

Everglades Restoration Update

Tommy B. Strowd, P.E.
**Assistant Deputy Executive Director, Everglades
Restoration Resource Group**

**Task Force Meeting
May 16, 2007**

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Engineering Update

- **Basis of Design Report for Storm Treatment Area (STA) Compartment B Build out received**
- **EAA Reservoir Embankment Pre-Final Plans & Specs received**
- **C-44 Reservoir/STA Pre-Final Plans & Specs received**
- **Next month:**
 - **C-43 Reservoir Intermediate Plans and Specs**
 - **Picayune Phase III Road Removal Final Plans & Specs**





Construction Update

May 2007



In Construction: \$340.1 Million

▪ STA 2 Expansion (Gulf Group)	\$ 18.7 Million	94% complete
▪ STA 5 Expansion (Interlaken)	\$ 12.9 Million	98% complete
▪ STA 6 Expansion (Harry Pepper)	\$ 23.4 Million	92% complete
▪ C-44 Test Cells (Barnard)	\$ 9.0 Million	99% complete
▪ C-44 TIWCD Reconfig (CAN Const)	\$ 1.4 Million	85% complete
▪ C-44 Site Prep Phase I (Overland)	\$ 0.5 Million	99% complete
▪ C-44 Site Prep Phase II (Running W)	\$ 4.3 Million	29% complete
▪ Picayune - Demolition (Cross)	\$ 1.5 Million	100% complete
▪ Picayune – Prairie Canal (Globetec)	\$ 2.4 Million	100% complete
▪ Picayune – Road Removal (AEM)	\$ 3.9 Million	77% complete
▪ EAA Reservoir – GMP#1 (BPJV)	\$ 53.7Million	61% complete
▪ EAA Reservoir – GMP#2 (BPJV)	\$ 112.7Million	7% complete
▪ EAA Reservoir – GMP#3 (BPJV)	\$ 95.9Million	0% complete



STA 2 Cell 4 Expansion Project

Contractor: Gulf Group
Consultant CM: Brown & Caldwell
A8 Construction Mngr: Marty Braun

- Design: April 28, 2005 – Oct 4, 2005
- Construction Start: Jan 11, 2006
- Flow Capable: Nov 11, 2006
- Final Completion: July 23, 2007
- Construction Contract: \$ 18.7 Million

Percent complete (\$): 94%

Percent complete (days): 84%

Settled 2 claims within allowance amount



WORK THIS PERIOD

- Electrical service completed on north end of Cell
- Continued maintenance of slopes
- Bulkhead leak detection testing





STA 5 Flow-way 3 Expansion Project

Contractor: Interlaken

Consultant CM: URS

A8 Construction Mngr: Miguel Cruz

- Design: Feb 7, 2005 – Oct 28, 2005
- Construction Start: Jan 19, 2006
- Flow Capable: Nov 21, 2006
- Final Completion: May 25, 2007
(30 day extension for FPL coord)
- Construction Contract: \$ 12.9 Million

Percent complete (\$): 98%

Percent complete (days): 95%



WORK THIS PERIOD

- Issued Substantial Completion II
- Completed electrical installation
- Majority of punchlist items completed





STA 6 Section 2 Expansion Project

Contractor: Harry Pepper & Assoc.
Consultant CM: URS
A8 Construction Mngr: Miguel Cruz

- Design: Jan 24, 2005 – Dec 1, 2005
- Construction Start: Feb 7, 2006
- Flow Capable: Dec 11, 2006
- Final Completion: July 19, 2007
- Construction Contract: \$ 23.4 Million

Percent Complete (\$): 92%

Percent Complete (days): 84%



WORK THIS PERIOD

- Completed all earth & concrete work
- Extension to contract provided to support electrical design revisions
- L-3 bridge nearly completed





Acme Basin B Discharge, C-1 and PS-7

Contractor: *Harry Pepper & Assoc*
Consultant CM: *Arcadis*
A8 Construction Mngr: *Rich Bartlett*

- Construction Start: July 7, 2006
- Substantial Comp. I: Dec 20, 2006
- Terminated Feb 20, 2007
- Construction Completed (closeout costs under negotiation)

Project Terminated



Project Terminated on 2/20/07
Close-out documentation in review



C-43 West Storage Reservoir Test Cell Pilot Project

Contractor: Barnard Construction
Consultant CM: Stanley
A8 Construction Mngr: Bruce Phillips

- Construction Start: January 16, 2006
- Substantial Compl I: June 14, 2006
- Final Completion: April 16, 2007
- Construction Contract: \$10.2 Million
- Closeout Change Order: (\$ 0.2 Million)
Total: \$10.0 Million

Percent Complete (\$): 100%

Percent Complete (days): 100%

Closeout paperwork in process



WORK THIS PERIOD

- Contract close-out in process





C-44 Reservoir Test Cell Pilot Project

Contractor: Barnard Construction
Consultant CM: HDR
A8 Construction Mngr: Bruce Phillips

- Construction Start: Feb 16, 2006
- Final Completion: July 7, 2007
- Construction Contract: \$ 9.0 Million
- Change Orders: \$ 0.05 Million
Total: \$ 9.05 Million

Percent Complete (\$): 99%

Percent Complete (days): 87%

- Major Issues To Date: None



WORK THIS PERIOD

- Monitoring test cell instrumentation
- Overwash test performed Feb 07





C-44 TIWCD Temporary Reconfiguration

Contractor: C.A.N. Construction
Consultant CM: HDR
A8 Construction Mngr: Bruce Phillips

- Construction Start: October 30, 2006
- Final Completion: March 1, 2007
- Construction Contract: \$ 0.89 Million
- Change Orders: \$ 0.58 Million
Total: \$ 1.4 Million

Percent Complete (\$): 85%

Percent Complete (days): 86%



WORK THIS PERIOD

- Bridge removal and culvert placement underway, to be completed by 5/9/07





C-44 Site Preparation – Phase I

Contractor: Overland Construction
Consultant CM: HDR
A8 Construction Mngr: Bruce Phillips

- Construction Start: January 9, 2007
- Final Completion: March 15, 2007
- Construction Contract: \$ 0.51 Million
- Change Orders: \$ 0
 Total: \$ 0.51 Million

Percent Complete (\$): 99%

Percent Complete (days): 89%



WORK THIS PERIOD

- Completed additional discing in Parcel 1
- Continuing discing in Parcel 2
- All clearing completed



02.20.2007



C-44 Site Preparation – Phase II

Contractor: Running W Citrus
Consultant CM: HDR
A8 Construction Mngr: Bruce Phillips

- Construction Start: March 5, 2007
- Final Completion: Oct 11, 2007
- Construction Contract: \$ 4.28 Million
- Change Orders: \$ 0
 Total: \$ 4.28 Million

Percent Complete (\$): 29%

Percent Complete (days): 27%



WORK THIS PERIOD

- Clearing continues on 10,000 acres
- 1,600 acres cleared to date.





Picayune Strand – Demolition

Contractor: Cross Construction

Consultant CM: n/a

A8 Construction Mngr: Brian Davidson

- Construction Start: July 6, 2006
- Final Completion: April 1, 2007
- Construction Contract: \$ 1.47 Million
- Change Orders: (\$ 15 K)
Total: \$ 1.47 Million

Percent Complete (\$): 100%

Percent Complete (days): 99%

- Contract closeout in progress



WORK THIS PERIOD

- All original contract work completed
- Additional wells, septics and demo completed





Picayune Strand – Prairie Canal Backfilling

Contractor: GlobeTec

Consultant CM: n/a

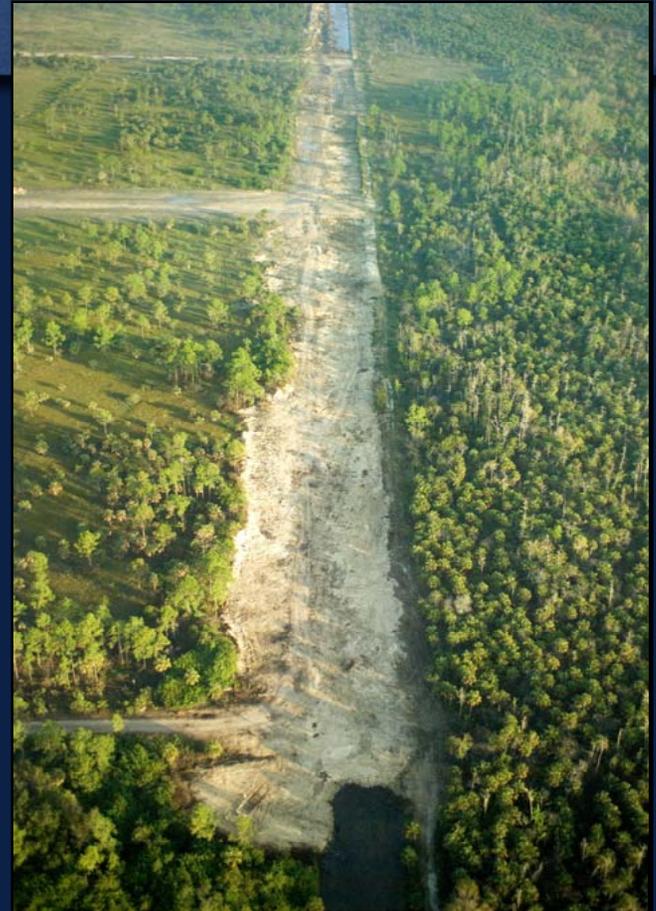
A8 Construction Mngr: Brian Davidson

- Construction Start: August 14, 2006
- Substantial Compl I: May 11, 2007
- Final Completion: June 10, 2007
- Construction Contract: \$ 2.18 Million
- Change Orders: (\$ 24 K)
Total: \$ 2.18 Million

Percent Complete (\$): 100%

Percent Complete (days): 85%

Closeout documents being processed



WORK THIS PERIOD

- Punch list completed
- Contract close-out in process



Picayune Strand – Road Removal

Contractor: American Earth Movers
Consultant CM: Parsons
A8 Construction Mngr: Brian Davidson

- Construction Start: October 26, 2006
 - Final Completion: July 23, 2007
 - Construction Contract: \$ 3.9 Million
 - Change Orders: \$ 0.24 Million
- Total: \$ 3.9 Million

Percent Complete (\$): 77%
Percent Complete (days): 70%

- Additional clearing and grubbing



WORK THIS PERIOD

- Road degrading completed and punchlist closed
- Reviewing final clearing & grubbing limits





EAA Reservoir A-1 – Seepage Canal Construction

Contractor: Barnard-Parson JV
Consultant CM: Parsons
A8 Construction Mngr: Will Wing

- Construction Start: August 24, 2006
 - Final Completion: Sept. 17, 2007
 - GMP#1 Contract: \$ 53.7 Million
 - GMP#2 Contract: \$ 112.7 Million
 - GMP#3 Contract: \$ 95.9 Million
- Total: \$ 262.3 Million

Percent Complete (GMP#1 \$): 61%
 Percent Complete(GMP#1days): 63%



WORK THIS PERIOD

- Clearing started in quarry area (GMP#2)
- Office complex completed
- Production blasting in quarry starts 5/07
- Continued canal construction (GMP#3) to start 5/07





Upcoming Project Activities June - August 2007

- **Biscayne Bay**
 - **Intermediate Design for Deering Estate and L31E Culverts**
- **C-111 Spreader Canal**
 - **Site Selection for Loveland Slough Water Quality Feature**
- **C-43 Reservoir**
 - **Award and start Reservoir Site Clearing Contract**
 - **Intermediate Design for Reservoir**
 - **Complete Water Quality Monitoring of Test Cells**



Upcoming Project Activities June - August 2007

- **C-44 Reservoir**
 - **Bidding & Award of Final Troop Indiantown Temporary Reconfiguration**
 - **Request for Proposal for Construction Bid on Project**
- **EAA Reservoir**
 - **Complete Guarantee Maximum Price #1 (3 miles of seepage canal, de-mucking of entire embankment length, full mobilization of contractor)**
 - **Complete Final Design of Earthworks**
 - **Continue Guarantee Maximum Price #2 (rock crushing) activities**
 - **Continue Guarantee Maximum Price #3 (remaining seepage canal) activities**
 - **Completed negotiations of Guarantee Maximum Price #4 (embankment construction) and #5 (pump station equipment)**
 - **Intermediate Design of Pump Station and Structures**



Upcoming Project Activities June - August 2007

- **Picayune Strand**
 - **Complete Removal of 70 miles of Roads**
 - **Complete Berm Removal**
 - **Bidding of Additional Road Removal work**
 - **Pre-final Design of Merritt Pump Station**
- **Compartment B STA Build-out**
 - **Basis of Design Report Development**



Upcoming Project Activities June - August 2007

- **Compartment C STA Build-out**
 - **Basis of Design Report Development**
 - **Critical Criteria Meeting Workshop**
 - **Watershed Study**

- **ECART**
 - **Bolles Canal Basis of Design Report**
 - **Evaluation of Potential Land Requirements for Canal Expansion**



Upcoming Project Activities June - August 2007

- **Acme**
 - **Start Construction of Pump Station #7 by Village of Wellington**
- **Broward County Water Preserve Areas**
 - **Finalization of Basis of Design Report**
- **LOFT**
 - **Preliminary Design of Lakeside Storm Treatment Area**



Panther Kittens Found at Picayune Strand





DISCUSSION/QUESTIONS

