



STAFF REPORT

Meeting Type: Board of Directors

Title: Capital Improvement Program – North Marin Line Stabilization Phase 1: Shafter Valve Relocation Project (D26022)

From: Alex Anaya, Director of Engineering

Through: Ben Horenstein, General Manager

Meeting Date: September 1, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a resolution authorizing award of Contract No. 2076, Capital Improvement Program – North Marin Line Stabilization Phase 1: Shafter Valve Relocation Project, to W.R. Forde and Associates in the amount of \$722,465 and authorizing the General Manager to execute any necessary amendments to Contract No. 2061, which do not exceed \$110,000

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.

DISCUSSION: This item was previously reviewed at the November 13th, 2025 Planning Committee, the December 16th, 2025 Board Meeting where the Board adopted a Supplemental Initial Study/Mitigated Negative Declaration and approved revisions to the North Marin Line Stabilization Project (Project), which was originally approved in 2016. Additional review of the Project was presented at the June 30, 2026 Planning Committee.

The North Marin Line Stabilization – Phase 1 Project is a component of the District’s Capital Improvement Program. 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, Phases 1 and 2, 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 the project, staff elected to design and construct the project in two phases. As this schedule change deviated from that reviewed in the Supplemental MND, staff prepared an addendum to the MND to determine whether this minor revision would require further review pursuant to the California Environmental Quality Act (CEQA). The addendum was prepared in compliance with CEQA Guidelines

Section 15164. The addendum concludes, consistent with CEQA Guidelines Section 15162, that no further CEQA review was required.

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.

Phase 1 and Phase 2 of the 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 work 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 2.

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

Street	Length (ft)	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

On August 18, 2026, the District opened two (2) bids, as shown in Table 2, for the North Marin Line Stabilization Phase 1: Shafter Valve Relocation Project. W.R. Forde and Associates, Inc. submitted the lowest responsive and responsible bid in the amount of \$722,465. The bid amount exceeded the engineer's estimate, particularly on the electrical equipment bid items. Staff has reviewed these bid amounts and has found the costs to be within reason. Staff has concluded that electrical labor hours were underestimated in the original engineer's estimate. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 2076 to W.R. Forde and Associates, Inc. in the amount of \$722,465 and authorizing the General Manager to execute any necessary amendments to Contract No. 2076, which do not exceed \$110,000.

Table 2. Bid Results for the North Marin Line Stabilization Phase 1: Shafter Valve Relocation Project

Bid Rank	Contractor Name	Bid Amount
1.	W.R. Forde and Associates, Inc.	\$722,465
2.	Piazza Construction	\$920,000

Engineer's Estimate: \$480,000

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

Budget:

Contract Award :	\$722,465
Contingency (10%):	\$110,000
Materials and Professional Fees:	\$336,000
District Labor/Inspection:	\$215,000
Total Budget:	\$1,383,465
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

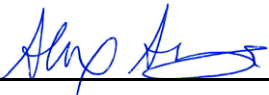
ENVIRONMENTAL REVIEW: The District previously adopted an Initial Study/Mitigated Negative Declaration (IS/MND) for the North Marin Line Stabilization Project in 2016 and a Supplemental IS/MND in December 2025. The Final and Supplemental IS/MNDs evaluated the potential environmental impacts associated with construction and operation of the Project and identified mitigation measures to reduce potentially significant environmental impacts to less-than-significant levels.

Since adoption of the Supplemental IS/MND (2025), the District has refined the construction sequencing and schedule to implement the Project in two phases. Pursuant to CEQA Guidelines Section 15164, an Addendum has been prepared to evaluate these modifications and determine whether further environmental review is required. The Addendum concludes that the modifications would not result in new significant environmental effects or a substantial increase in the severity of previously identified effects, and that no substantial changes in circumstances or new information of substantial importance have occurred that would require subsequent environmental review pursuant to CEQA Guidelines Section 15162. Accordingly, no further environmental review is required under CEQA.

FISCAL IMPACT: The total cost to complete the North Marin Line Stabilization Phase 1 project is estimated at \$1,383,465 inclusive of District labor, materials, and contingencies.

ATTACHMENT(S):

1. Proposed Resolution
2. Site Map
3. Addendum to the IS/MND

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	 Alex Anaya Engineering Director	 Ben Horenstein General Manager