

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: April 9, 2015

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

Developer Projects

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

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

Inlet Plaza: This project develops an empty parcel north of Alt. A1A along US 1 and includes connection to our existing gravity sewer system.

Lakewood Commercial: This project develops the commercial property on the north side of Indiantown Rd. just west of the Turnpike Plaza. It will include provisions for providing sanitary sewer service to the Turnpike Plaza.

Pennonck Preserve Phase II & III: This is a redesign of the gravity system to serve Phase 2 and 3 of the development based on the recently approved revised development. It will consist of a gravity system and lift station with connection to the existing 8" force main in Island Way.

Jupiter County Club Pod D: This is the final pod to be developed in Jupiter Country Club. It will consist of a gravity system with connection to the existing LS 292 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

Construction: Staff observed construction activities including the following.

Georgian Park Paving Project: This project repaves the private roads in Georgian Park. The gravity manholes in Georgian Park will be raised to the new elevations with riser rings as part of the project.

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.

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.

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 Jupiter Medical Park Phase 2, Jupiter Country Club Pod E Phase 3, Villa Diamante and Pennock Preserve PUD Phase 1.

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.

Limestone Cay: This project provides a gravity collection system for Limestone Cay

with connection to the District's existing gravity system in Limestone Creek Rd.

One Year Inspections: Staff performed 1-year inspections at Tanah Keeta and Windsor Park East Phase 3.

Tanah Keeta: This project provided a private community grinder system to serve the boy scout camp in southern Jonathan Dickenson State Park. This system connects to the 4" low pressure force main serving Jonathan Dickenson State Park and discharges to the collection system for Lift Station 42.

Windsor Park East Phase 3: This project installed a gravity collection system for the Windsor Park East Phase 3 located north of Dakota Drive, east of Central Blvd.

Capital Projects

Staff were active on 11 Capital projects during the month of March including the following activities.

Design: Staff are currently in the design phase for 2015 Lift Station Rehabilitations.

2015 Lift Station Rehabilitations: This project provides rehabilitation and upgrades to 6 existing District that have been determined to be deficient.

Consultant Design Review: Staff performed plan and specification reviews for the Little Oaks/River Oaks gravity collection system.

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.

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.

Final Completion: Staff completed the final inspection for Fox Run Low Pressure Sewer System during the month of March.

Fox Run Low Pressure Sewer System: This project installs a low pressure sewer system to serve 41 Lots in the Fox Run development off of Loxahatchee River Road.



Contractor crews hand digging low pressure force main trench during construction.



Restored trench after installation of the low pressure force main.

One Year Inspections: None

Construction

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

Y-checks: Replacement of PVC service box valves (including the PVC y-check valves) with brass valves. Approximately 10 were replaced in March.

Lift Stations 191 and 141: Construction staff in coordination with Operations replaced pumping equipment and piping in Lift Stations 191 and 141.

Signed,

Kris Dean, P.E.
Director of Engineering Services

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