



# Big Cypress Basin Capital Project Update

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Operations, Engineering and Construction

September 2015

# Scour and Riprap Repairs

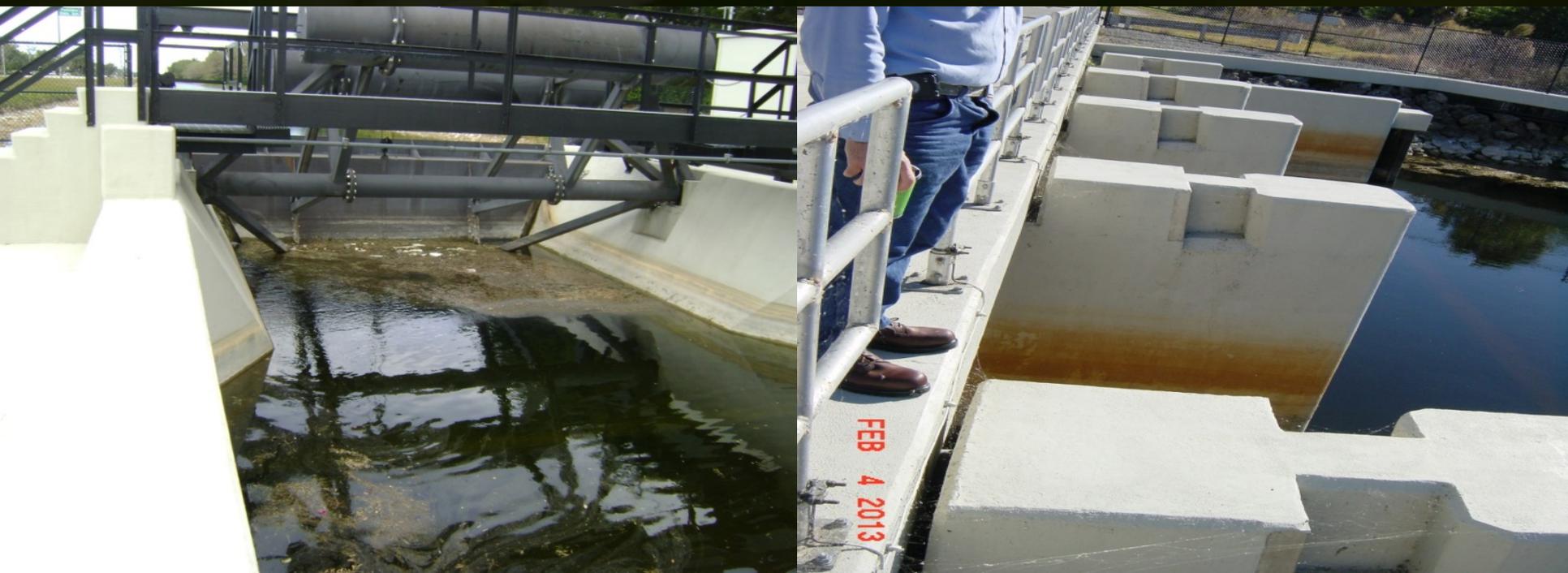
## • Faka Union #4

- Project consists of repairing existing riprap that has sloughed into the canal
- Advertised for bid on July 15
- Low Bidder is Kelly Brothers, Inc. at \$328,373 (Budget Amount \$360k)
- NTP scheduled for end of August and completion in January 2016.



# BCB Fall Protection

- Phase 1 Package
  - GG 1, GG 2, GG 3, FU 4, ARS/CR31, CR951-1, HEN 2, I75-1, and I75-2
  - Advertised for bid on July 23
  - Apparent Low Bidder is Zep Construction at \$473,480 \*



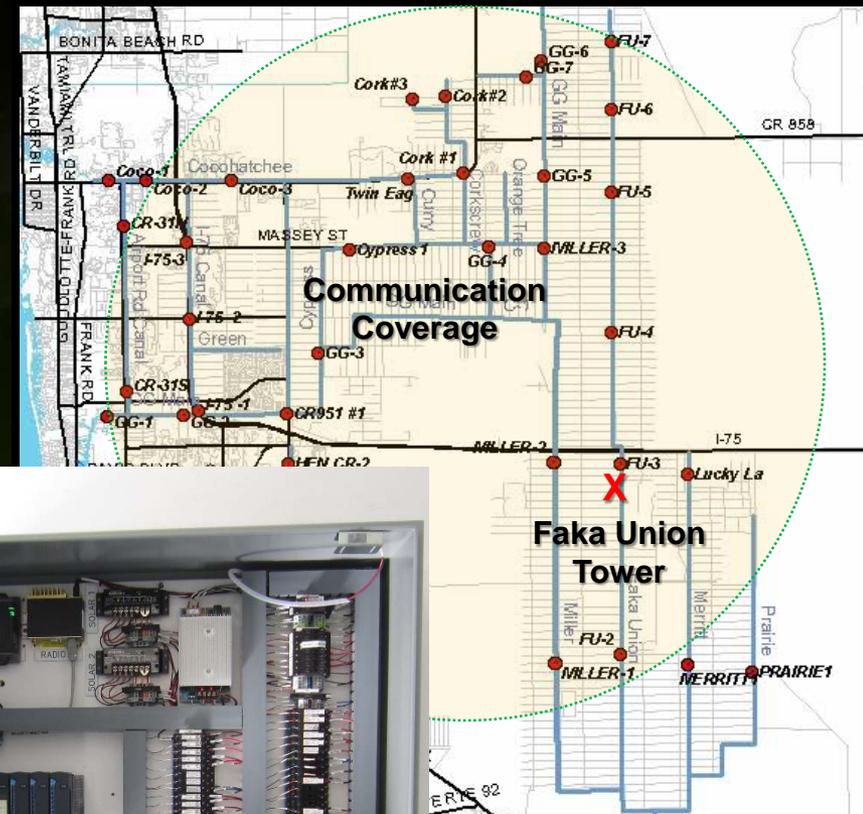
# Golden Gate Weir #4 Replacement

Scheduled for  
external design  
in FY16 with  
construction the  
end of FY17



# Remote Monitoring and Communication

- Upgrade current CR10s and MOSCADs to ACE RTUs for 9 sites.
- Currently building ACE RTUs at FOC facility.
- FY16 installation of ACE RTUs.
- Complete communication install in FY17.





# Big Cypress Basin Field Station Relocation Project Update

# Construction Phase

## Schedule

- April 2015 Issue NTP for Phase 2 (Issued 4-8-15)
- April 2016 Substantial Completion
- May 2016 Final Completion

## Cost

**\$6,730,359**

## Key Activities Completed Since Last Update:

- Poured Administration Building slab on grade (SOG).
- Energized transformer.
- Poured and placed all concrete tilt-wall panels (40 total), and installed temporary bracing.
- Procured and delivered structural steel, and installed the perimeter deck angles and clips.
- Currently installing structural steel columns, crane girders, and joists.

# Initiation

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
BIG CYPRESS BASIN FIELD STATION  
RELOCATION PROJECT  
COLLIER COUNTY, FLORIDA**

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Blake C. Guillory, P.E., Executive Director

## Installation of sediment controls



# Site Prep



# Construction Phase

Importing fill, and survey/layout for Administration, Maintenance and Covered Storage Building pads



# Construction Phase

Excavation, placement of steel reinforcement and electrical and plumbing, and pouring of building foundations.



# Construction Phase

## Casting Beds for Tilt-Wall Panels



# Construction Phase

## Concrete Tilt-Wall Panels



# Construction Phase

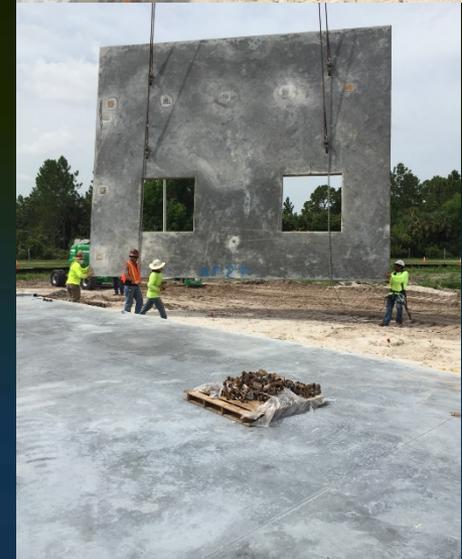


Administration Building slab on grade  
(SOG)



# Construction Phase

## Installing Concrete Tilt-Wall Panels



# Construction Phase

## West Elevation (Main Entrance)



# Construction Phase



North Elevation



South Elevation

# Construction Phase – Structural Steel



# Questions?

