

Big Cypress Basin Capital Project Update

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sfwmd.gov



Miller Weir #3 – Gate Replacement



- Miller Weir #3 was constructed in 2014
- Project replaces double leaf gates with single leaf gates to improve reliability and operations
- Construction contract executed with TLC Diversified, Inc. for \$433,600
- Contract duration is 460 days to Final Completion
- Notice to Proceed issued on July 30, 2020

New Program - Canal Bank Stabilization

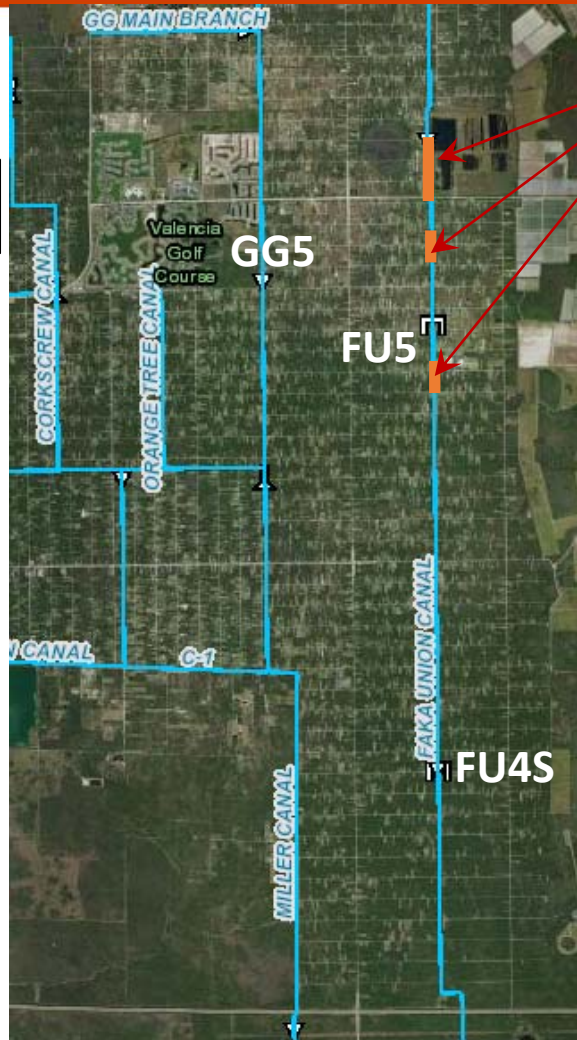
Faka Union Canal (2020)



Top of Bank (2010)



Top of Bank (2020)



Documented Bank Erosion



Faka Union Canal (2010)

New Program - Canal Bank Stabilization

- Program Goals
 - Optimize canal flood protection/keep sediment from filling in canal
 - Protect canal rights of way and public/private infrastructure
 - Make improvements beyond routine maintenance by field station
- Full Assessment of BCB Canals
 - Develop rating system to compile conditions index matrix
 - Utilize matrix to program bank stabilization projects into capital program
- Next Steps
 - Begin systemwide assessment (FY2020-21)
 - Commence design on known higher risk areas on Faka Union canal (FY2020-21)

Look Ahead

- 1. SCADA Stilling Well Package 1 – Project installs new stilling well platforms for GG6-7 tailwater, DSOTO10 headwater, and CORK1 tailwater. Project out for bid in September.**
- 2. Cypress Canal Structure #1 – Project relocates the structure south of Vanderbilt Beach Road expansion. Ready to advertise package will be complete by September. Tentative Governing Board – November 2020.**
- 3. CORK2 & FU5 – Project adds remote operations to CORK2 and generator building to FU5. Final design deliverable in review. Tentative Governing Board - February 2021.**

5-Year Capital Improvement Plan

BCB Capital Projects	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24	Fiscal Year 2024-25
Structure Inspection Program	\$0	\$0	\$225,000	\$225,000	\$0
SCADA Replacements	\$275,000	\$145,000	\$0	\$0	\$150,000
Remote Monitoring & Communications	\$500,000	Project Complete			
Cypress #1 Structure Relocation	\$250,000	\$2,000,000	\$1,300,000	Project Complete	
Electrification and Remote Operations	\$1,100,000	Project Complete			
Canal Improvements	\$1,000,000	\$900,000	\$900,000	\$1,300,000	\$1,620,000
C-1 Connector Canal Control Gate	\$300,000	\$250,000	\$1,000,000	\$1,200,000	\$0
Miller #3 Gate Replacement	\$250,000	Project Complete			
Cork 3 Replacement	\$0	Project Not Started		\$250,000	\$1,000,000
I-75-1 Weir Removal	\$0	\$250,000	\$500,000	\$500,000	\$0
I-75-2 Weir Replacement	\$0	Project Not Started		\$250,000	\$1,100,000
Total	\$3,675,000	\$3,545,000	\$3,925,000	\$3,725,000	\$3,870,000

Questions?

