

IMPACT STATEMENT

Legislation title: Authorize a contract with the lowest responsive bidder for construction of the SW 45th Avenue and Fanno Creek Culvert Replacement, BES Project Number E08676, for an estimated cost of \$735,000 (Ordinance)

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Purpose of proposed legislation and background information:

The purpose of the legislation is to authorize a construction contract to construct a new culvert crossing under SW 45th Avenue to reduce the risk of flooding, improve fish passage, and provide water quality by implementing stormwater facilities, for project E08676. Design is complete and the project is currently scheduled to advertise for construction bids in February 17, 2017.

Fanno Creek flows under SW 45th Avenue through a 48-by-48 inches reinforced concrete box approximately 30 feet in length. Currently, the culvert is undersized and poses a risk for road flooding at the 10-year storm event, while obstructing fish passage. This project includes restoration and stabilization of the banks 100-feet up and downstream of the culvert to control erosion, protect property, and improve habitat. The restoration work and fish passage improvements proposed will continue to improve conditions in this reach of Fanno Creek.

Financial and budgetary impacts:

This legislation authorizes a contract and provides payment for construction of the SW 45th Avenue and Fanno Creek Culvert Replacement Project. It does not affect current or future staffing levels or appropriations. It does not affect current or future City revenue. The level of confidence in the construction cost estimate of \$735,000 is high.

Community impacts and community involvement:

This project is within the Bridlemile Neighborhood in SW Portland, where SW 45th Avenue crosses Fanno Creek. The project is located approximately one block north of Beaverton-Hillsdale Highway. The culvert replacement, and associated green street planters and revegetation efforts, will enhance Fanno Creek, enable fish passage and reduce the likelihood of flooding and backups at the currently undersized culvert. This project is one of many that together are working to improve watershed health in Fanno Creek.

The surrounding neighborhood is largely residential, both single-family and multi-family. There is also one warehouse/shared work space facility adjacent to the project site and several other small businesses nearby, including restaurants. While SW 45th will be closed to through traffic during construction, all businesses and residents will have access to their properties. Traffic on the highway will not be impacted by this project. There will be a marked detour route to direct people away from the road closure, which will be approximately one block north of Beaverton-Hillsdale Highway.

This project was identified and prioritized during watershed planning efforts, beginning in 2001, and extending into the Fanno/Tryon Water Quality and TMDL CIP Pre-design processes. Community members and agency representatives served on advisory committees to help guide and inform the planning efforts. The plans identified the SW 45th Avenue Culvert as an action item and it was presented at a series of open houses, meetings and media.

