



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

**AB 6275
June 6, 2023
Consent Agenda**

AGENDA BILL INFORMATION

TITLE:	AB 6275: 2018 Street Projects Closeout	<input type="checkbox"/> Discussion Only <input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution
RECOMMENDED ACTION:	Accept the 2018 SE 40th Street Corridor Improvements, the 2018 Arterial and Residential Street Overlays, and the 2018 Arterial and Residential Chip Seal projects and authorize staff to complete the closeout of these construction contracts.	

DEPARTMENT:	Public Works
STAFF:	Patrick Yamashita, Deputy Public Works Director Clint Morris, Capital Division Manager
COUNCIL LIAISON:	n/a
EXHIBITS:	1. Project Location Map – SE 40 th Street Corridor Improvements 2. Project Location Map – 2018 Arterial and Residential Street Overlays 3. Project Location Map – 2018 Arterial and Residential Chip Seals
CITY COUNCIL PRIORITY:	n/a

AMOUNT OF EXPENDITURE	\$ 2,753,136
AMOUNT BUDGETED	\$ 3,268,997
APPROPRIATION REQUIRED	\$ 0

EXECUTIVE SUMMARY

The purpose of this agenda bill is to formally accept three completed capital street improvement projects from 2018.

- The SE 40th Street Corridor Improvements rebuilt sidewalks and created bike lanes between Island Crest Way and Gallagher Hill Road. This \$1,668,390 project was partially funded with a \$550,000 grant from the Transportation Improvement Board (TIB).
- The 2018 Arterial and Residential Street Overlays repaved 0.6 miles of roadways, including a portion of Island Crest Way from SE 32nd to SE 28th Streets.
- The 2018 Arterial and Residential Chip Seals resurfaced 2.2 miles of arterial and 0.6 miles of residential roadways with chip seals, including portions of East Mercer Way, 78th Avenue SE south of the Town Center, and SE 53rd Place.
- All three projects were completed with a combined savings of over \$515,000 from their budgeted amounts.

BACKGROUND

The City of Mercer Island started a hot mix asphalt (HMA) street overlay program in the late 1980s. Prior to that, much of the Island's roadway pavements were maintained using a Bituminous Surface Treatment (BST), more commonly referred to as "chip seal." Many of the HMA projects that the City does are of a routine nature to "maintain what we have." As pavements age, and their pavement condition index (PCI) scores drop, they are scheduled for repaving within the Six-Year Transportation Improvement Program (TIP). Currently, the City strives to perform HMA overlays on at least one-half mile of arterial and one mile of residential roadways per year.

Since 2011, City staff have conducted three chip sealing projects to stretch roadway resurfacing funds. These projects, from 2011, 2013, and 2018, have chip sealed approximately 5.9 miles of City arterial and residential streets. HMA overlays on Mercer Island currently cost between \$450,000 to \$550,000 per mile to construct and can last up to 30 years. Chip sealing is about one third of that cost and has about half the life span.

For some roadway projects, the City is able to obtain additional funding from an outside source, especially if that project creates or improves facilities that benefit the entire community. For the SE 40th Street Corridor Improvements, the City applied for and received \$550,000 in grant funding from the Transportation Improvement Board (TIB) to help fund sidewalk and bicycle facility improvements.

ISSUE/DISCUSSION

The SE 40th Street Corridor Improvements project replaced old, narrow, and uneven sidewalks with new concrete curbs and ADA compliant sidewalks. It created bike lanes between Island Crest Way and Gallagher Hill Road (see Exhibit 1) provided street lighting upgrades and a hot mix asphalt overlay. The design was completed in early spring 2018. A contract was awarded to Kamins Construction in May 2018 for \$1,528,951 and the total project budget was set at \$2,033,049 ([AB 5427](#)).

Construction on SE 40th Street began in mid-June and work was substantially completed in September, in time for the start of the school year. The project was slightly delayed due to an asphalt plant operators strike during the month of August, which is the prime paving month in western Washington. Final punch list work was completed by November 2018. The total cost of the completed project was \$1,668,390, which was \$364,659 (18%) less than the budgeted amount. Significant savings were seen during construction with reduced traffic control, excavation, and grading quantities than anticipated in the design.

The 2018 Arterial and Residential Street Overlays was a routine hot mix asphalt paving project that involved repair and resurfacing of 0.6 miles of several different roadways exhibiting low pavement condition index (PCI) scores. The project was designed in early 2018 and a construction contract was awarded to Watson Asphalt Paving Company in May ([AB 5426](#)). Work locations included Island Crest Way from SE 28th to SE 32nd Streets, a portion of SE 28th Street east of Island Crest Way, and portions of 82nd and 83rd Avenues SE near the 7000 block (see Exhibit 2). Construction occurred in July through September 2018. The total cost of the completed project was \$576,451, which was \$98,791 (14%) less than the \$675,242 budgeted at time of contract award.

The 2018 Arterial and Residential Chip Seal project involved placing single and double-layer chip seals onto 2.2 miles of arterial and 0.6 miles of residential roadways. Arterial sites included East Mercer Way (from SE 70th Place to West Mercer Way), SE 53rd Place (from Island Crest Way to East Mercer Way), and 78th Avenue SE (from SE 34th to SE 39th Streets). Residential sites included portions of SE 68th and SE 70th Streets, 82nd

Avenue SE, and 83rd Avenue SE on the south end of the Island (see Exhibit 3). Design work occurred in winter and spring of 2018 with a contract awarded to Doolittle Construction in June ([AB 5437](#)). Construction took place in July and August. All roadways received HMA pavement repairs prior to the chip seal. The total cost of the completed project was \$508,295, which was \$52,411 (9%) less than the \$560,706 budgeted at the time of contract award.

All three of these projects were completed within their planned construction timelines and with significant savings from their budgeted amounts. Over \$515,000 in unspent budget remains in the Street Fund from these finished projects.

RECOMMENDED ACTION

Accept the 2018 SE 40th Street Corridor Improvements, the 2018 Arterial and Residential Street Overlays, and the 2018 Arterial and Residential Chip Seal project and authorize staff to complete the closeout of these construction contracts.