



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Department of Public Works



DATE: May 20, 2010
BOARD MEETING DATE: June 8, 2010
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority

TO: Honorable Board of Supervisors

FROM: James C. Porter, Director of Public Works

SUBJECT: **Road Oil and Slurry Seal Application in Conjunction with the County's 2010 Chip and Slurry Seal Road Maintenance Project (Project No. RN811)**

RECOMMENDATION:

Adopt a resolution:

1. Approving the revision of the 2007-08 Proposition 1B Transportation Bond work plan to add the slurry seal treatment of Kings Mountain Road.
2. Adopting plans and specifications, including conformance with prevailing wage scale requirements for the road oil and slurry seal application in conjunction with the County's 2010 chip and slurry seal road maintenance project; and
3. Authorizing the publication of a Notice to Contractors twice in a weekly local newspaper of general circulation published in the County; and
4. Authorizing the Director of Public Works to call for sealed proposals to be received by Tuesday, June 29, 2010 at 2:30 p.m., in the office of the Clerk of the Board of Supervisors.

BACKGROUND:

On December 15, 2009, your Board adopted Resolution No. 070583, which approved an updated work plan for spending Proposition 1B Transportation (Prop 1B) funds allocated in FY 2007-08. The work plan includes the chip sealing of approximately 25 miles of roadway.

DISCUSSION:

A chip seal involves an application of asphaltic emulsion (road oil), immediately followed by an application of small rocks called "chips" to the roadway surface. Kings Mountain Road from Skyline Boulevard to the County/Town of Woodside limit is included in the work plan to receive a chip seal. The Department is proposing a slurry seal application –

a mixture of asphaltic emulsion and sand sized aggregate – to be applied to the chip seal on Kings Mountain Road to provide a smoother roadway surface due to the bicycle usage on this roadway. The Department is recommending that the Board approve this modification to the work plan.

The project involves the placement of road oil with contract forces followed by the placement of chips with internal forces. Contract forces would also be utilized for the application of the slurry seal on Kings Mountain Road. County forces do not have the equipment and expertise required for the placement of road oils or slurry seals, but have successfully coordinated the placement of road oils with contract forces and the placement of chips with County forces.

Chip and cape seals (chip seal with a subsequent application of a slurry seal) are integral and cost effective treatments utilized by the County to maintain roadways and extend their useful life. The plans and specifications for the contract work have now been prepared, and staff is recommending that your Board authorize calling for bids for the proposed work. A list of streets included in this project is shown on Exhibit "A".

The allocation of Prop 1B funds to be used for this project must be spent by June 30, 2011.

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 maintaining our roads for use by the traveling public to support livable connected communities.

FISCAL IMPACT:

The estimated cost for the provision and application of road oil and slurry seal is \$405,000 and the estimated cost of the work to be performed with County forces is \$150,000. The total cost of the project is \$555,000 and is proposed to be financed by Prop 1B Funds.

There is no impact to the General Fund.

Attachment: Exhibit "A" – List of Streets for the County's 2010 Chip and Slurry Seal Road Maintenance Project