



# Big Cypress Basin Capital Project Update

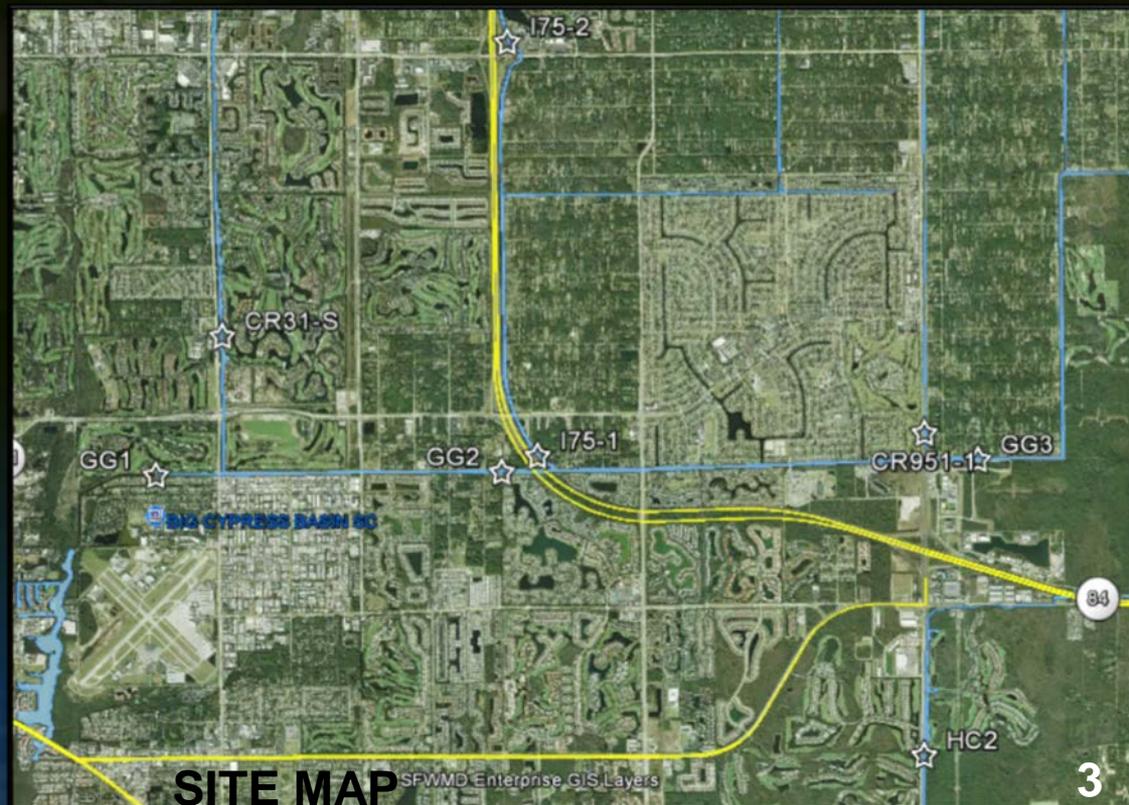
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Project Management Section Administrator  
Engineering and Construction Bureau

October 27, 2016

# Fiscal Year 2015 - 2016 Ongoing Projects

# BCB Safety Enhancements – Phase 1

- NTP Date - October 19, 2015
- Project completed August 31, 2016
- Project in financial closeout



# Stilling Well Replacements Henderson Creek 1 & 2

- HC2 HW & TW – CJ Contracting for \$198,500
- NTP Feb 1, 2016
- HC1 TW added to contract for \$61,800
- Original Final Completion Sept 8, 2016
- Revised Final Completion Dec 7, 2016
- Project on track to be completed ahead of schedule
- SCADA to bring wells online through certification process



# Stage Recorders and Rain Gages

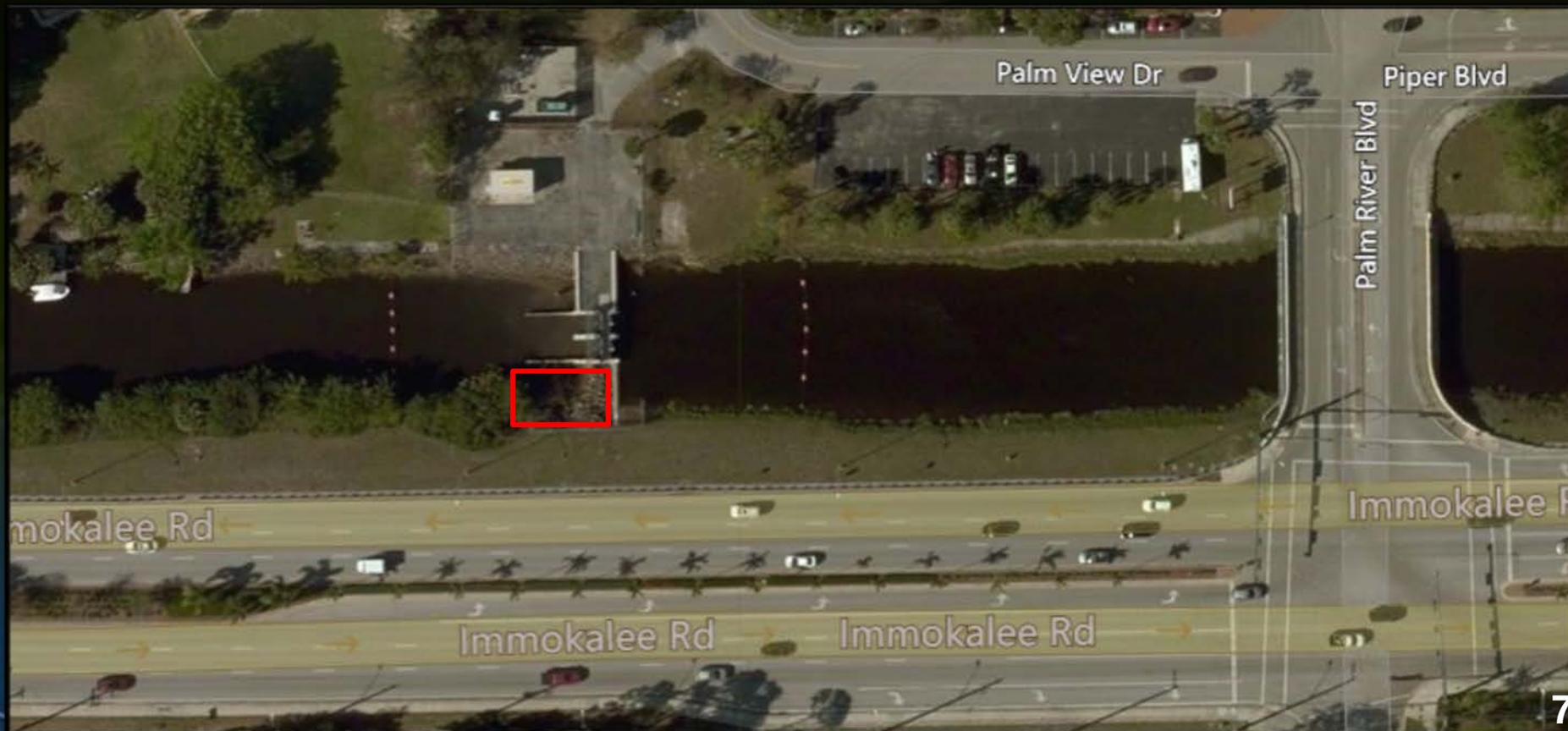
- Package 1 (GG7 and I75-2) – Complete and certified on 8/11 and 9/1
- Package 2 (CR951-2 and FU6) – Complete and certified on 9/21
- Package 3 (I75W3, COCO4, and BRDROOK)
  - NTP for COCO4 and BRDROOK
  - BRDROOK construction is complete and in process of certification
  - I75W3 working on access agreement





# COCO1 Riprap Replenishment

- Riprap replenishment on south bank of structure
- PO issued to DN Higgins for \$68,800
- Construction start December 1, 2016



# Approved Fiscal Year 2016-2017 Capital Budget

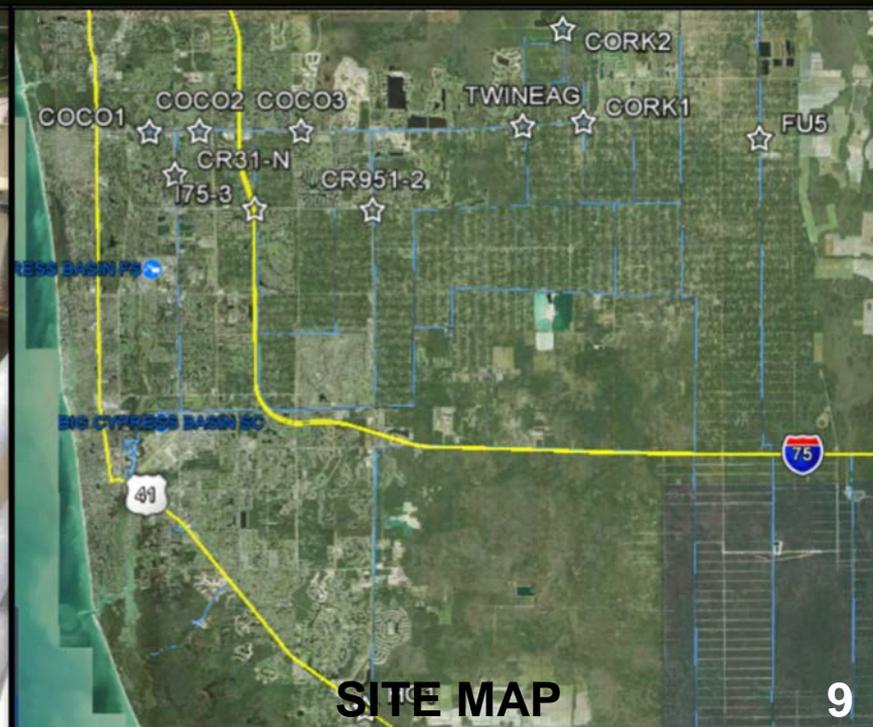
<b>BCB Capital Projects</b>	<b>FY2016/17 Proposed July 2016</b>
BCB Safety Enhancements – Phase 2	\$725,000
BCB Level of Service Assessment Phase 2	\$212,500
Golden Gate 1 Scouring / Slab Repair	\$200,000
COCO2 Scouring Repair and COCO3 Riprap	\$600,000
SCADA Replacements – Site Rebuilds	\$150,000
Remote Monitoring and Communication Phase 2	\$400,000
Golden Gate Weir 4 Replacement	\$461,900
Cork 1 & 2 and CR951 1 & 2 Electrification & Remote Operations	\$600,000
NAVD88 Conversion	\$282,000
Curry Canal Structure	\$500,000
<b>Total Proposed Budget</b>	<b>\$4,131,400</b>

## BCB Safety Enhancements – Phase 2

- Pre-bid meeting held on 10/12/16. Opening bids on 11/1/16
- Engineers Estimate is \$601,243
- November GB and December Notice to Proceed
- Contract duration is 330 days to Final Completion



GG 2



SITE MAP

# Scour and Riprap Projects

## COCO2 Scour Repair

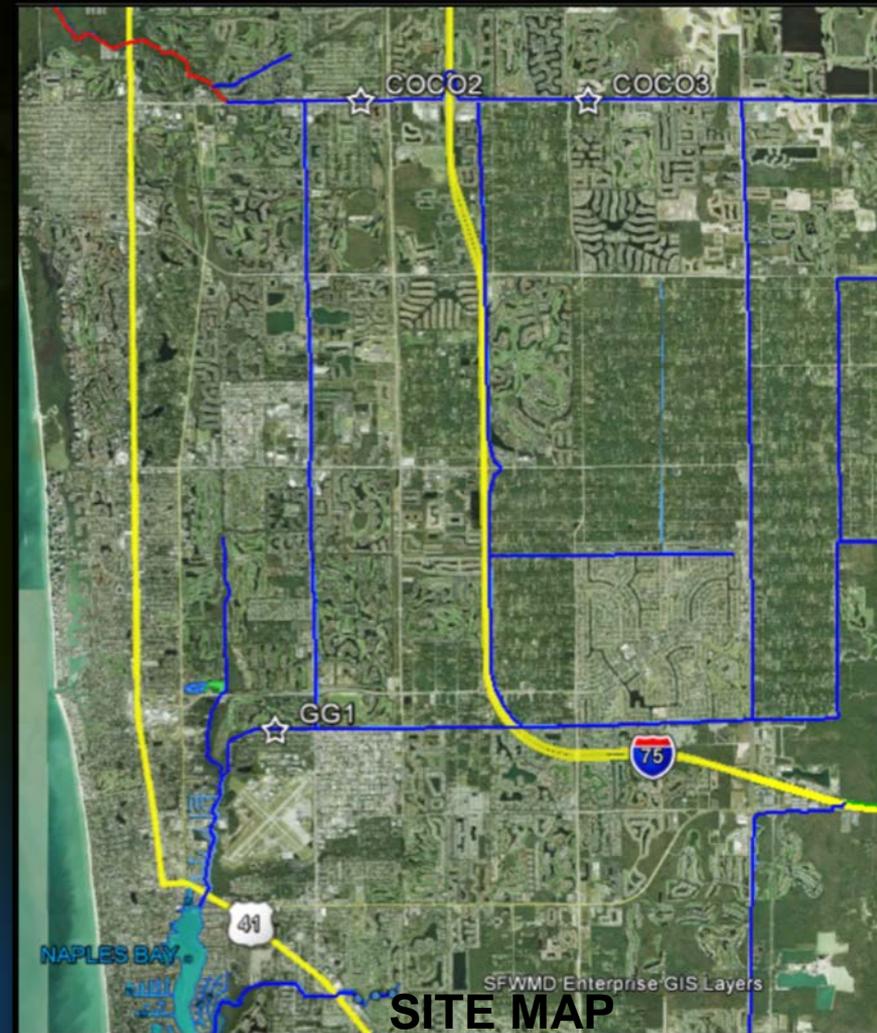
- Contract awarded to local contractor Kelly Brothers for \$247,012
- Work to begin in December

## Golden Gate 1 Scour Repair

- Design is complete
- \$200,000 budgeted for construction

## COCO3 Riprap Replenishment

- Design is complete
- \$200,000 budgeted for construction



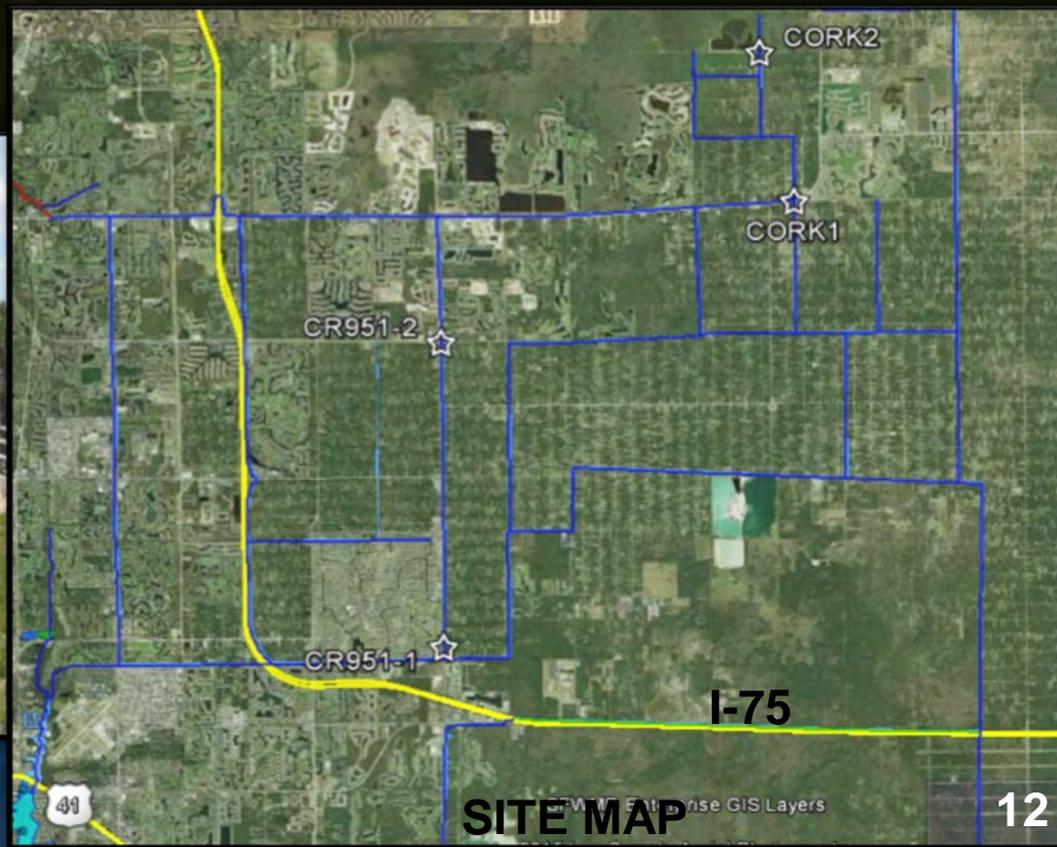
# Golden Gate Weir 4 Replacement

- Final Design submittal by November
- Structure Design: (2) 8'H x 10'W Gates and 46' Weir
- Real estate acquisition in progress for easements
- Project on track for Construction to start 4<sup>th</sup> Quarter of FY17



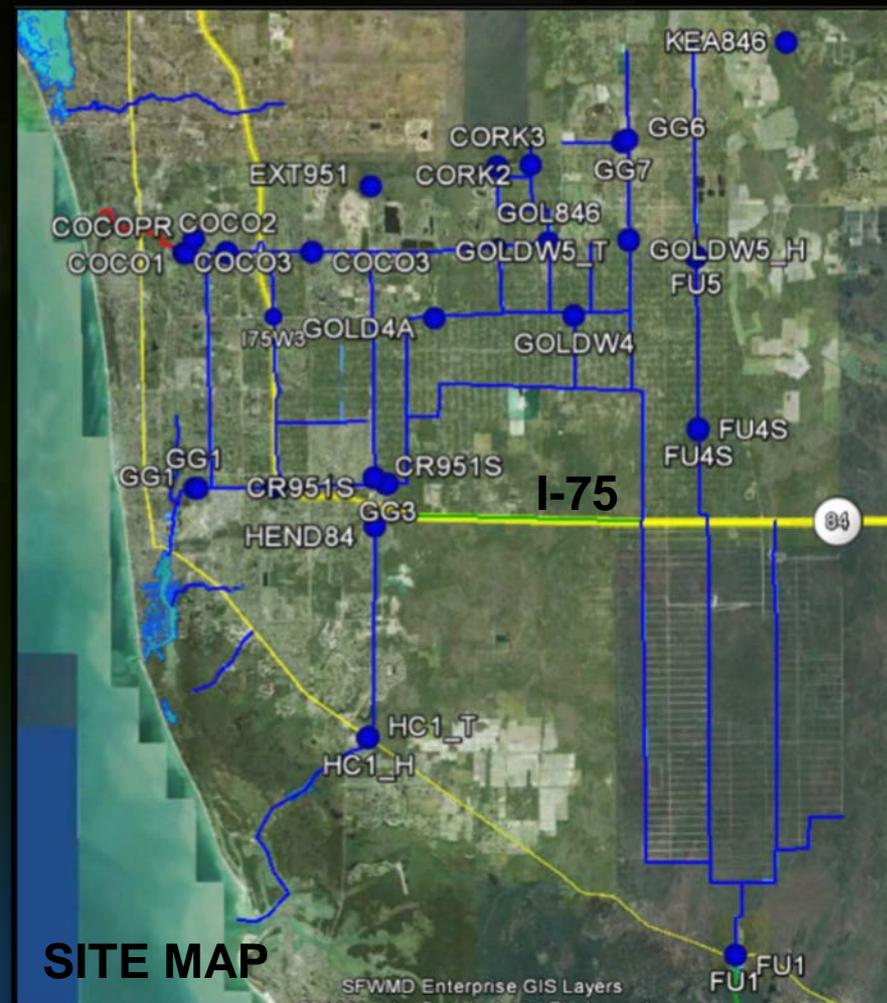
# Electrification & Remote Operations

- Cork 1, Cork 2, CR951-1, & CR951-2
- SOW for design consultant in progress
- Proposed FY17 budget is \$600,000 for design



# NAVD 88 Conversion

- Purchase orders are being executed for FY17 start for installation of NAVD 88 staff gauges
- Wantman Group, Inc. - 15 staff gauges for \$75,704
- Civil Survey Design Group, Inc. - 30 staff gauges for \$147,607
- Budgeted Cost \$282,000
- Total Contractual Cost \$223,311



# Curry Canal Structure

- Geotechnical and survey contracts in progress
- Real estate acquisition in progress for easements
- Draft Final Design of structure completed
- Construction estimated to start 4<sup>th</sup> Quarter FY17



# 5-Year Capital Improvement Plan

BCB Capital Projects	Fiscal Year 2016/2017 Adopted	Fiscal Year 2017/2018 Preliminary	Fiscal Year 2018/2019	Fiscal Year 2019/2020	Fiscal Year 2020/2021	Fiscal Year 2021/2022
Structure Inspection Program	-	\$225,000	\$225,000	-	-	-
Fall Protection	\$725,000	-	-	-	-	-
BCB Level of Service Assessment	\$212,500	-	-	-	-	-
BCB Stage Recorders and Rain Gauges	-	\$118,800	-	-	-	-
Golden Gate #1 Scouring / Slab Repair	\$200,000	-	-	-	-	-
Scouring Repairs (COCO2 & COCO3)	\$600,000	-	-	-	-	-
SCADA Replacements	\$150,000	\$258,600	\$201,600	\$157,200	\$217,600	-
Remote Monitoring and Communications	\$400,000	-	-	-	-	-
Golden Gate Weir #4 Replacement	\$461,900	\$3,500,000	-	-	-	-
Faka Union Canal Weir #6 Replacement	-	\$400,000	\$350,000	\$1,200,000	-	-
Cypress Canal Weir #4A1 Retrofit	-	\$400,000	\$335,500	\$1,000,000	-	-
Cork 1 & 2 and CR951 1 & 2 Electrification	\$600,000	\$1,000,000	\$800,000	-	-	-
NAVD88 Conversion	\$282,000	-	-	-	-	-
Curry Culvert Gate Retrofit	\$500,000	\$1,500,000	-	-	-	-
Faka Union Canal Weir #7 Replacement	-	-	-	\$500,000	\$750,000	\$750,000
Golden Gate Canal Weir #5 Replacement	-	-	-	\$500,000	\$1,000,000	\$2,500,000
C-1 Connector Canal Control Gate	-	-	-	-	\$100,000	\$300,000
<b>Total - Capital Projects</b>	<b>\$4,131,400</b>	<b>\$7,402,400</b>	<b>\$1,912,100</b>	<b>\$3,357,200</b>	<b>\$2,067,600</b>	<b>\$3,550,000</b>

# Questions?

