



# **State Expedited Restoration Projects**

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# Picayune Strand



## Status:

- Seven miles of Prairie Canal filled
- 65 miles of roadway removed
- Tons of structures/debris removed (recycling)
  - Concrete Rubble (1,345 tons)
  - Tires (169 tons)
  - Steel from vehicles, campers, etc. (514 tons)
  - Asphalt (400 dump truck loads)



# Picayune Strand



- Soil inversion of 30 acres
- 17 culverts constructed to restore natural sheetflow
- More than 13,000 acres of restored and enhanced habitat
- Transferred to USACE, design of Merritt Canal Stations complete



# C-111 Spreader Canal

- Held monthly stakeholder meetings
- Held stakeholder technical meetings as needed
  - Process for input on fast tracking implementation
  - Explore general support for PIR-1
  - SFWMD Proposal to Construct Recommended Plan
- High level interaction with PDT
- Briefings at WRAC Issues Workshops, Full WRAC and GB on expedited construction effort



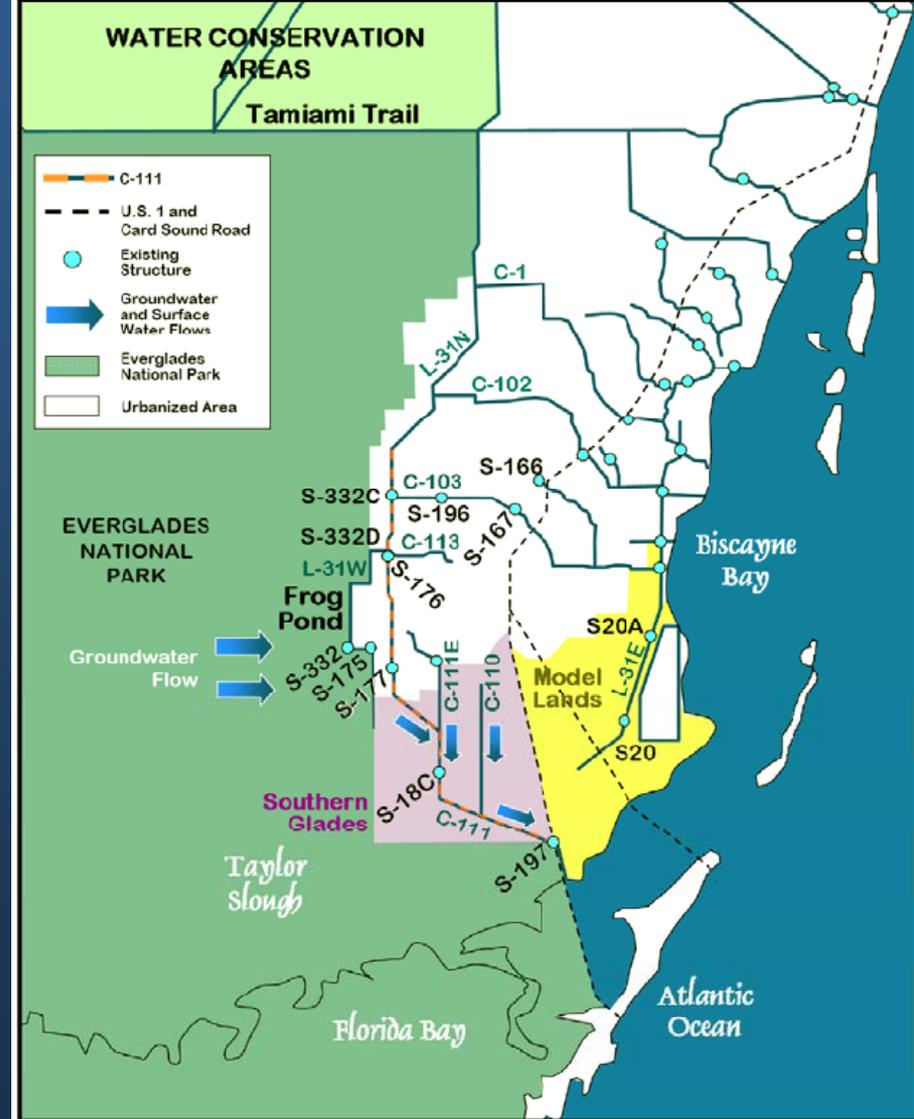
# C-111 Spreader Canal Phase I

## Status:

- Design 90% complete
- Construction to begin Sept '09



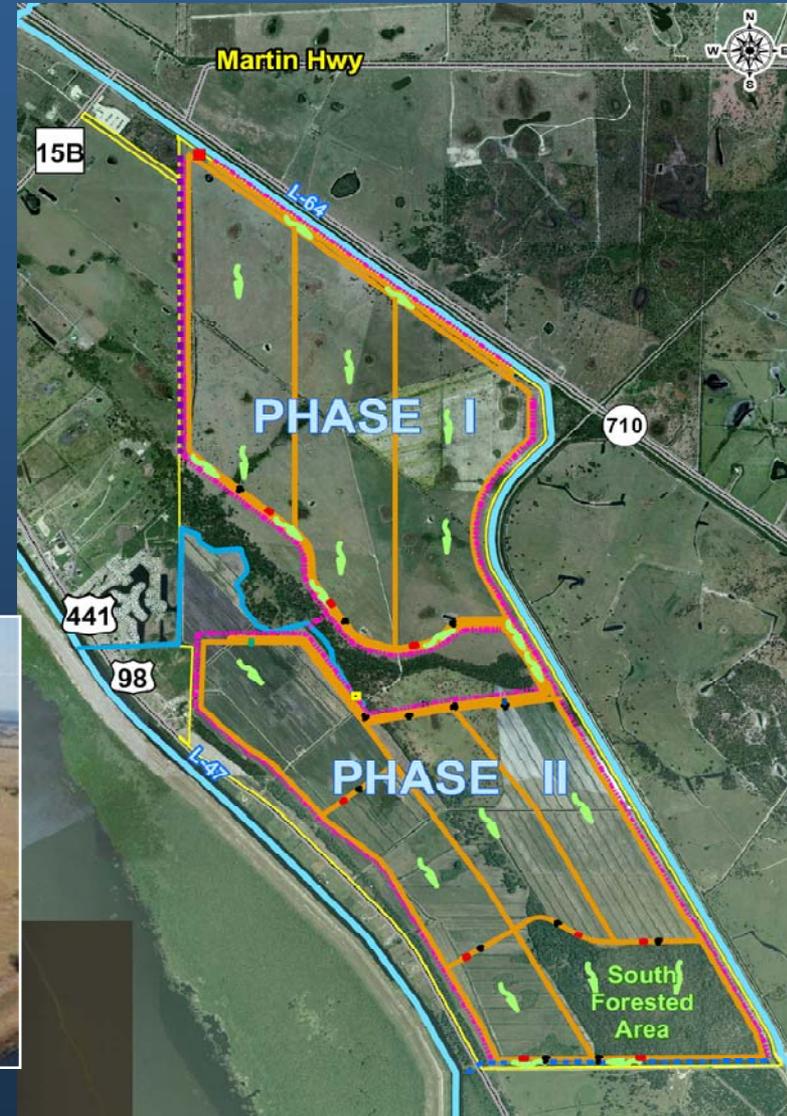
C-111 SPREADER CANAL WESTERN PROJECT EXISTING CONDITIONS



# Lakeside Ranch STA

## Status:

- Initiated construction of STA North (Phase 1) April 2009
- Construction of STA South (Phase 2) will begin late 2009, pending funding



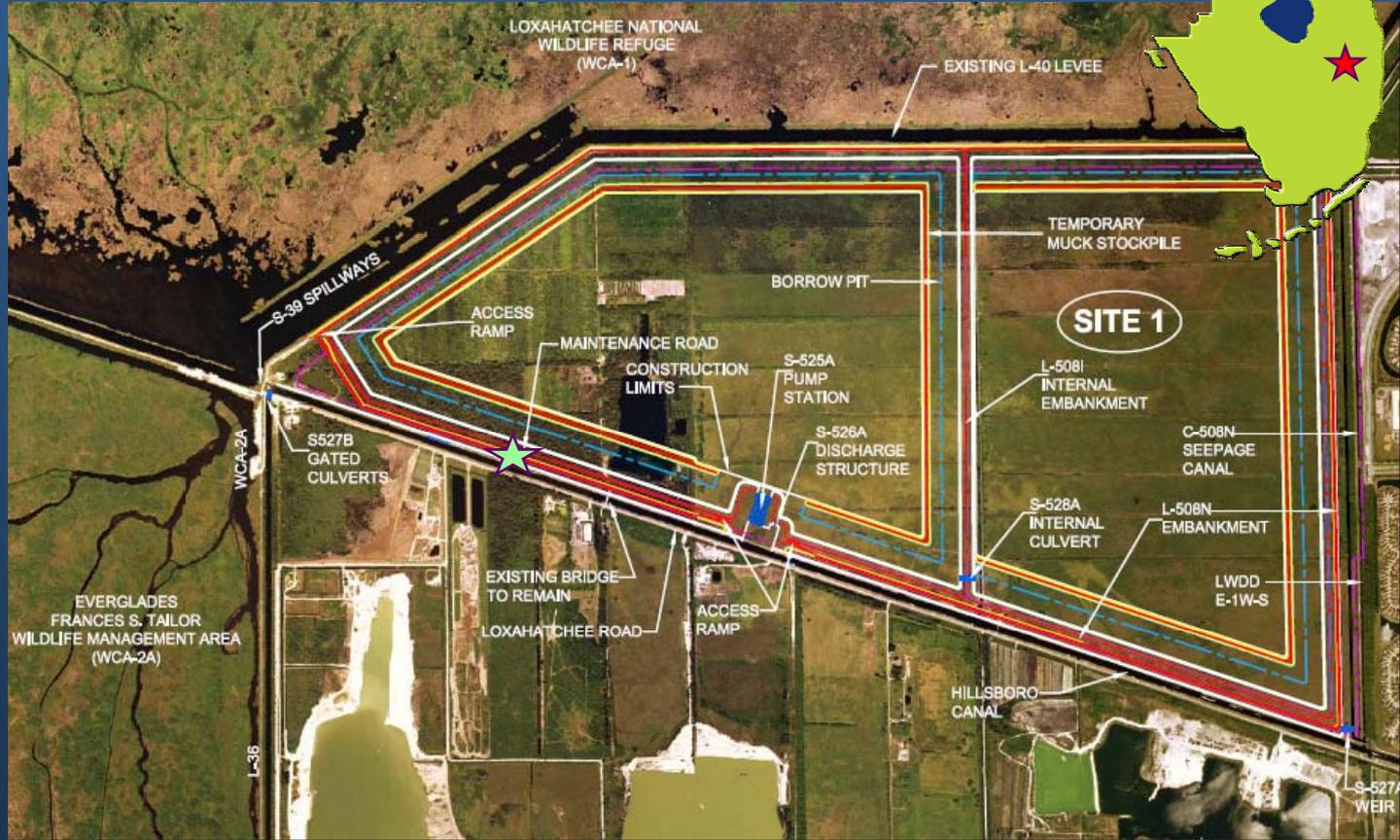


# Site 1/Fran Reich Preserve



## Status:

- Basis of Design Review complete
- Transferred to USACE for design and construction



# C-44 Reservoir/STA Project

## Status:

- Test cells complete
- Project design complete
- Permits obtained
- Shovel-ready
- Transferred to USACE for construction



# Biscayne Bay Coastal Wetlands Phase 1



## Status:

- Design complete
- Permitting in progress
- Construction scheduled to begin in FY09, subject to funding



# C-43 West (Caloosahatchee River) Reservoir



## Status:

- Test cells complete
- Project final design complete
- Permits obtained
- Shovel-ready
- Final chief's report and authorization awaiting change in the land valuation and crediting policy





# C-11 Impoundment C-9 Impoundment WCA 3A/3B Seepage Management



## Status:

- Basis of Design Reports Complete
- Preliminary (60%) design complete for C-11 Impoundment
- Remaining design and construction transferred to USACE



# North Palm Beach County Part 1: L-8 Reservoir



## Description/Benefit:

- Improve water levels in Loxahatchee Slough
- Increase freshwater deliveries to Northwest Fork of Loxahatchee River

## Status:

- Reservoir is providing 47,000 acre-feet of storage
- G-160 and G-161 structure installation complete
- Completed conceptual design and construction plan for additional capacity



# Acme Basin B



## Description/Benefit:

- Improve Everglades water quality by diverting urban runoff away from LNWR

## Status:

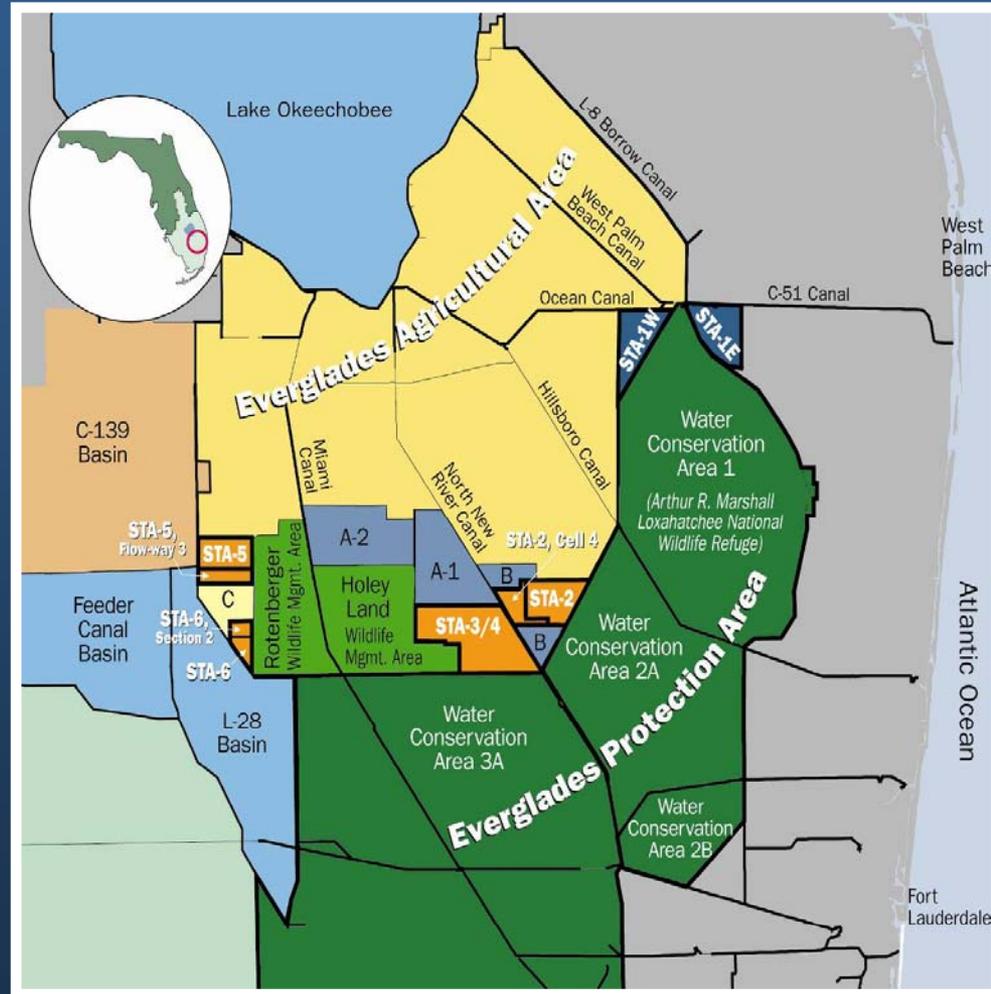
- Phase 1 construction of one new pump station and canal improvements complete
- Phase 2 design of impoundment complete; construction ongoing



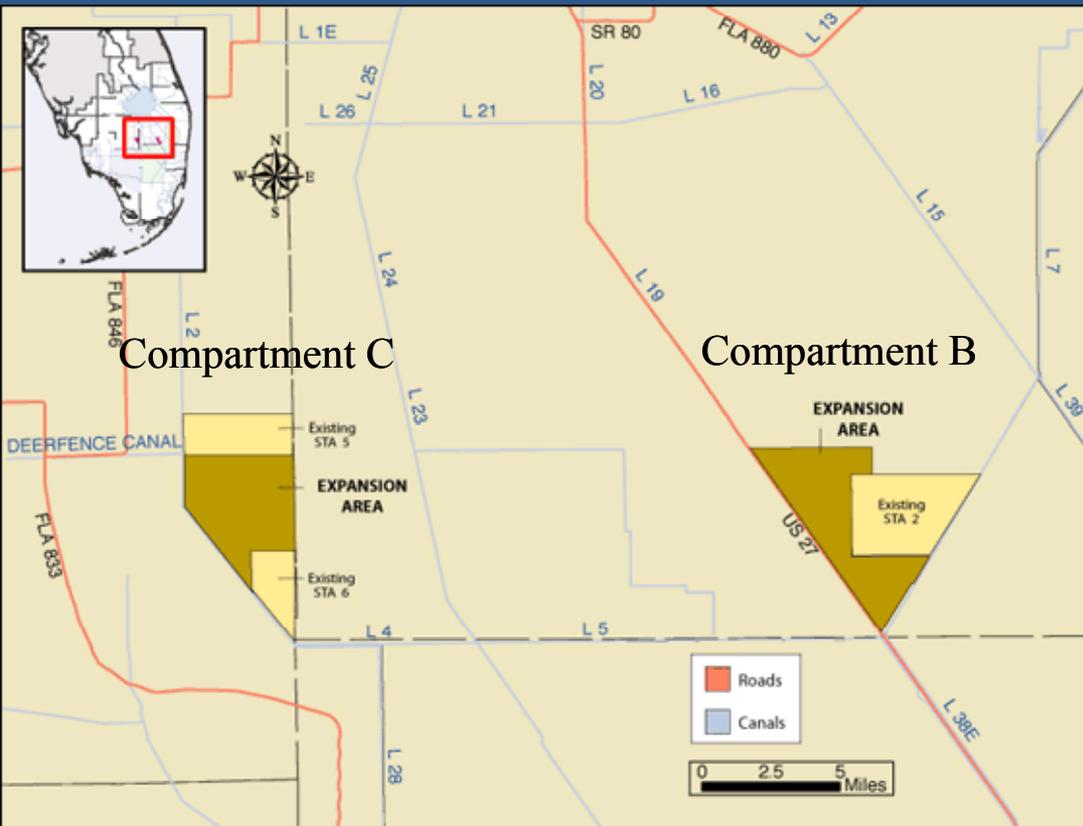
# Long Term Plan

## Status:

- Since 1994, more than 45,000 acres of STAs constructed; \$1.8 billion investment
- In 2008, 775,000 acre-feet of water treated; reduced total phosphorus loads by 80%
- Combined with BMPs, prevented more than 2,800 metric tons of phosphorus from entering the Everglades to date



# STA Expansions/ Compartment B & C Buildouts



## Description/Benefit:

- 17,000 treatment acres to complement existing Everglades Agricultural Area STAs

## Status:

- 100% land acquired
- Initial expansions at STA-2 Cell 4, STA 5-3 and STA 6-2 completed in 2007
- Compartment C Buildout design and permitting complete; construction started - April
- Compartment B Buildout design and permitting complete; construction start - June

# Everglades Agricultural Area Reservoir – A1



## Description/Benefit:

- Additional water storage in EAA
- Improved flood protection

## Status:

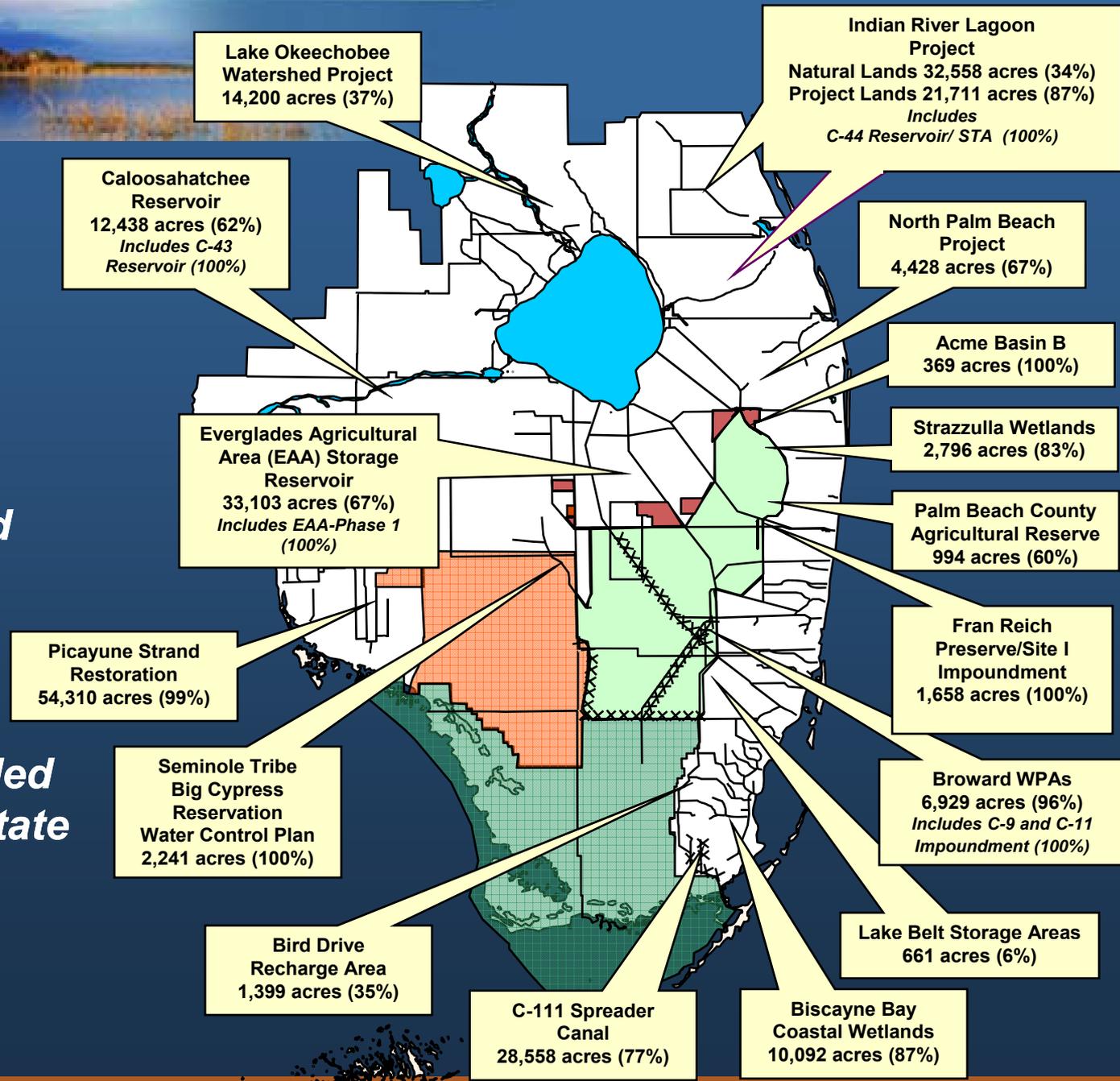
- Test cell complete
- Project design complete
- Seepage canal excavation complete
- Construction on hold pending litigation outcome



# Land Acquisition Progress

Approximately 230,000 acres or 58.7% of estimated lands needed for CERP acquired

\$1.6 Billion expended  
\$1.3B - SFWMD/State  
\$247M - Federal  
\$101M - Local





# Design and Construction

## \$504,340,539

	<u>Design</u>	<u>Construction</u>
■ Picayune Strand	\$ 14,803,573	\$ 8,139,237
■ C-111 Spreader Canal Ph I	\$ 7,838,334	\$ 0
■ Lakeside Ranch	\$ 11,143,598	\$ 0
■ Site 1 Impoundment	\$ 3,723,380	\$ 0
■ C-44 Reservoir/STA	\$ 19,021,016	\$ 17,082,990
■ Biscayne Bay Coastal Wetlands	\$ 5,984,672	\$ 0
■ C-43 West Reservoir	\$ 17,071,659	\$ 10,214,970
■ C-11 Impoundment	\$ 4,126,883	\$ 0
■ C-9 Impoundment	\$ 3,834,620	\$ 0
■ WCA 3A/3B Seepage Mgmt.	\$ 3,327,116	\$ 0
■ L-8	\$ 0	\$ 537,070
■ Acme Basin B	\$ 4,534,889	\$ 11,610,907
■ Comps. B&C Buildouts	\$ 31,922,771	\$ 60,884,303
■ EAA A-1	\$ 19,009,086	\$249,529,465
*Internal Labor, Fringes & Indirect Not Included		
■ TOTAL (expended to date)	\$146,341,597	\$357,998,942



Questions?