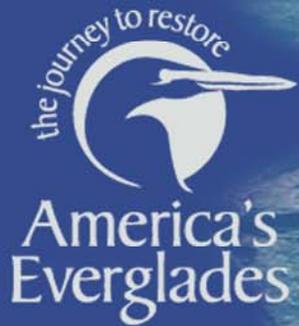
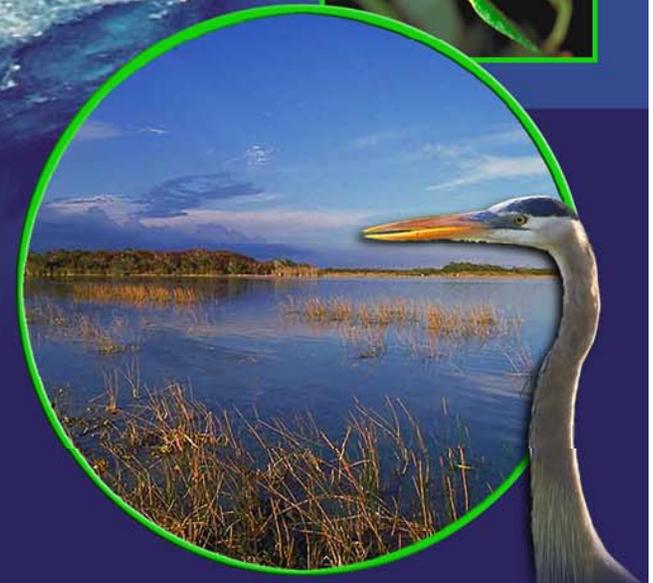


**Working Group
15 November 2005**



the **Restoration**
of America's Everglades &
the South Florida Ecosystem



Topics

- C&SF Project Update
- CERP Project Update
- Program Level Actions



Modified Water Deliveries to Everglades National Park



Completed:

- S-355A&B
- Tigertail Camp
- Removal of 4 miles of L-67 Ext
- Interim S-356

Ongoing:

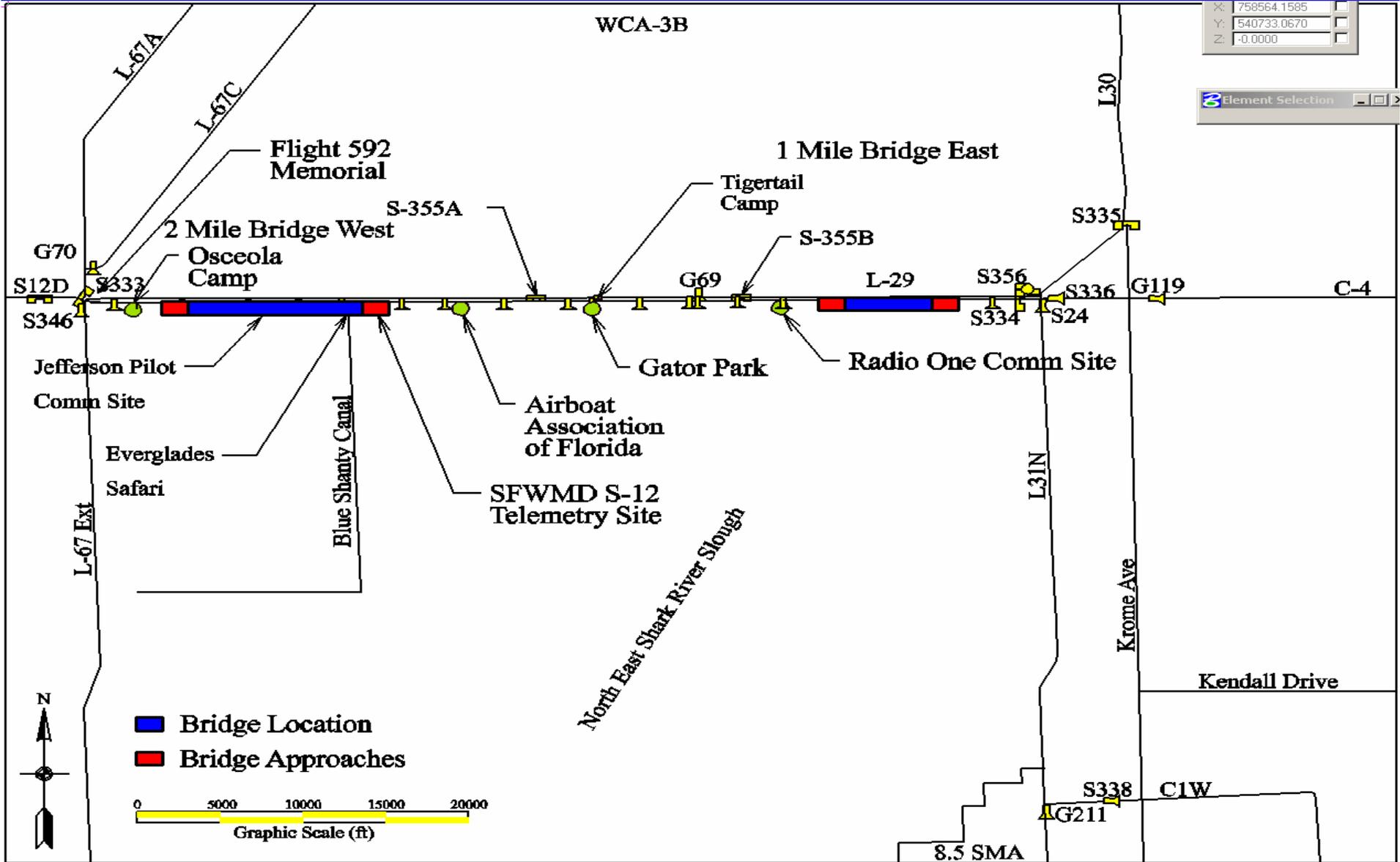
- Completion of Acquisition in 8.5 SMA – vacant land, FPL, & Roadway
- Tamiami Trail Final GRR being prepared.

- Contract for 8.5 SMA awarded for Pump Station, STA, Levee, and canal

Upcoming:

- Completion of Final GRR for Tamiami Trail

Tamiami Trail - Tentatively Selected Plan 2 Mile Bridge West and 1 Mile Bridge East



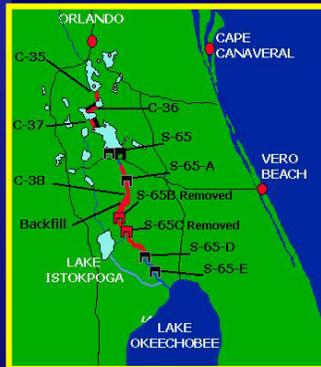
South Florida Ecosystem Restoration continued

Current Program

Modified Water Deliveries to ENP

(Funded Thru DOI)

Kissimmee River Restoration



Critical Projects Program

Continuing Authorities Program (1135, 206)

Central & Southern Florida Project

Upper St Johns

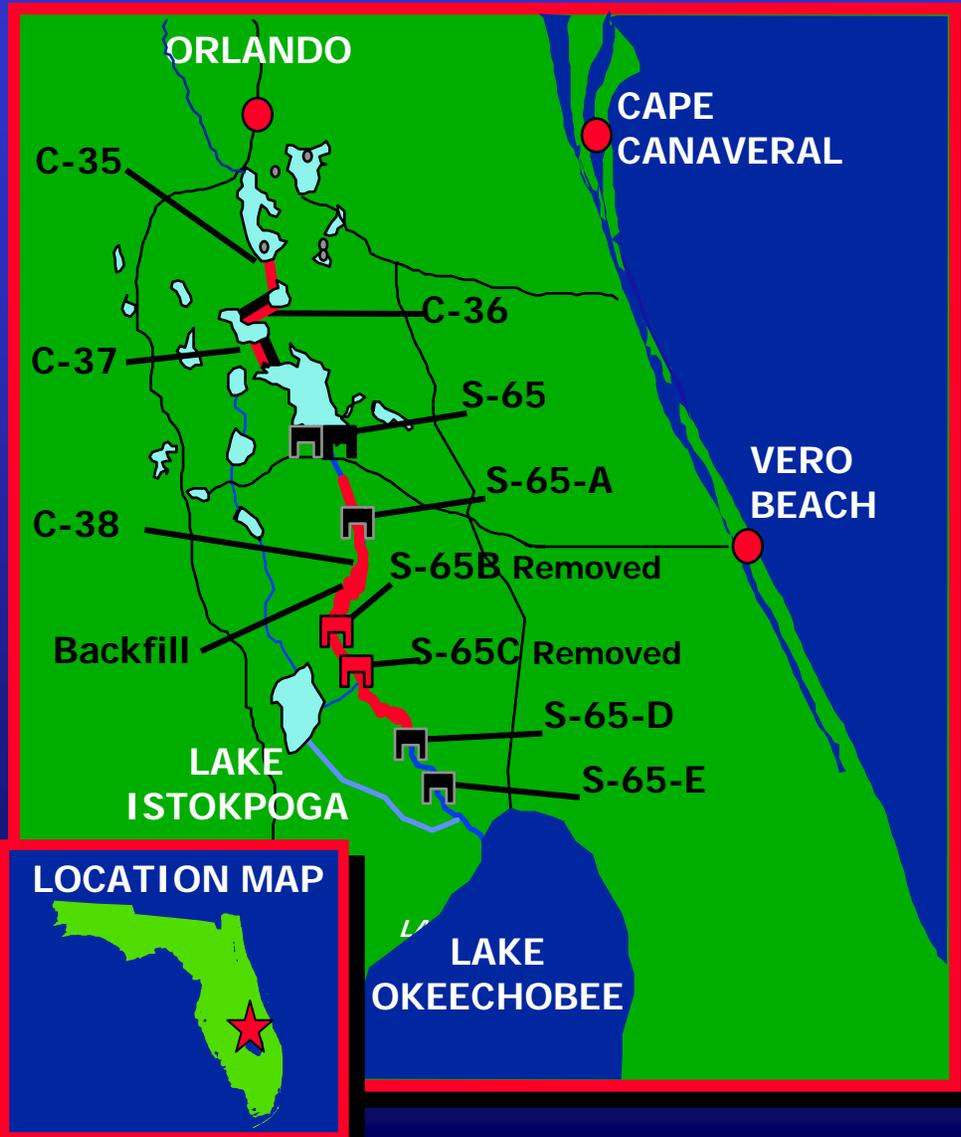
Manatee

C-51 / STA-1E

C-111

CERP

Kissimmee River Restoration



- **Authorization:** WRDA 92
- **Purpose:** Environmental Restoration
- **Features:** 22 Miles of Canal Backfilling, Levees, Control Structure Expansion, Canal Enlargement, and Structure Removal, Land Acquisition
- **Project Cost:** \$572.4M
- **Cost Share:** 50/50
- **Local Sponsor:** South Florida Water Management District
- **Status:** Construction Underway, 1st backfill contract for 7 miles complete, Flood proofing work underway. Award of next backfill pending



South Florida Ecosystem Restoration continued

Current Program

Modified Water Deliveries to ENP

(Funded Thru DOI)

Kissimmee River Restoration

Critical Projects Program



Continuing Authorities Program (1135, 206)

Central & Southern Florida Project

Upper St Johns

Manatee

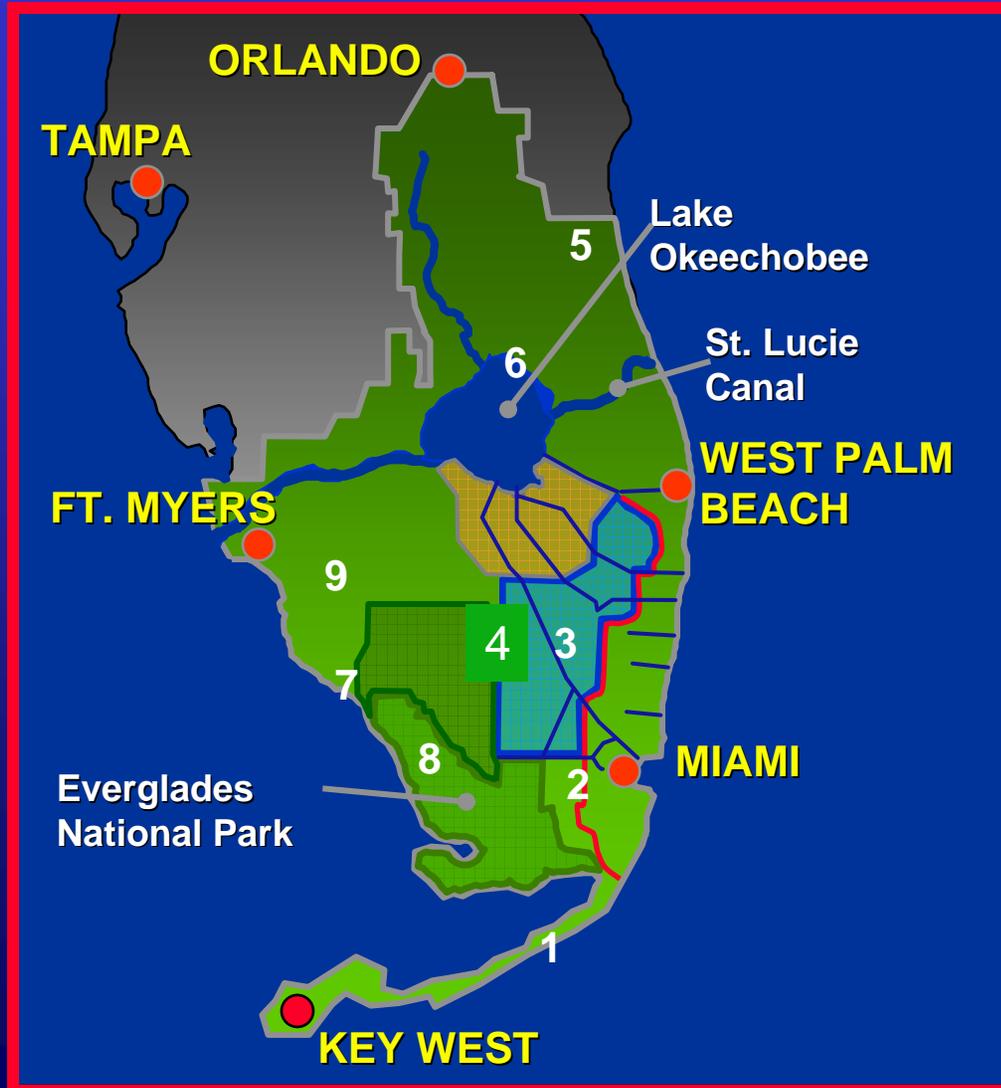
C-51/STA-1E

C-111

CERP

Critical Ecosystem Restoration Projects

Special Program authorized by Congress in 1996
at total cost of \$150 million



1. Keys Carrying Capacity
2. C-4 East Coast Canals
3. Western C-11
4. Seminole-Big Cypress
5. Ten Mile Creek
6. Lake Okeechobee
7. Southern CREW
8. Tamiami Trail Culverts
9. Lake Trafford Restoration



South Florida Ecosystem Restoration continued

Current Program

Modified Water Deliveries to ENP

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Kissimmee River Restoration

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Continuing Authorities Program (1135, 206)



Central & Southern Florida Project

Upper St Johns

Manatee

C-51 / STA-1E

C-111

CERP

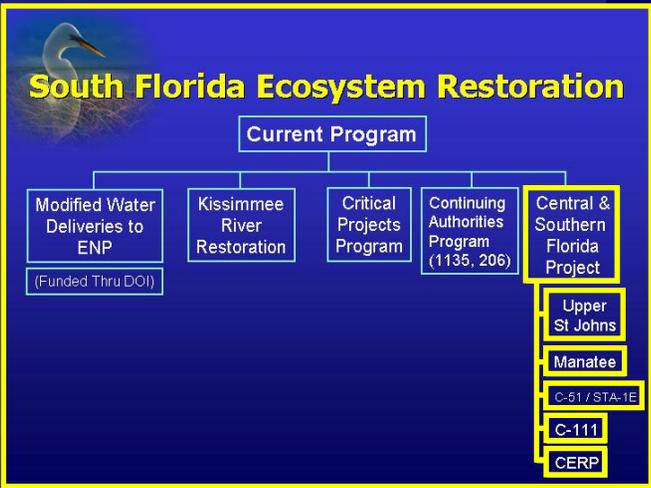
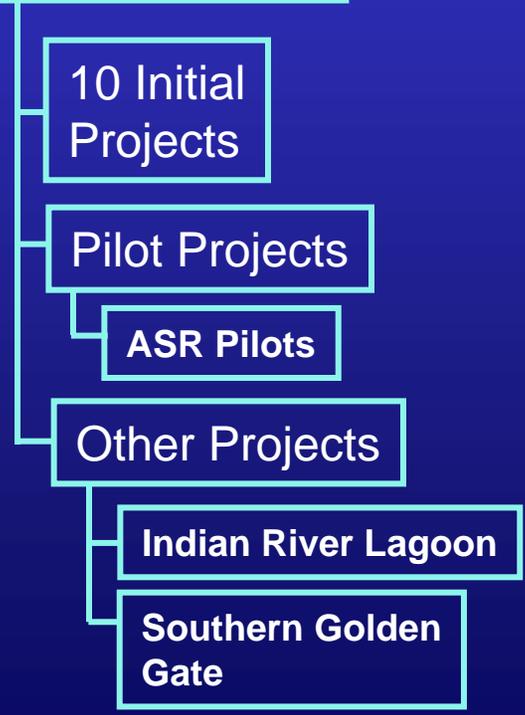


South Florida Ecosystem Restoration continued

Current Program



Central & Southern Florida Project



CENTRAL AND SOUTHERN FLORIDA PROJECT

West Palm Beach Canal (C-51) / STA 1E

PROJECT COSTS

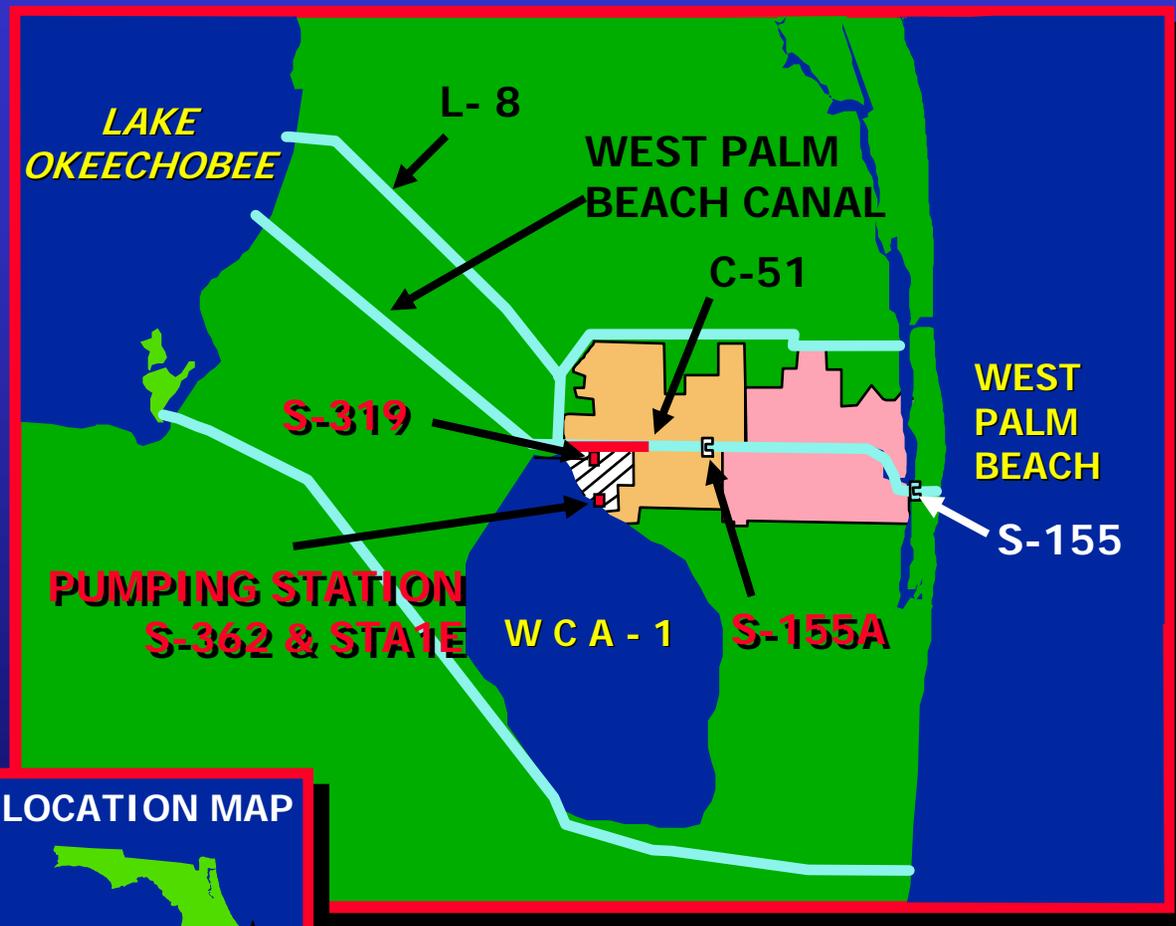
Total	\$259,100,000
Federal	\$232,900,000
Non-Fed	<u>\$ 26,200,000</u>

COST SHARING: 91/9

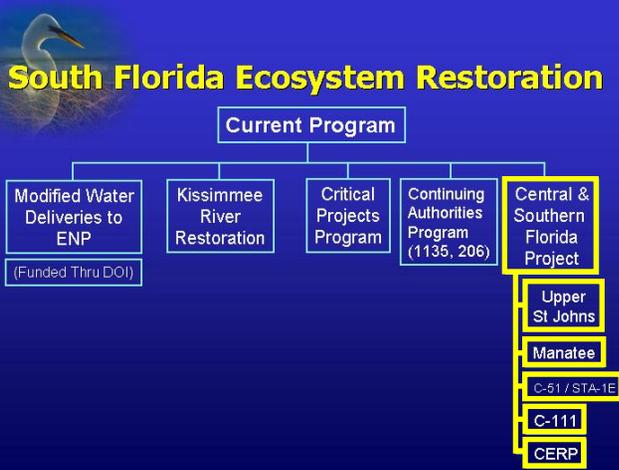
SPONSOR: SFWMD

PURPOSE: Flood Control, Water Quality, Water Supply

STATUS: Project Transferred to SFWMD for operations. PSTA field test contract award pending final negotiations. L-40 work under final design with award this Fiscal year



Central & Southern Florida Project



CENTRAL AND SOUTHERN FLORIDA PROJECT SOUTH DADE COUNTY (C-111)

PROJECT COSTS

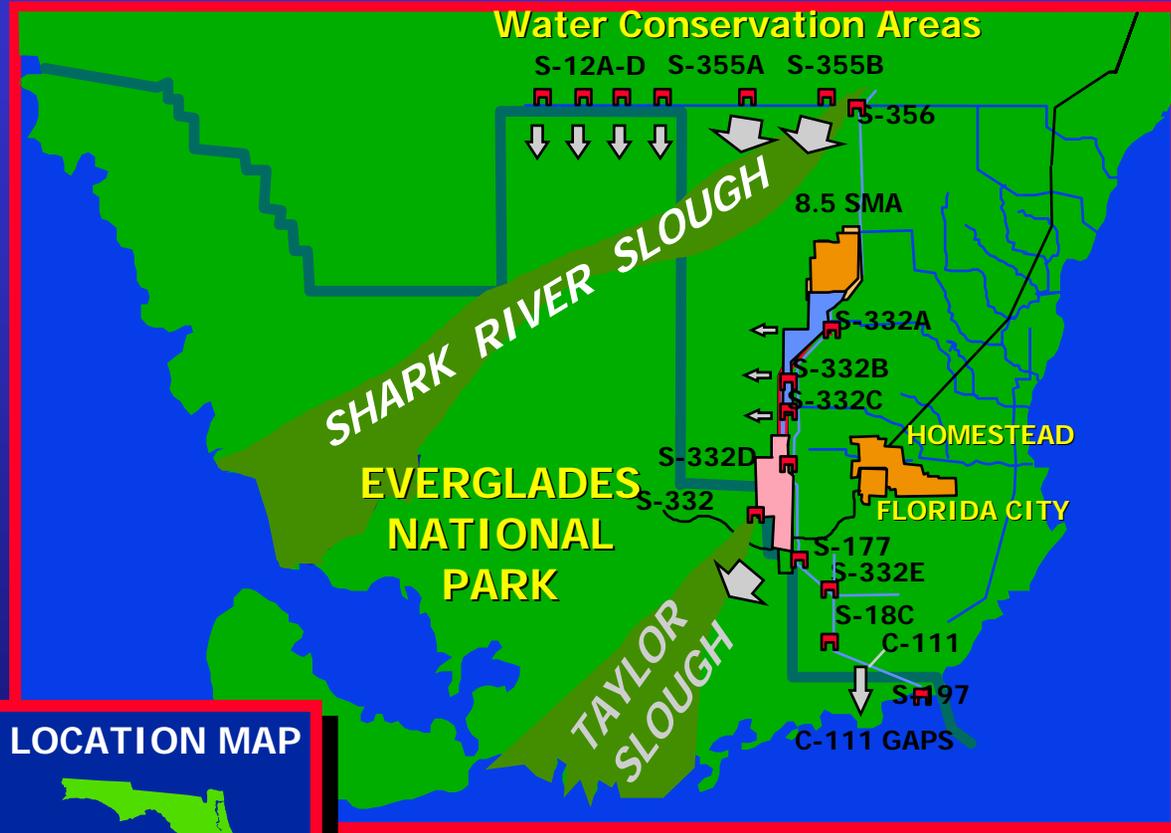
Total	\$274,670,000
Federal	\$137,335,000
Non-Fed	\$137,335,000

COST SHARING: 50/50

SPONSOR: SFWMD

PURPOSE: Environmental Restoration, Flood Control, and Water Supply

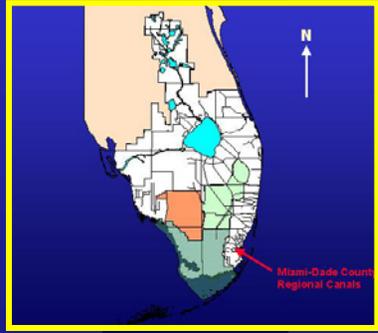
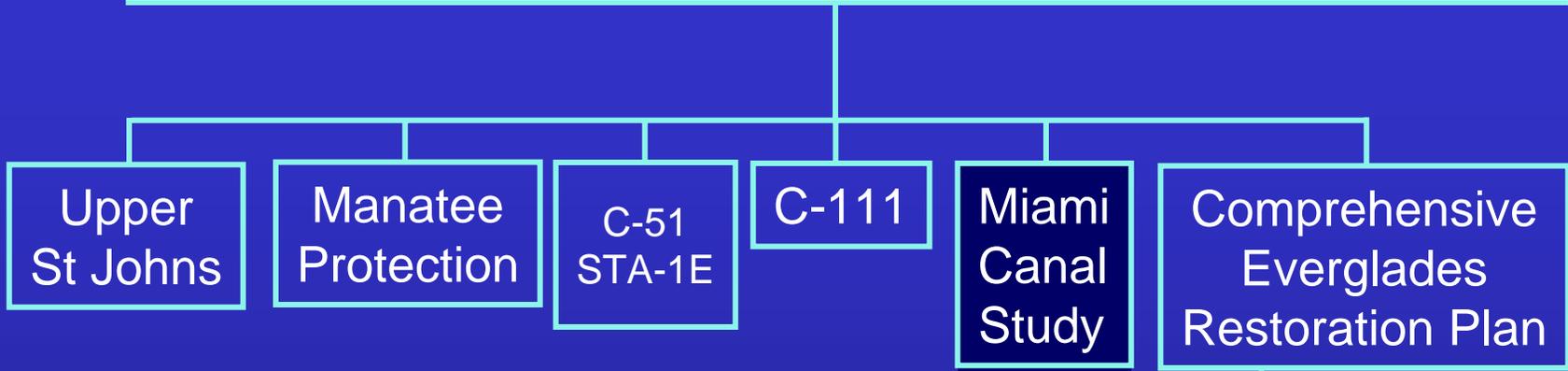
STATUS: Design ongoing. S-331 Control Building and Phase 2 Construction awaiting completion of design. To be awarded this fiscal year.



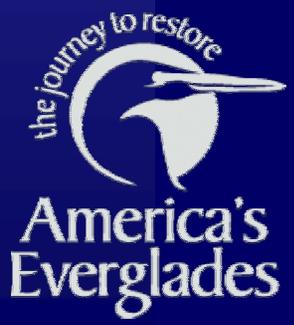
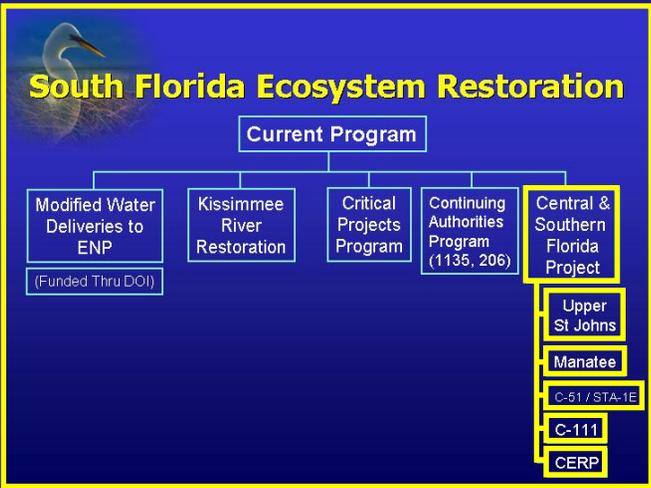
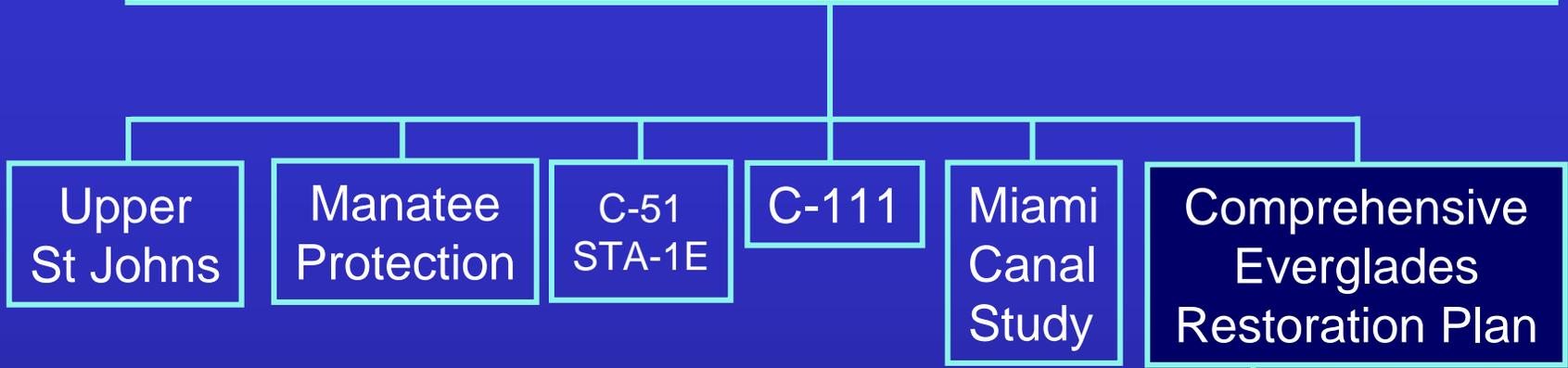
LOCATION MAP



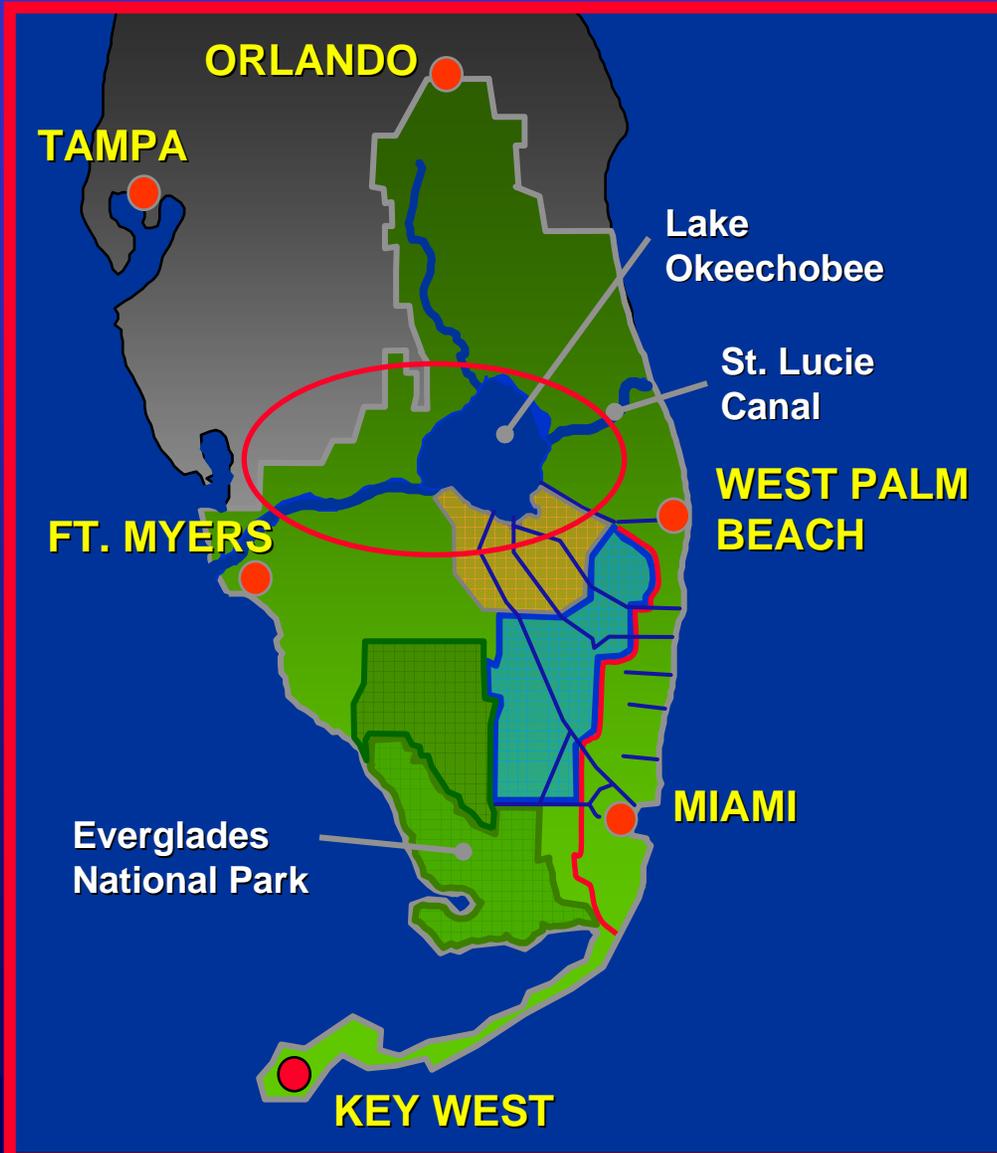
Central & Southern Florida Project



Central & Southern Florida Project



Lake Okeechobee



CERP

1. Lake Okeechobee Watershed - PIR underway, Alternatives being developed & analyzed. Coordinating with LOER/LOFT plan.
2. C-43 Basin Reservoir - PIR underway – Modeling challenges

Other Projects

1. Lake Okeechobee Regulation – Current Deviation ongoing, Scoping meetings being held for WSE modification near term (1 year).
2. Dike Rehab – 1st contract awarded for \$19.7 million for 4.6 mile reach in southeast corner.

Lake Okeechobee Regulation Schedule Review



Scope:

- Modification of current WSE schedule
- Options to reduce number and frequency of high water events and large discharges to estuaries

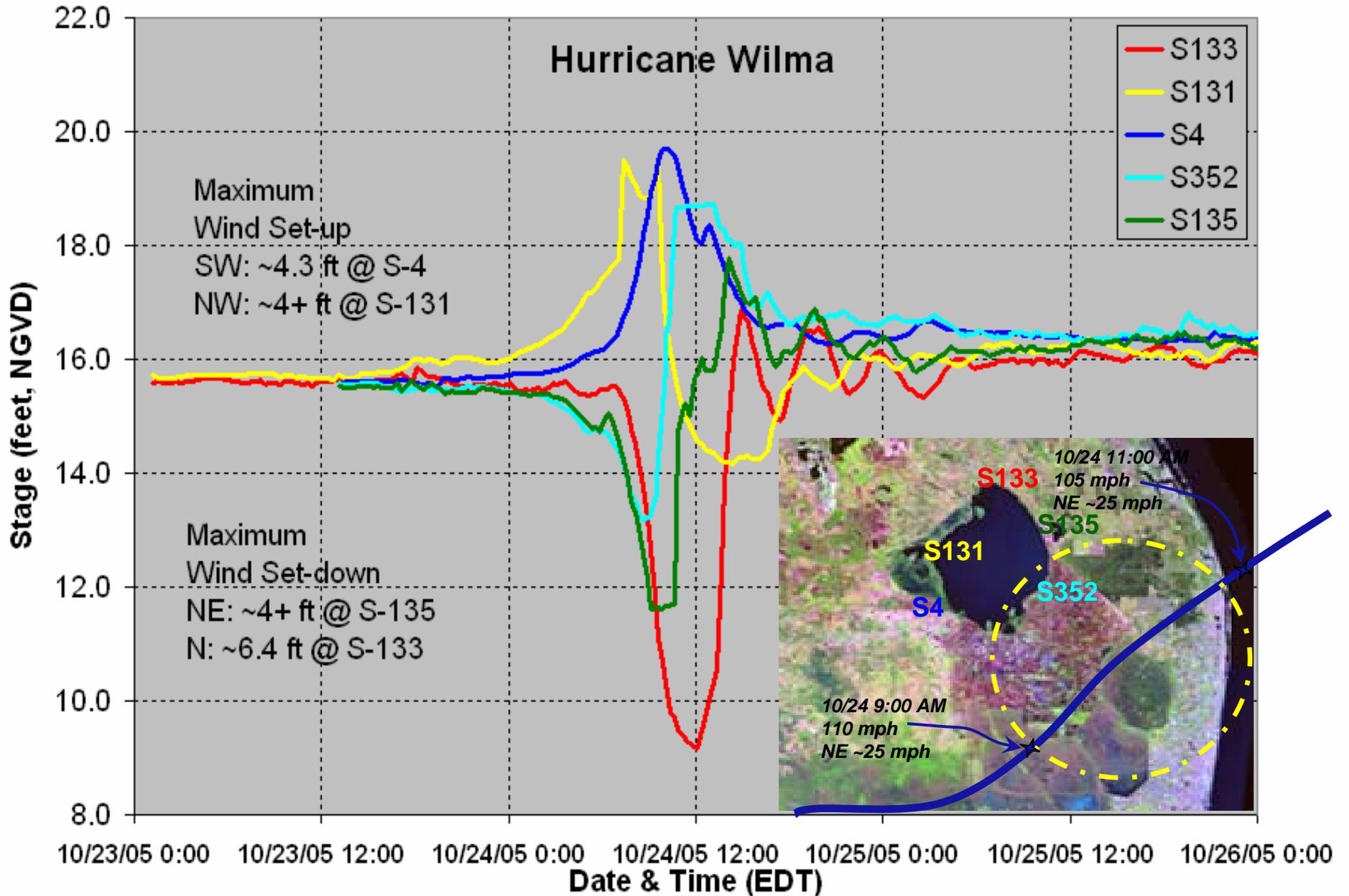
Status:

- Scoping in progress
- Completion in Dec 2006

Issues:

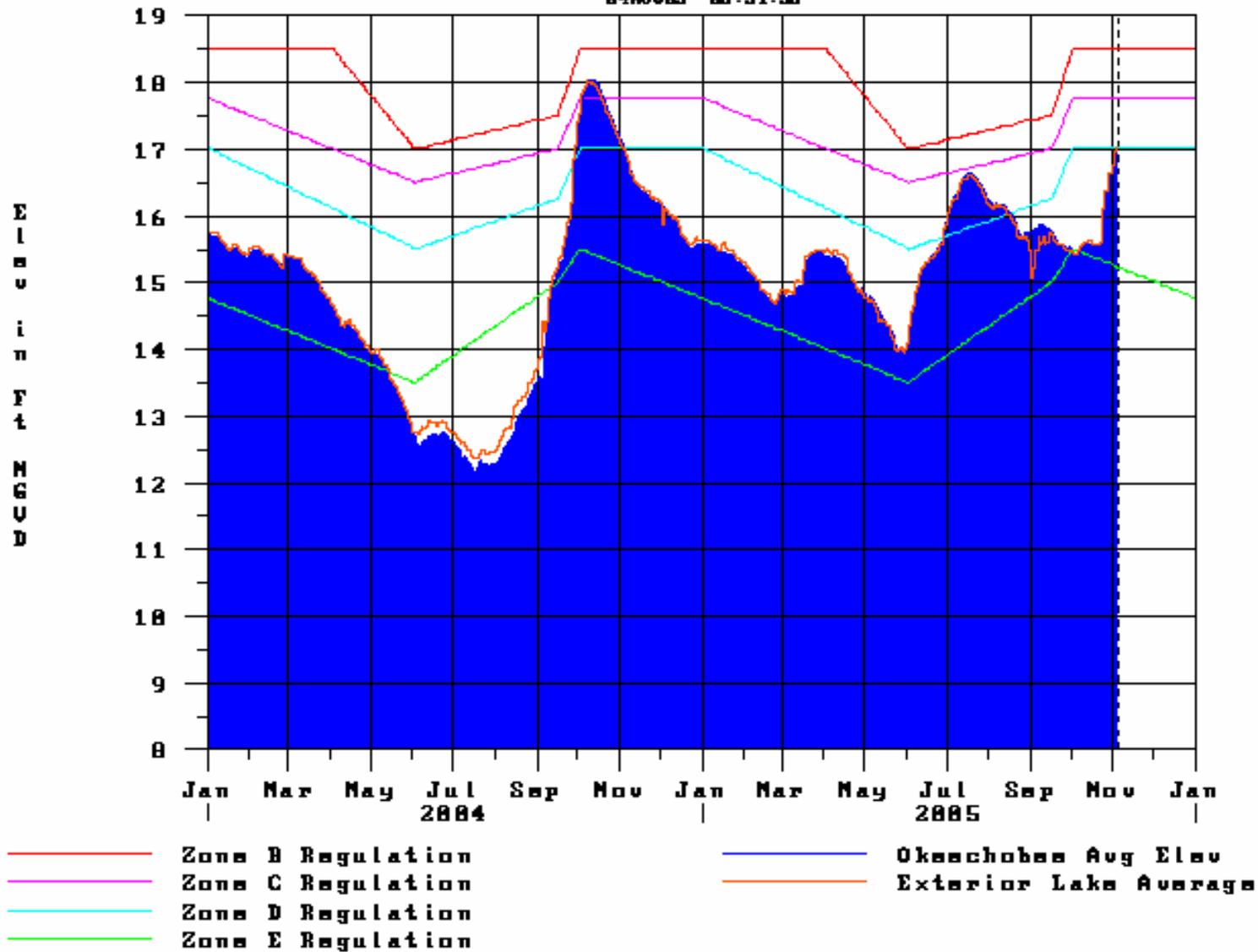
- Potential impacts to water supply
- HDD

Lake Okeechobee Stages

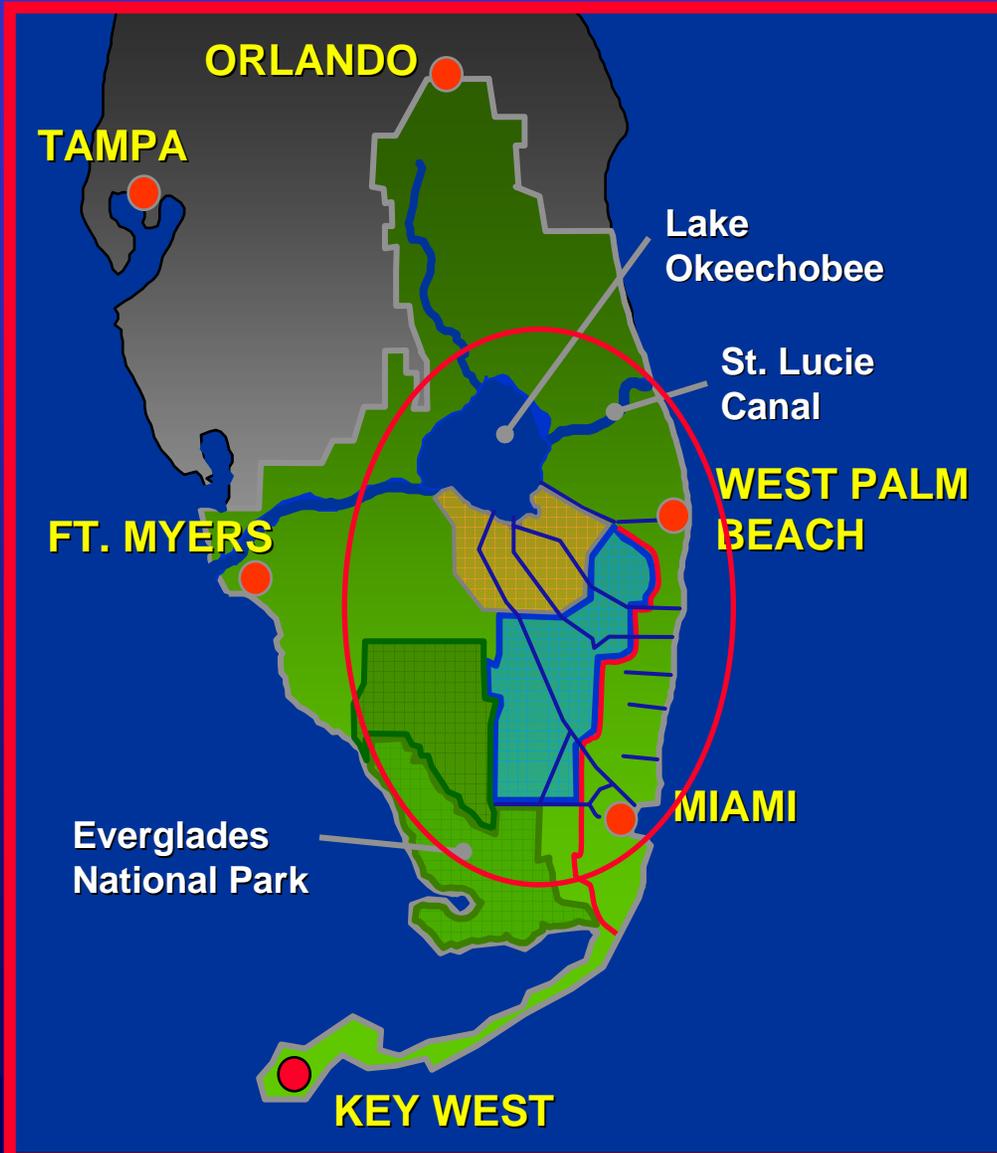


Lake Okeechobee

84HOURS 80:31:56



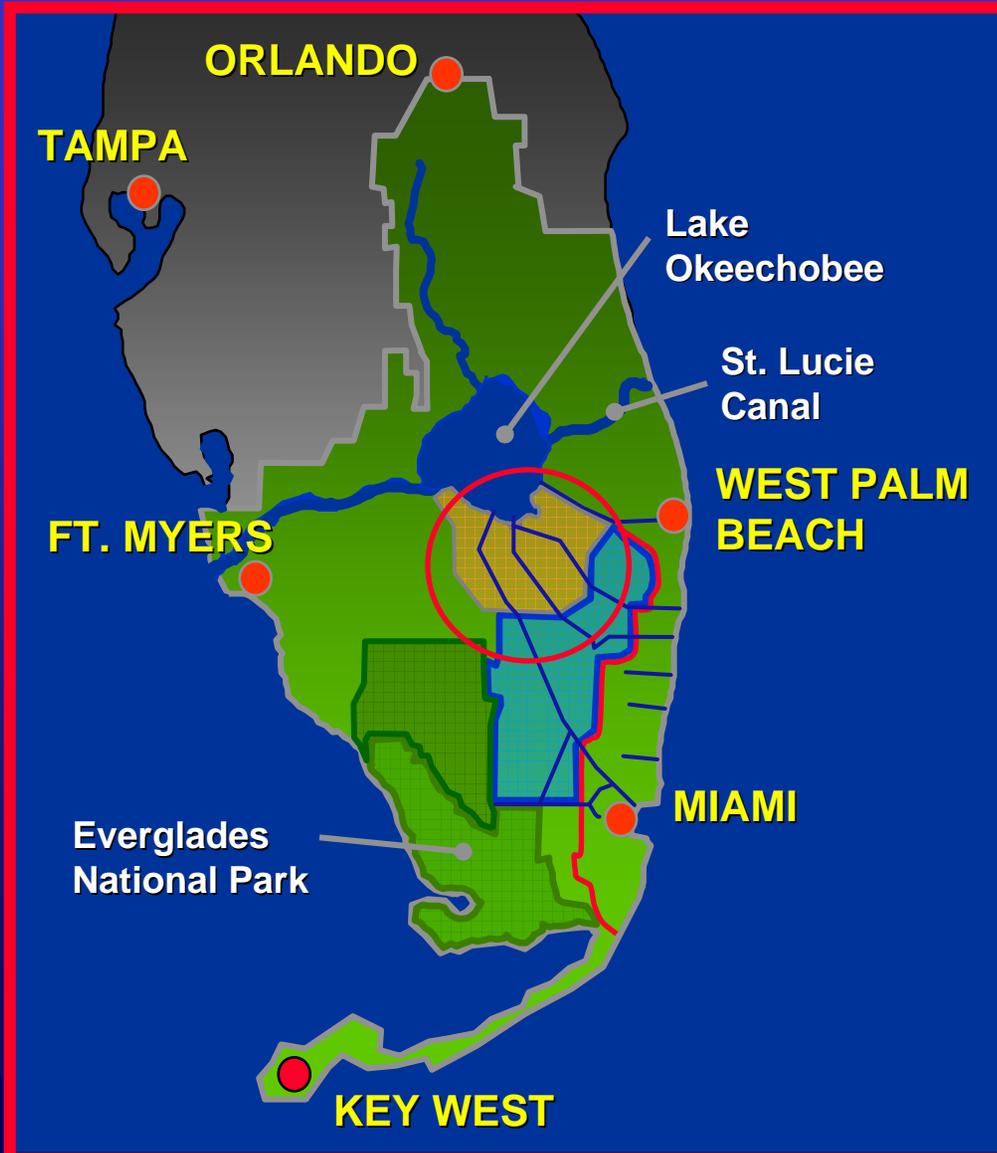
Aquifer Storage & Recovery



CERP

1. Lake Okeechobee, Hillsboro, C-43 ASR Pilots
 - Design underway
 - Final Pilot Project Design Report approved.
 - Construction to start this fiscal year on Lake Okeechobee sites, C-43 to follow. SFWMD pursuing Hillsboro site.
2. Regional ASR Study - Study underway.
3. ASR Contingency Plan – Team to meet in December to initiate

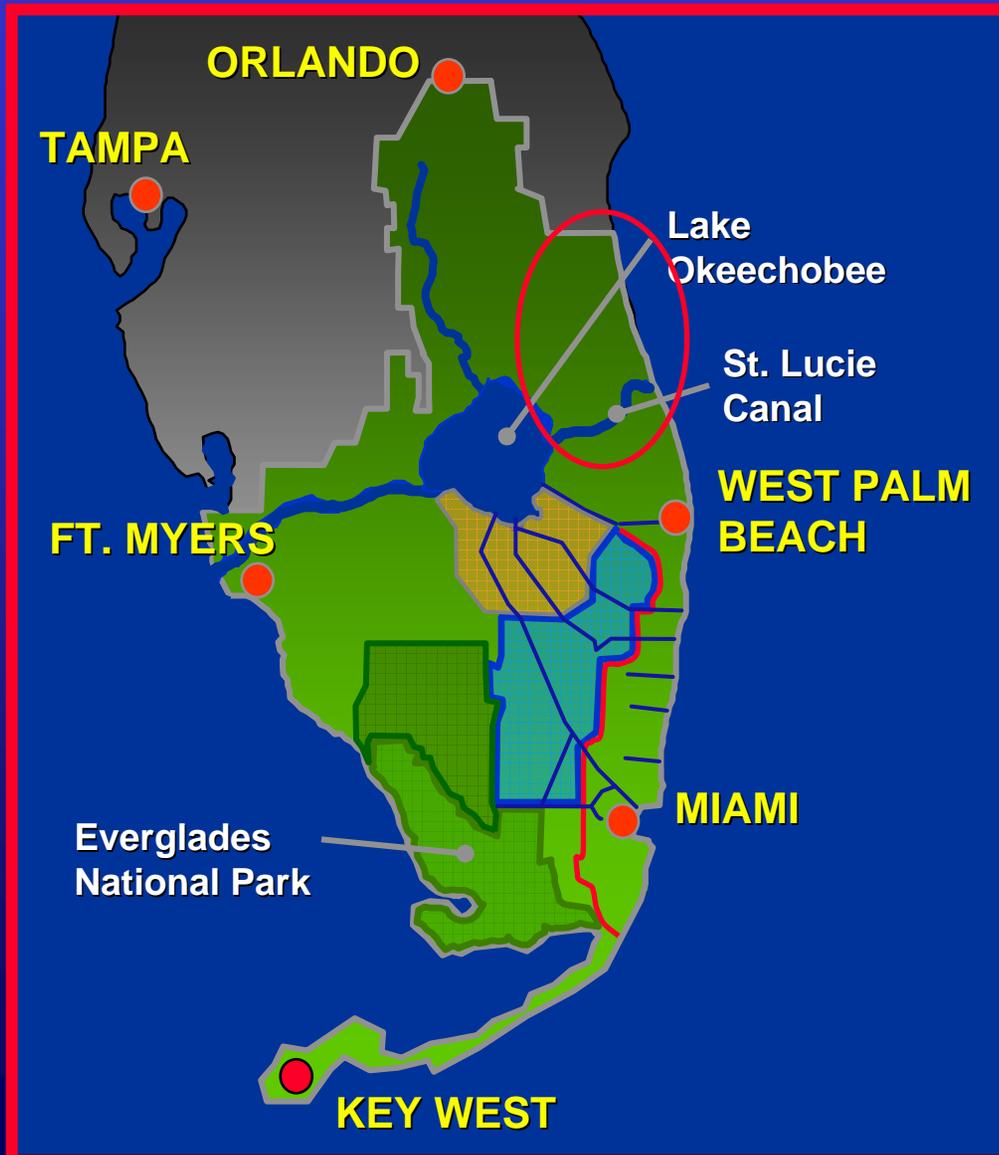
Everglades Agricultural Area



CERP

1. EAA Storage Reservoirs
 - PIR underway
 - Draft report out for review, comment period extended to provide 45 days following posting of assurances section in December

Upper East Coast

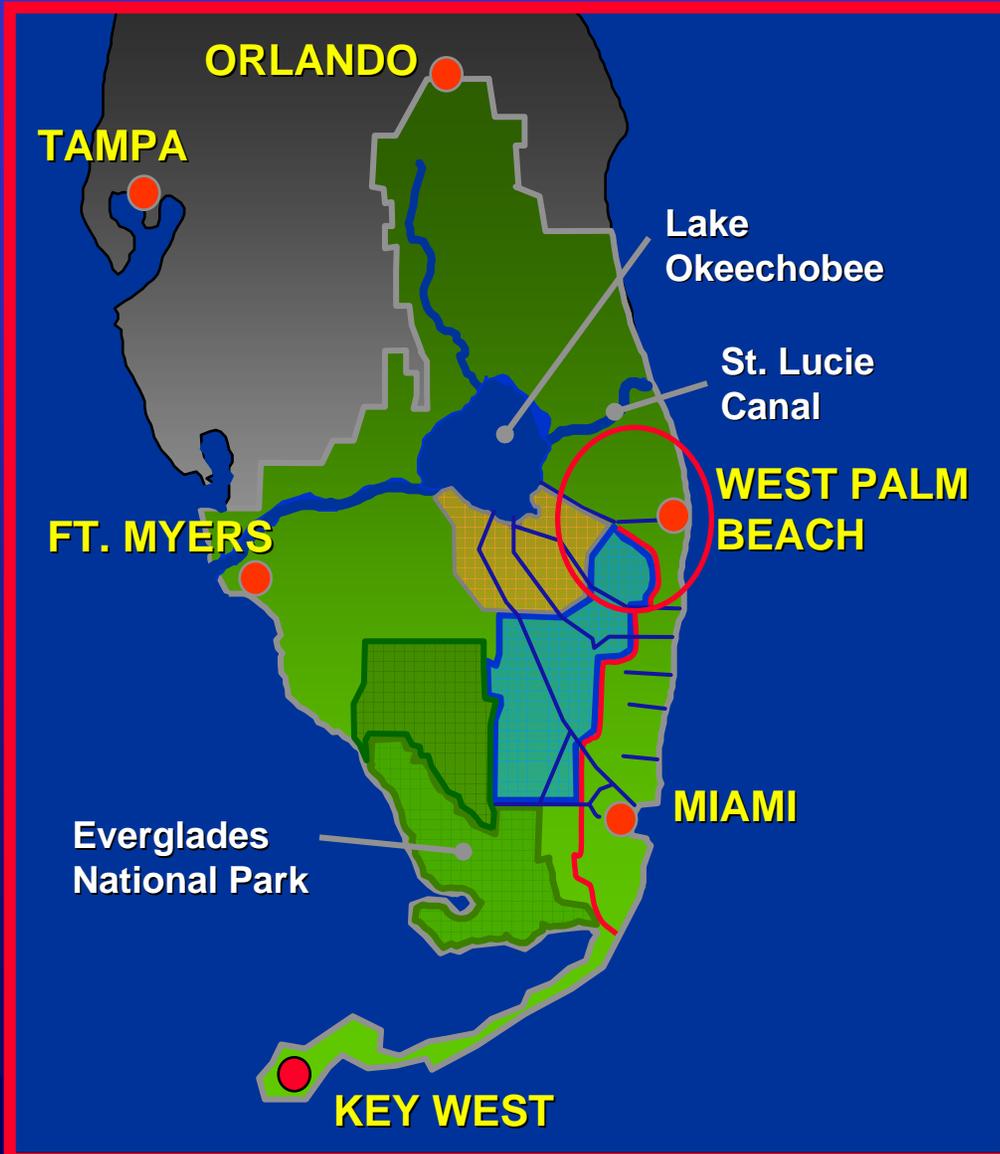


CERP

1. Indian River Lagoon

- ASA Review completed
- OMB Review completed
- ASA responded to OMB and processing report to Congress
- Detailed design initiated for project features – C-44 by SFWMD, C-23/24 reservoirs by Corps

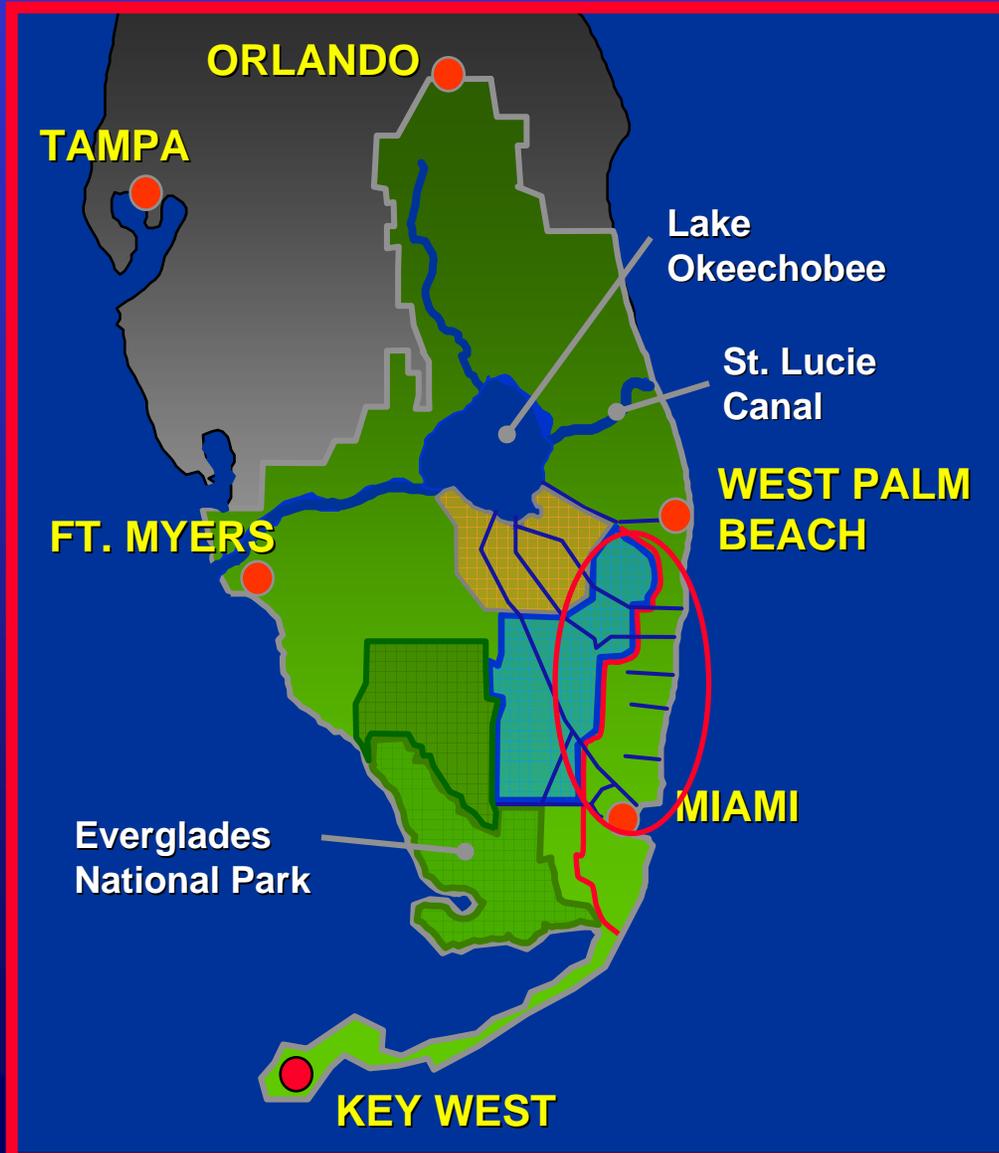
Northern Palm Beach County



CERP

1. North Palm Beach County
- PIR Underway with TSP in Spring 2006
2. Winsberg Farms
- PIR underway with draft report to be released in December.

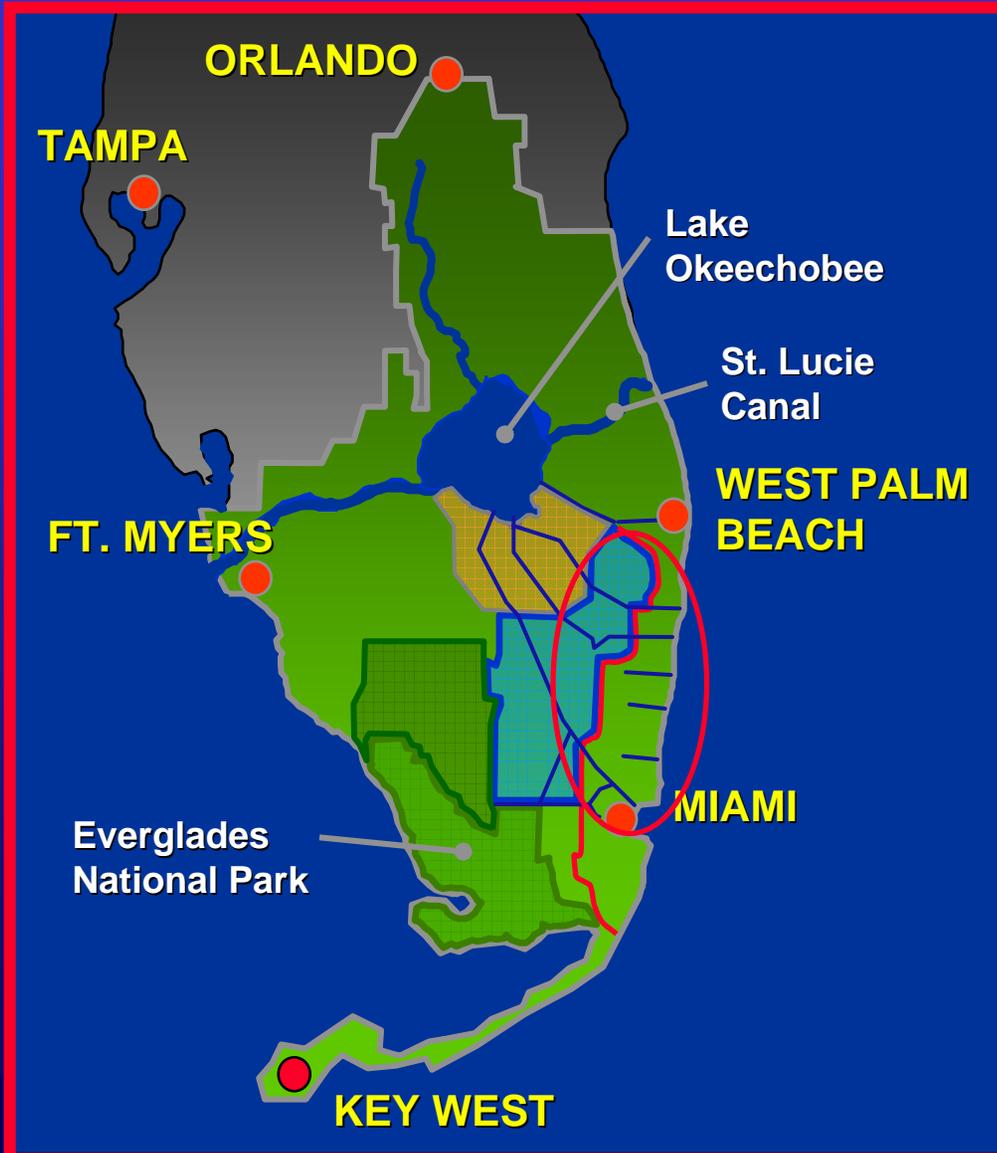
Water Preserve Areas



CERP

1. Acme Basin B
 - PIR underway
 - Draft report to be released in December
2. Site 1
 - Final PIR submitted to our Division Office
3. Broward County WPA – includes C-9, C-11, and WCA 3A/3B Seepage management
 - PIR underway with draft to be released in January

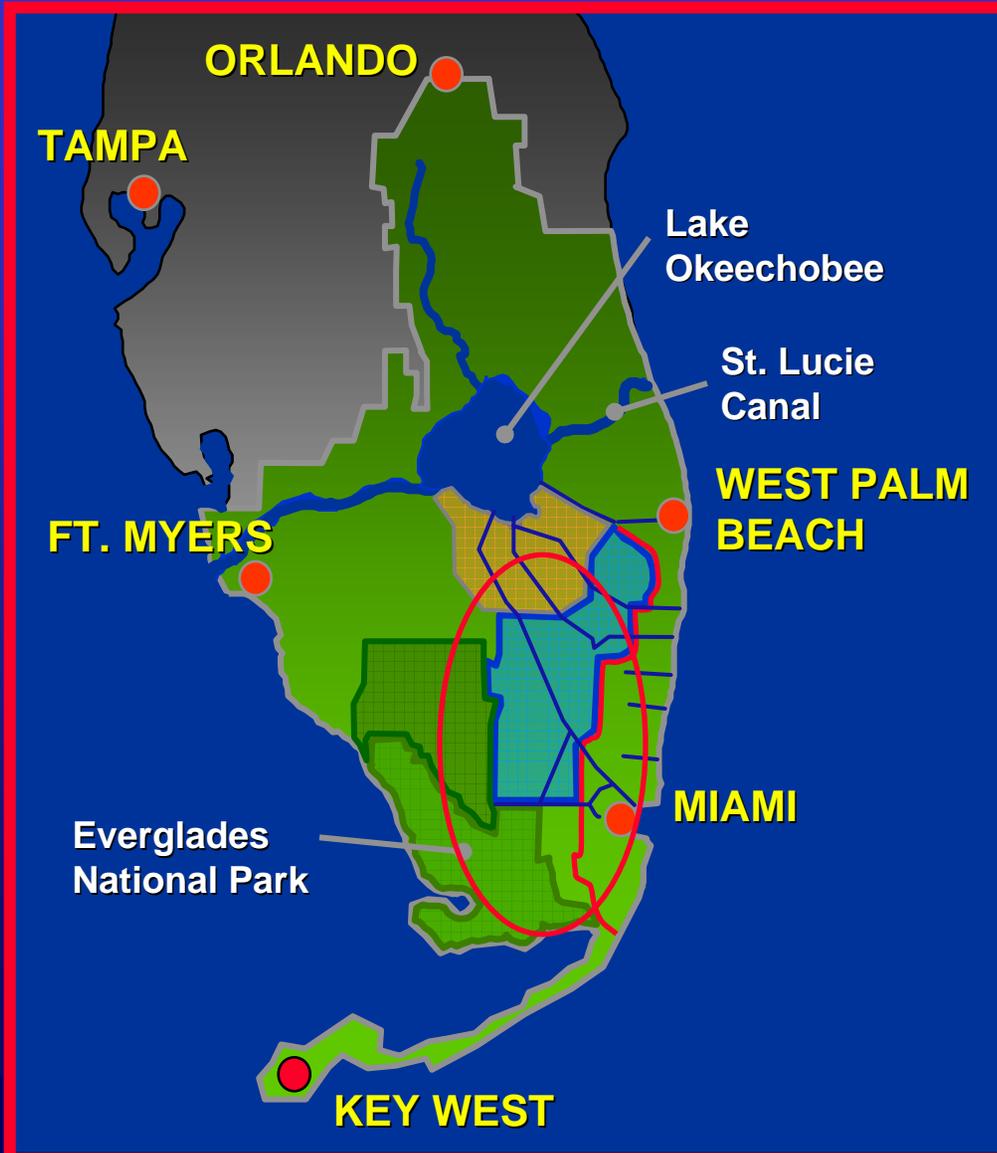
Miami-Dade County



CERP

1. Biscayne Bay Coastal Wetlands
 - PIR underway, Alternative plans being analyzed
 - TSP in Feb 06
2. Bird Drive Recharge Basin
 - Being combined with ENP Seepage component. New schedule and plan being developed

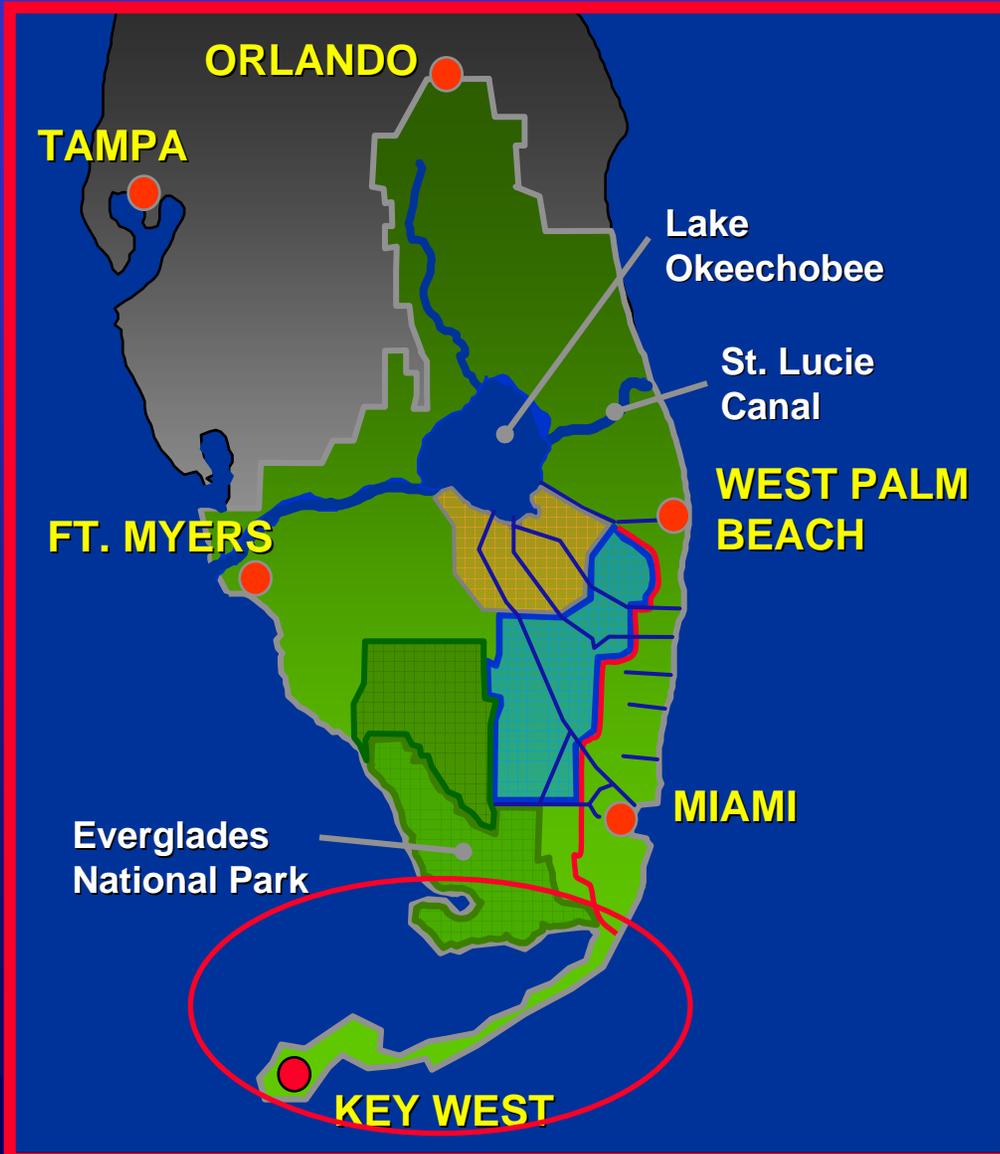
Everglades



CERP

1. WCA Decomp – Part 1
 - PIR underway,
 - Plans being developed for application of adaptive assessment implementation
2. C-111 Spreader Canal
 - PIR underway,
 - Alternative plans being analyzed
 - TSP in Oct 06
3. L-31 Seepage Pilot
 - Report to be revised to reflect L-30 location of cutoff wall pilot

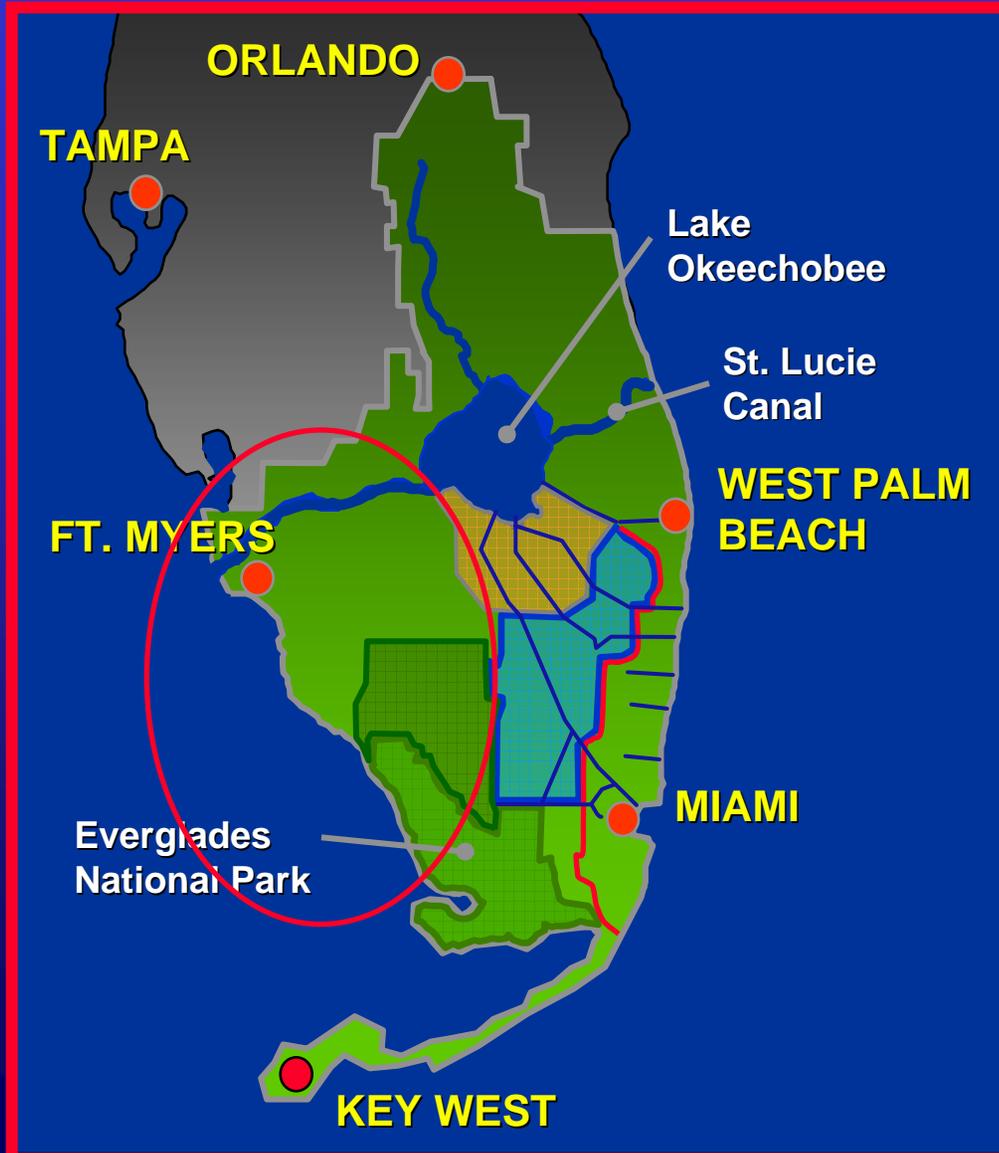
Florida Bays, Florida Keys



CERP

1. Florida Keys Tidal Improvement (CERP)
 - PIR to resume in January
 - MISP update recommends construction as “Pilot”
2. Florida Bay/Florida Keys Feasibility Study
 - Study underway, efforts focus on model development, working with NASA for LIDAR survey.
 - Formulate alternatives this FY

Lower West Coast



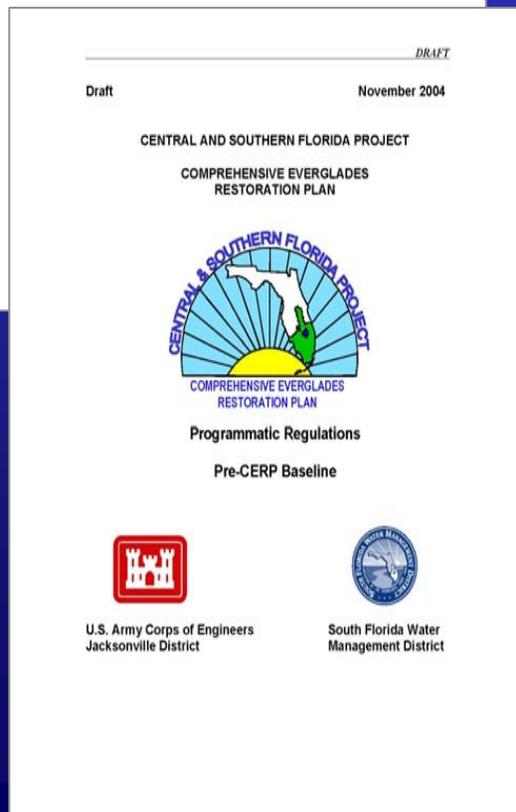
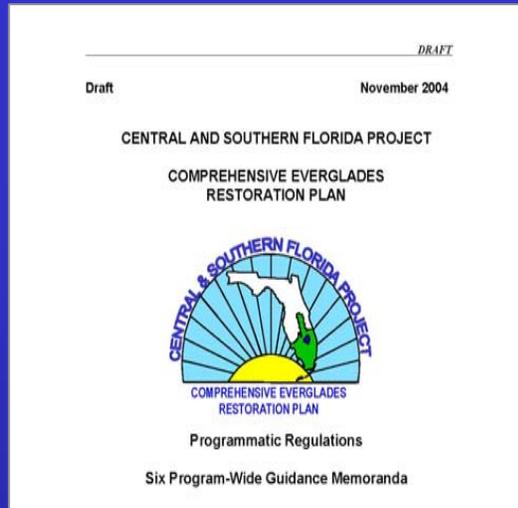
CERP

1. Southwest Florida Feas Study underway
 - Team working to define array of alternatives
 - Team looking at potential water quality problems and needs
2. Lakes Park
 - PMP complete. PIR underway
3. Picayune Strand (Southern Golden Gate Estates)
 - Chief's Report issued

Guidance Memoranda

Current Status

- GM's 1, 2, 3, 5, and 6 complete
- GM 4 on Identification of water needed for Environment nearly complete.
- Challenge has been with practical application of draft GM 4 on Site 1 and other PIR's.
- Model and technical requirements have been reviewed to ensure guidance adequately addresses range of concerns



Interim Goals and Interim Targets

- Agreement being drafted.
- Draft Agreement will be posted when complete
- Following consultation, Agreement will be executed

5 Year Report to Congress

- 30 day public review period for draft complete.
- Report provides snapshot of accomplishments over first 5 years of CERP implementation.
- Report provides summary of planned work for next five years.
- Report updates overall CERP cost - \$10.5 Billion,. Up from the \$7.8 billion in 1999. 60% of increase is due to inflation alone.
- Report to be submitted to Congress following consultation with Task Force in December

Special Report on Exotics

- A special report, keying on Weeds won't Wait, has been drafted.
- Report should be released for public review in January 06

System Operating Manual

- First system-wide operating manual
- Compilation of existing water control plans and regulation schedules
- Document does not recommend changes to any project or system operations
- Report will be accompanied by an Environmental Assessment and circulated for public review and comment in December
- Will be presented to Task Force early next year for consultation

Actions in Congress

- WRDA 2005 – Includes both IRL-S and Picayune Strand. Also includes increase to Critical Projects Program Cap. Some language also proposed for Tamiami Trail and CSOP.
- DOI Funding for FY 06 Bill Language on Mod Waters
- Corps Funding bill has passed Conference – Includes funding per President's request of \$137 million for south Florida program. This includes \$35 million for Corps for Mod Waters.

Questions?

