

# Community Information Meeting

## ***Alvarado-Niles Pipeline Seismic Improvement Project Phase 2***

Rekha Ippagunta, Project Engineering Manager  
Chris Delp, Project Engineering Supervisor

# Agenda

- ACWD Overview
- Alvarado-Niles Pipeline Seismic Improvement Project Phase 2
  - Project Location & Description
  - Project Coordination & Schedule
- Community Outreach Plan

# Mission Statement

- It is the mission of the Alameda County Water District to provide a reliable supply of high-quality water at a reasonable price to our customers.

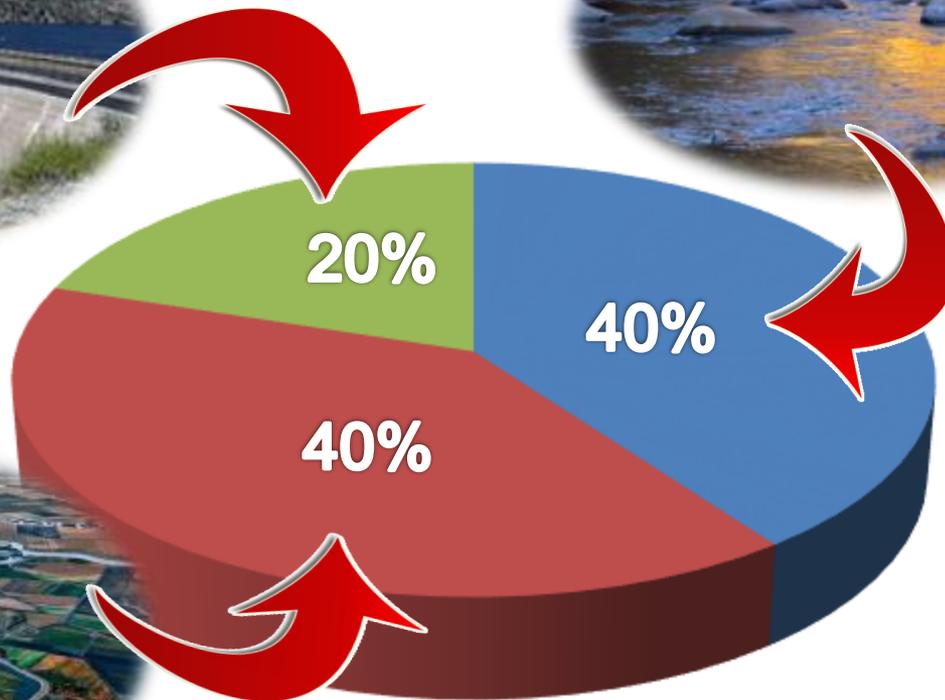


# Overview

- Founded in 1914
- Population Served
  - 342,000+ customers
  - 87,000+ connections



# Multiple Supply Sources = Flexibility



- Alameda Creek Watershed Runoff (local)
- State Water Project (imported)
- San Francisco PUC (imported)

# Service Area

- Fremont, Newark and Union City – 105 square miles



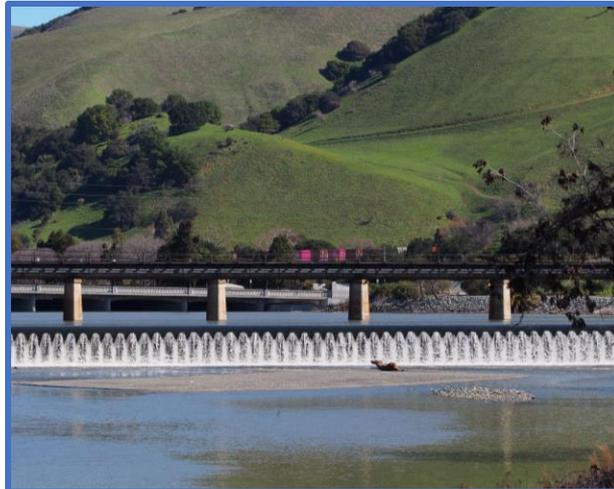
# ACWD By the Numbers

- ~244 full-time employees
- 5-member Board of Directors



# ACWD By the Numbers (cont'd)

- 930 miles of water main pipelines
- 13 reservoirs & storage tanks



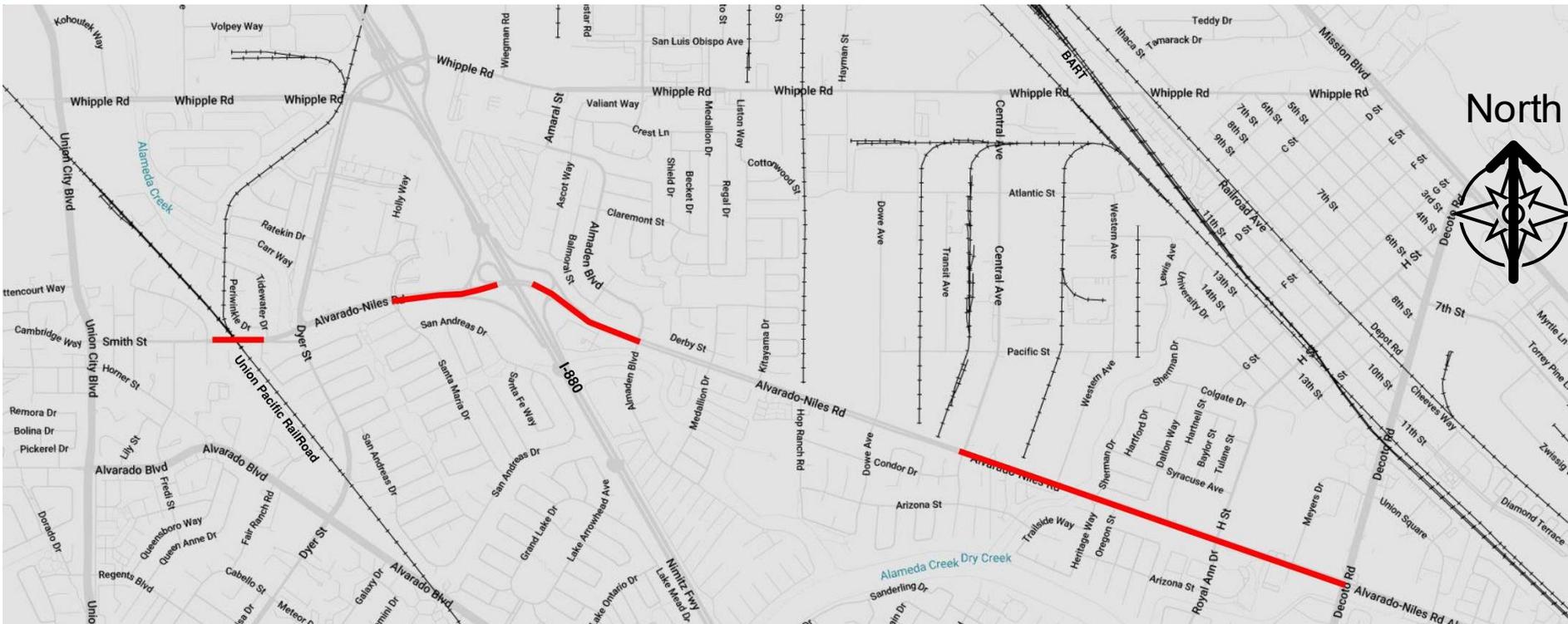
# Main Renewal and Seismic Improvement Program Overview

- Proactive renewal of the water distribution system
  - >930 miles, 71% AC Pipe (~660 miles), seismic setting
- Improve service reliability & seismic resiliency
- Minimize pipeline failures and leaks in the future
- Prioritization of Mains for Renewal
  - Based on ranking of relative risk
  - Highest ranked renewals planned first

# Pipeline Construction Examples



# Project Location



- Smith Street between Granger Avenue and New Haven Street, at Union Pacific Railroad tracks.
- Alvarado-Niles Road between Santa Maria Drive and Almaden Boulevard, and between Central Avenue and Decoto Road

# Project Description

- Install approximately 1,900 feet of 14-inch and 7,950 feet of 16-inch pipeline, valves, service laterals, fire hydrants, appurtenances, and system connections
- The project will upgrade existing pipelines to current District standards with welded steel pipe.
- Pavement and surface restoration

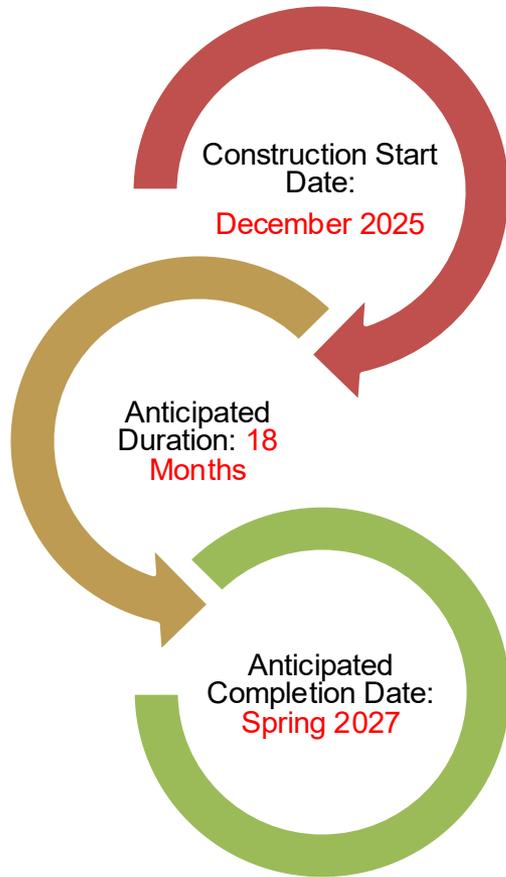
# Pipeline Construction Process

1. Set up traffic control measures
2. Remove existing pavement/concrete, dig trench
3. Install water main pipe and laterals in trench
4. Backfill and compact trench, install temporary paving
5. Disinfection and testing of new water main
6. Connect new water main to distribution system
7. Transfer customers to new main
8. Pave and complete surface restoration
9. Clean-up and close-out activities

# Project Schedule and Working Hours

## PROJECT WORKING HOURS:

DATES	DAY	TIME
Typical Work Hours West of I-880	Mon - Fri	9:00 a.m. – 3:00 p.m.
Typical Work Hours East of I-880	Mon, Tue, Thu, Fri	9:00 a.m. – 2:00 p.m.
Typical Work Hours East of I-880	Weds	9:00 a.m. – 1:00 p.m.



- Limited Weekend or Night Work
- Other restricted working hours may occur at certain locations or to perform certain construction work.

# Project Impacts and Mitigation

## Impact

Water service interruptions to residents/businesses ranging in duration from 2 to 8 hours.

Temporary increase in noise and dust levels due to construction activities.

Construction activities will result in lane closures, reduced speeds, and temporary traffic delays.



## Mitigation

Customer notifications prior to service interruptions.

Street sweeping and limited working hours

'No Parking' signs will be placed along with signs and cones to ensure traffic flow.

# Project Contacts

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# Community Outreach

- Mailers sent to residents and schools to raise awareness of project.
- Project signs are posted.
- Contractor will provide notice 24 hours in advance of any planned customer outage.



# Stay Connected

- [www.acwd.org](http://www.acwd.org)
- [www.acwd.org/594/Alvarado-Niles-Pipeline-Seismic-Improvement](http://www.acwd.org/594/Alvarado-Niles-Pipeline-Seismic-Improvement)
- The ACWD Aqueduct Newsletter
- Facebook, Twitter, Instagram & YouTube



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