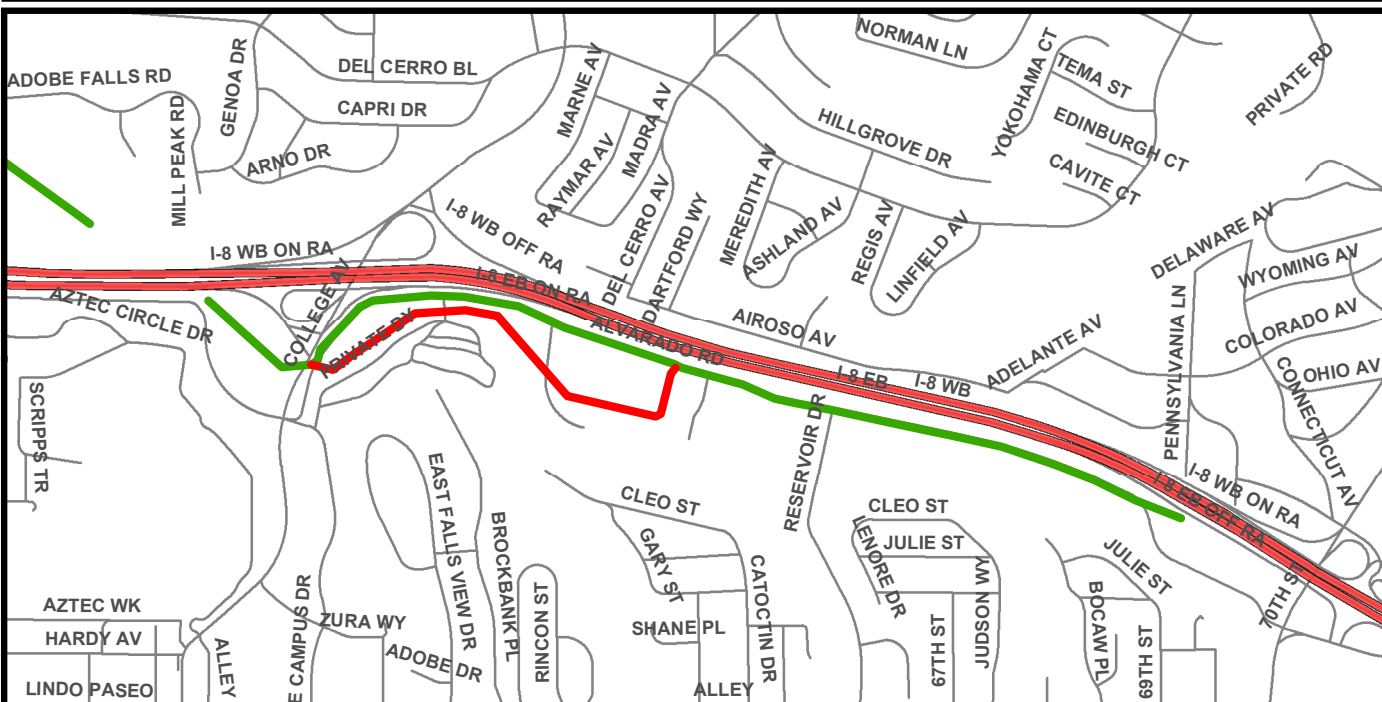
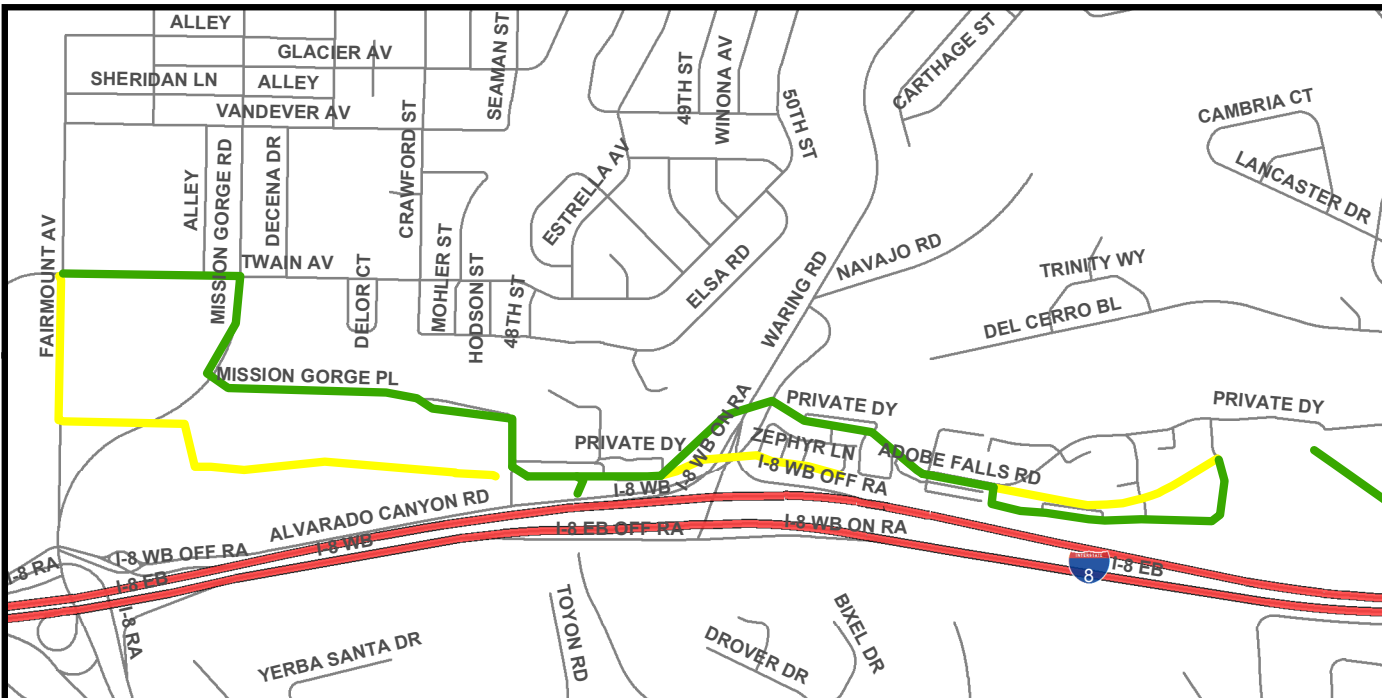
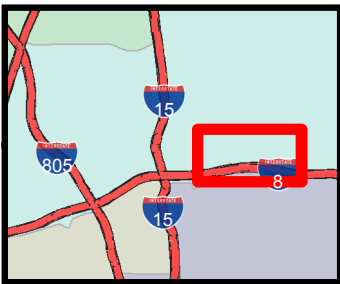
Alvarado Trunk Sewer Phase IV

SENIOR ENGINEER
JANICE JARO
(619) 533-3851

PROJECT MANAGER
SHEILA GAMUEDA
(619) 533-4244

PROJECT ENGINEER
BILAL ORIQAT
(619) 533-6676

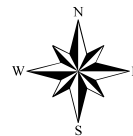
FOR QUESTIONS ABOUT THIS PROJECT
Call: (619) 533-4207
Email: engineering@sandiego.gov



Legend

- SEWER MAINS TO BE ABANDONED
- WORK ON SEWER MAINS
- WORK ON SEWER MAINS (SLIP LINING)

0 0.075 0.15 0.3 Miles



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