



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

**AB 6301  
July 18, 2023  
Consent Agenda**

**AGENDA BILL INFORMATION**

<b>TITLE:</b>	AB 6301: SE 22 <sup>nd</sup> Street & SE 22 <sup>nd</sup> Place Water System Improvements Project 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
<b>RECOMMENDED ACTION:</b>	Accept the completed project and authorize staff to close out the contract.	

<b>DEPARTMENT:</b>	Public Works
<b>STAFF:</b>	Patrick Yamashita, Deputy Public Works Director Clint Morris, Capital Division Manager Rona Lin, Utilities Engineer
<b>COUNCIL LIAISON:</b>	n/a
<b>EXHIBITS:</b>	1. Project Location Map
<b>CITY COUNCIL PRIORITY:</b>	3. Make once-in-a-generation investments to update and modernize aging infrastructure, capital facilities, and parks.

<b>AMOUNT OF EXPENDITURE</b>	\$895,083
<b>AMOUNT BUDGETED</b>	\$1,248,809
<b>APPROPRIATION REQUIRED</b>	\$0

**EXECUTIVE SUMMARY**

The purpose of this agenda bill is to accept the completed SE 22<sup>nd</sup> Street & SE 22<sup>nd</sup> Place Water System Improvements project and authorize staff to close out the construction contract.

- Work consisted of replacing 2,300 linear feet of water main; installing new water services, fire hydrants, and other water system components; and repaving one roadway.
- Project design was included in the 2017-2018 Capital Budget and funded from the Water Fund.
- Construction was included in the 2019-2020 Capital Budget and funded from the Water and Street Funds.
- Construction occurred from March through June of 2019.
- The total project cost was \$895,083 and came in \$353,726 under budget. Unspent funds will remain in the Water and Street Funds.

**BACKGROUND**

The City uses a scoring matrix to evaluate all water mains on the Island to prioritize them for replacement. These factors include size of pipe, age of pipe, pipe material, history of breaks, fire flow capacity/deficiency, water quality, and coordination with other projects. In 2016, the SE 22<sup>nd</sup> Street & SE 22<sup>nd</sup> Place Water System Improvements project ranked high on the priority list and was identified as one of the approved water system

projects in the 2017-2018 Capital Budget. This project involved water system upgrades (Bid Schedule A) and a small street overlay (Bid Schedule B). See Exhibit 1 for project locations. On 77<sup>th</sup> Avenue SE, the alignment of the new water main coupled with the roadway's poor condition prior to the project led staff to include repaving of the roadway in the project. Road work was budgeted from the Street Fund.

Project design began in July 2017, but was not completed until November 2018 to allow time for coordination with the design of King County's North Mercer Island Interceptor and Enatai Interceptor sewer improvement project. A construction contract was awarded to Rino Construction in January 2019 for \$835,068 and the total project budget was set at \$1,248,809 ([AB 5523](#)).

## **ISSUE/DISCUSSION**

Construction activities began in March 2019 and the project was substantially complete in June 2019. Under Schedule A, a total of 2,300 linear feet of water main, 55 water services, five fire hydrants, three air/vacuum release assemblies, and two blow-off assemblies were replaced along SE 22<sup>nd</sup> Street, SE 22<sup>nd</sup> Place, and 77<sup>th</sup> Avenue SE. In Schedule B, a full width asphalt overlay was completed on the 77<sup>th</sup> Avenue SE roadway.

The total project cost was \$895,083, which was \$353,726 less than the total amount budgeted at the time of the contract bid award. Unspent funds from the project remain in the Water Fund (\$325,780) and in the Street Fund (\$27,946).

## **RECOMMENDED ACTION**

Accept the completed SE 22<sup>nd</sup> Street & SE 22<sup>nd</sup> Place Water System Improvements project and authorize staff to close out the contract.