



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Public Works



Date: April 28, 2014
Board Meeting Date: June 3, 2014
Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: James C. Porter, Director of Public Works

Subject: Road Improvements on Portions of Del Mar, Madrone and San Ramon
Avenues in the Seal Cove/Moss Beach Area
[County Project No. P23G1; Project File No. E4903000]

RECOMMENDATION:

Adopt a Resolution:

- A) Adopting plans and specifications, including conformance with prevailing wage scale requirements, for roads improvements on portions of Del Mar, Madrone and San Ramon Avenues in the Seal Cove/Moss Beach area; and
- B) Authorizing the Director of Public Works to call for sealed proposals to be received by Tuesday, June 24, 2014 at 2:30 p.m., in the office of the County Manager/Clerk of the Board of Supervisors.

BACKGROUND:

Seal Cove is a residential subdivision in the Moss Beach area with limited north-south access to and from the neighborhood. Vehicular access is no longer available on Ocean Boulevard between Los Banos Avenue and San Lucas Avenue as this section of Ocean Boulevard is closed due to coastal erosion and landslide activity. Furthermore, additional portions of Ocean Boulevard to the south may at some point in the future need to be closed as coastal erosion continues over time.

A Coastal Development Permit was approved and an Initial Study/Mitigated Negative Declaration was certified for the proposed Project by the County of San Mateo Planning Commission on April 23, 2014.

DISCUSSION:

The project consists of improving approximately 1,500 linear feet of existing dirt (non-County maintained roads) by constructing 16-foot wide asphalt roads with structural

sections and storm water runoff mitigation facilities constructed on either side of the roads. The project involves the following road segments: Del Mar Avenue from Madrone Avenue to Bernal Avenue; Madrone Avenue from Decota Avenue to Del Mar Avenue; and San Ramon Avenue from San Lucas Avenue to Bernal Avenue. A map of the existing County maintained roads in the Seal Cove area and the road segments to be improved as part of this project is attached. The project will improve access to and within the Seal Cove area, improve emergency vehicle access particularly during wet weather conditions when the current dirt roads become muddy, and provide access routes that can continue to be used if additional portions of Ocean Boulevard are threatened or must be closed.

The Department originally estimated the cost of the project to be approximately \$400,000 based on the length, width, anticipated shoulder treatments, typical construction costs for road projects, and level of effort required to prepare the plans and specifications. Funding in this amount was appropriated from the General Fund and was included in the recommended FY 2012-13 Capital Improvement Program for design and construction of the project. Because these roads are not currently part of the County maintained road system, the Road Fund cannot support the proposed work. After the roads are improved, we anticipate they will become part of the County maintained road system.

The current estimated total project cost is significantly greater than the original estimate, most notably due to the level of effort required for the environmental process and requirements of the Municipal Regional Stormwater Permit (MRP) for Low Impact Development (LID). The project required an Initial Study/Negative Declaration and a Coastal Development Permit, which required more work and expense than a typical road improvement project on an existing asphalt road. Additionally, the proposed project included narrow (one foot wide) drainage swales on each side of the roads. However, to comply with the MRP for stormwater treatment/retention and based on the impermeable soil properties within the project limits, the swales must be wider than originally contemplated and will range from 3.5 feet to 5.6 feet wide. Additionally, due to the impracticality of constructing swales as wide as would be required on Madrone Avenue to comply with the MRP, LID work must be completed at an in-lieu location along Carlos Street in Montara. The road project is also within the James V. Fitzgerald Area of Special Biological Significance watershed, which influenced the way in which stormwater runoff could be handled. The approved environmental documents require biological monitoring and archaeological monitoring during project construction, which was not considered in the original estimate.

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

Approval of this action will contribute to the Shared Vision 2025 outcome of a Livable Community by improving neighborhood roads for use by the traveling public to support livable connected communities.

FISCAL IMPACT:

The Department has expended approximately \$280,000 to date to complete the environmental process and project design. The current construction estimate is \$400,000 and approximately \$100,000 is the estimated cost for construction inspection, biological monitors, and archeological monitors (during excavation activities). The estimated total project cost is \$780,000, which will be more accurately estimated once bids for the project are received.

The total estimated cost of the project is proposed to be financed as follows:

General Fund	\$400,000
Measure A Transportation Funds	\$368,000
Montara Water and Sanitary District*	<u>\$12,000</u>
Total Estimated Cost	\$780,000

*The Director of Public Works is authorized to enter into agreements with special districts and utility companies for work less than \$50,000 proposed to be done in conjunction with County road projects.

Reimbursement for the cost of doing work for the Montara Water and Sanitary District will be covered by an agreement executed by the Director as authorized by your Board.

Attachment A: Seal Cove Road Improvements on Del Mar Avenue, Madrone Avenue and San Ramon Avenue Location Map

