



DATE: March 9, 2021

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Annual Water Main/Service Line Replacement, Project 17-21 – Appropriate and Transfer Funds, Approve Plans and Specifications, and Authorize Bidding**

RECOMMENDATION

1. Appropriate and transfer the remaining balance of approximately \$2,625,000 from Miscellaneous Water Main/Service Line Replacement, Project 20-21, to Miscellaneous Water Main/Service Line Replacement, Project 17-21. (Five votes required)
2. Approve plans and specifications for Miscellaneous Water Main/Service Line Replacement, Project 17-21, and authorize staff to advertise the project for bids.
3. Authorize the City Manager to award a construction contract to the lowest responsible bidder if the low bid is within project budget.

BACKGROUND

The City annually funds a project to replace deteriorated or undersized water mains using a nondiscretionary annual Capital Improvement Program (CIP) project titled Miscellaneous Water Main/Service Line Replacement. Candidates for replacement are selected based on factors, including age, pipe material, history of breaks, and size. Multiple years of funding are sometimes combined to achieve the economy of scale and administrative efficiency of a larger project.

ANALYSIS

The Miscellaneous Water Main/Service Line Replacement, Project 17-21, includes the replacement of approximately 5,700 linear feet of water mains on Spring Street, Morgan Street, Morgan Court, Camp Avenue, Telford Avenue, and Rock Street (see Figure 1). The water mains in this area have deteriorated and were selected for replacement primarily due to a relatively high occurrence of main breaks. Because of its size, the

project requires two years of annual funding, and the recommended actions include combining the funding of two annual water main replacement projects.

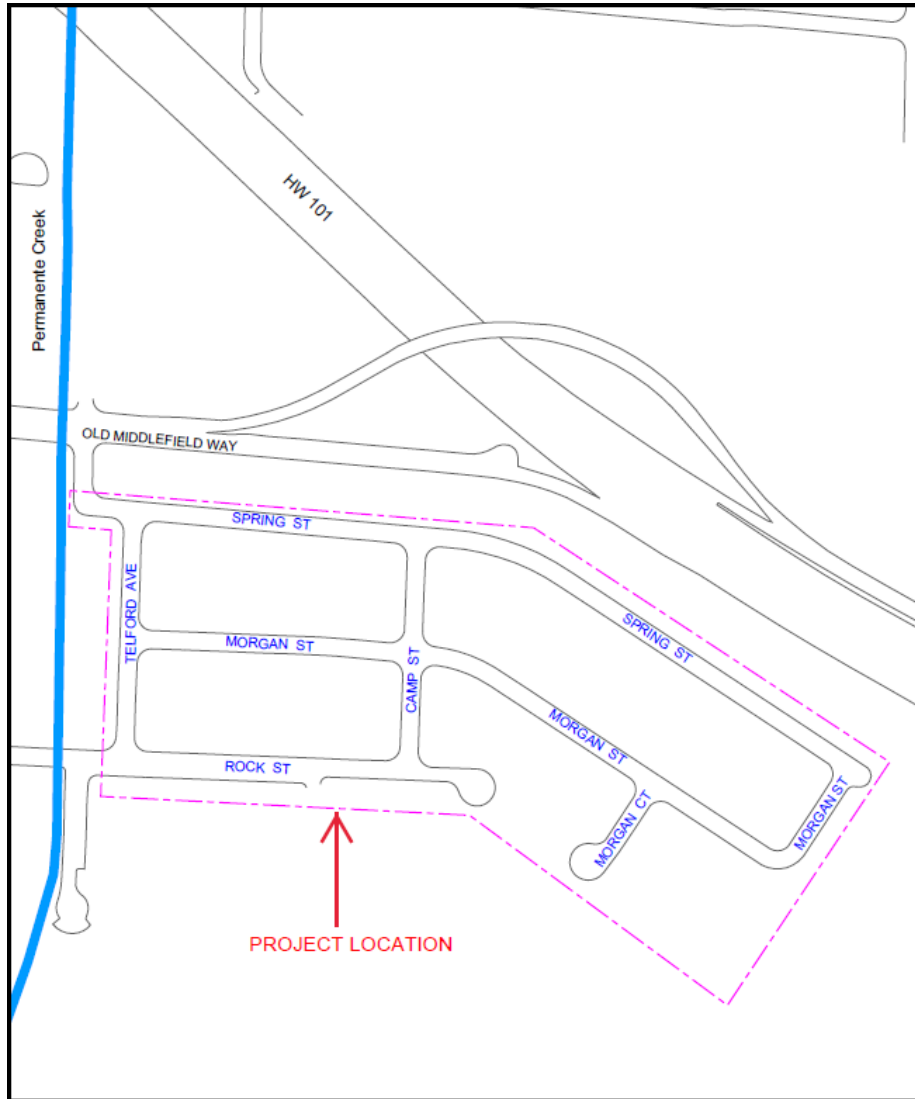


Figure 1: Location Map

The project scope also includes the replacement of a water service line to the 250 San Antonio Road property. During a recent inspection of the 250 San Antonio Road development project, staff discovered that the existing water service line within the public right-of-way does not meet current City standards. This water service line needs to be replaced by the City to avoid potential maintenance issues after occupancy of the 250 San Antonio property. Staff estimates the construction cost of this water service line

is less than \$100,000 and has added it to the project to save time and take advantage of economies of scale.

Plans and specifications for the project are complete and available for viewing in the Public Works Department.

Environmental Clearance

In accordance with the requirements of the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt as a replacement of existing public facilities involving negligible or no expansion of capacity at the same site.

Project Schedule

If Council approves the recommended actions and a responsive bid within the project budget is received, construction is anticipated to begin in summer 2021 and be completed by spring 2022. Advance public noticing will occur prior to and during construction.

FISCAL IMPACT

The Miscellaneous Water Main/Service Line Replacement, Project 17-21, is funded with \$2,324,000 from the Water and Water Capacity Fees Funds. The estimated project cost is as follows:

Construction	\$3,300,000
Construction Contingency	350,000
Construction Inspection and Testing	300,000
City Project Management	160,000
Consultant Services (rounded)	252,000
Miscellaneous	<u>30,000</u>
 Subtotal	 \$4,392,000
 City Administration	 <u>286,000</u>
 TOTAL PROJECT COST ESTIMATE	 \$4,678,000
 PROJECT BUDGET	 <u>2,324,000</u>
 BUDGET SHORTFALL	 \$2,354,000

Staff recommends transferring the remaining balance of approximately \$2,625,000 from Miscellaneous Water Main/Service Line Replacement, Project 20-21, to Miscellaneous Water Main/Service Line Replacement, Project 17-21, for a new balance of approximately \$4,949,000. If Council authorizes the transfer and appropriation of the remaining balance from Project 20-21, there would be sufficient funding for the project.

ALTERNATIVES

1. Do not approve the recommended actions and place the project on hold.
2. Direct staff to reduce scope of the project so that only one year of annual funding is required.
3. Provide other direction.

PUBLIC NOTICING

Agenda posting. Individual letters were sent to property owners near the project site and to property owners impacted by new fire hydrant locations.

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934-03-09-21CR
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