



STAFF REPORT

Meeting Type: Operations Committee/Board of Directors
Title: Capital Improvement Program – Granada Drive Pipeline Replacement Project (D23020)
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: March 8, 2024



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 Granada Drive Pipeline Replacement Project and approval of reimbursement agreement with the Town of Corte Madera

SUMMARY: The Granada Drive Pipeline Replacement Project (Project) will install approximately 10,230 feet of new pipe in the Town of Corte Madera in coordination with the Town’s street overlay project. On April 2, 2024, the District will open construction bids for the Project. District staff will make a recommendation for contract award along with approval of a reimbursement agreement with the Town of Corte Madera at a future regularly scheduled Board meeting.

DISCUSSION: The Granada Drive Pipeline Replacement Project is a component of the District’s Capital Improvement Program. This Project will install approximately 10,230 feet of new pipe to replace the old, leak prone cast iron piping installed as early as 1956. This pipeline project was accelerated in the capital program due to frequent main breaks within the neighborhood over the past few years. In addition, the Town of Corte Madera was in the process of executing a paving project for the summer of 2023 in the same neighborhood over the pipeline that has a high history of main breaks. District staff reached out to the Town of Corte Madera and it postponed its project and coordinated with staff to allow the District time to design the pipeline project.

The Project will be constructed in coordination with the Town of Corte Madera to minimize impact to the community. After discussion between staff and the Town of Corte Madera and for mutual benefit and avoiding having contractor coordination issues during separate pipeline and paving projects, the District proposed to install its pipeline project and perform paving operation. The pipeline road restoration requirements for this project require half road paving wherever new pipeline is installed. Therefore, the District will perform full width road resurfacing where the pipeline is installed and the Town of Corte Madera will reimburse the District for 50% of the repaving costs. For all other areas that

do not have any pipeline installation, the Town of Corte Madera will reimburse the District 100% of the road resurfacing and pavement marking costs. This approach will reduce pipeline road restoration requirements since the restoration requirement would have been full width paving if the Town of Corte Madera kept its paving schedule for 2023. Doing the pipeline and paving project combined will also minimize the impact to the community. The District and the Town of Corte Madera have agreed the pavement reimbursement fee will be paid at actual contract bid item amounts for the limits stipulated in a proposed reimbursement agreement between the District and the Town of Corte Madera. Staff will return with the final reimbursement agreement for Board approval along with contract award at a future regularly scheduled Board meeting.

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
Granada Drive	5,374 ft	1956	12" CIP & 8" CIP
El Camino Drive	1,427 ft	1956	6" CIP
Paloma Drive	859 ft	1956	6" CIP
Estrada Lane	168 ft	1956	4" CIP
Sonora Way	771 ft	1956	6" CIP
Vista Court	376 ft	1956	4" CIP
Endeavor Drive	1,255 ft	1962	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 7 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 4.5 miles away in Central Marin Sanitation Treatment Plant however their facilities are not equipped to provide tertiary recycled water.

Budget:

Engineer’s Estimate:	\$4,250,000
Contingency (10%):	\$425,000
Materials and Professional Fees:	\$1,000,000
District Labor/Inspection:	\$450,000
Total Budget:	\$6,125,000
Budget Category:	A1A02A

Project Implementation:

Project Advertisement:	March 12, 2024
Bid Opening:	April 2, 2024
Project Award:	April 16, 2024
Estimated Completion Date:	March 14, 2025
Duration:	332 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*. 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.

FISCAL IMPACT: The total cost to complete the Granada Drive Pipeline Replacement Project is estimated at \$6,125,000.

ATTACHMENT(S):

1. Granada Drive Pipeline Replacement Project Site Map