

# Water Transmission System Seismic Hazard Mitigation



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# The Problem: Seismic Activity



63% probability of a magnitude 6.7 earthquake in San Francisco Bay Region from 2007 to 2036



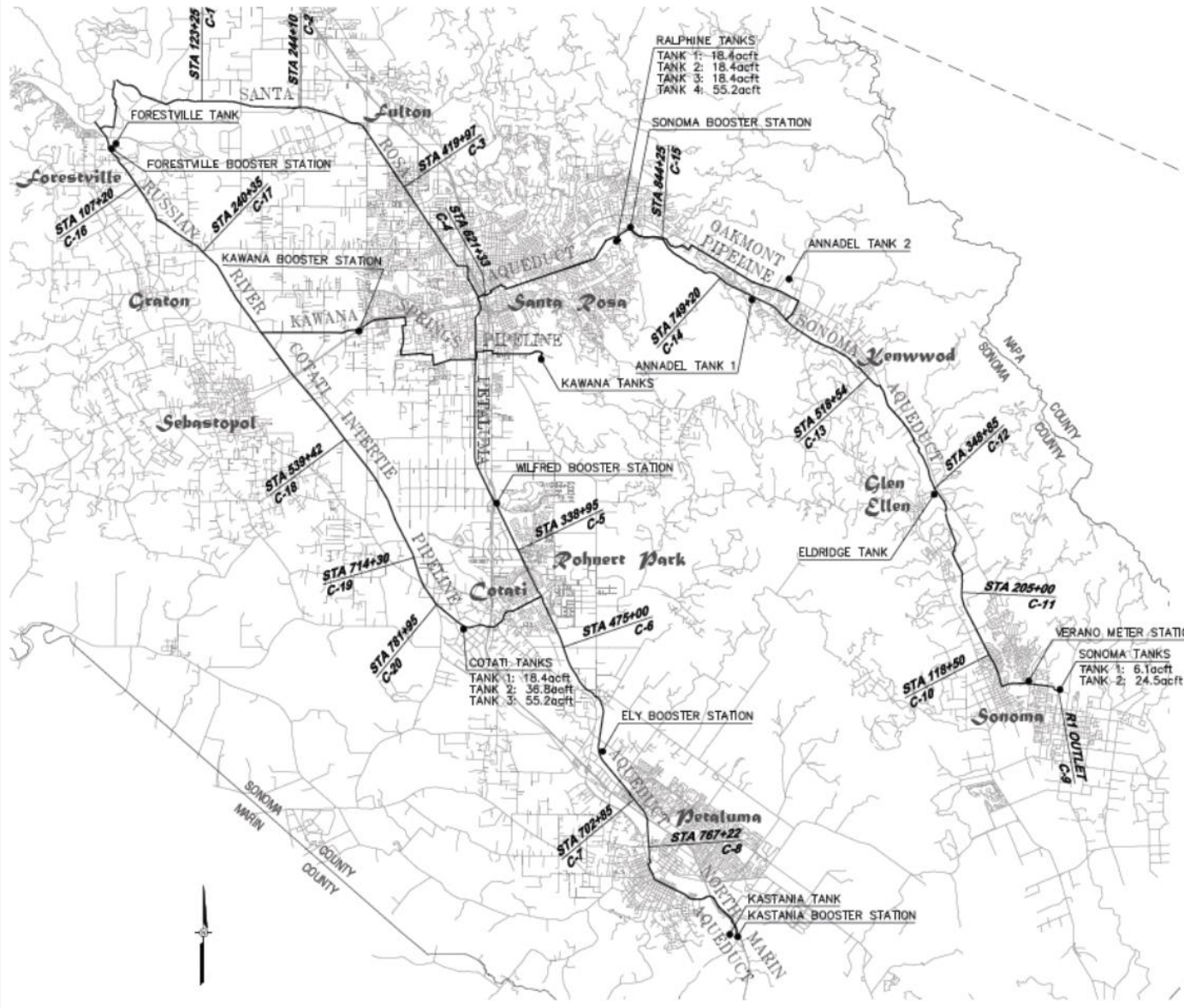
# Reliability = 20 Isolation Valves

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# Strategically Placed in System



- Service will not be interrupted.
- Preferred dewatering method is line stop
- Shutdowns affect ability to control reservoir levels
- When possible, shutdown limited to 24 hours

# Construction Schedule

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August 2015 - 60% Design Meeting

February 2016 - Construction Bids Due

March 2016 - Award Construction Contract

April 2016 - Construction Begins

April 2017 - Construction Completed

# Funding: \$1.93M FEMA Grant

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## Water Transmission System - Overall

\$2.37 Million Funded

\$1.93 Million Obligated

\$5.76 Million Pending

\$10.06 Million Total

## This Project

\$1.93 Million FEMA

\$1.07 Million SCWA

\$3.00 Million Est.

Construction Cost

# For More Information

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