



NE 10th Ave Pump Station

Location: Central

Number: 27-2015-0083

GL Number: 409-000-189-00-01-31

Phase: Design

Project Manager: Vanessa Johnson

GSP Basin: Basin 25-Whipple Creek West

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. Extend service from the NE 17th Avenue Trunk to the NE 10th Avenue corridor.

Scope of Work. Construct a new, duplex submersible pump station adjacent to NE 10th Avenue and north of Whipple Creek (Gillingham property). The wet well will be installed as part of the NE 10th Avenue Bridge County Road Project (TAB) along with the associated force main. Construct a new gravity trunk beginning approximately 350 feet east of the intersection of NE 154th Street and NE 10th Avenue, where TAB ends, and continue the gravity trunk installation east and then south along NE 15th Avenue crossing I-5 at NE 150th Street and connecting to an existing manhole on the east side of I-5.

Project Statistics. Gravity trunk – 2,100 feet of 10-inch gravity trunk including a bored and jacked steel pipe crossing of I-5.

Pump Station – 10 hp duplex submersible pumps for 400 gpm at startup; 800 gpm at buildout; valve vault and appurtenances; 3-phase electrical service; diesel generator; control kiosk; chemical storage tank for odor control.

Photos: (Map of area on the reverse side)

Budget Information:

Project Cost Estimate:

Total Project Cost:	\$2,300,000
Construction Cost:	\$1,770,000
Basis of Estimate:	90% Design
Date of Estimate:	Sept. 2017

Schedule Information:

Activity

Year

Predesign	2017
Permitting	2017
Real Property/ROW	NA
Design	2017-2018
Bid	2018
Construction	2018-2019

