



# Acceler8 Update

***Kenneth G. Ammon, P.E.***  
***Deputy Executive Director***

***South Florida Ecosystem Restoration Working Group***  
***April 20, 2007***

***[sfwmd.gov](http://sfwmd.gov)***





# Restoration Construction Update

April, 2007





## In Construction: \$264 Million

▪ STA 2 Expansion (Gulf Group)	\$ 18.7 Million	91 % complete
▪ STA 5 Expansion (Interlaken)	\$ 12.9 Million	98 % complete
▪ STA 6 Expansion (Harry Pepper)	\$ 23.4 Million	88 % complete
▪ Acme Basin B	\$ 13.3 Million	35 % complete
▪ C-43 Test Cells (Barnard)	\$ 10.2 Million	100% complete
▪ C-44 Test Cells (Barnard)	\$ 9.0 Million	99 % complete
▪ C-44 TIWCD Reconfig (CAN Const)	\$ 1.2 Million	95 % complete
▪ C-44 Site Prep Phase I (Overland)	\$ 0.5 Million	90 % complete
▪ C-44 Site Prep Phase ii (Running W)	\$ 4.3 Million	2 % complete
▪ Picayune - Demolition (Cross)	\$ 1.5 Million	90 % complete
▪ Picayune – Prairie Canal (Globetec)	\$ 2.4 Million	99 % complete
▪ Picayune – Road Removal (AEM)	\$ 3.9 Million	85 % complete
▪ EAA Reservoir – GMP#1 (BPJV)	\$ 53.7 Million	54 % complete
▪ Manatee Barrier (LJ Clark)	\$ 0.4 Million	100% complete

### Upcoming Projects

EAA Reservoir – GMP#2 (BPJV)

\$ 109 Million



## STA 2 Cell 4 Expansion Project

**Contractor:** Gulf Group  
**Consultant CM:** Brown & Caldwell  
**Field Supervisor, Sr.:** 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 (\$): 91%

Percent complete (days): 79%



### WORK THIS PERIOD

- Apply muck to finished levee slopes
- 7 of 8 control buildings set
- Power poles set along south levee





## STA 5 Flow-way 3 Expansion Project

**Contractor:** *Interlaken*

**Consultant CM:** *URS*

**A8 Construction Mgr:** *Miguel Cruz*

- Design: Feb 7, 2005 – Oct 28, 2005
- Construction Start: Jan 19, 2006
- Flow Capable: Nov 21, 2006
- Final Completion: Apr 25, 2007
- Construction Contract: \$ 12.9 Million

Percent complete (\$): 98%

Percent complete (days): 94%



### WORK THIS PERIOD

- Finishing final dress work on levees
- FPL completing power pole installation
- Cells 3A and B completed, ready to fill





## STA 6 Section 2 Expansion Project

**Contractor:** Harry Pepper & Assoc.  
**Consultant CM:** URS  
**A8 Construction Mgr:** 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 (\$): 88%

Percent Complete (days): 88%



### WORK THIS PERIOD

- All structure concrete work completed
- Continuing L-3 Levee Bridge construction
- Electrical pull boxes installed along levees





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

**Contractor:** Village of Wellington  
**Consultant CM:** Arcadis  
**A8 Construction Mgr:** Rich Bartlett

- Construction Start: July 7, 2006
- Substantial Comp. I: Dec 20, 2006
- Final Completion: June 7, 2007
- Construction Contract: \$ 13.3 Million

Project 35% complete





# C-43 West Storage Reservoir Test Cell Pilot Project

**Contractor:** *Barnard Construction*  
**Consultant CM:** *Stanley*  
**A8 Construction Mgr:** *Bruce Phillips*

- Construction Start: January 16, 2006
  - Substantial Compl I: June 14, 2006
  - Final Completion: April 16, 2007
  - Construction Contract: \$10.2 Million
  - Change Orders \$152 K
- Total: \$10.2 Million

Percent Complete (\$): 100%

Percent Complete (days): 96%



## WORK THIS PERIOD

- Monitoring test cell instrumentation until April 07
- Overwash test performed during December 2006





## C-44 Reservoir Test Cell Pilot Project

**Contractor: Barnard Construction**  
**Consultant CM: HDR**  
**A8 Construction Mgr: Bruce Phillips**

- Construction Start: Feb 16, 2006
- Final Completion: July 7, 2007
- Construction Contract: \$ 9.0 Million
- Change Orders: \$ 0.0  
Total: \$ 9.0 Million

Percent Complete (\$): 99%

Percent Complete (days): 80%



### WORK THIS PERIOD

- Monitoring test cell instrumentation
- Seepage canal drawdown test  
Initiated at the end of November until  
End of December
- Overwash test performed Feb 07





## C-44 TIWCD Temporary Reconfiguration

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

- Construction Start: October 30, 2006
- Final Completion: March 1, 2007
- Construction Contract: \$ 0.89 Million
- Change Orders: \$ 0.34 Million  
Total: \$ 1.2 Million

Percent Complete (\$): 95%  
Percent Complete (days): 73%



### WORK THIS PERIOD

- Substantially completed all five sites
- Commenced test pumping
- Substantial Completion #1 on 2/23/07





## C-44 Site Preparation – Phase I

**Contractor: Overland Construction**  
**Consultant CM: HDR**  
**A8 Construction Mgr: Bruce Phillips**

- Construction Start: January 9, 2006
- Final Completion: March 15, 2007
- Construction Contract: \$ 0.51 Million
- Change Orders: \$ 0  
 Total: \$ 0.51 Million

Percent Complete (\$): 90%

Percent Complete (days): 67%



02.06.2007

### WORK THIS PERIOD

- Completed clearing activities
- Substantial Completion #1 12 days ahead
- Commenced discing of Parcel 1



02.20.2007



## Picayune Strand – Demolition

**Contractor: Cross Construction**  
**Consultant CM: n/a**  
**A8 Construction Mgr: 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 (\$): 90%

Percent Complete (days): 90%



### WORK THIS PERIOD

- All original contract work completed
- Change order issued for additional demo
- Substantial Completion 1 in March 2007





# Picayune Strand – Prairie Canal Backfilling

**Contractor: GlobeTec**

**Consultant CM: n/a**

**A8 Construction Mgr: 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: (\$ 12 K)  
Total: \$ 2.18 Million

Percent Complete (\$): 99%

Percent Complete (days): 77%



## WORK THIS PERIOD

- All work has been completed
- Notice of Substantial Completion issued
- Punch list completed



## Picayune Strand – Road Removal

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

- Construction Start: October 26, 2006
- Final Completion: July 23, 2007
- Construction Contract: \$ 3.9 Million
- Change Orders:            \$   0    
                                   Total:   \$ 3.9 Million

Percent Complete (\$):   85%

Percent Complete (days): 60%



### WORK THIS PERIOD

- Nearly completed all clearing & grubbing
- Approximately half of 65 miles of road degraded



Aero  
Photo  
727.520.8881  
www.aerophoto.com

Road Removal Picayune Strand

Negative # 70126 1033  
Date 01.26.07



# EAA Reservoir A-1 – Seepage Canal Construction

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

- Construction Start: August 24, 2006
- Final Completion: Sept. 17, 2007
- Construction Contract: \$ 53.7 Million
- Change Orders: \$ 0  
 Total: \$ 53.7 Million

Percent Complete (\$): 54%  
 Percent Complete (days): 53%  
 Seepage Canal: 90% complete



### WORK THIS PERIOD

- North Yard office complex completed
- Seepage Canal 90% complete
- Blasting to be completed in early March
- Additional clearing & muck removal added





# Upcoming Project Activities April - June 2007

- **Biscayne Bay**
  - **Intermediate Design for Deering Estate, Cutler Flowway and L31E Culverts**
  - **Land Acquisition for Cutler Flowway**
- **C-111 Spreader Canal**
  - **Preliminary Design for Frog Pond Infiltration Basin**
  - **Site Selection for Loveland Slough Water Quality Feature**
- **C-43 Reservoir**
  - **Intermediate Design for Reservoir**
  - **Bidding of Reservoir Site Clearing Contract**
  - **Complete water Quality Monitoring of Test Cells**



# Upcoming Project Activities April – June 2007 (continued)

- **C-44 Reservoir**
  - Complete Pre-final Design of Reservoir and STA
  - Request for Proposal for Construction Bid on Project
  - Complete Site Clearing Contract Work
  - Complete Indiantown Drainage District Construction Work
- **EAA Reservoir**
  - Complete GMP of seepage canal, de-mucking of entire embankment length, full mobilization of contractor)
  - Complete final design of earthworks
  - Complete negotiations of GMP #4 (embankment construction)



# Upcoming Project Activities April – June 2007 (continued)

- **Picayune Strand**
  - **Pre-final design of Merritt Pump Station**
  - **Prairie Canal Plugging and Berm Removal**
  - **Removal of 70 Miles of Roads**
- **Compartment B STA Buildout**
  - **Basis of Design Report Development**



## Upcoming Project Activities April – June 2007 (continued)

- **Compartment C STA Buildout**
  - **Basis of Design Report Development**
- **ECART**
  - **Bolles Canal Basis of Design Report**
  - **ECART Basis of Design Report Development**
  - **Evaluation of Potential Land Requirements for Canal Expansion**



# Upcoming Project Activities April – June 2007 (continued)

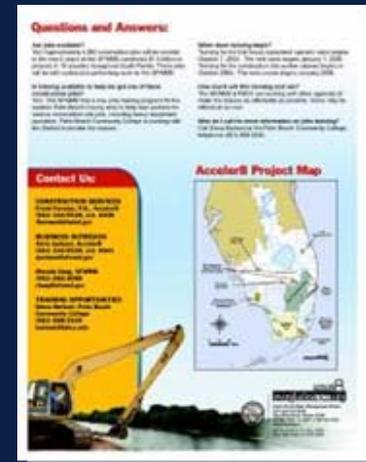
- **Site 1**
  - Finalization of Basis of Design Report
- **Acme**
  - Construction of Pump Station #7 by Village of Wellington
  - Intermediate Design for Section 24 Pump Station and Impoundment
- **Broward County WPA**
  - Finalization of Basis of Design Report
- **LOFT**
  - Finalization of Basis of Design Report
  - Preliminary Design of Lakeside STA
  - Finalization of Taylor Creek Reservoir Test Cell Design



# Economic & Job Impacts To-date...

## Contracted \$264M in construction work

- **C-44 Test Cells (Martin/St. Lucie County region)**
  - 53.5% in local expenditures - 42 local businesses
  - 20 new jobs
- **C-43 Test Cells (Hendry County region)**
  - 29.3% in local expenditures - 33 local businesses
  - 55 new jobs
- **Compartment B -- STA-2, Cell 4**
  - 21.6% in local expenditures - 19 local businesses
  - 19 new jobs
- **EAA Reservoir – Estimating 650 direct jobs**
  - \$500,000 in expenditures in Tri-cities area
  - 89 new jobs





# Requested Appropriations Bill Provisions

- Authorize the Secretary of the Army to credit the non-Federal sponsor for construction expenditures incurred prior to signing a project cooperation agreement
- Authorize “902 Fixes” for projects conditionally authorized in WRDA-2000
- Authorize Corps to initiate construction on Site 1 Impoundment and Picayune Strand Restoration projects using funds appropriated in FY2007 for the Central and Southern Florida Project
- Authorize an increase in the Federal spending cap for Critical Restoration Projects from \$75 million to \$95 million
- Authorize the Secretary to carry-over credits between Agreements with the South Florida Water Management District



# Barn Owl





# DISCUSSION/QUESTIONS

