



Pleasant Valley North Pump Station

Location: Central

Number: 27-2013-0044

GL Number: 409-000-189-00-01-08

Phase: Design

Project Manager: Vanessa Johnson

GSP Basin: Basin 5-Pleasant Valley North

Capital Improvement Project

General Facilities

District Installed Infrastructure

Septic Elimination Program

Developer Reimbursement Program

Fleet & Facilities

Restoration & Replacement Project

Restoration & Replacement – Gravity

Restoration & Replacement – PS & FM

Restoration & Replacement – Fleet & Facilities

Project Definition:

Objective. Serve the northeast area of Basin 5 in coordination with Washington State University (WSU) Vancouver and Vancouver Public Schools STEM campus expansion in support of this innovation zone.

Scope of Work. Install a new pump station west of NE 50th Avenue on the southeast corner of the WSU property. Install force main from the pump station north along NE 50th Avenue, west along NE 159th Street to the existing Mt. Vista trunk sewer. Install gravity main north along NE 50th Avenue to the northern property line of WSU. The Port of Ridgefield will be installing dark fiber conduit along the sewer route as part of this project.

Project Statistics. Force main – 5,600 feet of 8-inch force main; Gravity main – 1,100 feet of 12-inch gravity trunk; Gravity main – 650 feet of 10-inch gravity trunk; 4,650 feet of dark fiber conduit.

Pump Station – 20 hp duplex submersible pumps for 670 gpm at startup; 1000 gpm at buildout; 8-foot wetwell; three phase electrical service; diesel generator; control kiosk; odor control chemical tank.

Photos: (Map of area on the reverse side)

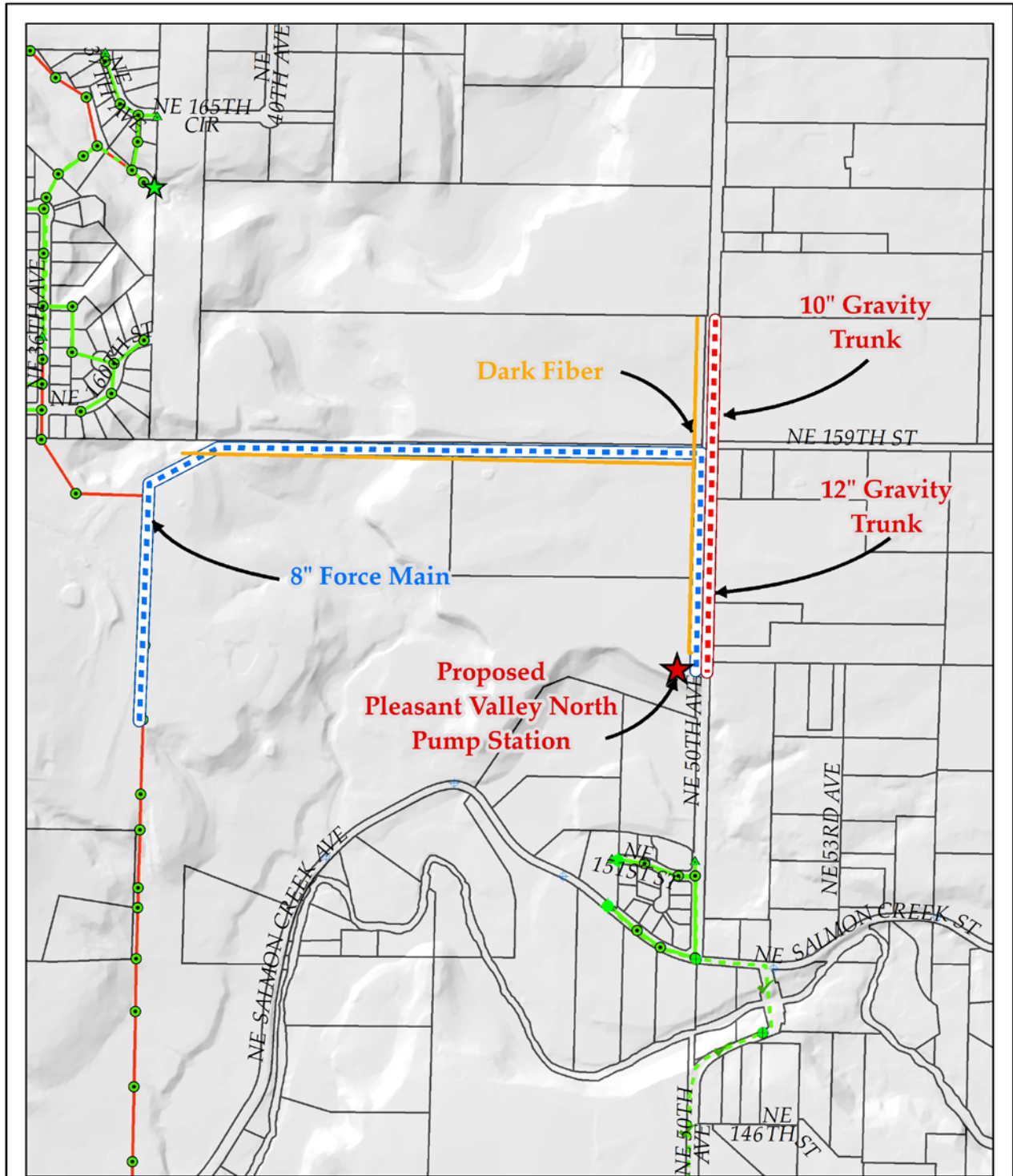
Budget Information:

Project Cost Estimate:

Total Project Cost:	\$3,500,000
Construction Cost:	\$2,850,000
Basis of Estimate:	Design
Date of Estimate:	Sept. 2018

Schedule Information:

<u>Activity</u>	<u>Year</u>
Predesign	2017
Permitting	2017-2018
Real Property/ROW	2017-2018
Design	2017-2018
Bid	2019
Construction	2019-2020



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