



**COUNTY OF SAN MATEO**  
Inter-Departmental Correspondence  
Public Works



**Date:** May 14, 2014  
**Board Meeting Date:** June 17, 2014  
**Special Notice / Hearing:** None  
**Vote Required:** Majority

**To:** Honorable Board of Supervisors

**From:** James C. Porter, Director of Public Works

**Subject:** Green Street Improvement Project on Carlos Street between Etheldore Street and California Avenue in the Moss Beach Area (County Project No. OM021, Project File No. 1/4924)

**RECOMMENDATION:**

Adopt a Resolution:

- A) Adopting plans and specifications, including conformance with prevailing wage scale and Labor Compliance Program requirements, for the Green Street Improvement Project on Carlos Street between Etheldore Street and California Avenue in the Moss Beach Area; and
- B) Authorizing the Director of Public Works to call for sealed proposals to be received by Thursday, July 10, 2014 at 2:30 p.m., in the office of the County Manager/Clerk of the Board of Supervisors.

**BACKGROUND:**

On May 24, 2011, your Board adopted Resolution No. 071429, authorizing execution of Grant Agreement No. 10-402-550 with the State Water Resources Control Board (SWRCB) in the amount of \$2.3 million for the James V. Fitzgerald ASBS Pollution Reduction Program (Fitzgerald Program). The Fitzgerald Program involves implementation of targeted stormwater Best Management Practices (BMPs), water quality studies, BMP effectiveness monitoring, education and outreach and is scheduled to continue through March 2015. The goal of the Fitzgerald Program is to improve water quality, protect biological resources of the James V. Fitzgerald Area of Special Biological Significance (Fitzgerald ASBS), and to assist the County's efforts in complying with ASBS stormwater regulations.

On September 10, 2013, your Board adopted Resolution No. 072798, authorizing the Director of Public Works to implement the adopted Labor Compliance Program as

required by the provisions of the California Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Proposition 84).

On May 28, 2014, the San Mateo County Planning Commission approved a Coastal Development Permit for construction of the Green Street Improvement Project on Carlos Street between Etheldore Street and California Avenue (Project).

#### **DISCUSSION:**

The County has been working to meet the SWRCB's provisions for stormwater discharges to the Fitzgerald ASBS and as such, developed the Fitzgerald Program. The first phase of the Fitzgerald Program, implemented in 2011 and 2012, was a pilot effort to install and test the effectiveness of several types of stormwater BMPs, including vegetated swales. The water quality monitoring results indicated that the two types of vegetated swales were effective in removing target pollutants (copper, lead, nickel, zinc, suspended sediment, etc.) from stormwater runoff before it was discharged to the ocean. One of the two tested BMP swale designs included a mixed palette of native plants, biofiltration soils, and an under drain system.

The proposed Project is part of the second phase of the Fitzgerald Program and involves similar stormwater treatment techniques to those that were tested and proven to be effective during the pilot phase. These techniques include the construction of bioretention areas (vegetated swales), which drain stormwater through biofiltration soils into an under drain system before the stormwater is discharged to the existing storm drain system. Bioretention areas and under drain systems are green street and low impact development design measures that can minimize the amount of stormwater pollutants that are discharged to storm drain systems or water bodies. The Project consists of the removal and replacement of existing curb, gutter, and asphalt concrete, striping of parking stalls, installation of bioretention areas for stormwater treatment, installation of educational signs regarding water quality improvement features, and landscaping. The plans and specifications for the work have been prepared, and staff is recommending that your Board authorize calling for bids for the proposed work.

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

Approval of this action will contribute to the Shared Vision 2025 outcome of an Environmentally Conscious Community by enabling the Department to continue implementation of the Fitzgerald Program to promote environmental stewardship and protect beneficial uses and biological resources of the Fitzgerald ASBS.

#### **FISCAL IMPACT:**

The estimated construction cost of \$193,000 is proposed to be financed as follows:

Proposition 84 Clean Beaches Program Grant	\$125,000
Road Fund	<u>\$ 68,000</u>
Total Estimated Cost	\$193,000

There is no impact to the General Fund.