



DATE: June 20, 2017

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT FY 2017 & FY 2018 Pavement Preventive Maintenance & Resurfacing Project – Award of Construction Contract

RECOMMENDATION

That Council adopts the attached resolution (Attachment II) awarding the contract to DeSilva Gates Construction LP, in an amount not-to-exceed \$1,967,339.

BACKGROUND

On May 2, 2017, Council approved the plans and specifications for the FY 2017 & FY 2018 Pavement Preventive Maintenance & Resurfacing Project, and called for bids to be received on May 30, 2017.

DISCUSSION

The City's Pavement Preventive Maintenance and Resurfacing Program has determined that the application of micro-surfacing is a better alternative to slurry seal treatment when protecting, preserving, and extending the pavement life of City streets in fair condition with low to moderate distress and narrow cracks.

Micro-Surfacing is similar to slurry seal, but with a polymer added for longer wear and better resistance to traffic, less cracking, and a much quicker set time that does not rely on the sun or heat for evaporation to occur. This allows the street to be returned to traffic use much sooner. Pavement Preventive Maintenance rejuvenates asphalt pavement, prevents water from infiltrating the pavement structure, protects the pavement system, and slows the rate of deterioration.

Pavement Preventive Maintenance treatment is typically applied every five to seven years after a street has received a new surface treatment and before the street begins to deteriorate to the point where more costly rehabilitation or reconstruction work will be needed.

On May 30, 2017, two (2) bids were received for the FY 2017 & FY 2018 Pavement Preventive Maintenance & Resurfacing Project. DeSilva Gates Construction LP of 11555 Dublin Boulevard, Dublin, California, submitted the low bid of \$1,967,339.00, which is

10.32% below the engineer's estimate of \$2,193,741.76. Ghilotti Construction of 246 Ghilotti Avenue, Santa Rosa, California submitted the second low bid in the amount of \$2,227,099.90, which is 1.52% above the engineer's estimate.

All bid documents and licenses are in order. Staff recommends that Council approves the award of contract to the responsible low bidder, DeSilva Gates Construction LP, in the amount of \$1,967,339.

This Project is categorically exempt under Section 15301(c) of the California Environmental Quality Act Guidelines for the operation, repair, maintenance, or minor alteration of existing facilities.

FISCAL IMPACT

The estimated project costs are as follows:

Construction Contract	\$1,967,339
Construction Contingency - ACO	\$429,661
Design and Contract Administration	\$100,000
Construction Inspection and Testing	\$140,000
	\$2,637,000

The Recommended FY 2017 & FY 2018 Capital Improvement Program includes funding from various sources as follows:

Funding	Amount
Measure B (Fund 215)	\$2,325,000
Gas Tax (Fund 210)	\$312,000
	\$2,637,000

As discussed in the May 2 Council report, this project will be subject to the Citywide Community Workforce Agreement as the project construction cost exceeds \$1 million. This has been accounted for in the project budget and schedule.

SUSTAINABILITY FEATURES

The City's Street Preventative Maintenance (PM) & Resurfacing Program prolongs the useful life of streets in relatively good condition before they deteriorate. This timely maintenance eliminates the need for removing, recycling, and replacing deep sections of asphalt and reduces greenhouse gas emissions associated with asphalt paving rehabilitation or reconstruction.

All material generated during construction and demolition will be sent to designated facilities for recycling. Recycled Portland Cement Concrete is specified for use as an aggregate base for any new concrete curb, gutter, ramps and sidewalk. Improvements made to sidewalks will

encourage the public to walk more as opposed to driving their vehicles. This reduces carbon emissions which benefits our environment.

COMPLETE STREETS

The existing bicycle facilities, sidewalk, and street lighting will be maintained during construction, and existing bike lanes and markers will be re-striped. The project will also install new curb ramps where they are missing at street corners and reconstruct existing curb ramps that are not ADA compliant. Improvements on these streets are consistent with the City's adopted Complete Streets Policy, which ensures that consideration is given to all users of the street, including pedestrians, bicyclists, transit users, senior citizens, and school children, in addition to vehicular traffic.

PUBLIC CONTACT

Staff has undertaken careful planning in the planning of the work to prevent traffic congestion and limit inconvenience to businesses, residents, and visitors. This will be done through close coordination with other contractors working on pavement rehabilitation. Paving work will be planned to minimize interruptions to local traffic and parking, and to keep side streets open to allow residents the ability to park on streets that are not too far from their homes.

Immediately after the construction contract is awarded, a preliminary notice explaining the project will be posted and distributed to all residents and businesses along affected streets. Signs on barricades will be posted seventy-two hours prior to commencement of work, indicating the date and time of work for each street. The notice will explain the necessity for allowing the micro-surfacing coats to dry (approximately one hour) before the streets can be reopened to traffic. Residents will be advised to park their vehicles on side streets outside of the work area while the streets are being treated.

SCHEDULE

Begin Work	July 2017
Complete Work	October 2017

Prepared by: Kevin Briggs, Acting Assistant City Engineer

Recommended by: Morad Fakhrai, Director of Public Works

Approved by:



Kelly McAdoo, City Manager