



## Board Action Memorandum

**TO:** Jackie Flowers, Director of Utilities  
**COPY:** Charleen Jacobs, Director and Board Offices  
**FROM:** Ali Polda, Interim Assistant Division Manager, Tacoma Water  
**MEETING DATE:** April 22<sup>nd</sup>, 2020  
**DATE:** April 7<sup>th</sup>, 2020

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### **SUMMARY:**

Authorize Tacoma Water to participate in the City of Tacoma, Department of Public Works Taylor Way Rehabilitation Project. Tacoma Water proposes to install a new intertie with the City of Fife (Fife) and replace approximately 6,600 feet of water main along Taylor Way, from 1,400 feet west of State Route (SR) 509 to Lincoln Avenue. Total project cost including the Fife scope of work is \$2,712,787.00, plus a partner contribution of \$891,236.00, plus a 10 percent contingency, for a cumulative total of \$3,964,425.30.

Tacoma Water believes it is in the best interest of the utility and its customers to include the water main work and Fife Intertie in the Public Works project. Project partnership will improve project delivery, reduce project costs, mitigate future risks, consolidate construction disturbance to businesses, and provide additional water supply to Fife.

Public Works deems this project essential under Governor's Proclamation 20-25.

### **BACKGROUND:**

Taylor Way is a major arterial within the Port of Tacoma, the main corridor on the Blair-Hylebos Peninsula carrying 4-10 million tons of freight annually, and an essential emergency access route. Tacoma Water is partnering with the Public Works Department to reconstruct the existing roadway and replace approximately 6,600 feet of the existing water main and appurtenances constructed circa 1929 and 1957.

In addition, a new 16-inch intertie to Fife, located at the intersection of SR 509 and Taylor Way, will be constructed. The existing 8-inch intertie is hydraulically restrictive for the future water demands of Fife. Costs for the intertie are being reimbursed by Fife and a new Wholesale Agreement to purchase additional water supply is in negotiation.

The overall project will minimize long-term road maintenance by improving the roadway surface with concrete panels, add sidewalk and replace curb ramps/crossings to meet ADA standards, replace underground utilities, reduce congestion along SR 509, improve travel to Northeast Tacoma, and improve emergency access to the Blair-Hylebos Peninsula by adding traffic cameras and blank-out signs along the corridor.

Project partner contributions are summarized in the Tacoma Water-Public Works Joint Agreement.



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**ISSUE:** Existing water main is upwards of 90 years old with a history of costly breaks. Sections of the water main are near the end of its operational life. The existing Fife intertie is hydraulically restrictive.

**ALTERNATIVES:** Rehabilitating the existing water main is cost prohibitive. It is more cost effective to mitigate the risk of future water main breaks under a new concrete roadway by replacing the water main. Increasing the size of the Fife intertie will increase the water flowrates. These improvements would be difficult to construct if not included in this project.

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED?** Yes

**IF THE ACTION REQUESTED IS APPROVAL OF A CONTRACT, INCLUDE LANGUAGE IN RESOLUTION AUTHORIZING \$200,000 INCREASE IN ADMINISTRATIVE AUTHORITY TO DIRECTOR?** Yes.

**ATTACHMENTS:** Project Map  
Contract and Award Letter  
Agreement for Joint Project Tacoma Water – Public Works

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