



STAFF REPORT

Meeting Type: Planning Committee/Board of Directors
Title: Fire Flow Improvement Program – Hillside Avenue Pipeline Replacement Project (F26001)
From: Alex Anaya, Director of Engineering
Through: Shaun Horne for Ben Horenstein, General Manager
Meeting Date: September 22, 2026

TYPE OF ITEM: Approve X Review and Comment

RECOMMENDATION: Review and comment on the proposed Fire Flow Improvement Program - Hillside Avenue Pipeline Replacement Project

SUMMARY: The Fire Flow Improvement Program - Hillside Avenue Pipeline Replacement Project will install approximately 7,900 feet of new pipe along various streets in the Town of San Anselmo and the Town of Fairfax. On October 8, 2026, the District will open bids for the project. District staff will make a recommendation for consideration of contract award at a future regularly scheduled Board meeting.

DISCUSSION: The Hillside Avenue Pipeline Replacement Project (Project) is a component of the District's Fire Flow Improvement Program. This project will install approximately 7,900 feet of new pipe including 8-, 6- and 4-inch welded steel pipe and 6-inch polyvinyl chloride (PVC) pipe to replace leak prone fire flow deficient pipe installed as early as 1902 and improve fireflow and seismic resilience of the system.

The project will take place in the locations described in Table 1 and shown on the map provided in Attachment 1.

Table 1

STREET	LENGTH (ft)	INSTALLATION DATE	EXISTING SIZE AND TYPE*
Francis Ave	1000	1953	4" CI
Lansdale Ave	1950	1912	4" GTP
Alder Court	200	1920	2" GTP
Baywood Court	525	1965	4" and 6" CI
Forrest Ave	1050	1959	4" GTP and 6" CI
Glen Road	275	1965	6" CI
Hillcrest Court	825	1932	4" CI
Olive Ave	600	1908	4" GTP
Hillcrest Ave	275	1902	4" GTP

Hillside Ave	1200	1902	4" GTP
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*CI = Cast Iron, ** GTP = Galvanized Threaded Pipe

These street segments were evaluated for the installation of recycled water piping. The nearest recycled water pipeline is approximately 5.1 miles away, located on the intersection of San Pedro Road and Sequoia Road in the community of Los Ranchitos. The closest wastewater treatment plant, Central Marin Sanitary Agency, is located 4.8 miles away, however, this facility is not equipped to provide tertiary recycle water. In addition, installation of 7,900 feet of recycled water line along the route of this project would require installation of the recycled water line in a separate trench at an estimated cost equal to the total project budget below. This would require funding for the recycled water line to be paid for from the Capital Budget since funding from the Fire Flow Improvement Program does not include funding for recycled water expansion.

Summaries of the estimated Project costs and schedule are provided below.

Budget:

Engineer's Estimate:	\$ 4,150,000
Contingency (5%):	\$ 208,000
Materials:	\$ 790,000
District Labor/Inspection:	\$ 365,000
Total Budget:	\$ 5,513,000
Budget Category:	A2A

Estimated Project Implementation:

Project Advertisement:	September 24, 2026
Bid Opening:	October 8, 2026
Project Award:	November 4, 2026
Estimated Completion Date:	October 16, 2027
Duration:	346 days

District staff will make a recommendation for consideration of project approval and contract award of the Project at a future regularly scheduled Board meeting.

ENVIRONMENTAL REVIEW: The Director of Engineering has found that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15302(c), Replacement or Reconstruction. The Project qualifies for exemption pursuant to Section 15302(c) inasmuch as it is the replacement of existing water pipeline involving negligible or no expansion of capacity.

FISCAL IMPACT: The total cost to complete the Fire Flow Improvement Program - Hillside Ave Pipeline Replacement Project is estimated at \$5,513,000, inclusive of District Labor, materials and contingencies.

ATTACHMENT(S):

1. Site Map