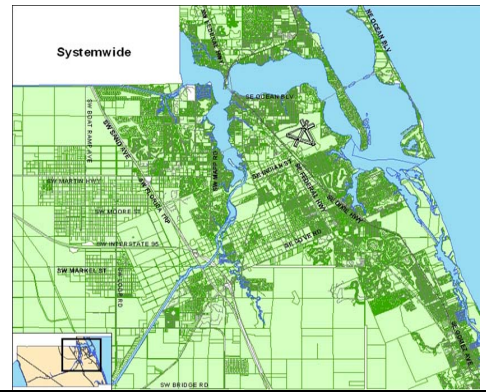


Connect To Protect Grinder System Installation

Category	Non-Concurrency
Project Number	3616
Location	Systemwide
District	Systemwide
Project Limits	Systemwide
Related Projects	
Lead Dept/Division	Utilities
Year Project Initiated	Approved during FY20 Workshop



DESCRIPTION

Provides funding for the on site infrastructure associated with the "Connect to Protect" Program. Funding for on site work includes but is not limited to a small diameter force main, grinder system, electrical work, site restoration, and capital facility charges.

BACKGROUND

The "Connect to Protect" Program was approved by the Martin County Board of County Commissioners and allows for small communities (less than 300 parcels) to be served with an economical and efficient grinder type sanitary sewer system.

PROJECT ORIGATION

Infrastructure Needs

JUSTIFICATION

The "Connect to Protect" Program is one program that assists with the overall goal of eliminating septic tanks and drain fields in the Martin County Utilities Service Area and is used in communities smaller than 300 parcels where a vacuum or gravity system is cost prohibitive.

				Funded					Unfunded
Expenditures	Total	To Date		FY22	FY23	FY24	FY25	FY26	FY27-FY31
Construction	5,447,386	1,447,386		400,000	400,000	400,000	400,000	400,000	2,000,000
Expenditure Total	5,447,386	1,447,386		400,000	400,000	400,000	400,000	400,000	2,000,000
Revenues	Total	To Date	Carryover	FY22	FY23	FY24	FY25	FY26	FY27-FY31
Utilities Fees	5,447,386	1,447,386		400,000	400,000	400,000	400,000	400,000	2,000,000
Revenue Total	5,447,386	1,447,386		400,000	400,000	400,000	400,000	400,000	2,000,000

Total Unfunded 0

OPERATING BUDGET IMPACT

The annual maintenance costs for each grinder unit is estimated at \$77 per year. The maintenance expenses will be recovered from the monthly utility bills. The power for each grinder station is fed from a homes electrical panel and the electrical costs of running each station will be paid for directly by each individual parcel owner. An additional maintenance mechanic will be required for maintenance of the vacuum systems and the grinder systems. The timing of when this additional mechanic is needed will depend on how many customers connect to the force main system and the timing of the vacuum sewer systems, however the tentative schedule is when the Golden Gate Vacuum System comes online.