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Attachments: 1. Map of Asphalt Maintenance Zones.pdf

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Staff Report for a Resolution Approving the Plans and Specifications and Calling for Bids for the Annual Street Sealing 2012-13 Project, Project No. 2013.0070

SUMMARY AND RECOMMENDATIONS

This project provides for the application of preventative maintenance treatments on various streets in San Leandro. The current program will concentrate primarily 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 the City's Pavement Maintenance System to establish the condition of City streets. Based on this survey, various City streets are recommended for one of three maintenance treatments: reconstruction; overlay; or sealing. This project will conduct a street 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 of San Leandro 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 primarily in the 2012 and 2013 Asphalt Maintenance Areas (see attached map).

Annual street sealing projects typically concentrate work in just one Asphalt Maintenance Area, but the subject project is a combination of work from fiscal years 2011-12 and 2012-13. This is due to the fact that bids received for the Annual Street Sealing 2011-12 project were too high and were rejected by the City Council. Additionally, a minor amount of work left over from the 2009-10

Maintenance Area has been included with this contract.

Only slurry seal and scrub seal work are included in this bid. 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 - Slurry Seal:

- Bancroft Avenue from the north City limits to Dutton Avenue
- Callan Avenue from E. 14th Street to Harrison Street
- Dutton Avenue from Bancroft Avenue to MacArthur Boulevard
- E. Juana Avenue from driveway at 1500 E. Juana Avenue eastward to fence
- Foothill Boulevard from Durant Avenue to MacArthur Boulevard
- Rantoul Circle from E. Juana Avenue north to end
- Sandelin Avenue from E. Juana Avenue to 30' west of E. Juana Avenue
- Arguello Drive from Monterey Boulevard to Figueroa Drive
- Carrillo Drive from Portola Drive to Carrillo Way
- Carrillo Way from Figueroa Drive to Carrillo Drive
- Duzmal Avenue from Faris Street to cul-de-sac south of Kramer Street
- Elko Court from Vining Drive north to end at cul-de-sac
- Faris Street from Vining Drive to Duzmal Avenue
- Farnsworth Street from Lewelling Boulevard to Trojan Avenue
- Farnsworth Street from Purdue Street to 280' southwest of overpass
- Figueroa Drive from cul-de-sac east of Monterey Boulevard to Carrillo Way
- Kramer Street from Duzmal Avenue to dead end east of Sedgeman Street
- Monterey Boulevard from Floresta Boulevard to Figueroa Drive
- Portola Drive from Figueroa Drive to Monterey Boulevard
- Sayre Street from Farnsworth Street to Argonne Street
- Tilden Street from Hoad Street to Kramer Street
- Vining Drive from Faris Street to Argonne Street
- Wicks Boulevard from Lewelling Boulevard to Sea Cloud Avenue

Base Bid - Scrub Seal with Slurry Seal:

- Begier Avenue from west of Lee Avenue to Bancroft Avenue
- Carpentier Street from W. Juana Avenue to Thornton Street
- Clarke Street from W. Juana Avenue to Castro Street
- Estudillo Avenue from E. 14th Street to 90' west of Bancroft Avenue
- Maple Court from Dutton Avenue to Oakes Boulevard
- Merle Court from Dutton Avenue to E. Merle Court/W. Merle Court
- Myers Court from Durant Avenue south to end at cul-de-sac
- Ramona Way from Haas Avenue south to end at cul-de-sac
- Victoria Avenue from MacArthur Boulevard to Foothill Boulevard
- W. Merle Court from Alice Avenue to Merle Court

- Woodland Avenue from Dutton Avenue to Woodland Park
- Woodland Park from end to end

Additive Bid Item A - Slurry Seal:

- Dowling Boulevard from Bancroft Avenue to Kenilworth Avenue
- Hollister Court from Durant Avenue to Victoria Avenue
- Kenilworth Avenue from Durant Avenue to Dutton Avenue
- Melvin Court from Broadmoor Boulevard to Victoria Avenue
- Victoria Circle west of Bancroft Avenue
- Victoria Circle east of Bancroft Avenue
- Victoria Court from Warwick Avenue to Victoria Circle
- Victoria Avenue from east of Victoria Circle to Kenilworth Avenue
- Embers Way from Lewelling Boulevard to Hesperian Boulevard
- Lewelling Boulevard from Wicks Boulevard to Inverness Street

Additive Bid Item B - Slurry Seal:

- Broadmoor Boulevard from Hollister Court to Foothill Boulevard
- Diehl Avenue from Dutton Avenue to MacArthur Boulevard
- Herma Court from west of Broadmoor Boulevard to Victoria Avenue
- Julius Street from Broadmoor Boulevard to Durant Avenue
- Lewis Avenue from Dutton Avenue to MacArthur Boulevard
- Westbay Avenue from Foothill Boulevard to MacArthur Boulevard
- Lewelling Boulevard from Inverness Street to Beatty Street

Additive Bid Item C - Slurry Seal:

- Chetland Road from Glen Drive to Dutton Avenue
- Oakes Boulevard from dead end east of Saint Mary Avenue to Bancroft Avenue
- Saint Mary Avenue from dead end at creek to Dutton Avenue
- Lewelling Boulevard from Beatty Street to Sedgeman Street

Additive Bid Item D - Slurry Seal:

- Arbor Drive from Dutton Avenue to Lee Avenue
- Callan Avenue from Huff Avenue to Bancroft Avenue
- Huff Avenue from Estudillo Avenue to end at San Leandro Creek
- Manor Boulevard from Farnsworth Street to Wicks Boulevard

Additive Bid Item E - Slurry Seal:

- Chumalia Street from Harrison Street east to end
- Dutton Avenue from E. 14th Street to Bancroft Avenue
- Haas Avenue from Bancroft Avenue to dead end east of Bancroft Avenue
- Harrison Street from Chumalia Street to dead end at San Leandro Creek
- Jefferson Street from Callan Avenue to Chumalia Street
- Burkhart Avenue from Wicks Boulevard to Farnsworth Street
- Hubbard Avenue from Juniper Street west to end
- Willow Avenue from Merced Street to Juniper Street

Previous Actions

- On June 4, 2012, by Resolution No. 2012-058, the City Council approved the plans and

specifications and called for bids for the Annual Street Sealing 2011-12 project.

- On September 4, 2012, by Resolution No. 2012-099, the City Council rejected the bids received on June 28, 2012 for the Annual Street Sealing 2011-12 project.

Committee Review and Actions

The streets selected for treatment were recommended for approval by the City Council 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 asphalt rubber street sealing seal work on a separate set of plans, is \$2,344,000.
- The estimated construction cost for the non-rubberized street sealing work is \$794,000 (base bid).
- The estimated construction cost for the rubberized street sealing work, to be done under a separate contract, is \$1,139,000 (base bid).

Budget Authority

The amount of work to be awarded will 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 will 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 \$288,311.66 to be used towards the Annual 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 \$248,276.00 to be used towards the Annual 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 \$391,481.46 to be used towards the Annual 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 \$24,837.23 to be used towards the Annual 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 \$13,681.31 to be used towards the Annual 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 \$1,220.07 to be used towards the Annual Street Sealing 2012-13 Project.

ATTACHMENT(S)

- Map of Asphalt Maintenance Zones

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