



# Big Cypress Basin Capital Project Update

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# BCB Fall Protection – Phase 1

- 9 Sites: GG 1, GG 2, GG 3, FU 4, ARS/CR31, CR951-1, HEN2, I75-1, I75-2
- NTP Date - October 19, 2015
- Substantial Completion scheduled for March 17, 2016 was not met
- Subcontractor delays in fabrication of steel materials
- Contractor requesting additional time – 45 days



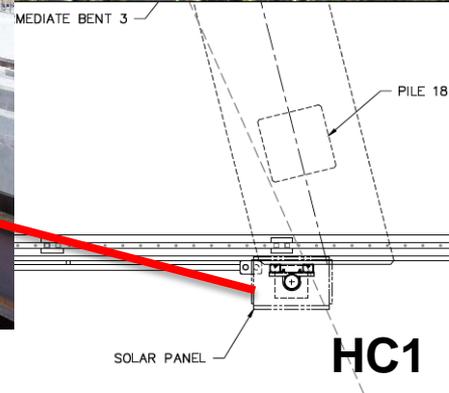
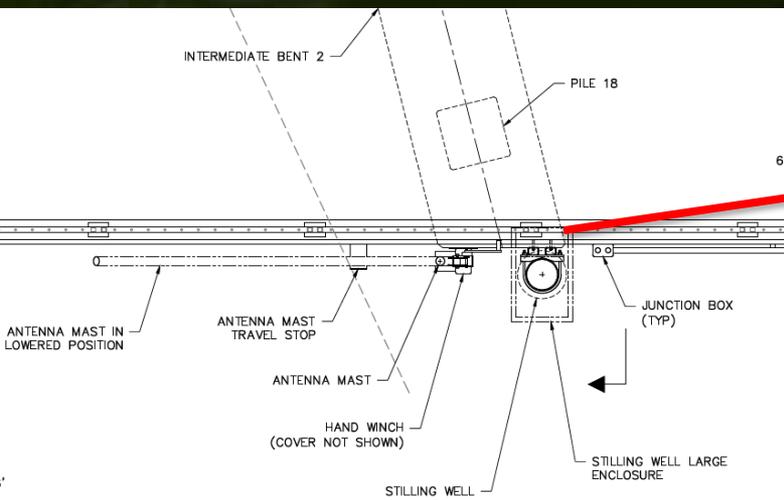
## BCB Fall Protection – Phase 2

- **11 Sites: COCO1, COCO2, COCO3, Cork 1, Cork 2, ARN (CR31), CR951-2, HEN 1, I75-3, TWINE and FU5**
- **Design to be completed by July 2016**
- **Construction to commence in October 2016**
- **Preliminary FY17 budget was \$300,000**
- **Proposed FY17 budget is \$725,000**
- **Budget increase due to addition of 5 catwalks to access gates at 4 structures**



# Stilling Well Replacements – HC2 & HC1

- HC2 and HC1 – High priority due to failing conditions
- HC2 – CJ Contracting for \$198,500
- NTP Feb 1, 2016
- HC1 added to contract for \$61,800
- Original Final Completion Sept 8, 2016
- Revised Final Completion Dec 7, 2016



HC1

# Stage Recorders and Rain Gages

- Stage Recorders at 4 sites: Twin Eagles, I75-3, FU6, and CR951-2
- Rain Gages at 2 sites: I75-2 and GG7
- Proposal received for GG7 and I75-3
- SOW in review for 4 remaining sites
- \$247,500 Budgeted in FY16



Stage Recorder at FU1



05/12/2015 10:54

Rain Gage at GG3



# Golden Gate Weir #4 Replacement

- Preliminary design submittal (30%) was February 2016
- Modeling team evaluating several configurations to optimize structure for operational flexibility
- Construction scheduled to start 4<sup>th</sup> Quarter of FY17



# Curry Canal

- Modeling pre and post conditions for a new structure south of Immokalee Road
- Design to tentatively start in June/July
- Construction estimated to start 4<sup>th</sup> Quarter FY17



## Scour and Riprap Projects

### COCO1 Riprap Replenishment

- \$200,000 budgeted - Field Station to construct in May 2016

### Golden Gate 1 Scour Repair

- Design to be completed by September 2016
- \$200,000 budgeted for FY17 construction

### COCO2 Scour Repair

- Design to be complete by May 2016
- Preliminary FY17 budget of \$500,000
- Proposed FY17 budget of \$400,000 for construction

### COCO3 Riprap Replenishment

- \$200,000 budgeted – Field Station to construct in FY17 dry season

# Electrification

- Reevaluating Cork 1, Cork 2, CR951-1, & CR951-2 project scope for addition of remote operations to reduce staff time and resources for design, construction, and operations
- Structures will be prioritized by critical function and operation
- Original overall budgeted cost was \$2.46M for electrification at 4 sites and a gate modification/remote operations at Cork 2, remote operations for 3 sites is estimated at an additional \$600,000
- Proposed overall budget is \$1.8M for electrification and remote operations for all 4 sites
- Proposed FY17 budget is \$600,000 for Cork 2



# Proposed FY17 Budget Changes

<b>BCB Capital Projects</b>	<b>FY2016/17 January Preliminary</b>	<b>FY2016/17 Proposed April 2016</b>
<b>Fall Protection – Phase 2</b>	<b>\$300,000</b>	<b>\$ 725,000</b>
<b>BCB Level of Service Assessment Phase 2</b>	<b>\$212,500</b>	<b>\$ 212,500</b>
<b>Golden Gate #1 Scouring / Slab Repair</b>	<b>\$200,000</b>	<b>\$ 200,000</b>
<b>Scouring Repairs – COCO2 and COCO3 Riprap</b>	<b>\$700,000</b>	<b>\$ 600,000</b>
<b>SCADA Replacements – Site Rebuilds &amp; Loggernet Radio Conversion</b>	<b>\$488,700</b>	<b>\$ 488,700</b>
<b>Remote Monitoring and Communication</b>	<b>\$323,200</b>	<b>\$ 323,200</b>
<b>Golden Gate Weir #4 Replacement - (Design and Permitting completion from FY16)</b>	<b>\$200,000</b>	<b>\$ 200,000</b>
<b>Cypress Canal Weir #4A1 Retrofit Design work</b>	<b>\$50,000</b>	
<b>Cork 1 &amp; 2 and CR951 1 &amp; 2 Electrification</b>	<b>\$420,000</b>	<b>\$ 600,000</b>
<b>NAVD88 Conversion</b>	<b>\$282,000</b>	<b>\$ 282,000</b>
<b>Curry Canal Structure - Design and Construction start</b>	<b>\$500,000</b>	<b>\$ 500,000</b>
	<b>\$3,676,400</b>	<b>\$ 4,131,400</b>



# Big Cypress Basin Field Station Relocation Project Update

# Construction Phase

## Contractual Schedule

- NTP (Phase 2) 04/08/15
- Substantial Completion 04/12/16
- Final Completion 05/31/16

## Construction Cost

- \$6,669,104.80

## Key Activities Since Last Update

- Certificate of Substantial Completion was issued on 4/11/16.
- Field Operations staff has moved into the facility, and is operational.
- Contractor is currently working on Punch List items.

## Project was completed under budget and ahead of time

- Total Project costs are \$8,524,980

# Construction Phase



# Construction Phase



West Elevation (Front Entrance)

# Construction Phase



Maintenance Area

# Construction Phase

Office

Common Office



# Questions?

