

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

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D. Albrey Arrington, Ph.D., Executive Director

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
Executive Director

FROM: Kris Dean, P.E.
Director of Engineering Services

DATE: July 9, 2015

SUBJECT: Director's Report - Engineering Division
July 2015 Board Meeting

Developer Projects

Staff were active on 12 Developer projects during the month of April including the following activities.

Plan Review: Staff performed project plan reviews including the following.

Els Center of Excellence Phase 2: This project provides a gravity collection system for Els Center of Excellence Phase 2 (final phase) and connects to the Phase 1 gravity system.

Jonathans Landing New POA Building: This project provides a new Property Owners Association building for Jonathan's Landing and includes relocation of the existing service.

Lighthouse Plaza Phase I (fka Seminole Plaza): This project provides re-development of the Seminole Plaza to a medical park. Phase I includes relocation of existing sanitary sewer.

Admiral's Cove Comfort Station: This project relocates the existing comfort station for Admiral's Cove West Golf Course and will abandon the existing septic tank and connect the comfort station to the District's collection system.

Gordon M. Boggie
Board Member

Dr. Matt H. Rostock
Board Member

Stephen B. Rockoff
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

The Bluff's Marina: This project includes a commercial duplex station to serve new marina facilities with connection to an existing low pressure force main.

Jonathans Landing Golf Club: This project expands and remodels the Jonathan's Landing Golf Club. Most important will be the incorporation of additional grease interceptor capacity to address operational issues downstream of their system.

Construction: Staff observed construction activities including the following.

Jonathan's Landing Golf Course Maintenance: This project installs new golf course maintenance facilities and includes relocation of the existing service and a recycle water system for the golf cart wash station.

Jupiter Motor Coach Resort Onsite: This project provides a private lift station and collection system to serve approximately 100 recreational vehicle hook-ups and community facilities. It will ultimately connect to the District via a 6" force main being installed as part of a separate project.

Jupiter Motor Coach Resort Offsite: This project extends the District's 6" force main from Jupiter Farms Shopping Plaza to the Jupiter Motor Coach Resort.

Institute for Healthy Living: This project provides a gravity collection system for the Institute for Healthy Living off Central Blvd. This project will connect to the District's existing Lift Station 250.

Ocean Breeze: This project provides a private gravity collection system and private lift station to serve 24 units on US 1 south of Marcinski Park.

Final Completion: Staff performed final inspection activities and asbuilt review on the following.

Abacoa Town Center Phase IV (Part 2): This project installs a gravity collection system to serve the new development now known as Allure. It is located at Parkside Drive and Cades Bay.

One Year Inspections: None

Capital Projects

Staff were active on 13 Capital projects during the month of May including the following activities.

Design/Bid: Staff are currently in the design or bidding phase for the following projects.

2015 Lift Station Rehabilitations: This project provides rehabilitation and upgrades to 6 existing District lift stations that are deficient.

Clark Lane Low Pressure Sewer System: This project provides low pressure sewer system to serve 8 lots on the north side of Old Jupiter Beach Road.

Consultant Review: Staff performed reviews for the following projects.

Little Oaks/River Oaks Gravity Collection System: This project installs a gravity collection system and lift station to serve a combined 71 lots in the Little Oaks and River Oaks developments off of Roebuck Road.

Jupiter Inlet Colony Neighborhood Rehabilitation: This project provides a gravity collection system and lift station to serve the approximate 240 homes and town facilities located in Jupiter Inlet Colony.

Turtle Creek Preliminary Engineering Report: The report looks at sewerage options for the remaining unsewered portions of Turtle Creek.

Master Lift Station Rehabilitation Preliminary Engineering Report: This report looks at the final phase of rehabilitation for the Master Lift Station located just east of Pennock Ln and Indiantown Rd. The project will include pump replacement, electrical system evaluation, piping modifications, bypass facilities, isolation valves and coatings.

Rolling Green Low Pressure System: A neighborhood sewerage project for 24 properties located on Rolling Green Rd west off Ellison Wilson Rd, just south of Bert Winters Park.

Construction: Staff provided construction inspection and engineering oversight to Fox Run Low Pressure Sewer System during the month of March.

Ocean Cove Force Main Replacement: This project replaces an existing 6" AC force main and removes an existing 4" AC force main from Lift Station 85 to US 1. Two change orders were approved for this month to address additional grouting requirements

and additional engineer fees.

Palmwood Low Pressure Sewer System: Project includes an extension to an existing low pressure force main to serve 6 lots on Palmwood Drive.

A1A Bike Lane Project: A Town of Jupiter project that expands the A1A between US 1 and Indiantown Rd. Various modifications to District infrastructure are included to accommodate the project.

Dubois Park Low Pressure Sewer System: This project provides low pressure sewer services to the 3 remaining lots on Dubois Rd. Staff are coordinating with archeologists during excavation activities to ensure preservation of artifacts that may be in the construction area.

Final Completion: Staff performed final inspection activities and asbuilt review on the following.

Center Street Insitu Repairs: Project includes point repairs and service lining for portions of the vitrified clay pipe collection system in Center Street.

One Year Inspections: Staff performed one year inspection activities on the following.

Eagles Nest: A neighborhood sewerage project for 98 properties located off of Loxahatchee River Road.

Construction

Staff were involved in various projects during the month of May, including the following activities.

Low Pressure Sewer System Upgrades: Staff worked on low pressure sewer system upgrades on Conch Bar Ave.

BS200: Staff changed out a 20" check valve at BS200.

Frame and Cover Adjustments: Staff removed failed risers and raised manhole frame and covers in Loxahatchee Drive, Hepburn Ave and surrounding areas.

Signed,

Kris Dean, P.E.
Director of Engineering Services

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