

Project Description

This project is the design and installation of a new pump at the Erdahl Ditch Pump Station.

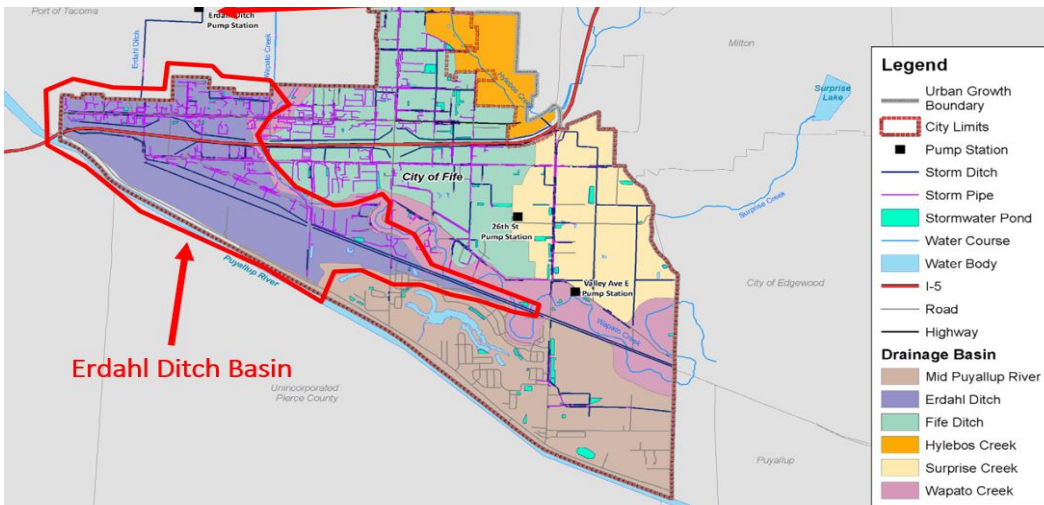
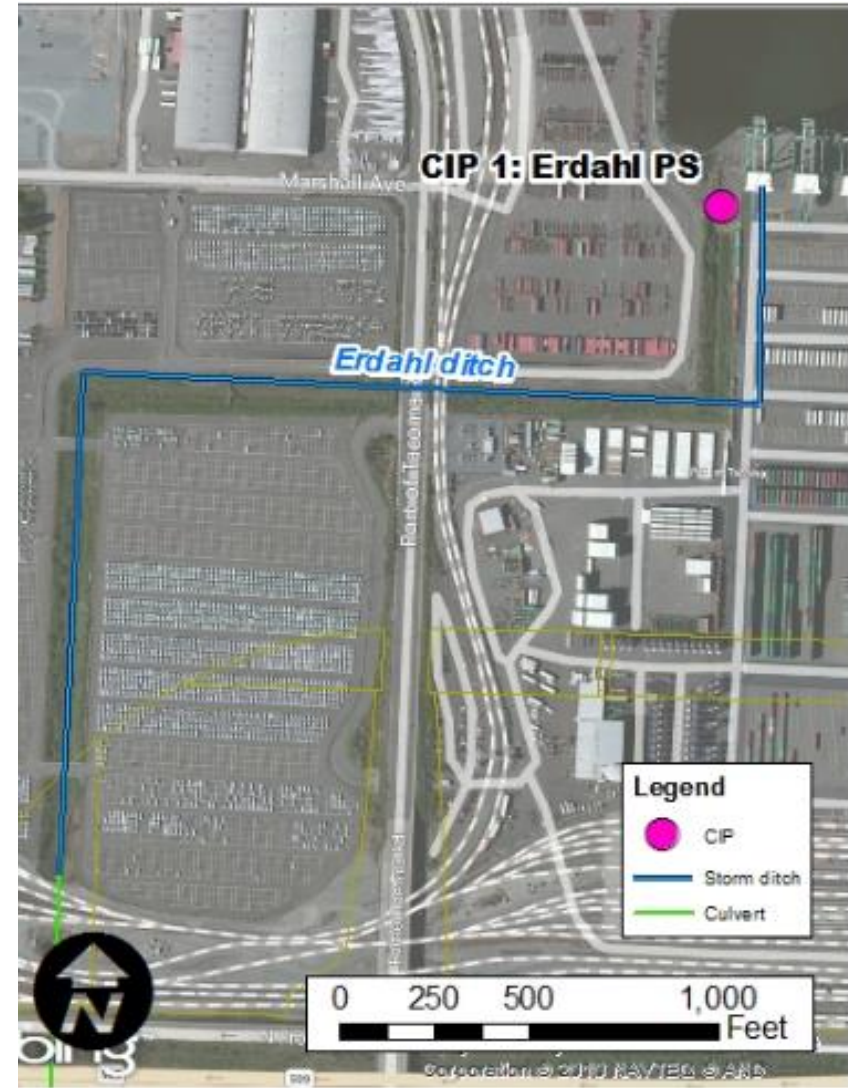
Recent Developments

Fife recently awarded a contract to Pease Construction to install a second new submersible pump. The City previously ordered the new pump, which is set to arrive in the fall 2022. Pease Construction will install the new pump thereafter.

Project Justification

The Erdahl Ditch drains the southwest portion of Fife, including much of the industrial and commercial zone along Industry Drive and 20th Street, and the Port of Tacoma Road Interchange. The existing pump station was built in the 1980's and the old vertical-shaft pumps are at the end of their service lives. Experience with the pump installed in 2017-2018 has determined that the new technology of submersible pumps works well in this installation. A key advantage of the submersible pumps is that they can be lifted intact by Fife's crane truck, such that service is essentially similar to the service of Fife's sanitary sewer pump stations, which was not the case for the original pumps at the station.

The pump station is currently only operating with one new submersible pump and one original vertical shaft pump. The pump station wet well is sized with room for a total of four pumps. Installation of this second new submersible pump will continue the plan to restore the original pump station capacity and provide better pump reliability.



Project Costs	Funding
Design, Bidding Assistance, and Construction Services	\$100,000
Construction – Drainage Utility	\$600,000
Total Project Costs	\$700,000