



County of San Mateo

Inter-Departmental Correspondence

Department: PUBLIC WORKS

File #: 19-1159

Board Meeting Date: 12/3/2019

Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: James C. Porter, Director of Public Works

Subject: Increase the Not-to-Exceed Amount for the Reconstruction and Cape Seal of Madrid Avenue, Sevilla Avenue, and Sonora Avenue Project in the El Granada Area, [County Project No. RW803, Project File No. E4987000]

RECOMMENDATION:

Adopt a resolution increasing the Director of Public Works' authority to execute change orders to the agreement with Granite Rock Company, to increase the not-to-exceed amount of \$753,705 by an additional \$50,000, to a new not-to-exceed amount of \$803,705, for payment of unanticipated project costs related to the Reconstruction and Cape Seal of Madrid Avenue, Sevilla Avenue, and Sonora Avenue Project.

BACKGROUND:

On January 23, 2018 and March 26, 2019, your Board adopted Resolution Nos. 075689 and 076510, which "streamlined" the bid process for projects to be constructed during the 2018 and 2019 construction seasons, respectively.

On July 9, 2019, your Board adopted Resolution No. 076802, which adopted plans and specifications and authorized execution of a construction contract for the Reconstruction and Cape Seal of Madrid Avenue, Sevilla Avenue, and Sonora Avenue Project with Granite Rock Company, with a not-to-exceed amount of \$753,705, based on the contractor's bid amount of \$685,186 and authorized the Director of Public Works to execute contract change orders in an amount not to exceed \$68,519 in aggregate.

DISCUSSION:

Unanticipated differing site conditions during construction have led to a determination that the original not-to-exceed amount will not be sufficient to complete the Reconstruction and Cape Seal of Madrid Avenue, Sevilla Avenue, and Sonora Avenue Project. During construction, several unidentified underground utility lines have been discovered under the roadway surface at a shallow depth which necessitated changing the Project's proposed road rehabilitation design. The original project scope consisted of mixing and treating the existing subgrade of the road base with cement and placing a

cape seal on the finished surface. Due to the shallow unforeseen utility lines, the operation of treating the subgrade of the road with cement became no longer viable. As a result, the Project's road rehabilitation strategy has been modified to grinding the road surface down a few inches and placing back an asphalt concrete resurfacing with a pavement reinforcing grid to avoid the shallow unforeseen utility lines. Based on Granite Rock Company's estimated cost proposal to perform the alternate road rehabilitation treatment, the contract not-to-exceed amount will need to be increased by \$50,000.

The Department recommends that your Board approve the recommended contract increase amount to facilitate completion of the project. Construction issues, conflicts, or opportunities to improve projects often arise during construction. The Department is currently re-evaluating the process used to verify underground utilities prior to advertising to reduce the possibility of encountering shallow utilities in the future.

County Counsel has reviewed and approved the Resolution as to form.

FISCAL IMPACT:

The new not-to-exceed amount of the Granite Rock Company contract is \$803,705. The recommended increase of the Reconstruction and Cape Seal of Madrid Avenue, Sevilla Avenue, and Sonora Avenue Project contract by \$50,000 will allow for payment to the Contractor for the above-described expenditures and potential unforeseen conflicts during construction. The additional \$50,000 will be financed with Senate Bill 1 Road Maintenance and Rehabilitation Account funds (SB1).

There is no impact to the General Fund.