



PROJECT DESCRIPTION

NFPS performed a feasibility study, master plan and completed the engineering design and cost estimates for a County-owned and operated potable water supply and distribution system and a 125,000 gallon per day (GPD) modular waste water treatment plant that can be expanded in quarter increments up to a 500,000 GPD capacity. The project also included a 19.17-acre effluent spray field to serve the Phase 1 Planning Area along SR-6 East and West of the I-75/SR-6 intersection (Exit 460).

The water treatment and wastewater treatment facilities are located on 78 acres of land off New Hope Church Road approximately 2.7 miles West of Exit 460. Engineering design included installation of two (2) groundwater wells, a water treatment plant, a wastewater treatment plant, a 250,000-gallon capacity elevated storage tank sufficient to provide fire-protection water within the facility's planning area, a 3-mile long water distribution pipeline system along SR 6 and a main wastewater lift station with a 2.5 mile long force main. The modular wastewater treatment plant includes a 460,000 gallon retention basin, irrigation pump station and 19.17 acre sprayfield where reclaimed wastewater is used to grow grass.

The project was funded by a combination of Hamilton County Economic Development Authority funds and low-interest, long term financing from First Federal Bank of Florida (private lender). Construction of this project was completed in 2011. Since that time, NFPS has been providing plant operation services to the County for both the water and wastewater systems.

TOTAL CONTRACT FUNDING

The total contract amount for this FDEP State Revolving Fund (SRF) and SRWMD funded project was approximately:

\$7,500,000

SR 6 / I 75 UTILITIES UTILITIES ENGINEERING

PERFORMANCE PERIOD

130 Calendar Days

DAYS 1-30

- PERFORMED FEASIBILITY STUDY
- PROVIDED MASTER PLAN
- PREPARED GRANT FUNDING APPLICATION

DAYS 31-75

- PROVIDED ENGINEERING DESIGN
- PREPARED ENVIRONMENTAL IMPACT STATEMENT
- OBTAINED PERMIT APPROVALS

DAYS 76-100

- PROVIDED BID PREPARATION
- FACILITATED BID NEGOTIATIONS

DAYS 100-130

- PROVIDED CONTRACT CEI SERVICES & ADMINISTRATION
- CONDUCTED FINAL REVIEW
- PREPARED FINAL REVIEW REPORT
- OBTAINED FINAL ACCEPTANCE

CLIENT REFERENCE

Hamilton County BOCC
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PROJECT MANAGER

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SERVICES PROVIDED

- Grant Administration
- Planning Services & Permitting
- Design and Environmental Impact Statement
- Bidding and Negotiation
- Construction Services and Engineering Inspection
- Post Construction Services

