



## Hillhurst Pump Stations Redirection (CIP 3-301A)

**Location:** Ridgefield

**Number:** 25-2018-0003

**GL Number:** 409-100-189-00-01-11

**Phase:** Planning

**Project Manager:** Jerry Barnett

**GSP Basin:** Taverner – 3-301

Lookout – 3-302

Canyon Ridge – 3-303

**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.** Remove flow that is currently going to the Ridgefield Treatment Plant to delay or remove the need to expand the plant capacity.

**Scope of Work.** Transfer flow from General Sewer Plan Basins 3-301, 3-302, and 3-303 away from the Ridgefield Treatment Plant and into the DCWTS system. This will be accomplished by redirecting the 4-inch force main from the Osprey Pump Station to the existing gravity system at Manhole RF-1350 served by the Taverner 1 Pump Station, redirecting the 4-inch force main from Cassini View Pump Station to the existing gravity system at the manhole in Meadowlark Drive served by the Taverner 2 Pump Station, and redirecting the 4" force main from the Wishing Well Pump Station to the existing gravity system at manhole RF-10 served by the Canyon Ridge Pump Station. Three gate valves will be installed at each connection to the existing force main that serves the Taverner 1, Taverner 2, and Canyon Ridge Pump Stations, allowing flow to be directed to either the Ridgefield Treatment Plant or the DCWTS system. Also, investigate Grinder pump connections in and around S Oak Road with the goal of connecting these systems to the 4" force main served by the Gee Creek Pump Station.

**Project Statistics.** Force Main – 660 feet of 4-inch force main (for Osprey, Cassini, and Wishing Well force mains); 2 wye connections to existing 6-inch and 8-inch force main (for Taverner 1, Taverner 2).

**Photos:** (Map of area on the reverse side)

### Budget Information:

Project Cost Estimate:

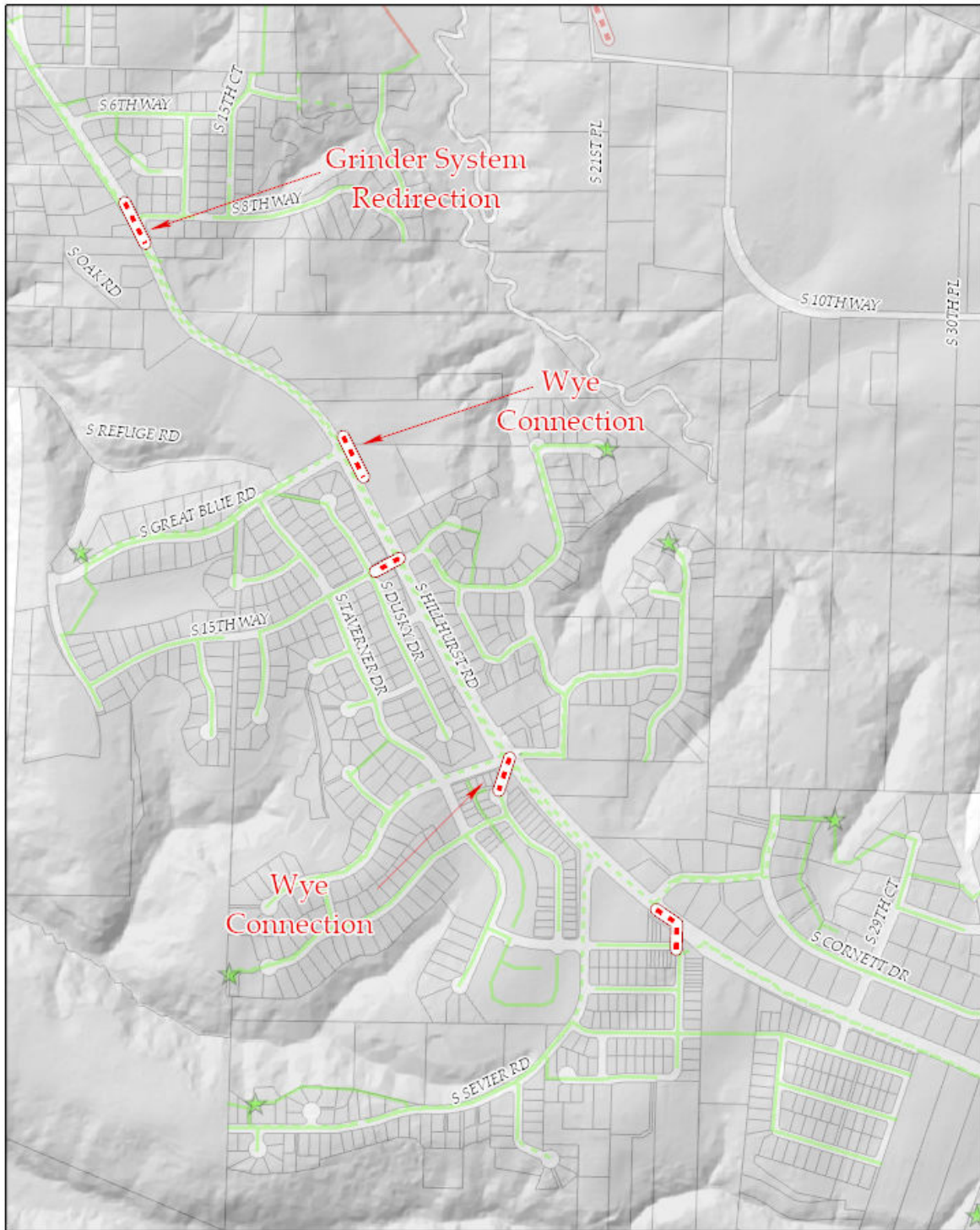
Total Project Cost:	\$110,000
Construction Cost:	\$100,000
Basis of Estimate:	Planning
Date of Estimate:	Sept. 2019

### Schedule Information:

Activity

Year

Predesign	2019
Permitting	2019-2020
Real Property/ROW	2019-2020
Design	2019-2020
Bid	2020
Construction	2020



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