



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

Department Name: Public Works  
Department No.: 054  
For Agenda Of: April 19, 2011  
Placement: Administrative  
Estimated Tme: N/A  
Continued Item: No  
If Yes, date from:  
Vote Required: Majority

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**TO:** Board of Supervisors

**FROM:** Department Director Scott D. McGolpin, Public Works Department, 568-3010  
Contact Info: Dacé B. Morgan, Deputy Director, Transportation, 568-3064

**SUBJECT:** Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing, County Project No. 820621

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**County Counsel Concurrence**

As to form: Yes

**Auditor-Controller Concurrence**

As to form: Yes

**Other Concurrence:** Risk Management

As to form: Yes

**Recommended Actions:**

That the Board of Supervisors:

- A. Approve plans and specifications for Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621;
- B. Award the construction contract in the amount of \$3,218,326.50 to the lowest responsible bidder, Windsor Fuel Company, Inc (not a Local Vendor), P.O. Box 1029 Pittsburg, CA 94565-1029 subject to the provision of documents and certifications, as set forth in the plans and specifications applicable to the project, as required under California Law;
- C. Approve and Authorize the Chair to execute the construction contract, upon return of the Contractor's executed contract documents, and the review and approval of the County Counsel, Auditor-Controller and Risk Manager or their authorized representatives; and
- D. Approve contingency funds of \$173,416.33 for Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621.

**Summary Text:**

On Tuesday, March 15, 2011, four (4) bids were opened for Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621. Windsor Fuel Company, a California Corporation submitted the lowest responsible bid in the amount of \$3,218,326.50, which is 18% above the Engineer’s Estimate. The higher bid price can be attributed directly to the recent spike in oil prices. The California Paving Asphalt Price Index was at 477 in January 2011 and currently at 586 on bid opening.

The Department has performed an analysis of the bids received and has determined that the low bid is responsive and responsible. Public Works recommends awarding this contract to Windsor Fuel Company, Inc.

This scrub seal and micro-surfacing project is one strategy the Department employs in its annual Pavement Preservation Program. Scrub seals begin with application of polymer modified asphaltic rejuvenating emulsion to the existing road (see photo). Then a broom is pulled across the emulsion filling cracks and voids. Next, aggregate is spread on the emulsion and rolled by pneumatic tire compactors. The following day micro-surfacing is placed on top of scrub seal. Micro-surfacing is a mixture of polymer modified asphalt emulsion, mineral aggregate and filler. It provides a smooth riding surface.

Approximately 57 lane miles of County maintained roads will be resurfaced with the construction of this project. This project was bid in accordance with the Public Contract Code, which requires the award to the lowest responsible bidder.



*Typical scrub seal operation on a rural road*

**Background:**

Locations for Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing were approved by the Board in the FY 2010/11 Road Maintenance Annual Plan (RdMap) on June 15, 2010 and are attached for your information.

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
State: Proposition 1B	\$ 1,100,500.00		\$ 1,100,500.00
State: Proposition 42	\$ 1,100,364.00		\$ 1,100,364.00
State: Gas Tax	\$ 550,181.00		\$ 550,181.00
Other: Haul Route	\$ 252,593.00		\$ 252,593.00
Other: Measure D	\$ 388,104.80		\$ 388,104.80
<b>Total</b>		\$ -	\$ 3,391,742.80

**Narrative:**

The total construction costs, including contingencies, amounts to \$3,391,742.80. These costs will be paid for by a combination of state and local funds as shown in the table above.

Funds for this project are budgeted in Fund 0016, Org Unit 0500, Program 2710, Department 054 and Account 7510.

**Staffing Impacts:**

**Legal Positions:**  
None

**FTEs:**  
None

**Special Instructions:**

Please forward a certified, stamped copy of the Minute Order approving these recommendations to Beverly Cross in the Public Works Department, Roads and Engineering Division at 123 E. Anapamu Street.

**Attachments:**

A) Street List for the Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621

B) Contract for the Construction of 2010-11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621

**Authored by:**

Jonathan P. Fernandez, Project Manager, 805-739-8770