

Stormwater Projects

31

02-831 Storm Sewer Pipe Rehabilitation

Various stormwater rehabilitation projects.

To evaluate and locate potential areas of concern which would require stormwater pipes to be lined

Managing Department: Utilities (WS or SW)

Project Manager: Mike Taylor

Phase: Construction

Source of Funding

Stormwater Fund 425	\$2,900,169
Total	\$2,900,169

Prior Expenditures: \$2,726,747

FY2017: \$173,422

Progress the month of: November, 2016

Lined 5 pipes in October that were in bad shape

Next Months Goals:

Completed inspections on the 5 pipes that were lined. Inspecting areas in need for future pipe lining. Waiting on lining contract so we can line more pipes that are in bad shape. Waiting on a quote to get more pipes lined.

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design	N/A	N/A			N/A	
Construction	INSITUFORM				123296	

Design PO's

Construction POs

Purchase Order	Company:	Paid to date:	Purchase Order Total
123296	LCCI CONSTRUCTION	\$16,186.78	\$16,186.78

Supports Strategic Plan Initiative:

Quality and Affordable Services 1.0 Safety

1.6. Improve stormwater disposal and treatment process

Repairing storm drainage headwalls, including the addition of one way valves.

10/1/10 2238 Cypress Bend Drive North Stormwater Headwall completed NW 18 Avenue and NW 21 Street Headwall completed. Point repair for the Esquire Lake overflow in front of Pinnacle village has been completed 12/10/10 Replaced storm drain outfall at 1210 SE 3rd Street

Managing Department: Engineering, Utilities (WS or SW)

Project Manager: Mike Taylor

Phase: Construction

Source of Funding

Stormwater Fund 425	\$158,148
Total	\$158,148

Prior Expenditures: \$100,153
FY2017: \$57,995

Progress the month of: November,2016

Ordered a 10" tideflex valve and completed installation. Pinnacle village point pipe repair has been awarded to Johnson-Davis Inc. The point repair has been completed.

Next Months Goals:

Completed pinnacle village pipe repair.

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design	N/A	N/A				
Construction					111286	80

Design PO's

Construction POs

Purchase Order	Company:	Paid to date:	Purchase Order Total
111286	MOLLOY BROS. INC.	\$17,415.00	\$17,415.00

Supports Strategic Plan Initiative:

Quality and Affordable Services 1.0 Safety

1.6. Improve stormwater disposal and treatment process

14-251 Stormwater - Lyons Park Neighborhood

The Lyons Park Neighborhood is located west of South Cypress Road, north of McNab Road, east of South Flagler Avenue and south of SW 8th Street. This area is residential with chiefly single family homes, which is served by an existing stormwater collection system. The system is inadequate since it was built many years ago when the standards were not as stringent for new construction.

Project Created- April 8, 2014

Managing Department: Utilities (WS or SW)

Project Manager: Alessandra Delfico

Phase: Design

Source of Funding

Stormwater Fund 425	\$2,291,479
Total	\$2,291,479

Prior Expenditures: \$417,730
FY2017: \$1,873,749

Progress the month of: November,2016

90% plans received and have been reviewed. Documents for nine easements were sent to property owners on October 12th. If the easements are not obtained soon it could delay the project.
3 of the 9 easements were received.

Next Months Goals:

Continue the final design and permitting. Contact property owners for easements

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design	RJ Behar				142581	90
Construction						

Design PO's

Purchase Order	Company:	Paid to date:	Purchase Order Total
142581	RJ BEHAR & COMPANY INC	\$190,308.41	\$190,308.41

Construction POs

Supports Strategic Plan Initiative:

- Quality and Affordable Services 1.0 Safety
- 1.6. Improve stormwater disposal and treatment process

The project area for the Esquire Lake Neighborhood is located on the west side of the Powerline Road, south of Martin Luther King Boulevard. This residential neighborhood contains a lake towards the east side, which collects runoff from all local roadways through gravity stormwater pipes ranging from 12 inches to 36 inches. The lake has a weir type control structure that overflows to the system on Powerline Road. System improvement alternatives investigated for this study area include pipe size upgrades and Exfiltration trenches.

Managing Department: Engineering

Project Manager: Alessandra Delfico

Phase: Design

Source of Funding

Stormwater Fund 425	\$344,708
Total	\$344,708

Prior Expenditures: \$311,093

FY2017: \$33,615

Progress the month of: November,2016

Final permitting. Final design underway. One hundred percent plans were received and are being reviewed. Construction is estimated to cost \$3 million.

Next Months Goals:

The final permitting will continue. Apply for SRF Funding.

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design	Mathews Engineering				142789	90
Construction						

Design PO's

Purchase Order	Company:	Paid to date:	Purchase Order Total
142789	MATHEWS CONSULTING INC	\$133,594.00	\$133,594.00

Construction POs

Supports Strategic Plan Initiative:

Quality and Affordable Services 1.0 Safety

1.6. Improve stormwater disposal and treatment process

The Kendall Lake Neighborhood is a residential neighborhood bounded by NW 21st Street on the north, by NW 16th Street on the south, NW 5th Way on the west and NW 1st Avenue on the east. The study consists of single family developments, which are completely built out. The existing stormwater system is composed of two independent systems. The existing stormwater system in the northeast portion of the study area is a closed Exfiltration trench system in the low lying areas. The existing stormwater system in the western portion of the study area includes a drainage pipe network which discharges via three outfalls into Kendall Lake, which does not have an overflow connection and has been observed with a very high water level. The proposed improvements should focus on reducing stormwater runoff flowing into entering Kendall Lake.

Managing Department: Engineering

Project Manager: Alessandra Delfico

Phase: Design

Source of Funding

Stormwater Fund 425	\$426,446
Total	\$426,446

Prior Expenditures: \$116,906
FY2017: \$309,540

Progress the month of: November,2016

Preliminary design report being finalized.

Next Months Goals:

Continue working.

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design	Mathews Consulting				162524	5
Construction						

Design PO's

Purchase Order	Company:	Paid to date:	Purchase Order Total
162524	MATHEWS CONSULTING INC	\$161,850.34	\$222,803.00

Construction POs

Supports Strategic Plan Initiative:

Quality and Affordable Services 1.0 Safety

1.6. Improve stormwater disposal and treatment process

The Gateway Drive study area is a commercial and industrial neighborhood bounded by West McNab Road to the south, by Powerline Road to the east, by SW 36th Avenue to the west and by SFWMD C14 Canal to the north. Due to the commercial nature of the study area, the public right-of-way areas have a high percentage of impervious ground coverage, which limits the infiltration of stormwater runoff into the ground surface. The public roadways within the study area have a limited existing stormwater system which discharges into a stormwater pond with an overflow connection to the SFWMD C-14 Canal. According to resident complaint information, the potential flooding areas are located in right-of-way areas without existing drainage facilities, which is along SW 29th Avenue, SW 28th Avenue, and SW 27th Avenue.

Managing Department: Engineering

Project Manager: Alessandra Delfico

Phase: Design

Source of Funding

Stormwater Fund 425	\$541,720
Total	\$541,720

Prior Expenditures: \$10,438
FY2017: \$531,282

Progress the month of: November,2016

Preliminary design report underway. Survey has been completed.

Next Months Goals:

Continue with the preliminary design.

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design	Mathew's Consulting				163217	
Construction						

Design PO's

Purchase Order	Company:	Paid to date:	Purchase Order Total
163217	MATHEWS CONSULTING INC	\$14,891.10	\$194,360.00

Construction POs

Supports Strategic Plan Initiative:

Quality and Affordable Services 1.0 Safety

1.6. Improve stormwater disposal and treatment process

17-308 Stormwater - Pipe Lining and Miscellaneous Projects

This project is for lining stormwater pipes to repair deteriorated pipes including small projects to replace or add stormwater facilities; such as, stormwater pipes that discharge to canals and the Intra-coastal between homes and under roads. It also includes repairs to piping that requires replacement or repairs to French drain systems.

Managing Department: Utilities (WS or SW)

Project Manager: Alessandra Delfico

Phase: Design

Source of Funding

Stormwater Fund 425	\$200,000
Total	\$200,000

Prior Expenditures: \$0
FY2017: \$200,000

Progress the month of: November,2016

No report.

Next Months Goals:

	Consultant/Contractor	Time Frame	Start Date	End Date	PO#	% Complete
Design						0
Construction						0

Design PO's

Construction POs

Supports Strategic Plan Initiative:

Quality and Affordable Services 1.0 Safety

1.6. Improve stormwater disposal and treatment process