



Neil Kimsey Force Main Upgrade (CIP 2-1606B)

Location: Central

Number: 27-2021-0050

GL Number: 409-000-189-00-01-51

Phase: Planning

Project Manager: Dale Lough

GSP Basin: Whipple Creek East – 2-1605

Legacy – 2-1603, I-5 Corridor – 2-1606

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:

Background. The Neil Kimsey Regional Pump Station and force main are key components of the Discovery Corridor Wastewater Transmission System (DCWTS) that transports sewer from the City of Ridgefield to the Central Service Area and ultimately to the Salmon Creek Treatment Plant. The existing pump station and 16-inch force main were installed in 2016 as part of the DCWTS Phase 1 project with the understanding that the buildout of the facility would require addition of a 22-inch force main. The entirety of the 16-inch and a portion of the 22-inch force main extending from the pump station to the NE 209th Street cul-de-sac were installed with the 2016 project. The initial section of the 22-inch force main has not been used but will be the point of connection for extending the force main to an existing discharge structure located north of the NE 20th Avenue Trunk. Sections of the 22-inch force main may need to be installed in advance in coordination with WSDOT and Clark County project to improve the I-5/NE 179th St interchange.

Objective. Increase capacity of the Neil Kimsey Pump Station system to accommodate the additional flows resulting from the redirection of flows from Ridgefield.

Scope of Work. Extend the existing 22-inch force main parallel and adjacent to the existing force main along NE 209th Street, south along NE 10th Avenue to NE 154th Street. The force main will connect to the existing 22-inch force main at the north end and an existing discharge structure at the south end.

Project Statistics. Force main - 17,040 feet of 22-inch force main.

Photos: (Map of area on the reverse side)

Budget Information:

Project Cost Estimate:

Total Project Cost: \$20,085,000

Construction Cost: \$16,650,000

Basis of Estimate: Planning

Date of Estimate: Sept. 2023

Schedule Information:

Activity

Year

Predesign 2023-2028

Permitting 2024-2029

Real Property/ROW 2024-2029

Design 2024-2029

Bid 2029

Construction 2029-2030

