



Seabreeze Drive Sanitary Sewer Project Tarpon Springs, FL

Project Overview

The City of Tarpon Springs is continuing work on a citywide infrastructure program to convert septic tanks to centralized sewer. This program has significant benefits to the environment and public health. This program has high capital costs and must be prioritized according to areas of greatest feasibility and phased within available funding. The Seabreeze Drive area has been identified as a high priority area and is currently under planning as the next area of centralized sewer construction.

Gravity Sanitary Sewer System

The City of Tarpon Springs has requested that King Engineering Associates, Inc. (King) provide engineering design, permitting, and bidding services for the construction of the new gravity sewer system and pump station in the Seabreeze Drive area. In general, the gravity sewer system will include approximately 2,800 feet of 8-inch diameter gravity sewer main, and 11 manholes which convey raw sewage to a new wastewater pump station. The raw sewage from the pump station will be pumped through a 4-inch pipe that will tie into the existing pipe running along Riverside Drive.



Engineering

King Engineering will be providing engineering services and collecting data within the project limits to assist with design calculations. Data collection within the right of way will include performing topographic (elevation) survey, geotechnical borings to analyze existing subsurface conditions (soils), and subsurface utility engineering to verify the location of existing utilities. As part of the design process it is necessary and important to locate the existing septic tanks located on private property. Residents can expect to be contacted by Denham's Plumbing & Drain Service to perform the initial locate of the existing septic system on their property. Following this process, King will send a survey crew to determine the elevation at the location of the septic tank/sewer lateral tie-

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in. These elevations are critical to ensure that all residents will be able to connect to the new sewer main via gravity. Following data collection, King will perform the final design for the gravity sewer system and pump station.

Project Schedule

Major project milestones are listed below. Milestone completion is approximate and subject to change

- Data Collection: January 2019 – Spring 2019
- Final Design: Spring 2019 – Winter 2019
- Bidding/Construction*: Winter 2019 – TBD

*Note that final determination of project construction will be based on satisfactory bids received. While it is reasonably expected that costs will be within the planned budget, in the event that the results of bids exceed the project budget, the project may be delayed or canceled until a more feasible option is determined.



Lift Station Example



Final Paving from Lake Tarpon Sewer Project