



**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND**

**AB 5649
January 7, 2020
Consent Calendar**

AGENDA BILL INFORMATION

TITLE:	AB 5649: Roadside Shoulder Improvements, West Mercer Way Phase 2	<input type="checkbox"/> Discussion Only
RECOMMENDED ACTION:	Award the project.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

DEPARTMENT:	Public Works
STAFF:	Clint Morris, Street Engineer
COUNCIL LIAISON:	n/a
EXHIBITS:	1. Project Location Map 2. Construction Bid Summary
CITY COUNCIL PRIORITY:	n/a

AMOUNT OF EXPENDITURE	\$ 429,441
AMOUNT BUDGETED	\$ 555,000
APPROPRIATION REQUIRED	\$ 0

SUMMARY

BACKGROUND

The Roadside Shoulder Development Program was established in 2002 to create paved shoulders suitable for pedestrian and bicycle uses on the Mercer Ways. Since then, the City of Mercer Island has constructed numerous shoulder improvement projects, primarily along East Mercer Way, but also along North and West Mercer Ways. Recently completed shoulder projects include East Mercer Way Phase 10 in spring of 2018 (SE 71st Street to the 7900 block) and West Mercer Way Phase 1 in spring of 2017 (7400 to 8100 blocks). Currently, paved shoulders exist along 83% of East Mercer Way’s 4.8-mile length and along 72% of West Mercer Way’s 6.0-mile length. Another 0.6 miles (10%) of West Mercer Way has existing separated walkway. Since 2003, the City has constructed at least one new shoulder project per biennium, for a total investment of over \$3.2 million.

The West Mercer Way Phase 2 project was approved as part of the 2019-2020 Capital Improvement Budget, adopted by the Council in November 2018. Design work began in summer of 2019 and final plans, specifications, and cost estimates were completed in early November. The project was advertised for public bids in mid-November. Fourteen contractor bids were received, and staff is ready to award a construction contract.

PROJECT DESCRIPTION

The West Mercer Way Phase 2 shoulder improvement project will construct a new asphalt paved shoulder from SE 70th Street to the 7400 block (Exhibit 1). Work includes installation of over 500 linear feet of new storm drainage pipe and construction of 1,900 linear feet of new continuous 5-foot wide asphalt paved shoulder along the northbound lane edge. A significant portion of the paved shoulder will be built over existing gravel shoulder areas and the project will connect into the Phase 1 improvements in the 7400 block, built in 2017.

The project is broken into two schedules of work: Schedule A will construct paved shoulder from SE 70th Street to the 7400 block and Schedule B will construct storm drainage improvements primarily between the 7200 and 7400 blocks. At completion of design work, the estimated construction costs for shoulder improvements and drainage improvements were \$246,282 and \$102,975 respectively, for a total estimated construction cost of \$349,257.

The storm drainage work in Schedule B is being funded through the City's Neighborhood Spot Drainage Improvements program within the storm water utility, as was done previously on the East Mercer Way Phase 10 shoulder project in 2018.

BID RESULTS AND AWARD RECOMMENDATION

Fourteen construction bids for the project were received and opened on December 12, 2019 (Exhibit 2). Eight bids were below the engineer's estimate. Staff believes low bid prices reflect the slower winter construction period, when more contractors are seeking work and fewer projects are available. The lowest bid was received from Kamins Construction for \$293,915.46, which is \$55,342 (16%) below the engineer's construction cost estimate. Kamins has constructed comparable roadway, pedestrian, and storm drainage improvement projects for numerous cities in King County in recent years, including several contracts for the City of Mercer Island: the 2018 SE 40th Street Corridor Improvements, a 2018 sewer improvement, a 2016 storm drainage and roadway reconstruction project, and the 2013 Roadside Shoulders East Mercer Way Phase 8 project. Staff's review of the Labor and Industries (L&I) website confirms Kamins Construction is a contractor in good standing, with no license violations, outstanding lawsuits, or L&I tax debt. Staff recommends awarding both schedules of the Roadside Shoulder Improvements, West Mercer Way Phase 2 contract to Kamins Construction.

Adding amounts for construction contingency, design, inspection services, project management, and 1% for the Arts, brings the total estimated cost of the West Mercer Way Phase 2 project to \$429,441. Historically, staff has applied a 10% contingency to street/surface construction and a 20% contingency to underground utility construction work. The following table summarizes the overall project costs and available budget amounts.

ROADSIDE SHOULDER IMPROVEMENTS, WEST MERCER WAY PHASE 2 PROJECT BUDGET			
Description	Schedule A New Shoulders	Schedule B Storm Drainage	TOTAL
			Award to
Construction Contract			Kamins Construction
Schedule A - New Shoulder	\$209,116		\$209,116
Schedule B - Storm Drainage		\$84,800	\$84,800
Total Construction Contract	\$209,116	\$84,800	\$293,915
Construction Contingency @ 10% for shoulders	\$20,912		\$20,912
Construction Contingency @ 20% for storm drainage		\$16,960	\$16,960
Project Design - consultant	\$54,563	\$0	\$54,563
Inspection Services	\$12,000	\$4,000	\$16,000
Other Design and Inspection Costs	\$3,500	\$1,500	\$5,000
Contract Administration/Project Management	\$17,000	\$3,000	\$20,000
1% for the Arts	\$2,091	\$0	\$2,091
Total Project Budget	\$319,181	\$110,260	\$429,441
2019-2020 Budget - WMW Shoulders Phase 2	\$365,000		\$365,000
2019-2020 Budget - Neighborhood Spot Drainage		\$190,000	\$190,000
Total Budget Available for Project	\$365,000	\$190,000	\$555,000
Budget Remaining	\$45,819	\$79,740	\$125,559

Construction activities on the West Mercer Way Phase 2 project are scheduled to begin in February 2020 and should be finished by early April. The completion of Phase 2 will bring the total distance of paved shoulders along West Mercer Way to 4.6 miles, or 77% of its total length.

RECOMMENDATION

Award Schedules 'A' and 'B' of the Roadside Shoulder Improvements, West Mercer Way Phase 2 project to Kamins Construction in the amount of \$293,915.46. Set the total project budget to \$429,441 and direct the City Manager to execute the construction contract.