





# STAFF REPORT

**Meeting Type:** Planning Committee  
**Title:** Capital Improvement Program – Canal Pipeline Replacement Project (GC25005)  
**From:** Alex Anaya, Director of Engineering   
**Through:** Ben Horenstein, General Manager  
**Meeting Date:** July 22, 2025 

**TYPE OF ITEM:** Approve      X      Review and Comment

**RECOMMENDATION:** Review and comment on the Capital Improvement Program – Canal Pipeline Replacement Project

**SUMMARY:** The Capital Improvement Program – Canal Pipeline Replacement Project will install approximately 3,800 feet of new pipe in the City of San Rafael. On July 29, 2025, 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 Canal Pipeline Replacement Project (Project) is a component of the District's Capital Improvement Program. This Project will install approximately 3,800 feet of new 12", 8", 6", and 4" welded steel pipe to replace asbestos-cement pipe and leak-prone plastic service laterals installed as early as 1951.

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	INSTALLATION DATE	EXISTING SIZE & TYPE*
Canal St	1300'	1967, 1971	4" ACP, 6" ACP, 8" ACP
Harbor St	550'	1951, 1967	4" ACP, 6" ACP
Larkspur St	660'	1964	6" ACP
Fairfax St	120'	1992	6" WSP, 8" WSP
Sonoma St	120'	1977	6" WSP, 12" WSP
Charlotte Dr	345'	1962	6" ACP
Elaine Way	345'	1962	6" ACP
Marian Ct	360'	1963	4", 6" ACP

\*ACP = Asbestos Cement Pipe, \*\*WSP = Welded Steel Pipe

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

**Budget:**

Engineer's Estimate:	\$ 2,100,000
Contingency (10%):	\$ 210,000
Materials:	\$ 380,000
District Labor/Inspection:	\$ 200,000
Total Budget:	\$ 2,890,000
Budget Category:	A1A02A

**Estimated Project Implementation:**

Project Advertisement:	July 15, 2025
Bid Opening:	July 29, 2025
Project Award:	August 19, 2025
Estimated Completion Date:	January 26, 2026
Duration:	160 days

District staff will make a recommendation for 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) Guideline Section 15302 (c), Replacement or Reconstruction, and statutorily exempt under Public Resources Code section 21080.21, Pipelines less than one mile. The Project qualifies for exempt pursuant to Section 15302 (c) inasmuch as it is the replacement of existing water pipeline involving negligible or no expansion of capacity and statutorily exempt pursuant to Public Resources Code section 21080.21 since the Project will replace less than one mile of pipe within the public right of way or street.

**FISCAL IMPACT:** The District was awarded a Bay Area Integrated Regional Water Management (IRWM) Proposition 1 Round 2 grant in the amount of \$6,408,000. The IRWM grant selected Marin City and San Rafael to receive funding for water resiliency projects. Canal Pipeline Replacement Project will be cost shared with grant funding from the IRWM and the District's Capital Program.

The total cost to complete the Canal Pipeline Replacement Project is estimated at \$2,890,000, inclusive of District Labor, materials, and contingencies.

**ATTACHMENT(S):**

1. Site Map