



CITY OF KIRKLAND

Department of Public Works

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www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

From: Scott Gonsar, P.E., Project Engineer
Rod Steitzer, P.E., Capital Projects Manager
Julie Underwood, Public Works Director

Date: June 16, 2021

Subject: ANNUAL STRIPING PROGRAM—2021 PROJECT—AWARD CONTRACT

RECOMMENDATION:

It is recommended that the City Council award a construction contract to Specialized Pavement Marking, Inc., of Tualatin, Oregon, in the amount of \$334,865.00.

By taking action on this item under the consent calendar, the City Council is awarding a construction contract for the subject project.

BACKGROUND DISCUSSION:

The Annual Striping Program maintains the pavement markings that provide traffic safety and define the travel paths for motorists, bicyclists, and pedestrians. This recommended contract includes the repainting of travel lanes on all arterials and collectors throughout the City (see Attachment A, "Vicinity and Area Map"). The contract also provides for the replacement of worn thermoplastic crosswalk markings, stops bars, turn arrows, and other on-pavement symbols on a prioritized basis (see Attachment B, "Thermoplastic Vicinity and Area Map").

The volume of work for the Annual Striping Program is dynamic and changes each year because of wear, weather, and public and private construction activity. For safety and consistency, the program repaints 100% of arterial and collector painted lane markings every year. Thermoplastic installations typically lasts 5-7 years before the reflectivity degrades and it starts to crack because of differential expansion/contraction. However, wear from traffic, as well as plowing and sand use, also impacts the replacement time for thermoplastic pavement markings. Because of this, each spring the entire thermoplastic inventory is reviewed and prioritized for replacement. Thermoplastic markings are prioritized to focus on areas with the highest pedestrian and bicycle use and fit within available funding. The prioritization process is done in a collaborative effort between Maintenance Center crews, the Transportation Division, and Capital Improvement Program Division.

Historically, the level of thermoplastic replacement has exceeded the available budget. As a result, thermoplastic replacement also is prioritized between neighborhoods. In 2020, thermoplastic repairs took place in Totem Lake, Market Street, Norkirk, Moss Bay, Everest, Lakeview, Central Houghton, Bridle Trails, Finn Hill, North Juanita, South Juanita, and Kingsgate neighborhoods.

The construction contract is structured with two schedules of work. Schedule A provides for restoration of all painted pavement markings, and Schedule B provides for restoration of thermoplastic markings. With an engineer's estimate of \$386,047.50 for both schedules, staff first advertised for contractor bids on May 12, 2021. On June 2nd, three bids were received, with Specialized Pavement Marking, Inc., being the lowest responsible bidder. The bid results are as follows:

Table 1: Project Bid Results

Bidder	Schedule A: Paint Markings	Schedule B: Thermoplastic Markings	Total
Specialized Pavement Marking	\$180,700.00	\$154,165.00	\$334,865.00
Apply A Line	\$233,032.00	\$146,147.86	\$379,179.86
<i>Engineer's Estimate</i>	<i>\$246,230.00</i>	<i>\$183,817.50</i>	<i>\$386,047.50</i>
Stripe Rite	\$349,050.00	\$183,089.00	\$532,139.00

Because of recent high bids received by Kirkland and neighboring agencies, prior to bidding this contract staff re-estimated construction costs. The good news is that the low bid is below budget but within approximately 15% of the engineer's re-estimate. Staff has a history of working well with Specialized Pavement Marking, and their references checks were satisfactory.

Budget

Funding and anticipated expenses for the 2021 Project are shown in Table 2, below:

Table 2: Funding and Anticipated Expenses

Category	Annual Striping Program (2021 Project)
Funding	\$500,000
Soft Costs	(\$80,000)
Construction	
Schedule A:	(\$180,700)
Schedule B:	(\$154,165)
Total Construction	(\$334,865)
Contingency (*)	(\$85,135)
Total Expenses	(\$500,000)
Balance	\$0.00

(*) Near the completion of the project, staff will evaluate whether additional prioritized work can be accomplished. The goal is to complete as much as funding will allow.

NEXT STEPS:

Were the contract to be awarded at the July 6th City Council meeting, the physical work will begin in July and be complete by the end of September 2021, depending on the weather. In advance of the work, staff will keep the public informed through regularly-updated construction timelines and pertinent project information on the City's website.

Attachment A: Vicinity and Area Map—Annual Striping Program—2021 Project

Attachment B: Thermoplastic Vicinity and Area Map—Annual Striping Program—2021 Project



