

# COUNTY OF SAN MATEO

23

## Inter-Departmental Correspondence

**Date:** January 24, 2001

**Board Meeting Date:** February 6, 2001

**TO:** Honorable Board of Supervisors

**FROM:** Neil R. Cullen, Director of Public Works

**SUBJECT:** **Increase in Contract Authorization - Reconstruction of Sterling Avenue, a Portion of Camino A Los Cerros and a Portion of Buena Vista Avenue - West Menlo Park and Redwood City Area**

### RECOMMENDATION

Adopt a resolution authorizing an increase of \$46,154 in the "Not-To-Exceed" payment limit for contract costs for the Reconstruction Project as described above

### Previous Board Action

Awarded a contract for the Reconstruction of Sterling Avenue, Camino A Los Cerros and Buena Vista Avenue to Granite Rock, Pavex Construction Division, on July 25, 2000

### Key Facts

- 1 The original contract had a Not-to-Exceed limit of \$534,000 (\$486,254 low bid plus \$47,746 in contingencies), which normally would cover all contract costs including differences in final contract quantities as compared to estimated quantities, and any extra work usually associated with reconstructing roads adjacent to existing improvements
- 2 We believe the "Not-to-Exceed" limit will be exceeded as a result of our having to do extra work due to work necessitated by unsuitable material found during subgrade preparation on Sterling Avenue but not identified by our soils investigations; removal of abandoned driveway pipes that were previously covered over, lowering of sewer laterals which conflicted with the construction. removal of a concrete cap on a shallow drain pipe to facilitate reconstruction of the storm drain, and additional driveway work necessitated to conform steep driveways.

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**Discussion**

We are anticipating extra work costs for the project to increase the total project costs by an additional \$46,154 over the contract "Not-to-Exceed" amount, primarily as a result of the following

A The Contractor encountered

1. Unsuitable subgrade material under the existing roadway at various locations on Sterling Avenue -- Sterling Avenue below the Alameda de las Pulgas has a sag or low point. The material under some portions of the existing road in this area consisted of fine silts and clays with a high moisture content that was unable to support the new roadway structural section. It was necessary to excavate this unsuitable material in order to stabilize the subgrade and the area was backfilled with asphalt concrete. This work is estimated at \$40,000 and includes the additional excavation, asphalt concrete and additional base rock under some of the valley gutters in this area.
2. Various abandoned underdrain driveway pipes along Sterling Avenue that were not apparent prior to construction - Removal of these pipes was necessary to accommodate the grading required by the project. The cost of this work is estimated to be \$5,200.
3. Shallow sanitary sewer lines maintained by West Bay Sanitary Sewer District (West Bay) - Numerous laterals interfered with the roadwork. Conflicting laterals have been lowered and capped with concrete at the request of West Bay. The total cost of lowering and placing concrete caps on conflicting sewer laterals is approximately \$13,700, which will be reimbursed to the County by West Bay, upon completion of the project.
4. A concrete cap over an existing 18-inch storm drain line - it was necessary to remove the concrete cap that was not shown on any existing plans in order to excavate and remove the 18-inch storm, which was being lowered to provide better drainage for the project. The cost of this work is estimated to be \$10,000.

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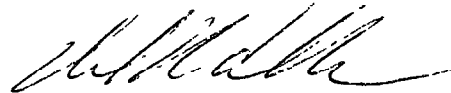
- B We also anticipate additional miscellaneous roadway shoulder and driveway work beyond the original plans in order to provide adequate ingress and egress for some of the steeper driveways. We use a minimum standard width for shoulder conforms, but we have found that some of the conform work has to extend farther back as some property owners have vehicles that have minimal clearances and which "bottom out" if the driveways are too steep. The cost of this work is estimated at \$25,000.

**Fiscal Impact**

The total estimated extra work will require an increase in the original 'Not-to-Exceed' amount from \$534,000 to \$580,154. The actual costs will be based on final quantities of work for the project and on executed contract change orders.

Sufficient funds are available in the Road Fund to cover the additional cost. The costs associated for work done on behalf of the West Bay Sanitary District will be reimbursed by the District to the Road Fund. There is no impact to the General Fund.

A form of Resolution has been approved by County Counsel.



Neil R. Cullen  
Director of Public Works

NRC:RC sdd

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**File No.: F-36 (324)**

cc: Milt Mares, County Counsel

Resolution No. \_\_\_\_\_

Board of Supervisors, County of San Mateo, State of California

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**Resolution Authorizing an Increase in Aggregate Payments to the Contractor  
for Reconstruction of Sterling Avenue, a Portion of Camino A Los Cerros and  
a Portion of Buena Vista Avenue in West Menlo Park and Sequoia Tract Area  
(Project No. R3A03, F-36[324])**

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**RESOLVED**, by the Board of Supervisors of the County of San Mateo, State of California, that

**WHEREAS**, this Board of Supervisors did, on July 25, 2000, adopt Resolution No 63823, for the award and authorized execution of a contract with Granite Rock, Pavex Construction Division, for the Reconstruction of Sterling Avenue and a portion of Camino A Los Cerros in the West Menlo Park area, and of a portion of Buena Vista Avenue in the Sequoia Tract Area; and

**WHEREAS**, the County did enter into an Agreement with Granite Rock, Pavex Construction Division, as authorized by said Resolution, and

**WHEREAS**, the Agreement provides that aggregate payments to Granite Rock, Pavex Construction Division, shall not exceed \$534,000 without this Board's approval, and

**WHEREAS**, it is anticipated that the changes in the project will increase the overall contract cost to an amount greater than was originally authorized by this Board, and

**WHEREAS**, the Director of Public Works had recommended that the "Not-to-Exceed" figure as originally approved by this Board be increased to provide for unanticipated work, and

**WHEREAS**, this Board has considered the recommendation of the Director of Public Works;

**NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** as follows.

1. The Agreement is hereby amended to provide that aggregate payments to Granite Rock, Pavex Construction Division, for said work shall not exceed the sum of Five Hundred Eighty Thousand One Hundred and Fifty-Four Dollars (\$580,154) without this Board's approval.

2. That, with exception of modification as herein provided, the Agreement with Granite Rock, Pavex Construction Division, entered into on July 25, 2000 shall remain unchanged

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