



STAFF REPORT

Meeting Type: Operations Committee/Board of Directors
Title: Capital Improvement Program - 2024 Sir Francis Drake Boulevard Pipeline Replacement Project (D23009)
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: March 8, 2024

AA *BH*

TYPE OF ACTION: Action Information X Review and Refer

RECOMMENDATION: Review and refer to a future regularly scheduled Board meeting for contract award for the 2024 Sir Francis Drake Boulevard Pipeline Replacement Project

SUMMARY: The 2024 Sir Francis Drake Blvd Pipeline Replacement Project (Project) will install approximate 4,510 feet of new pipe to replace the old and leak prone pipe in the Town of San Anselmo. On March 26, 2024, the District will open construction bids for the project. District Staff will make a recommendation for contract award at a future regularly scheduled Board meeting.

DISCUSSION: The 2024 Sir Francis Drake Boulevard Pipeline Replacement Project is a component of the District’s Capital Improvement Program. This Project will replace 4,510 feet of 12, 10, 8, 6 and 4-inch pipe installed as early as 1924.

The District has been coordinating with the Town of San Anselmo and the Marin County Transit Authority regarding the project since January 2023. Sir Francis Drake Boulevard is a major road and the project limits will be within the frontage of Archie Williams High School as well as public transportation stops. To minimize impact to the public, the District and the Town of San Anselmo have agreed to start construction in June after the end of the school year during the summer break to reduce impact to the school. This will provide a construction window between June and August when most of the pipeline work will take place. Once the new school year begins, construction will be limited to select daytime hours to limit impact to morning and evening commute traffic. The project requires advanced traffic control plans which will be updated throughout the project as the pipeline installation advances. The District and the Town of San Anselmo will continue to work closely throughout the project and make any adjustments as necessary to help minimize impact to commuters.

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

**Table 1
Pipeline Replacement Locations**

STREET	LENGTH	INSTALLATION DATE	EXISTING SIZE & TYPE
Sir Francis Drake Blvd	3,980 ft	1923 & 1930	8" CIP and 10" CIP
Broadmoor Ave	270 ft	1924	8" CIP
Saunders Ave	260 ft	1965	8" CIP

* CIP = Cast Iron Pipe

These street segments were evaluated for the installation of recycled water piping. The nearest existing recycled water pipeline is approximately 5 miles away located in the intersection of San Pedro Rd and Sequoia Rd in the community of Los Ranchitos. The closest waste water treatment plant, Central Marin Sanitary Treatment Plant, is located approximately 4.9 miles away in Central Marin Sanitation Treatment Plant however their facilities are not equipped to provide tertiary recycled water.

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

Budget:

Engineer's Estimate:	\$2,260,000
Contingency (15%):	\$340,000
Materials:	\$375,000
District Labor/Inspection:	\$275,000
Total Budget:	\$3,250,000
Budget Category:	A1A02A

Project Implementation:

Project Advertisement:	March 7, 2024
Bid Opening:	March 21, 2024
Project Award:	April 2, 2024
Estimated Completion Date:	October 31, 2024
Duration:	212 days

ENVIRONMENTAL REVIEW: The Director of Engineering has determined that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15302(c), *Replacement or Reconstruction* and statutorily exempt under 21080.21 *Pipelines less than one mile*. The project qualifies for an exemption pursuant to Section 15302(c) inasmuch as it is the replacement of existing water pipelines involving negligible or no expansion of capacity and qualifies for a statutory exemption pursuant to Section 21080.21 since this pipeline replaces less than one mile of pipe within existing right of way.

FISCAL IMPACT: The total cost to complete the 2024 Sir Francis Drake Boulevard Pipeline Replacement Project is estimated at \$3,250,000, which has been identified in the CIP budget.

ATTACHMENT(S):

1. Site Map