



DATE: December 12, 2017

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Citywide Trash Capture Phase I,
Project 16-53 – Various Actions**

RECOMMENDATION

1. Appropriate and transfer \$200,000 from the C/C Tax Fund to the Citywide Trash Capture Phase I, Project 16-53. (Five votes required)
2. Award the construction contract to JMB Construction, Inc. of South San Francisco for the Citywide Trash Capture Phase I, Project 16-53, in the amount of \$1,377,020.
3. Authorize the City Manager to amend the professional services agreement with Schaaf and Wheeler for the Citywide Trash Capture Phase I, Project 16-53, in the amount of \$10,570, for a total contract not-to-exceed amount of \$313,000.

BACKGROUND

The San Francisco Regional Water Quality Control Board (RWQCB) Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit requires the City and other permittees to reduce trash load from stormwater systems by 100 percent by 2022.

The Citywide Trash Capture Phase I, Project 16-53, includes a trash capture device in the Intuit-occupied office park (between 2500 and 2675 Coast Avenue) just west of Shoreline Lake in the northwestern part of the City and just south of the Coast Casey Forebay, a City-owned stormwater detention basin (see Exhibits 1 and 2, below).

Exhibit 1 – Project Location Map

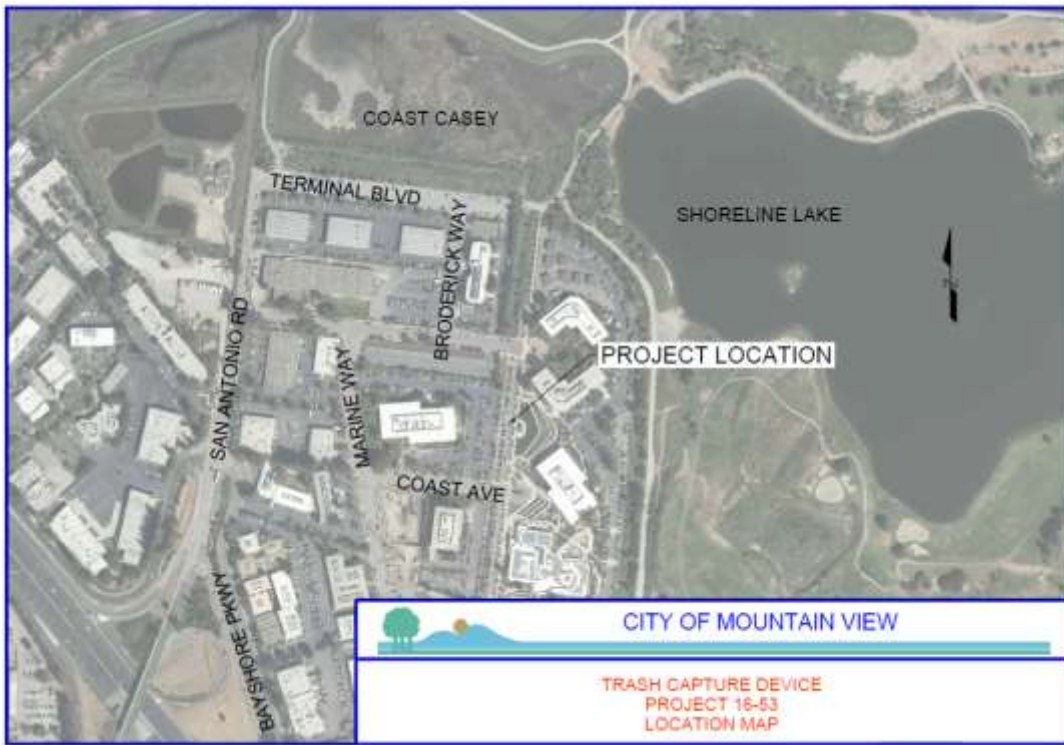
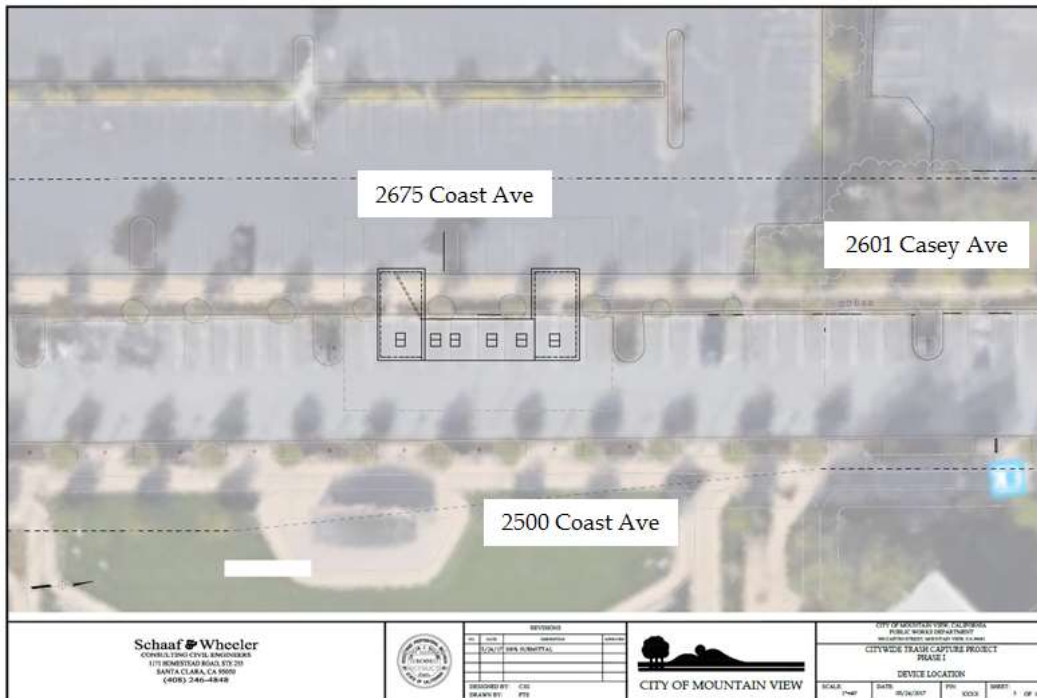


Exhibit 2 – Trash Capture Device to be located between 2500 and 2675 Coast Avenue



The trash capture device, known as a Nutrient Separating Baffle Box, is a screening system that consists of three chambers and will be installed underground, parallel to the existing arch culvert. The installation of the device will result in approximately 17 percent of the City's progress toward its trash reduction goals.

On June 27, 2017 Council approved plans and specifications, amended the professional services agreement, and authorized bidding of the project.

ANALYSIS

Bid Results

On November 15, 2017, staff received two bids (\$1,377,020 from JMB Construction, Inc. and \$1,698,815 from McGuire and Hester). The low bid is 5.9 percent above the engineer's estimate of \$1,300,000. Staff considers it unlikely that rebidding the project would result in better prices and recommends awarding the construction contract.

Trash Booms

With the installation of the recommended trash capture device, the City's total trash capture reduction rate is estimated to be 90 percent, compared with a regulatory requirement of 100 percent by 2022. To get closer to the 2022 goal, staff recommends adding funding to the current project for installation of trash booms on Stevens and Permanente Creeks. Trash booms are floatation structures used to collect floating debris, and will qualify for additional trash load reduction. The estimated cost of the trash booms is \$55,000.

Amend Professional Services Contract

Staff recommends amending the contract with Schaaf and Wheeler for additional services necessary to complete this project. These services include extra coordination with the property owner and Intuit at the Coast Casey site, addressing requests for information during the construction phase, and completing the design documents for the proposed trash booms. The amendment includes a recommended increase in compensation of \$10,570 to the existing \$302,430 contract for a total compensation of \$313,000.

With the low bid and the addition of trash booms, the estimated project cost is as follows:

Construction (including contingency)	\$1,377,020
AT&T Line Relocation	\$125,000
Trash Boom Installation at Stevens Creek and Permanente Creek	\$55,000
Consultant Services	\$313,000
City Project Management	\$53,080
Construction Inspection and Testing	\$110,000
Miscellaneous	<u>\$32,000</u>
Subtotal	\$2,065,100
City Administration @ 6.5%	\$134,900
TOTAL ESTIMATED COST	\$2,200,000
CURRENT BUDGET	\$2,000,000
<u>BUDGET SHORTFALL</u>	<u>\$ 200,000</u>

This estimated project cost also includes increased funding for construction management and inspection, as staff expects the contractor to work during off-hours to complete the work prior to scheduled events at the Intuit campus.

FISCAL IMPACT

The Citywide Trash Capture Phase I, Project 16-53, is funded with \$2.0 million from Wastewater Funds. Staff recommends appropriating an additional \$200,000 from the C/C Tax Fund to meet the funding shortfall. The available balance in the C/C Tax Fund is sufficient to fund the additional funding request.

CONCLUSION

For a number of years, local agencies have been striving to meet the increasingly stringent trash capture requirements from the RWQCB. The recommended actions would award the construction contract for the largest such device planned in the City, and would provide funding for additional equipment (trash booms) that will get the City very close to the goal of 100 percent trash capture.

ALTERNATIVES

1. Direct staff to reject all bids, reduce scope of work on the project to meet the current project budget, rebid the project, and authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.
2. Do not proceed with the project at this time.
3. Provide other direction.

PUBLIC NOTICING – Agenda posting.

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MG/TS/4/CAM
911-12-12-17-CR-E

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