



Legislation Text

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Staff Report for a Resolution Approving the Plans and Specifications and Calling for Bids for the Asphalt Rubber Street Sealing 2012-13 Project, Project No. 2013.0071

SUMMARY AND RECOMMENDATIONS

This project provides for the application of preventative maintenance treatments on various streets in San Leandro. The project will construct work in the 2012 and 2013 Asphalt Maintenance Areas.

Staff recommends approval of the plans and specifications and calling for bids for the subject project.

BACKGROUND

City staff conducts an annual pavement condition survey using our Pavement Maintenance System to establish the condition of City streets. Based on this survey, City streets are recommended for one of three maintenance treatments: reconstruction; overlay; or sealing. This project will conduct sealing treatment. Sealing is the recommended treatment for streets in fairly good condition to rejuvenate and prolong the life of the pavement. Sealing treatments to be used may include: slurry seal; microsurfacing; scrub seal; and asphalt rubber cape seal.

The City is divided into four Asphalt Maintenance Areas, which allows Engineering and Transportation and Public Works Services staff to coordinate their activities to ensure an efficient use of resources to maintain City streets. The streets scheduled for this project are in the 2012 and 2013 Asphalt Maintenance Areas (see attached map).

Annual street sealing projects typically concentrate work in one Asphalt Maintenance Area, but the subject project is a combination of work from fiscal years 2011-12 and 2012-13. The two years are being combined into one project because the bids received for the Asphalt Rubber Street Sealing 2011-12 project were too high and were rejected by the City Council.

All street segments associated with this project are scheduled to receive an application of asphalt rubber chip seal in combination with other street sealing treatments. Asphalt rubber cape seal is a specialty item that is performed by few contractors in the area. To maximize the number of potential bidders on the slurry and scrub seal work, the asphalt rubber cape seal work will be bid separately.

Analysis

Based on information obtained from the pavement condition survey and discussions between Engineering and Transportation and Public Works Services Street Maintenance staff, the streets listed below were selected for treatment. Additive bid items listed below may be included in the contract if the budget allows and will be determined when the bids are received.

Base Bid - Asphalt Rubber Cape Seal:

- Alice Avenue from West Merle Court to Mitchell Avenue
- East Merle Court from Alice Avenue to Merle Court
- Helen Avenue from East Merle Court to Mitchell Avenue
- Mitchell Avenue from Dutton Avenue to MacArthur Boulevard
- Superior Avenue from Dutton Avenue to MacArthur Boulevard
- Fargo Avenue from Inverness Street to Washington Avenue
- Farnsworth Street from Trojan Avenue to Purdue Street

Base Bid - Microsurfacing with Asphalt Rubber Cape Seal:

- Begier Avenue from Chetland Road to Saint Marys Avenue
- Dowling Boulevard from Kenilworth Avenue to MacArthur Boulevard
- Haas Avenue from E. 14th Street to Bancroft Avenue
- Glen Drive from Lee Avenue to Superior Avenue
- Farnsworth Street from concrete overpass to 280' to the southwest
- Floresta Boulevard from concrete overpass to 325' to the northeast

Additive Bid Item A - Asphalt Rubber Cape Seal:

- MacArthur Boulevard from Superior/Foothill to Dutton Avenue
- Juniper Street from Manor Boulevard to Willow Avenue

Additive Bid Item B - Asphalt Rubber Cape Seal:

- Fortuna Avenue from Dutton Avenue to MacArthur Boulevard
- Wicks Boulevard from Farallon Drive to canal 240' north of Sea Cloud Avenue

Additive Bid Item B - Microsurfacing with Asphalt Rubber Cape Seal:

- Superior Avenue from Glen Drive to Dutton Avenue

Additive Bid Item C - Asphalt Rubber Cape Seal:

- Broadmoor Boulevard from Bancroft Avenue to Kenilworth Avenue
- Victoria Avenue from Kenilworth Avenue to MacArthur Boulevard

Additive Bid Item C - Microsurfacing with Asphalt Rubber Cape Seal:

- Lewelling Boulevard from Sedgeman Street to Woodgate Drive

Additive Bid Item D - Asphalt Rubber Cape Seal:

- Lee Avenue from Dutton Avenue to Bancroft Avenue
- Pala Avenue from Arbor Drive to Lee Avenue
- Pala Avenue from east dead end to west dead end

Additive Bid Item D - Microsurfacing with Asphalt Rubber Cape Seal:

- Lewelling Boulevard from Woodgate Drive to 80' west of Washington Avenue

Previous Actions

- On June 4, 2012, by Resolution No. 2012-059, the City Council approved the plans and specifications and called for bids for the Asphalt Rubber Street Sealing 2011-12 project

- On September 4, 2012, by Resolution No. 2012-100, the City Council rejected the bids received on June 29, 2012 for the Asphalt Rubber Street Sealing 2011-12 project

Committee Review and Actions

The streets selected for treatment were approved by the Facilities and Transportation Committee at its meeting on October 10, 2012.

Applicable General Plan Policies

This action is consistent with Streets and Highways Goal No. 16 of the General Plan and Action Item 16.03: Regularly maintain City streets and traffic control devices to ensure that streets operate safely and efficiently.

Environmental Review

This project is categorically exempt from CEQA per Section 15301(c) - Existing Facilities.

Fiscal Impacts

- The total project cost, including both the work on these plans and the non-rubberized street sealing seal work from a separate set of plans, is \$2,344,000.
- The estimated construction cost for the rubberized street sealing work is \$1,139,000 (base bid).
- The estimated construction cost for the non-rubberized street sealing work, to be done under a separate contract, is \$794,000 (base bid).

Budget Authority

The amount of work to be awarded shall be equal to or less than a construction funding amount to be publicly announced at the bid opening prior to opening of the first bid per procedures prescribed in the California Public Contract Code. It is estimated that there will be adequate funding for the base bid. Additive bid items shall be incorporated into the contract only if funding is available.

Funding allocations for both street sealing projects are as follows:

- 1) \$720,779.14 - Measure B Streets & Roads Funds, Annual Street Sealing 2011-12, Account No. 144-38-332, allocated in FY 2011-12, with \$432,467.48 to be used towards the Asphalt Rubber Street Sealing 2012-13 Project.
- 2) \$620,690.00 - Gas Tax Funds, Annual Street Sealing 2011-12, Account No. 142-38-332, allocated in FY 2011-12, with \$372,414.00 to be used towards the Asphalt Rubber Street Sealing 2012-13 Project.
- 3) \$910,422.00 - Gas Tax Funds, Annual Street Sealing 2012-13, Account No. 142-38-342, allocated in FY 2012-13, with \$518,940.54 to be used towards the Asphalt Rubber Street Sealing 2012-13 Project.

4) \$57,761.00 - Measure B Streets & Roads Funds, Annual Street Sealing 2012-13, Account No. 144-38-343, allocated in FY 2012-13, with \$32,923.77 to be used towards the Asphalt Rubber Street Sealing 2012-13 Project.

5) \$31,817.00 - Measure B Streets & Roads Funds, Annual Street Sealing 2012-13, Account No. 144-38-342, allocated in FY 2012-13, with \$18,135.69 to be used towards the Asphalt Rubber Street Sealing 2012-13 Project.

6) \$3,050.18 - Measure B Streets & Roads Funds, Annual Street Sealing 2010-11, Account No. 144-38-323, allocated in FY 2010-11, with \$1,830.11 to be used towards the Asphalt Rubber Street Sealing 2012-13 Project.

ATTACHMENT(S)

- Map of Asphalt Maintenance Zones

PREPARED BY: Kyle K. Lei, Associate Engineer, Engineering and Transportation Department