# City of San Diego Alvarado 2<sup>nd</sup> Pipeline Extension Project





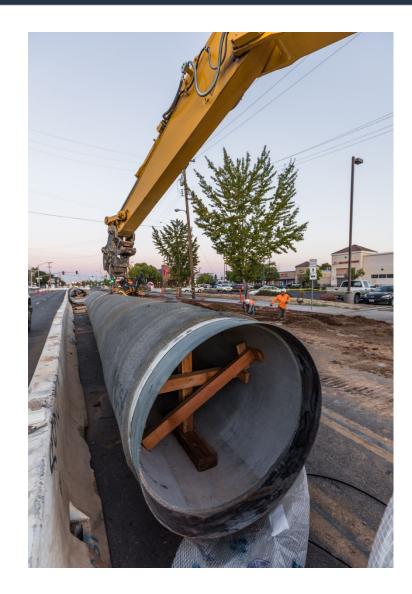
### **SD** Background and Need



- City provides reliable water service every day to 1.4 million residents through hundreds of miles of pipelines
- Water infrastructure, like pipelines, needs maintenance and replacement as it ages
- Some pipelines in the City are more than 100 years old



- New 24- and 48-inch diameter transmission mains installed along Friars Road, between West Mission Bay Drive and I-805
- New 36-inch transmission branch installed connecting in Napa Street for future connection to the Morena Pipeline
- Replace 12- and 16-inch diameter pipelines
  along Friars Road and along Sea World Drive



# Project Area







- Traffic maintained on West Mission Bay
  Drive and Friars Road where safe
- Lane closures around active work zones
- Access maintained for homes and businesses



# **Project Benefits**

- Improve our water reliability and distribution to coastal communities
- Reduce reliance on aging pipelines
- Minimize risk for costly water main breaks by making a smart investment proactively
- Enhance community accessibility in
  Mission Valley area ADA curb ramps and repaving















### Project and Community Coordination

- Robust public outreach program
  - Early coordination design and preconstruction through construction
  - Commitment to keeping community informed
  - Variety of communication methods (in-person, online and print)
- Close coordination with other City and agency teams for scheduling and streamlining



### **Alvarado 2nd Pipeline Extension Project**

### **Background**

The City of San Diego provides water to 1.4 million residents each and every day through hundreds of miles of pipelines, and these underground pipelines need maintenance and replacement as they reach the end of their lifespans. The Alvarado 2nd Pipeline Extension Project will extend and replace aging water pipelines to improve water reliability and distribution in San Diego, focusing on efficient water delivery to the City's coastal communities.

### **Benefits**

Reliable/Environmentally Sustainable: Provides new, reliable water pipelines to ensure secure drinking water service for the future.

Replaces Aging Infrastructure: Replaces miles of aging water distribution mains.

Smart Investment: A proactive move to ensure a reliable pipeline system and minimize risk for costly breaks.

Efficient Delivery: Expands the network of water distribution to coastal communities in San Diego.

Project Manager: Jericho Gallardo Project Engineer: Kennedy/Jenks Consultants

### **Project Components and Location**

The Alvarado 2nd Pipeline Extension Project includes the construction of approximately 10 miles of water mains in the Mission Valley and Mission Bay areas. New 24 and 48-inch transmission mains will be installed along Friars Road, between Interstate 805 (where it connects to the existing Alvarado Pipeline) and West Mission Bay Drive (where it connects to the recently installed Pacific Beach Pipeline). A new 36-inch transmission main branch will be installed at Napa Street for future connection to the Morena Pipeline, which will be constructed after this project. A new pressure reducing station will be installed on Napa Street in a City-owned parking lot. A 12-inch distribution main will be replaced along Sea World Drive, between Interstate 5 and West Mission Bay Drive. Additionally, a 16-inch distribution main will be replaced along Friars Road where it is parallel to the new Alvarado 2nd Pipeline transmission main.

### **Project Schedule**

Mid-2021: Contractor Selected and Construction Begins 2024: Construction Completion



### **Contact Us**

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