

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: May 14, 2015

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

Developer Projects

Staff were active on 16 Developer projects during the month of April including the following activities.

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

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.

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.

Construction: Staff observed construction activities including the following.

Jonathan's Landing Golf Course Maintenance: This project installs new golf course

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Board Member

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Board Member

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Chairman

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Board Member

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Board Member

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.

Final Completion: Staff performed final inspection activities and asbuilt review on the Els Center for Excellence, Jupiter Medical Park Phase 2, Jupiter Country Club Pod E Phase 3, Villa Diamante and Pennock Preserve PUD Phase 1.

Els Center of Excellence Phase 1: This project provides a gravity collection system for Els Center of Excellence Phase 1 with connection to the District's existing gravity system in Limestone Creek Rd.

Jupiter Medical Park Phase 2: This project abandons a private lift station and provides a new gravity collection system for the new medical facility located off Military Trail just north of Indian Creek Parkway.

Jupiter Country Club Pod E Phase 3: This project installs a gravity collection system for the final 24 lots in Jupiter Country Club Pod E with connection to Phase 2.

Villa Diamante: This project installs a gravity collection system to serve 20 lots in a new development on Old Jupiter Beach Road.

Pennock Preserve PUD Phase 1: This project installs a gravity collection system and new lift station to serve 17 lots in a new development on Island Way in Martin County.

One Year Inspections: Staff performed 1-year inspections at Bert Winters Park, the Fresh Market and the Preserve at Juno.

Bert Winters Park: This project provided modifications to Bert Winters Park, a Palm Beach County park located south of Donald Ross on Ellison Wilson Road.

The Fresh Market: This project modified the existing gravity system to serve the new Fresh Market and included grease interceptors.

The Preserve at Juno: A residential development in Juno Beach for 29 lots. The project consisted of gravity collection systems and two commercial duplex pump stations.

Capital Projects

Staff were active on 10 Capital projects during the month of April 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.

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.

Consultant Review: Staff performed reviews for the Little Oaks/River Oaks gravity sewer system, Rolling Green Low Pressure Sewer System and Turtle Creek Preliminary Engineering Report.

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.

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

Set n Sun: This project installs a low pressure sewer system to serve 31 lots in the Set n Sun development off of Loxahatchee River Road.

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.

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

Final Completion: None.

One Year Inspections: None

Construction

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

Y-checks: Staff are working to complete the final group of y-check valve replacements with approximately 30 replaced in April.

Lift Station 63: Staff replaced isolation valves on either side of the 6" force main FEC railroad crossing at Riverside Drive. Construction and Operations coordinated for completion of the project which included a daytime shutdown of Lift Station 63 and installation of a temporary line stop.

Signed,

Kris Dean, P.E.
Director of Engineering Services

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