





STAFF REPORT

Meeting Type: Planning Committee/Board of Directors
Title: Capital Improvement Program – North Marin Line Stabilization Phase 1 Project (D26022)
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: June 30, 2026



TYPE OF ITEM: Approve X Review and Comment

RECOMMENDATION: Review and comment on the Capital Improvement Program – North Marin Line Stabilization – Phase 1 Project

SUMMARY: The Capital Improvement Program – North Marin Line Stabilization – Phase 1 Project will install a new 24” control valve on Lower Peters Dam Road near Sir Francis Drake Boulevard and install approximately 160 feet of new 24-inch pipe near the Inkwells Bridge crossing. On August 4, 2026, the District will open construction bids for the project. District staff will make a recommendation for consideration of contract award at a future regularly scheduled Board meeting.

DISCUSSION: The North Marin Line Stabilization – Phase 1 Project is a component of the District’s Capital Improvement Program. This item was previously reviewed at the November 13th, 2025 Planning Committee Meeting; and, at the December 16th, 2025 Board Meeting, the Board adopted the Final Supplemental Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program and approved the Revised North Marin Line Stabilization Project.

The North Marin Line (NML) is a critical raw water transmission pipeline constructed in 1957 to convey water from Kent Reservoir and Nicasio Reservoir to the San Geronimo Water Treatment Plant. The two existing NML creek crossings over San Geronimo Creek are free spanning with minimal supports, which does not align with current seismic standards and practices. The North Marin Line Stabilization Project, , will improve one of the two existing creek crossings to modern seismic standards and eliminate the other through the relocation of a control valve and approximately 1,700 feet of raw water transmission main. Due to the complexity of this project, staff is now proposing that it be designed and constructed in two phases.

Phase 1 of the project will relocate and replace an existing 1957 (68-year-old) control valve, which is critical to the District’s transmission system and necessary for regulating flow from both Kent and Nicasio Reservoir, which are sources of raw water to the San Geronimo Treatment Plant. Phase 1 will

also install approximately 160 feet of new 24-inch welded steel pipe on Lower Peters Dam Road and Sir Francis Drake Boulevard. This will improve resiliency of the North Marin Line along these stretches of Lower Peters Dam Road and Sir Francis Drake Boulevard. Phase 1 will also install the necessary valves and piping in place to avoid disrupting flow from Kent Reservoir to the San Geronimo Treatment Plant between Phase 1 and 2, and more importantly, during Phase 2 when the concurrent Tocaloma Pump Station Rehabilitation project will be underway.

Phase 2 will involve replacing one existing creek crossing with a 36-inch welded steel pipeline supported on a single-span steel truss bridge affixed on deep pier foundations outside the creek channel and installing approximately 1,700 feet of new 36-inch diameter buried pipeline within Sir Francis Drake Boulevard.

The Phase 1 and Phase 2 projects will improve the seismic resilience and reliability of this critical raw water conveyance facility by addressing two significant single points of failure within the transmission system. These improvements will reduce operational risk, eliminate one of the two existing creek crossings, and enhance the long-term reliability of the District's raw water infrastructure.

The construction window for this project is set outside the Northern Spotted Owl nesting season from February 1st to July 31st. Phase 1 of this project will take place in the locations described in Table 1 below and shown on the map provided in Attachment 1.

Table 1. Pipeline Replacement Locations, Lengths, Installation Dates, and Existing Sizes and Types

STREET	LENGTH (FEET)	INSTALLATION DATE	EXISTING SIZE & TYPE
Lower Peters Dam Rd	100	1957	27" ID ACCP
Sir Francis Drake Blvd	60	1957	27" ID ACCP

*ACCP = American Concrete Cylinder Pipe

A summary of the estimated phase 1 project costs and schedule are provided below.

Budget:

Engineer’s Estimate:	\$574,000
Contingency (15%):	\$86,000
Materials and Professional Fees:	\$247,000
District Labor/Inspection:	\$215,000
Total Budget:	\$1,122,000
Budget Category:	A1A03

Project Implementation:

Project Advertisement:	August 4, 2026
Bid Opening:	August 18, 2026
Project Award:	September 1, 2026
Estimated Completion Date:	October 30, 2027
Duration:	424 days

District staff will make a recommendation for contract award for Phase 1 at a future regularly scheduled Board meeting.

ENVIRONMENTAL REVIEW: On December 16th, 2025, the Board of Directors adopted a Final Supplemental Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the North Marin Line Stabilization Project. The Board approved filing of the Notice of Determination by the Director of Engineering... The Notice of Determination was filed with the Marin County Clerk's Office and State Clearinghouse in December 2025. District staff is reviewing the adopted IS/MND and Mitigation Monitoring and Reporting Program (MMRP) to determine if the phased project approach may result in any additional significant impacts that are not adequately addressed by the adopted IS/MND and MMRP.

FISCAL IMPACT: The total cost to complete the North Marin Line Stabilization Phase 1 project is estimated at \$1,122,000, inclusive of District labor, materials, and contingencies.

ATTACHMENT(S):

1. Site Map