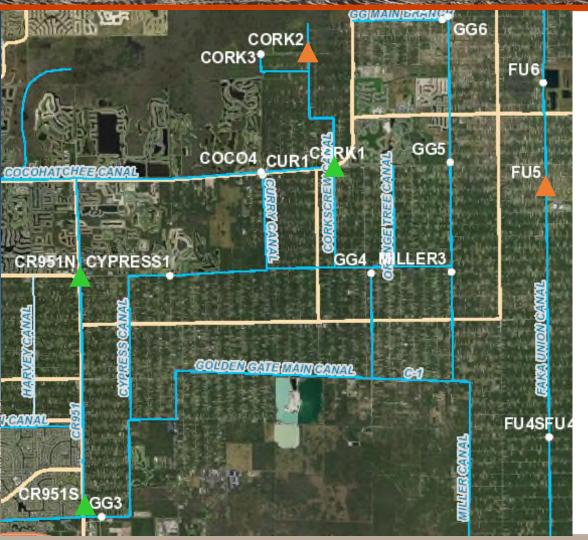
Electrification and Remote Operations



- Improves operational response time, adds resiliency, lowers field station staff burden, and increases staff safety
- Package 1: CORK1, CR951N, CR951S add powered operations only
 - Construction completion Spring 2021
- Package 2: Includes CORK2 remote operations and FU5 generator building
 - Advertise for bids Spring 2021
 - Construction Summer 2021



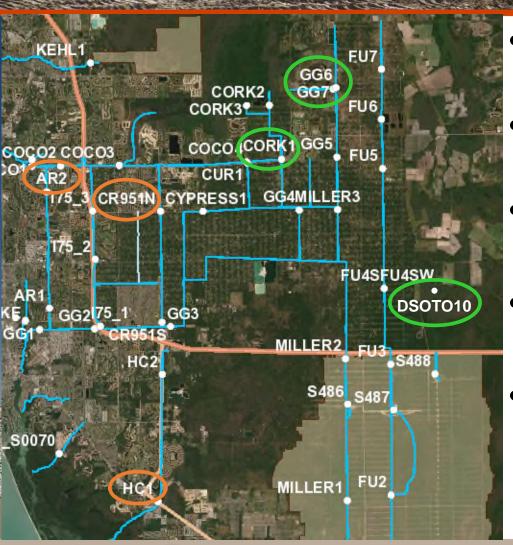
Electrification and Remote Operations



CR951N: New Gate Header, Stem & Actuator

CORK1: New Gate Header, Stem & Actuator

SCADA Replacements



- Increases ability to make real-time decisions for flood control and water conservation operations
- Adds ability to accurately calculate & report flowrates to improve modeling and operations
- Radio upgrades for 95 existing monitoring sites
 - installation in FY21/FY22
- Package 1 New sites CORK1, DSOTO10, GG6/7
 - Construction start in February 2021
- Package 2 New sites CR951N, AR2, upgrade HC1
 - Final design plans February 2021
 - Construction summer 2021

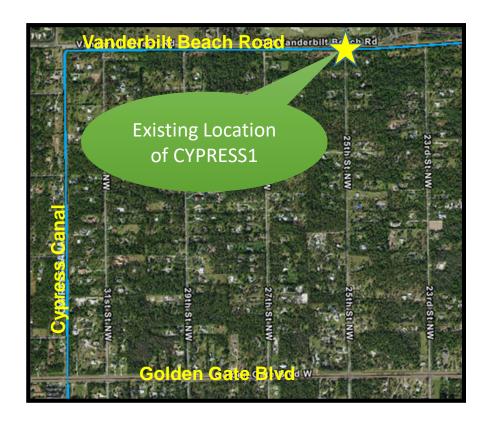


Miller #3 Gate Replacement



- Structure constructed in 2014
- Replacement of 3 gates on existing water control structure
- Replaces double leaf gates with single leaf gates to improve reliability and operations
- Restores full flood control capacity as originally designed
- Construction completion Fall 2021

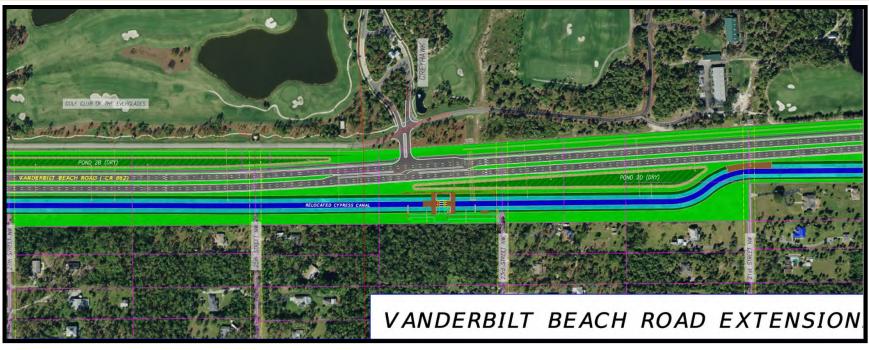
Cypress Canal Weir Replacement



- Replace older deficient structure in a new canal alignment south of the existing canal
- Canal work to be performed by Collier County
- New structure will:
 - Reduce operation response time
 - Improve dry season groundwater recharge
 - Reduce dry season discharges to Naples Bay
 - Increase structure flow capacity by 22%



Cypress Canal Weir Replacement

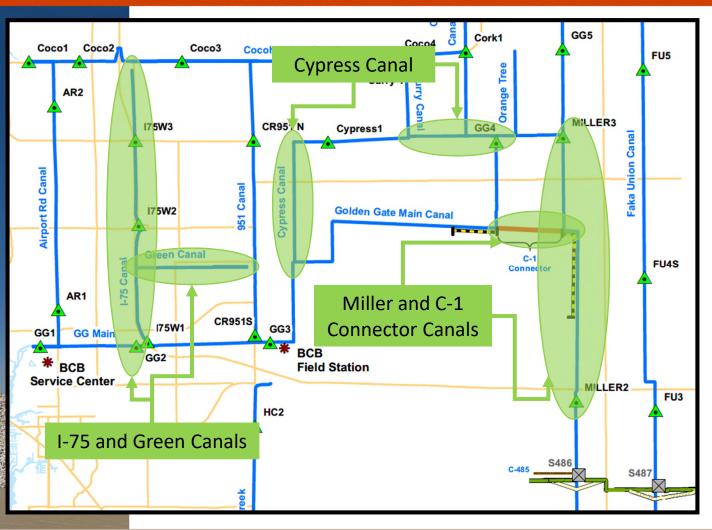




- April Governing Board request for approval
- Construction start Summer 2021 1 yr. duration
- Construction Cost Estimate \$3.5M



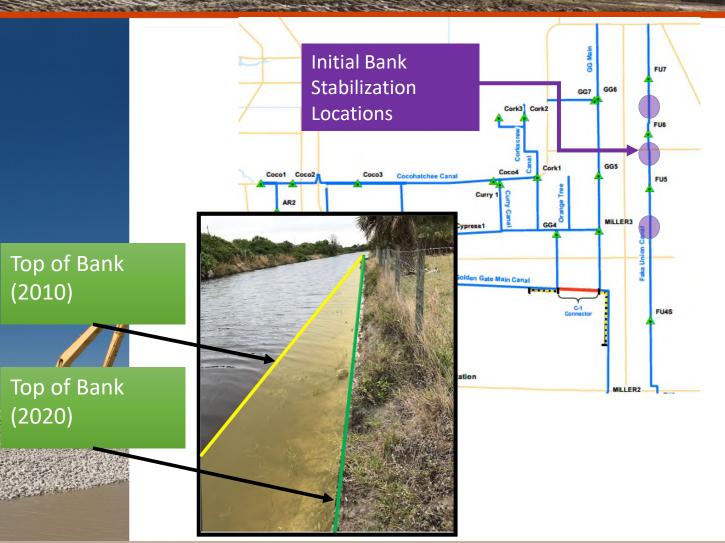
Canal Improvements



- Remove choke points in canal systems to lower flooding depths
- Multi-year program to evaluate and improve flood management
- Areas selected based on the 2018 Level of Service (LOS) study findings
- Expected assessment completion dates:
 - I-75, Green, Cypress Canals Spring 2021
 - Miller & C-1 Canals Summer 2021



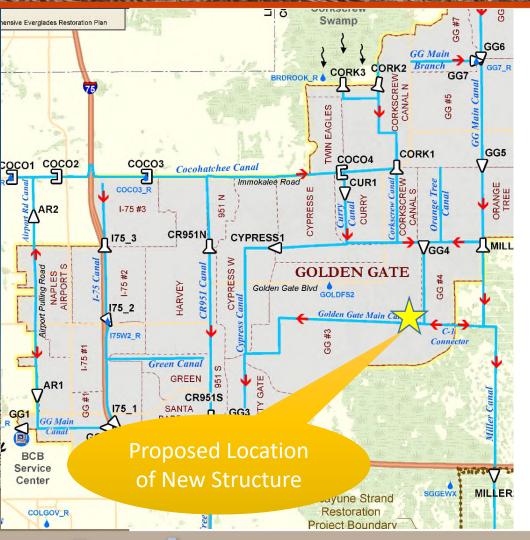
Canal Improvements - Canal Bank Stabilization



- Protect canal rights of way and public/private infrastructure
- Prevent bank sediment from blocking canals
- Assess, prioritize, and repair known areas of erosion
- Develop assessment & ranking system to prioritize improvements for 143 miles of BCB canals
- Faka Union Bank Stabilization sites are being surveyed and design has commenced



C-1 Connector Canal Control Structure



- Improve surface & groundwater levels during dry season
- New water control structure near C-1 and Miller Canal intersection
- Complements C-1 Canal Improvements project
- Conceptual design included in Canal Improvement project Summer 2021
- Design completion Winter 2022
- Construction start Spring 2023



BCB Capital Budget Updates

- > Fiscal Year 2020 2021 Approved Budget \$3,675,000
- > Executed work to date 28% of budget
- > Upcoming construction contracts:
 - Cypress Canal Weir Replacement
 - Electrification and Remote Operations Package 2
 - SCADA Replacements Package 2



