



Indian Hills Recreation Area (Stormwater Improvements)





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(Stormwater Improvements)

Project Description: A joint St. Lucie County, City of Fort Pierce stormwater project retrofitting an existing drainage system that provides treatment for a 1,242 acre urbanized drainage basin. This project will provide a treatment train which includes six different Best Management Practices (BMP's) over the 60 acres of land. The treatment train includes (1) enlarging the size of the stormwater treatment lake; (2) relocation of the weir and filling of the existing intake and by-pass canal; (3) construction of an alum treatment system; (4) enhancing littoral zones along the lake shoreline; (5) installation of floating vegetative mats; and (6) construction of bio-swales.

In addition to the stormwater improvements, recreational elements were included within the project. The construction includes a walking trail that encircles the lake, including two pedestrian bridges crossing over open water, a pervious paver parking lot, littoral zone plantings, and upland landscaping.

Project Funding: A partnership project which includes multiple agencies and funding sources which include:

◆ St. Lucie County:	Property Owner
◆ Florida Communities Trust:	\$2,500,000
◆ Florida Department of Environmental Protection:	
	TMDL Grant: \$ 900,000
	319 Grant: \$ 510,000
◆ St. Lucie Issues Team Grant:	
Through: Treasure Coast RC&D	\$ 370,484
◆ City of Fort Pierce - Stormwater Utility	\$ 480,841

FUNDING TOTAL

\$4,761,325



Contract: The project was competitively bid and approved by City Commission in February 2014. The total contract amount for Phase I is \$2,787,688

Prime Contractor: **Paul Jacquin and Sons, Inc.**
Fort Pierce, FL

Sub-Contractors:

Beemats – Smyrna Beach – Floating Aquatic Islands

Daniels Fence – Stuart – Fence

Hardscapes – Ft. Pierce – Pavers

Walton Electric – Vero – Electric

Odyssey Manufacturing – Tampa – Alum Plant

P&C Construction – Ft. Pierce – Concrete

RK Contractors – Ft. Pierce – Sitework & Utilities

Superior Waterway Services – Riviera Beach – Littoral Plantings and Landscape

Unlimited Turf – Okeechobee – Sod

Wilco – Ft. Pierce – Bridges and Weir

Consultants:

Kimley Horn and Associates— Vero— Design / Construction Engineering Services

Dunkelberger Engineering and Testing—Port St. Lucie— Geotechnical Testing

Treasure Coast Resource Conservation & Development Council— Ft. Pierce—Construction Inspection, Grant Administration

Project Status: Construction began on June 1, 2014. Currently construction is 99% completed. Final completion is scheduled for June 2015. To date, a total of \$2,631,563 has been expended for construction.

Phase II of the project has just recently been designed. This work will include the reestablishment of the wetlands on the south side of Savannah Road. Extensive clearing, earthwork and wetland plantings will be accomplished. Also included in this phase will be a canoe launching facility / docks, nature trail which will include five pedestrian bridges and a pervious paver parking area all on the south side of Savannah Road. Additional recreational amenities will also be added including fitness equipment along the walking trail on the north side, picnic shelters both north and south of Savannah Road and a connecting path between the north and the south improvements.