



DATE: March 20, 2018

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Villa Street Water and Sanitary Sewer Main Replacement, Projects 13-21A and 13-22A – Approve Plans and Specifications/Authorize Bidding**

RECOMMENDATION

1. Authorize the transfer and appropriation of \$280,000 from Miscellaneous Storm/Sanitary Sewer Main Replacement, Project 17-22, to Miscellaneous Storm/Sanitary Sewer Main Replacement, Project 13-22. (Five votes required)
2. Approve plans and specifications for Villa Street Water and Sewer Main Replacement, Projects No. 13-21A and 13-22A, and authorize staff to advertise the projects for bids.
3. Authorize the City Manager to award a construction contract to the lowest responsible bidder if the bid is within the project budget.

BACKGROUND

In 2015, the City replaced the existing sewer main along Villa Street between Castro Street and Hope Street as part of the Annual Water and Sewer Main Replacements, Projects 13-21 and 13-22. The sewer main was replaced by pipe bursting, a trenchless construction method. Pipe bursting was used in lieu of the traditional open-cut construction to reduce impacts to downtown traffic, businesses, and residents. However, there were sags in the pipe that were not known until after completion of pipe bursting. A sag in a sewer main is a sunken area that causes sewage blockage. Pipe bursting follows the existing pipe alignment and does not correct existing sags in the pipe. To correct these sags, three segments of the pipe will need to be replaced by open-cut construction.

ANALYSIS

Sags were identified along the existing sewer main in the following locations:

1. Intersection of Castro Street and Villa Street.
2. Midblock of Villa Street between Castro Street and Hope Street.
3. Intersection of Hope Street and Villa Street.

These pipe segments will be replaced by traditional trenching. A portion of the existing water main at the Castro Street/Villa Street intersection will also be replaced to meet the water and sewer main horizontal separation requirements. The water main segment was not replaced with the previous projects, but staff will take advantage of the time needed to close the intersection of Castro Street and Villa Street to perform this work.

Staff informed the Downtown Committee of this project during their March 6, 2018 meeting. Staff will provide updates and details to the Downtown Committee and the Old Mountain View Neighborhood Association and Central Business Association once the contract is awarded and a schedule worked out with the contractor.

The project plans and specifications have been completed, and the estimated project cost is as follows:

Construction	\$327,800
Construction Contingency (10%)	32,800
City Construction Management and Inspection	57,900
Printing and Other Miscellaneous	<u>2,000</u>
Subtotal	\$420,500
City Administration @ 6.5%	<u>27,500</u>
TOTAL PROJECT COST	<u>\$448,000</u>

If the recommended actions are approved and a responsive bid within the project budget is received, construction is anticipated to begin and be completed in summer 2018.

In accordance with the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt as repair and maintenance of existing facilities.

FISCAL IMPACT

The Annual Water Main Replacement, Project 13-21 has remaining funding of approximately \$168,000. The annual Sanitary Sewer Main Replacement, Project 13-22, currently has no available funding. It is proposed that \$280,000 be allocated for this project from the Annual Sanitary Sewer Main Replacement, Project 17-22, which has an approximate available balance of \$1,229,000. The remaining existing fund in Project 17-22 will be used for other improvements.

If the recommendations are approved, this project will be funded with \$168,000 from the Water Fund from Annual Water Main Replacement (CIP 13-21), and \$280,000 from the Wastewater Fund from Annual Sanitary Main Replacement (CIP 17-22) for a total project budget of \$448,000.

ALTERNATIVES

1. Defer construction.
2. Provide other direction.

PUBLIC NOTICING

Agenda posting. Individual letters were also sent to tenants and property owners near the project sites. An announcement will be posted on the City's website. Prior to construction activities, advance signage will be displayed and notification will be distributed by the contractor. Staff will also notify Mountain View Community Shuttle, VTA, Caltrain, and MVgo, a shuttle service organization for 10 major Mountain View private companies.

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TST/TS/2/CAM
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