



Whipple Creek North Pump Station Upgrade (CIP-2-1605C)

Location: Central

Number: 27-2019-0079

GL Number: 409-000-189-00-01-46

Phase: Construction

Project Manager: Tim Shell

GSP Basin: Whipple Creek East – 2-1605

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 General Sewer Plan (GSP) identified the need to upgrade the Whipple Creek North Pump Station to accommodate ongoing growth in the 179th Street corridor and future conveyance requirements, including receiving flows from the Fairgrounds Pump Station that will be decommissioned with the NE 179th Street CRP. This project is critical to accommodating developer interest along the NE 179th Street corridor that has increased with the lifting of the County’s Urban Holding Area.

Improvements to the pump station will increase the capacity of the station to its 20-year capacity of 950 gpm and include a complete mechanical and electrical upgrade.

Objective. Increase capacity at the Whipple Creek North Pump Station and address existing station deficiencies.

Scope of Work. Upgrade pumps, mechanical piping, and electrical service at the Whipple Creek North Pump Station.

Project Statistics. Pump Station – 60 hp duplex submersible pumps, site piping and valve vault, emergency generator, and new local electrical control panel with control kiosk.

Photos: (Map of area on the reverse side)

Budget Information:

Project Cost Estimate:

Total Project Cost:	\$1,610,150
Construction Cost:	\$1,300,000
Basis of Estimate:	Bid
Date of Estimate:	Sept. 2023

Schedule Information:

Activity

Year

Predesign	2020
Permitting	2020-2022
Real Property/ROW	2020-2022
Design	2020-2022
Bid	2023
Construction	2023-2024

