Task Force Update
17 May 2006

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

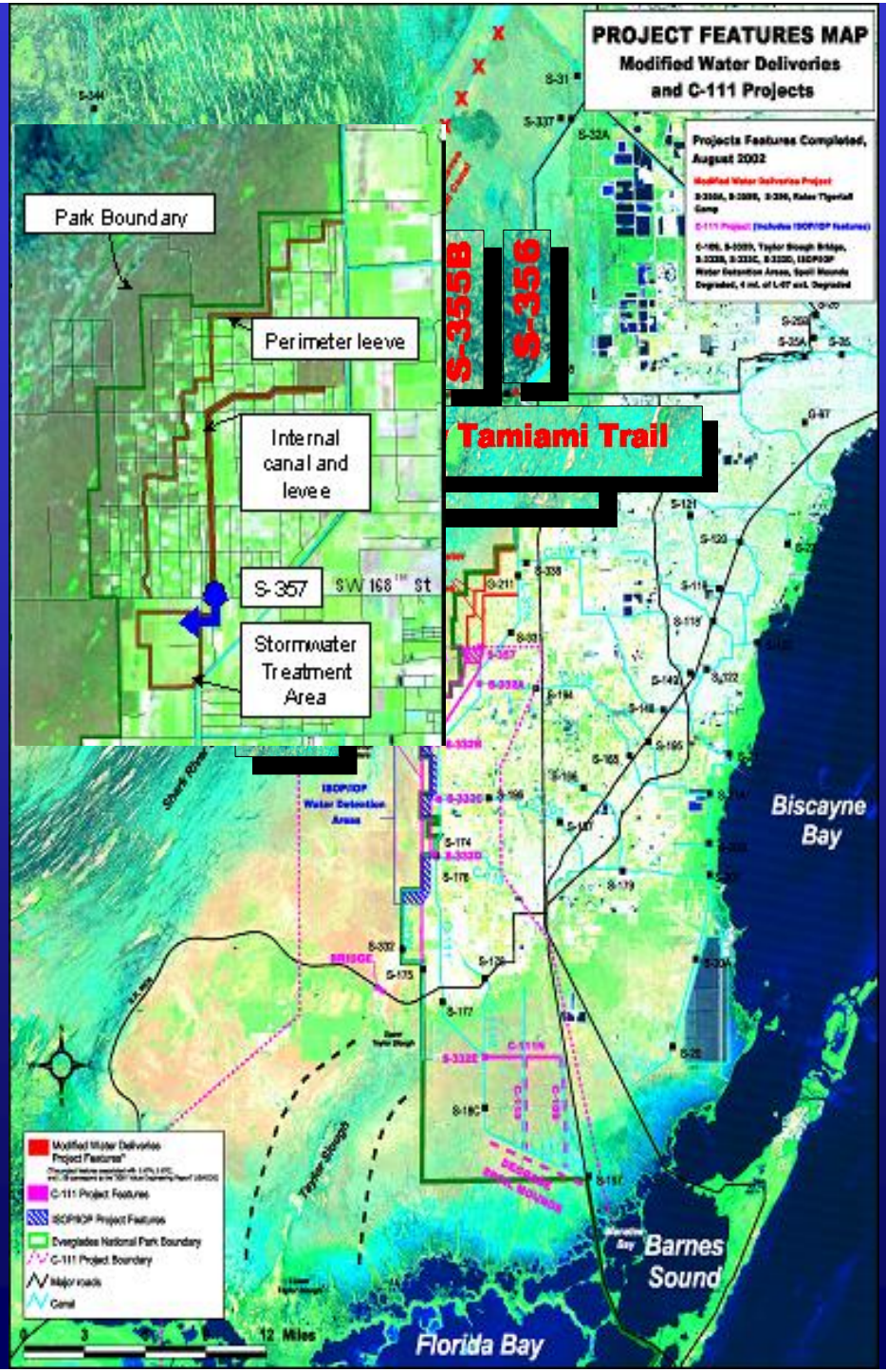
Topics

- Hot Project Topics
- CERP Update
- Program Efforts

South Florida Ecosystem Restoration

Current Program

- Modified Water Deliveries to ENP
- 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



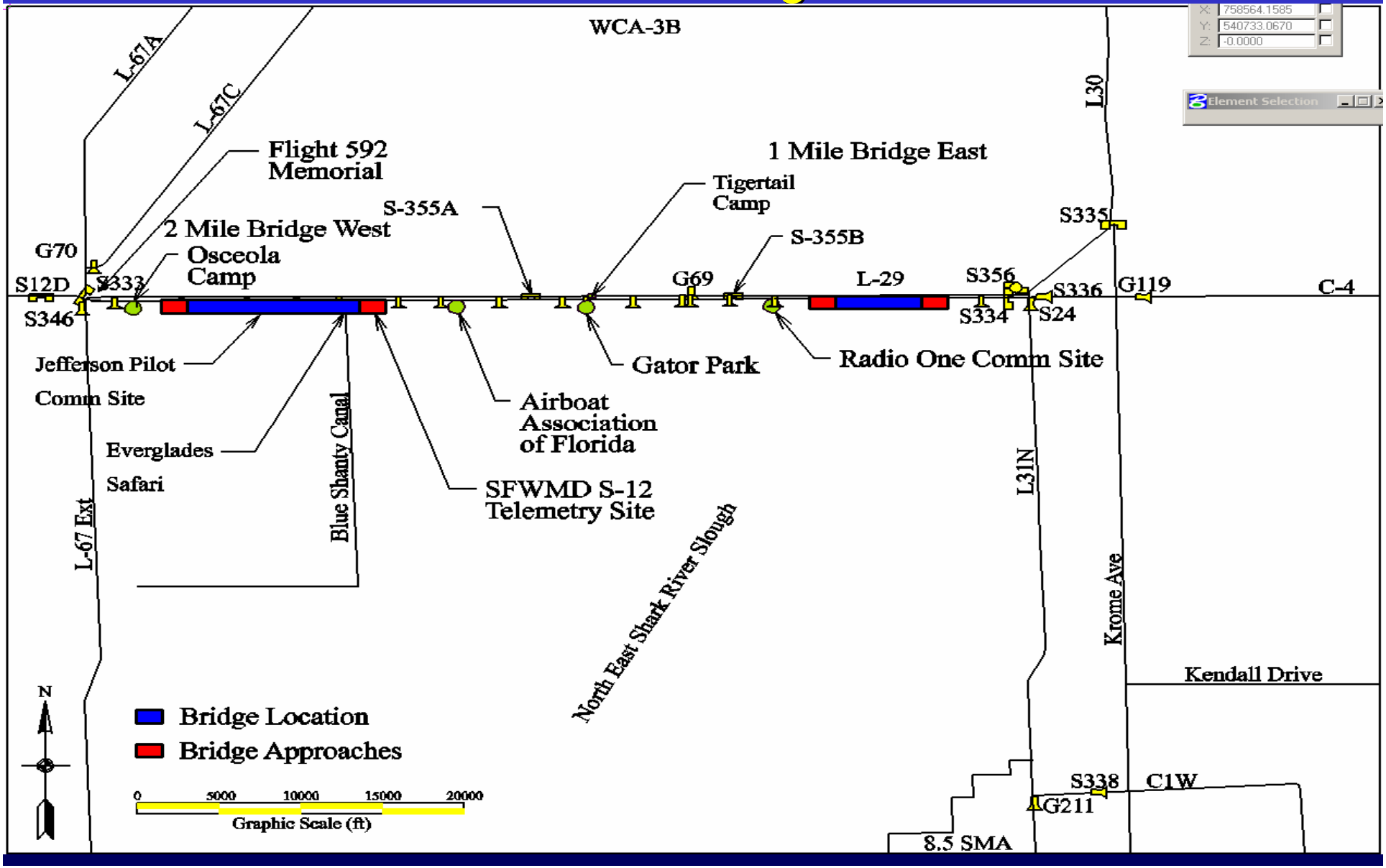
MWD Project Completion Status

- Constructed S-355 A and S-355 B in L-29 levee
- Raised Tigertail Camp
- Degraded lower 4 miles of the L-67 extension canal and levee
- Constructed Interim S-356 pump station for seepage control
- Contact awarded for construction of Alternative 6D for the 8.5 SMA
- Final RGRR/SEIS for Tamiami Trail Modifications

8.5 SMA Contract Underway

Awarded on 20 Sept 2005
For $16.99 million – 395 days
Working HTRW Issues

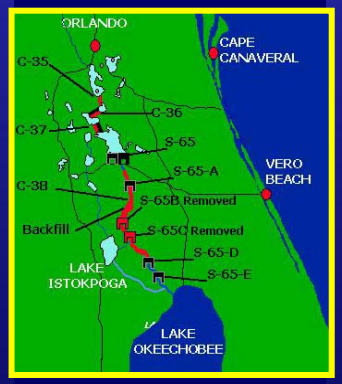
Tamiami Trail - Selected Plan
2 Mile Bridge West and 1 Mile Bridge East
Construction to Begin in 2007



South Florida Ecosystem Restoration continued

Current Program

- Modified Water Deliveries to ENP
  - (Funded Thru DOI)
- Kissimmee River Restoration



- Critical Projects Program
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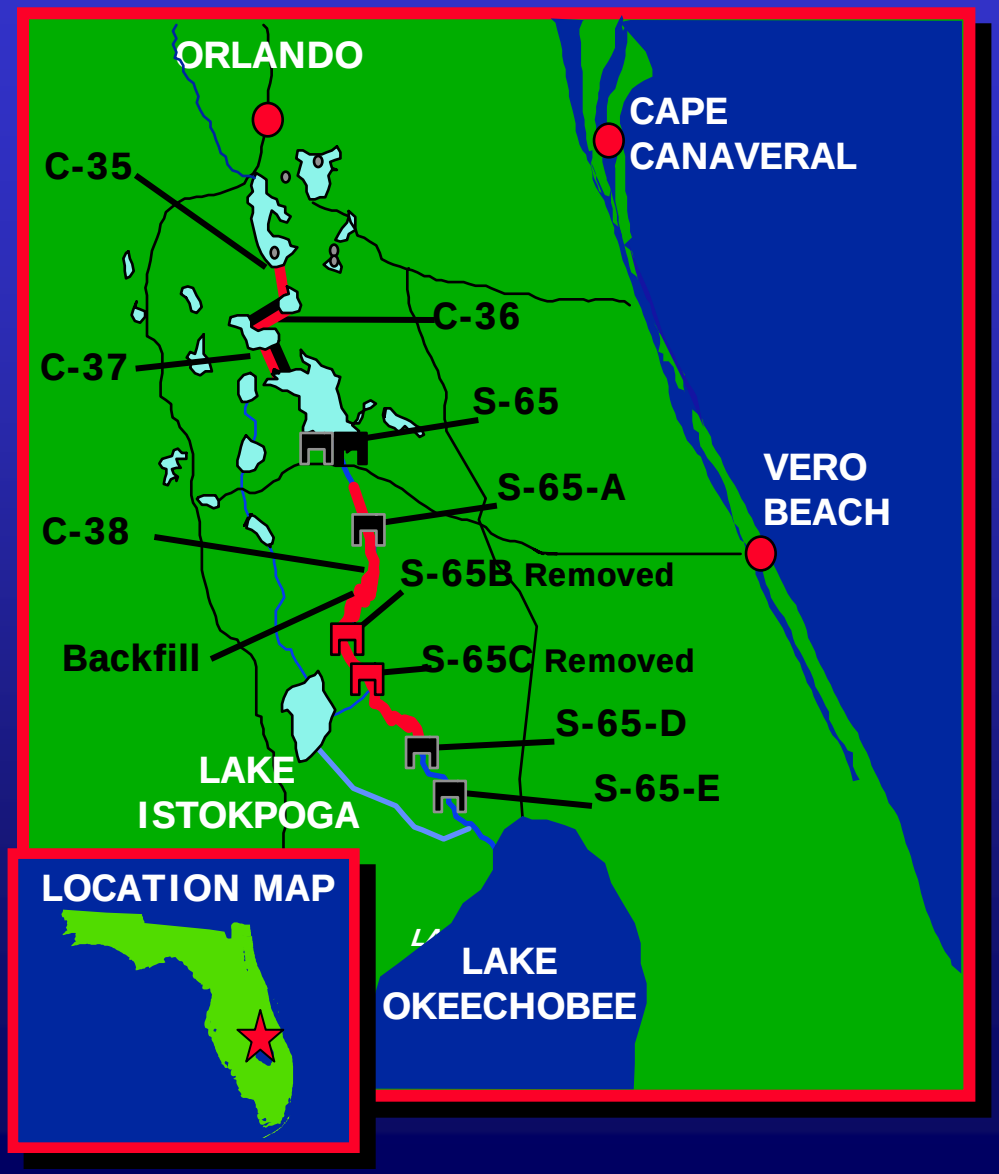
Kissimmee River Restoration



- **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

- **Status**:
  - Construction Underway,
  - 1st backfill contract for 7 miles complete
  - Flood proofing underway.
  - Land Acquisition complete.
  - Second backfill contract awarded to restore 4 more miles
  - Completion in 2011

South Florida Ecosystem Restoration continued

Current Program

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Critical Ecosystem Restoration Projects

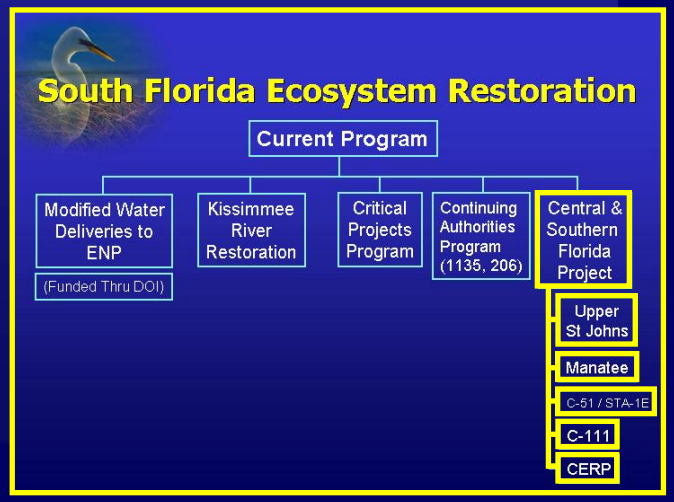
Special Program authorized by Congress in 1996 at total cost of $150 million

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

* Dedication held 27/28 April

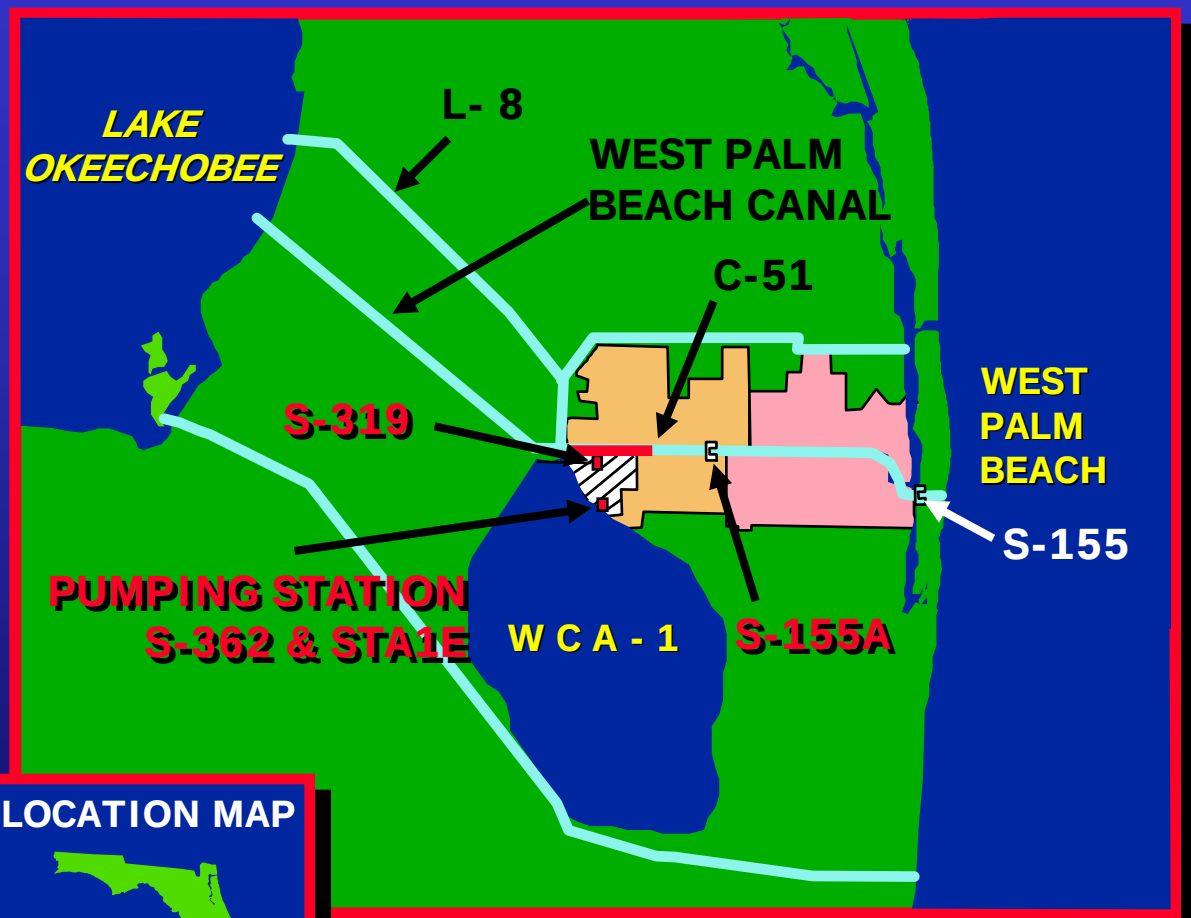
Central & Southern Florida Project

- Upper St Johns
- Manatee Protection
- C-51 STA-1E
- C-111
- Miami Canal Study
- Comprehensive Everglades Restoration Plan
  - 10 Initial Projects
  - Pilot Projects
    - **ASR Pilots**
  - Other Projects
    - **Indian River Lagoon**
    - **Southern Golden Gate**



CENTRAL AND SOUTHERN FLORIDA PROJECT

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



PROJECT COSTS

Total	**$259,100,000**
Federal	**$232,900,000**
Non-Fed	**$ 26,200,000**

COST SHARING: 91/9

SPONSOR: SFWMD

PURPOSE: Flood Control, Water Quality, Water Supply

STATUS: Construction complete with transfer to SFWMD for operations. PSTA field test contract awarded. L-40 work under design with award in fall 2006

Central & Southern Florida Project

- Upper St Johns
- Manatee Protection
- C-51 STA-1E
- C-111
- Miami Canal Study
- Comprehensive Everglades Restoration Plan
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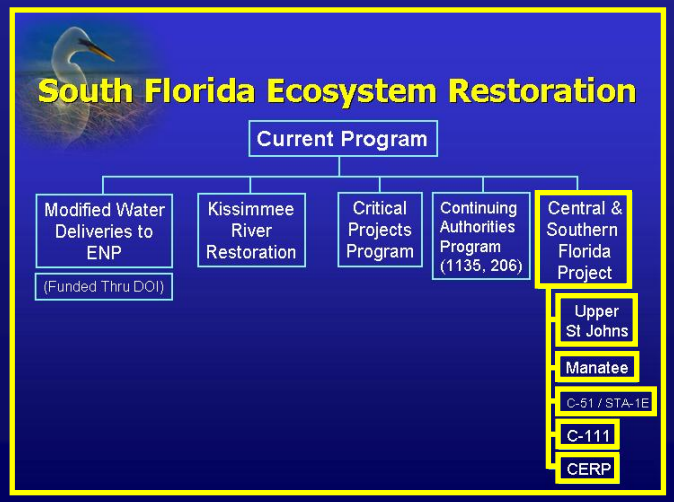

CENTRAL AND SOUTHERN FLORIDA PROJECT

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 continuing on next phase of buffer construction. Construction to be resumed next FY. Completion 2011

Central & Southern Florida Project

- Upper St Johns
- Manatee Protection
- C-51 STA-1E
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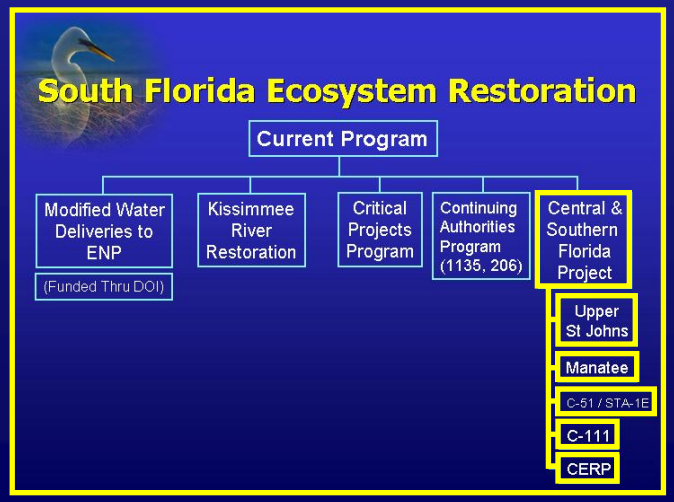
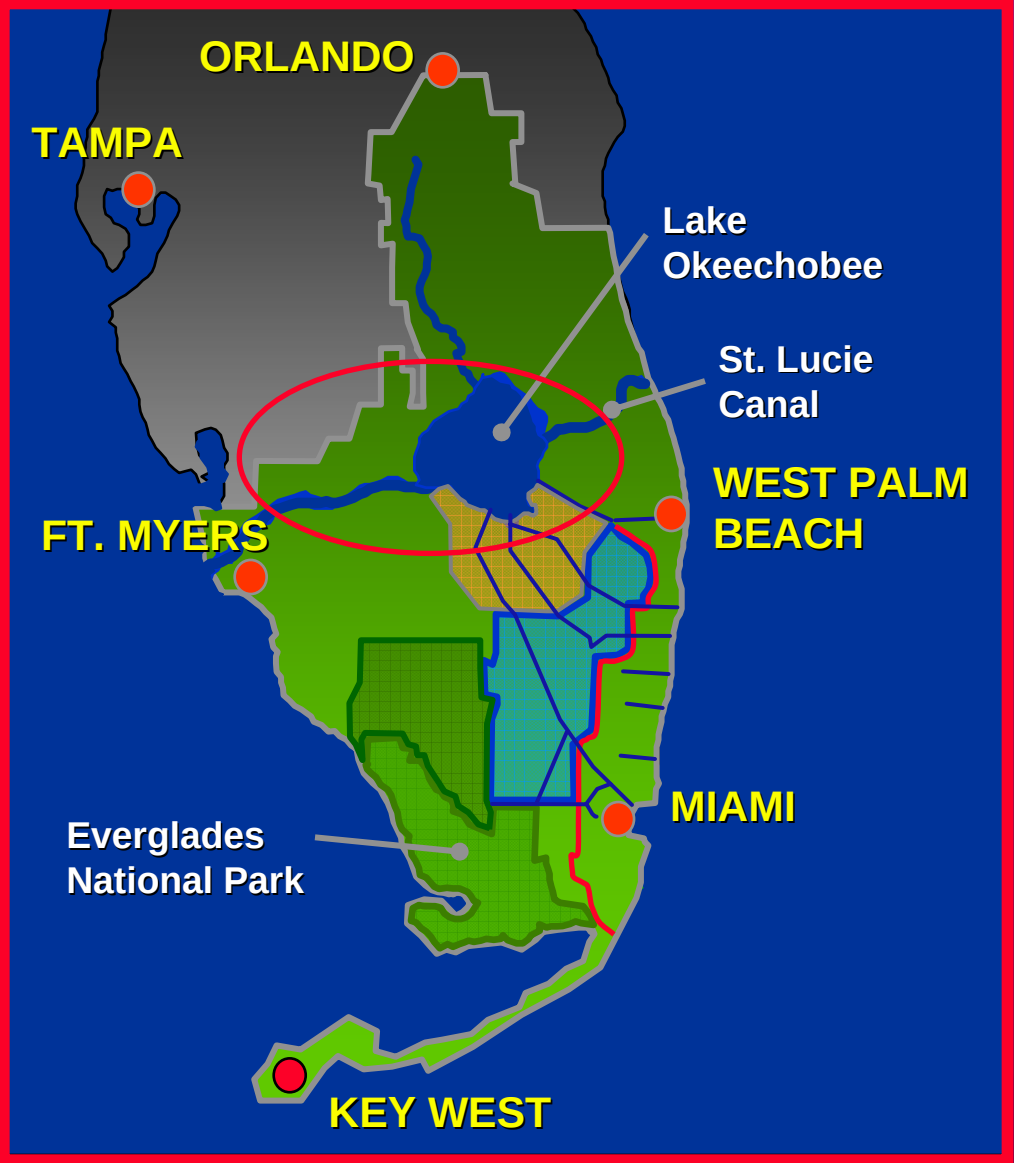


the journey to restore America's Everglades

Lake Okeechobee



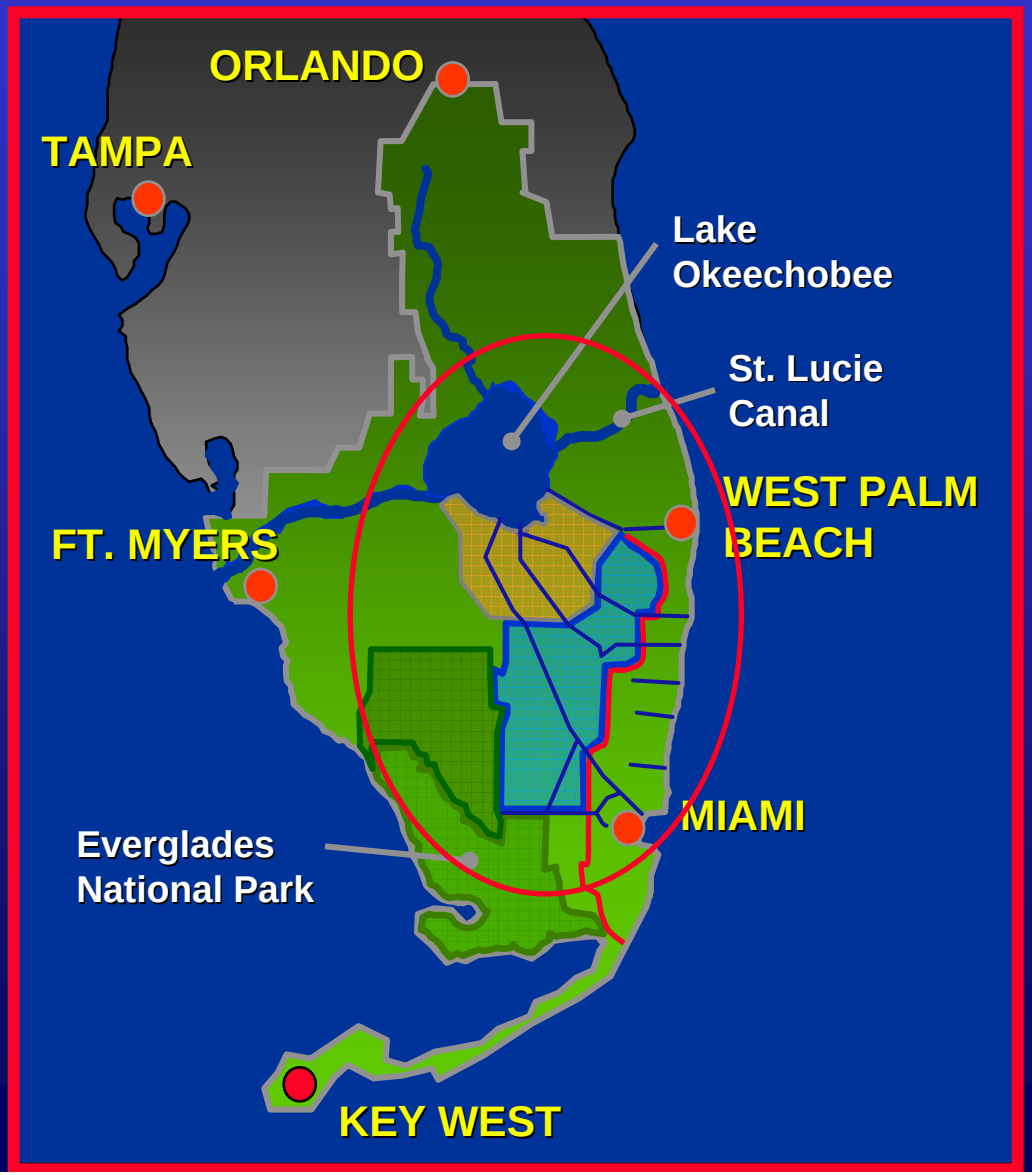
CERP

1. Lake Okeechobee Watershed - PIR underway, Alternatives Comparisons underway to id TSP. Coordinating with LOER.
2. C-43 Basin Reservoir – PIR for west Reservoir ongoing. Plan for PIR for upper basin being developed

Other Projects

1. Lake Okeechobee Regulation – Pulse releases being continued. New Regulation study ongoing with alternatives posted. Completion this December.
2. Herbert Hoover Dike – 1st Contract for rehab awarded for $16.9 million. Construction of 4.6 mile section south of Port Mayaca underway. Condition!

Aquifer Storage & Recovery

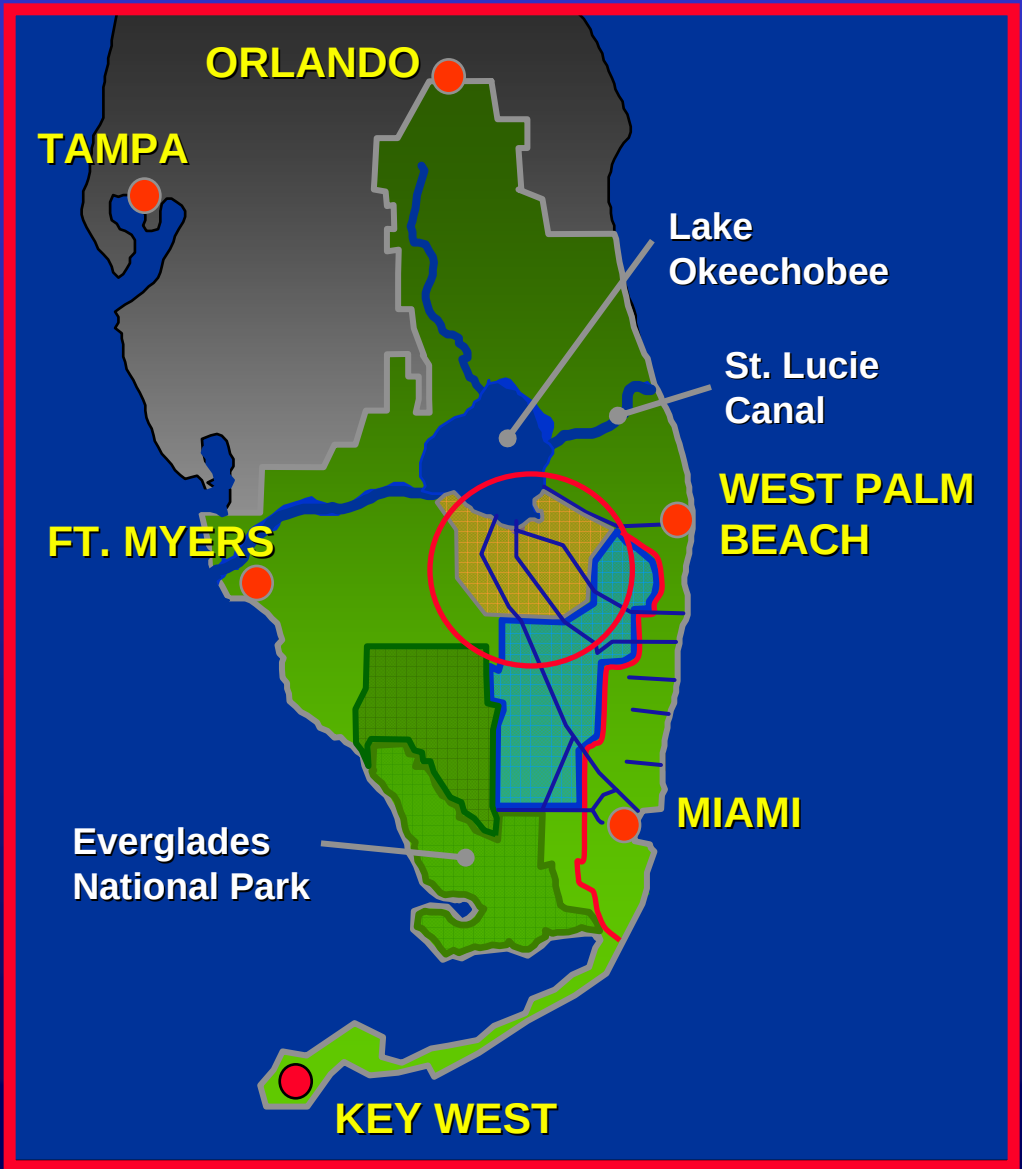


CERP

1. Lake Okeechobee, Hillsboro, C-43 ASR Pilots - Construction contract to be awarded early summer for Lake Okeechobee sites, C-43 site being modified. SFWMD constructing Hillsboro site.

2. Regional ASR Study - Study underway. Baseline data collection
3. ASR Contingency Plan – Planning effort commenced. First task is to look at optimization of CERP reservoirs around Lake.

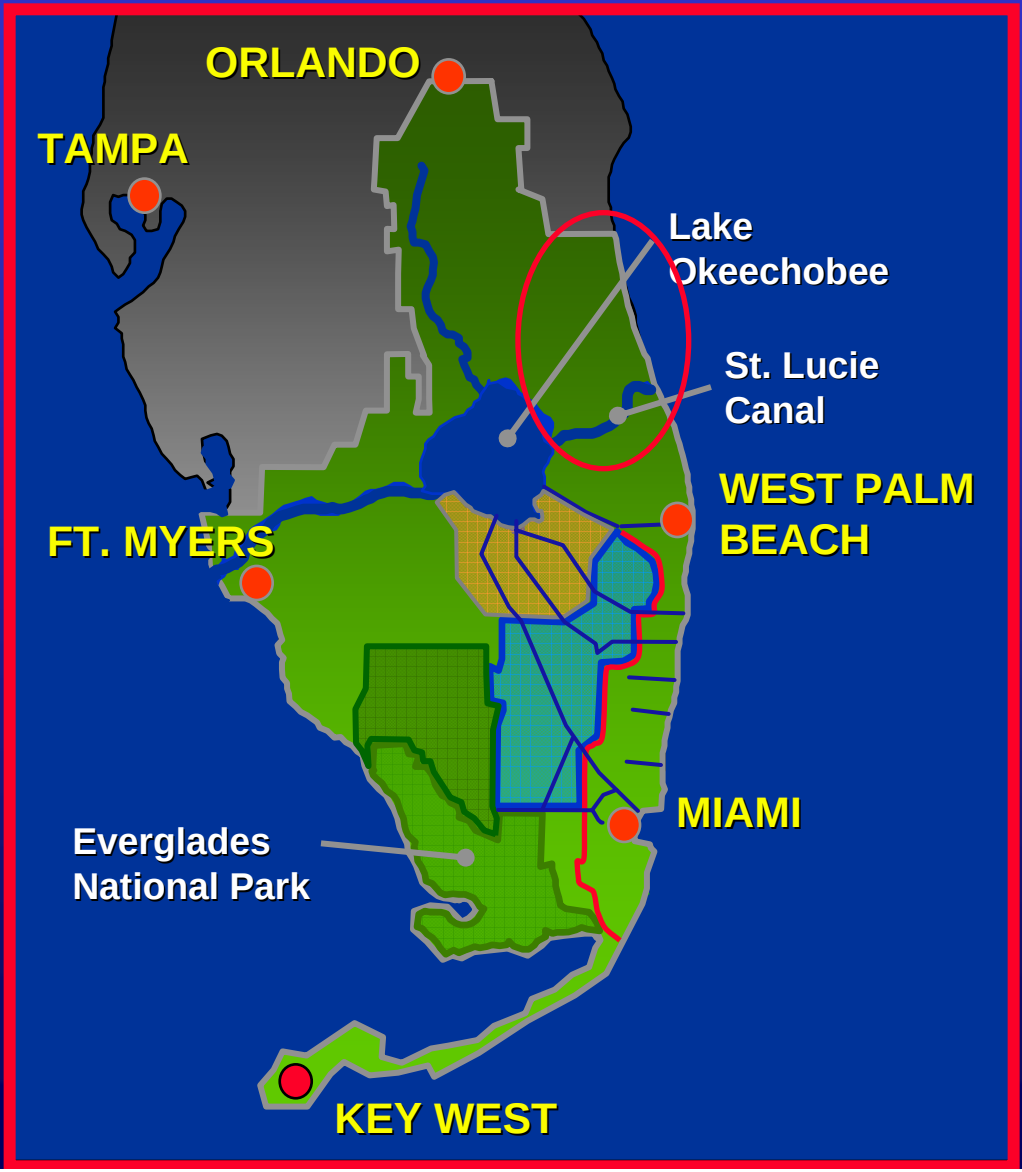
Everglades Agricultural Area



CERP

1. EAA Storage Reservoirs
   - Tentatively Selected plan includes earthen zoned levee with 12 foot pool and 360k acre-feet of storage
   - Consultation presentation tomorrow
   - Coordination with A8 program ongoing for Cell 1 by SFWMD.
   - To repost draft this summer with revised ops plan.

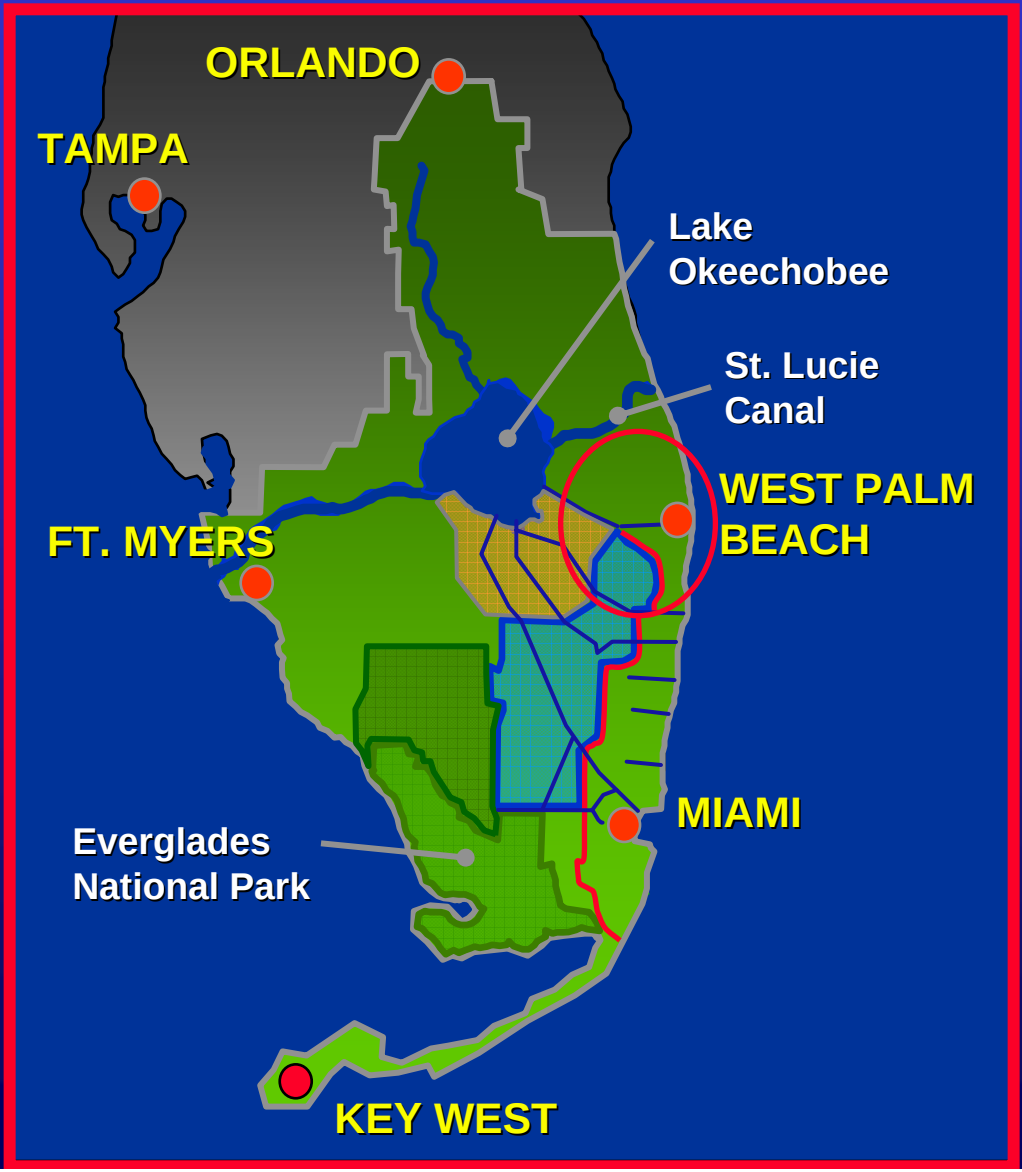
Upper East Coast



CERP

1. Indian River Lagoon
   - Report transmitted to Congress
   - Detailed design underway for project features – C-44 by SFWMD, C-23/24 reservoirs by Corps

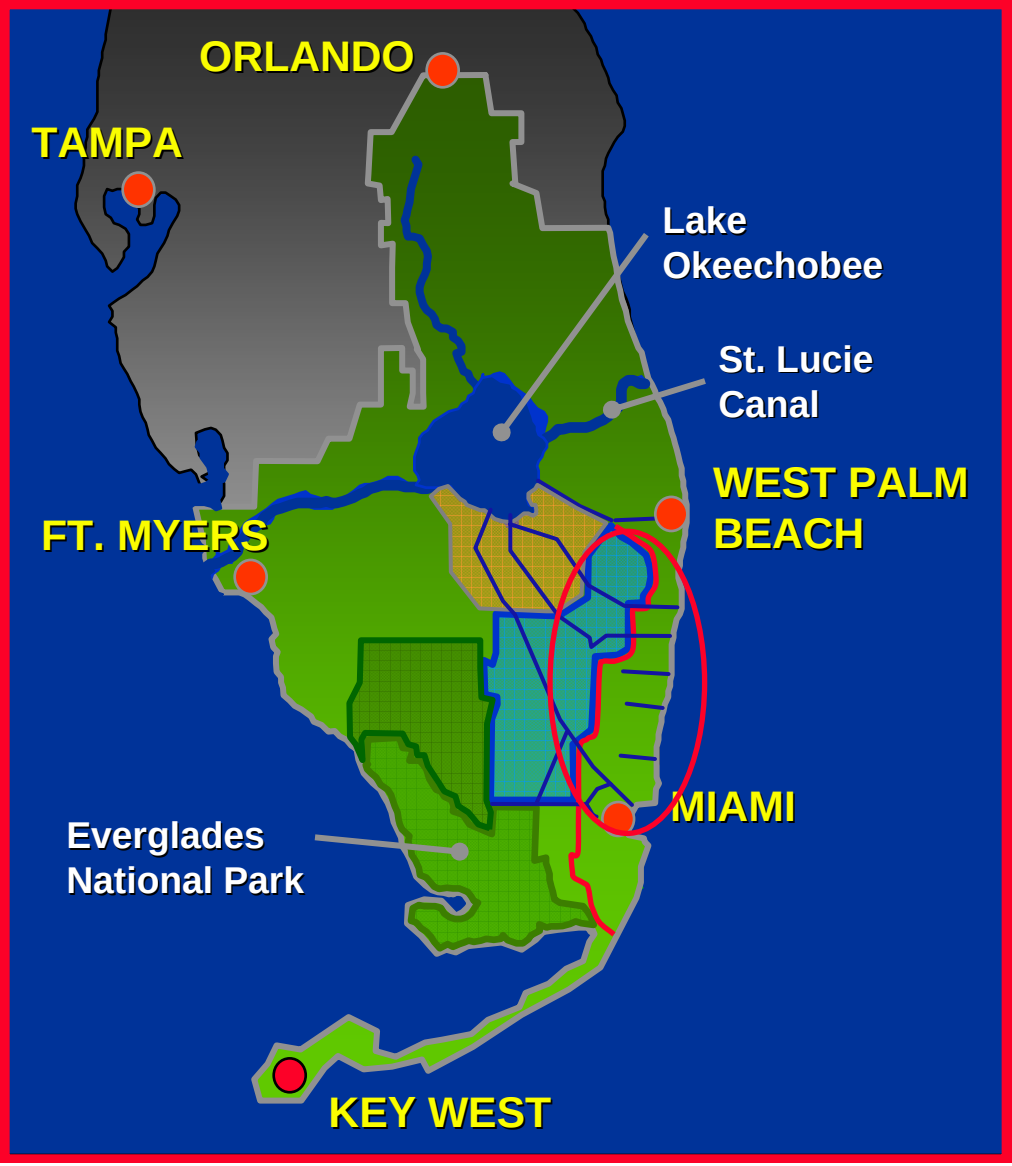
Northern Palm Beach County



CERP

1. North Palm Beach County
   - PIR Underway with TSP in Dec 2006
2. Winsberg Farms
   - PIR underway with release of draft report pending resolution of embankment design.
   - TSP involves creation of wetland area using treated wastewater to rehydrate ground water

Water Preserve Areas



CERP

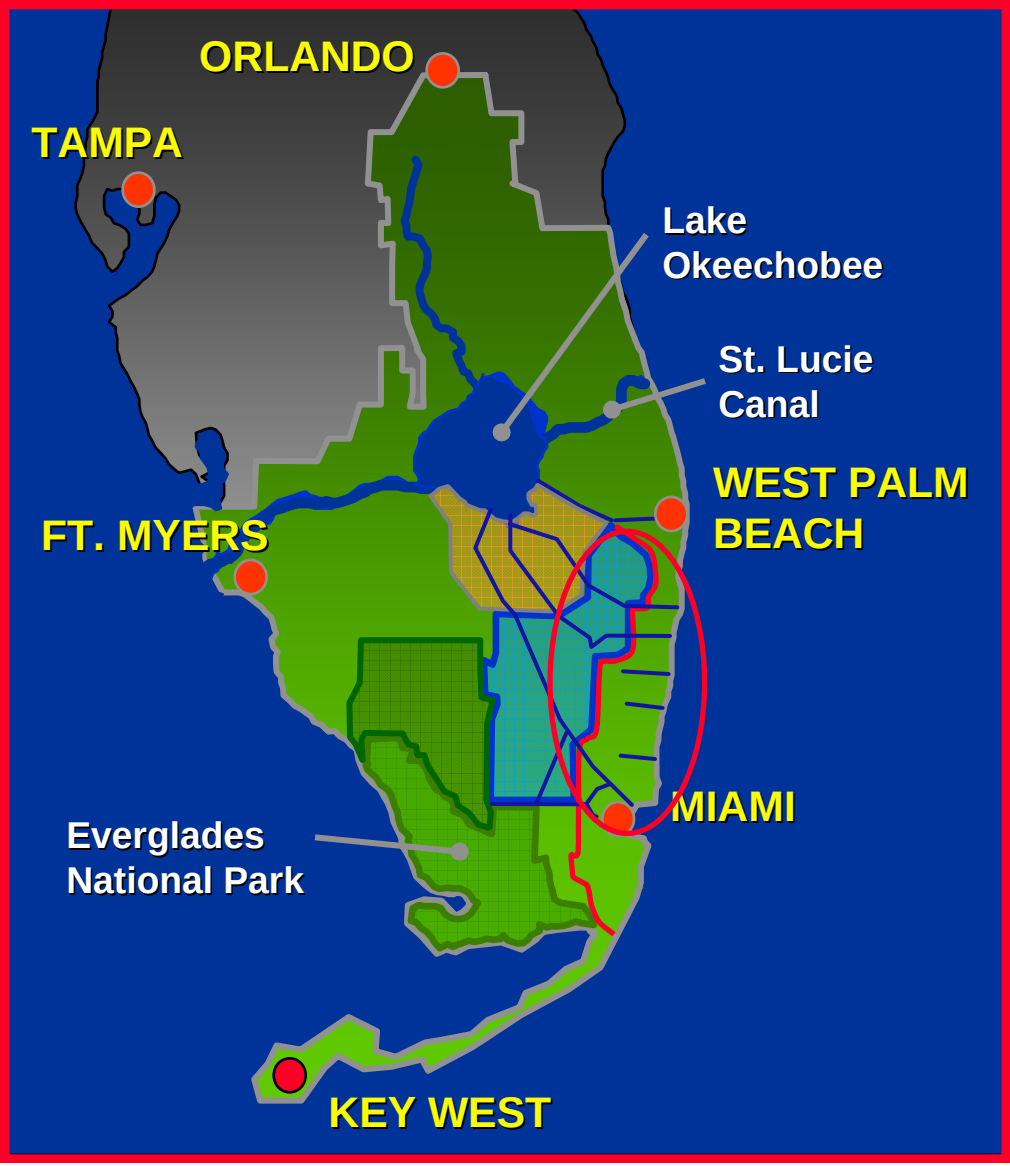
1. Acme Basin B
   - PIR Suspended
   - SFWMD proceeding with design, Corps processing permit

2. Strazzulla – PIR Suspended

3. Site 1
   - PIR draft updated to include assurances and identification of water to be reserved. Revised draft review complete. Final report being processed to Washington.

4. Broward County WPA – includes C-9, C-11, and WCA 3A/3B Seepage management
   - PIR consultation tomorrow
   - Revised Draft will be reposted this summer

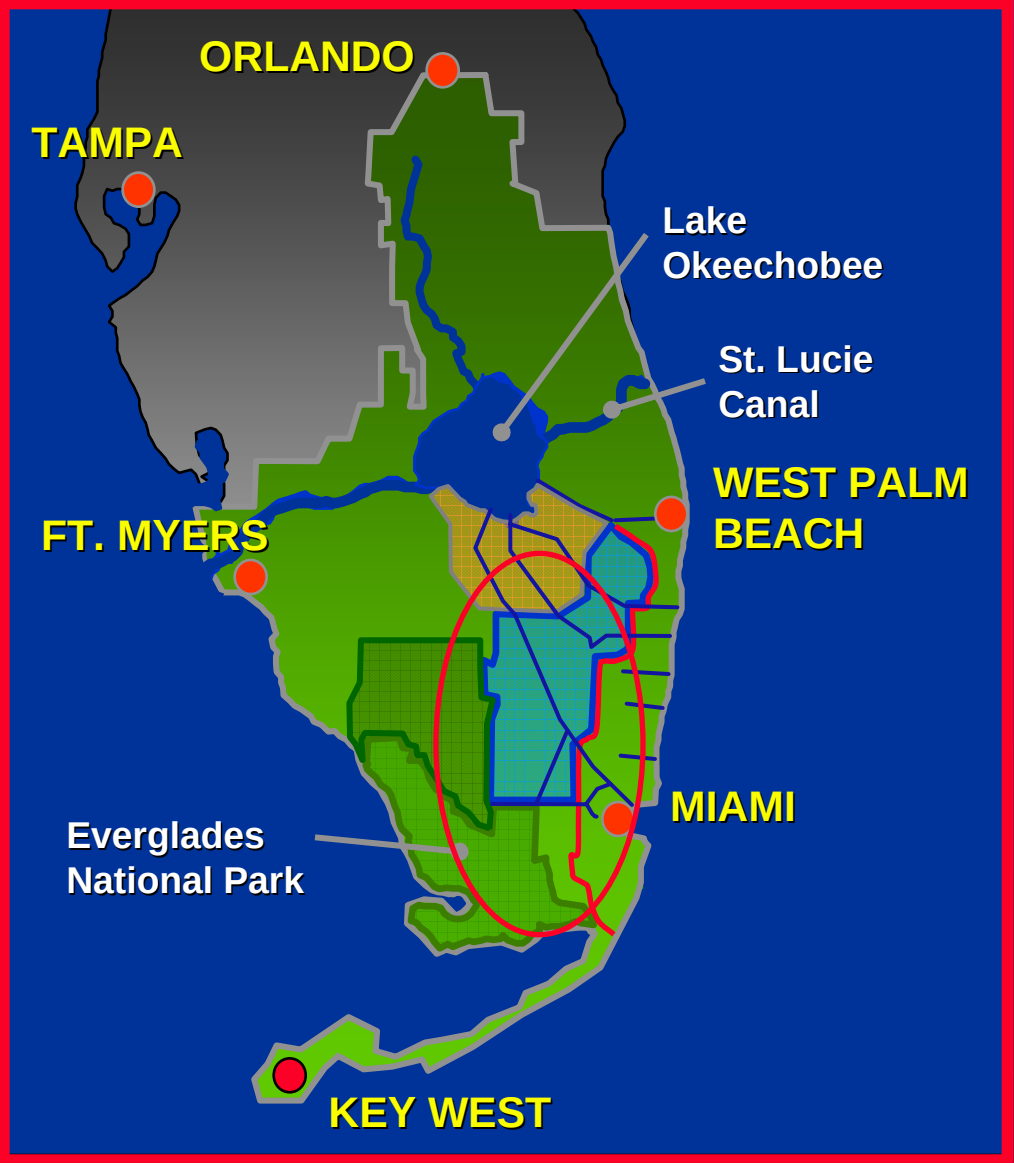
Miami-Dade County



CERP

1. Biscayne Bay Coastal Wetlands
   - PIR underway, Alternative plans being analyzed
   - Briefed at Working Group
   - Challenge is availability of water
2. ENP Seepage Management
   - PIR Underway to include Bird Drive Basin New schedule and plan developed

Everglades



CERP

1. WCA Decomp – Part 1
   - PIR underway with Plan for adaptive management approach developed

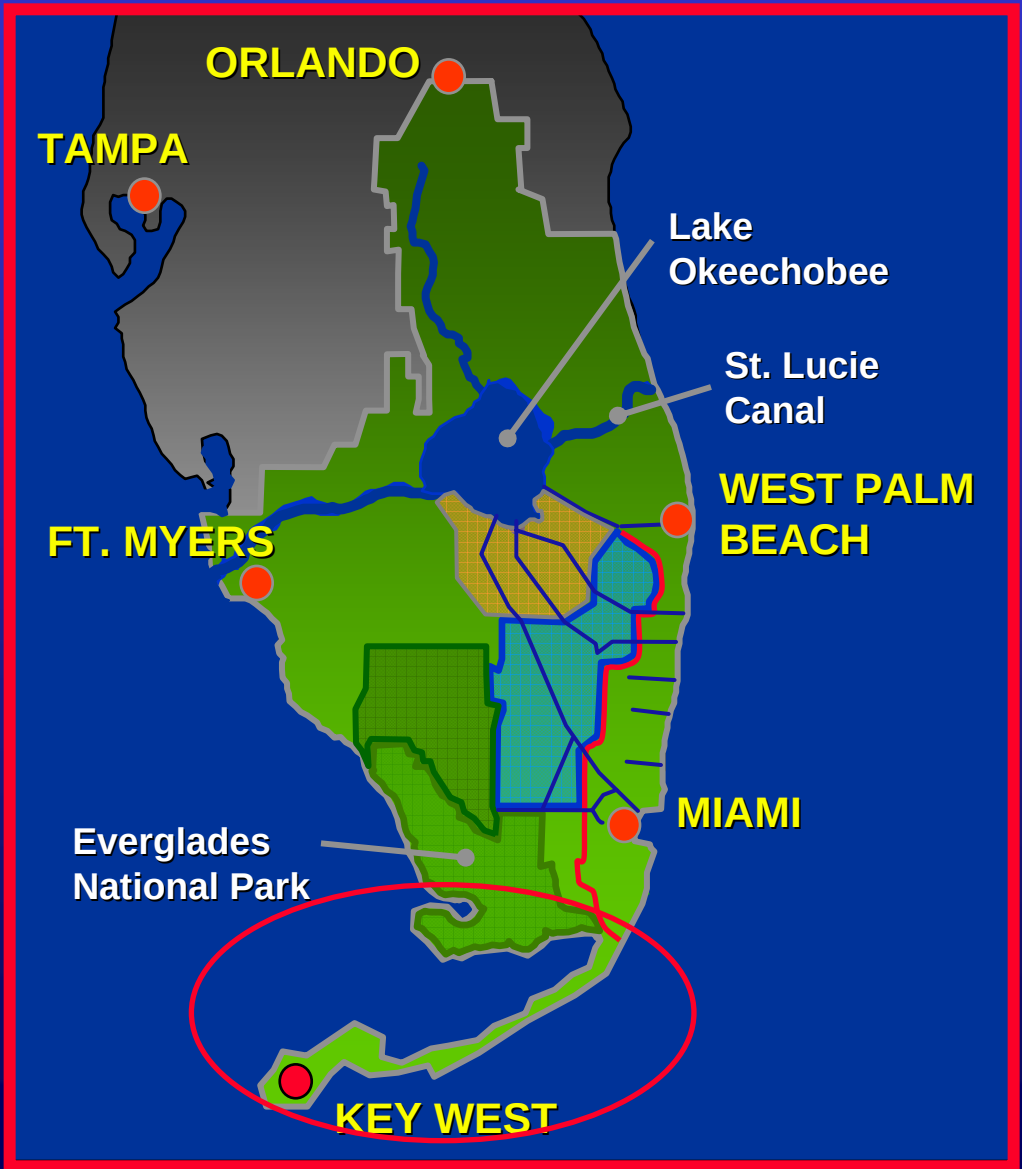
2. C-111 Spreader Canal - PIR underway, Presentation to WG on alternative plan analysis with bridge location selected.

3. L-31 Seepage Pilot – Pilot Project design report under way for L-30 location for cut-off wall

Other Projects

1. CSOP
   - Work underway in coordination with CSOP AT. Brief tomorrow. TSP identified.

Florida Bays, Florida Keys

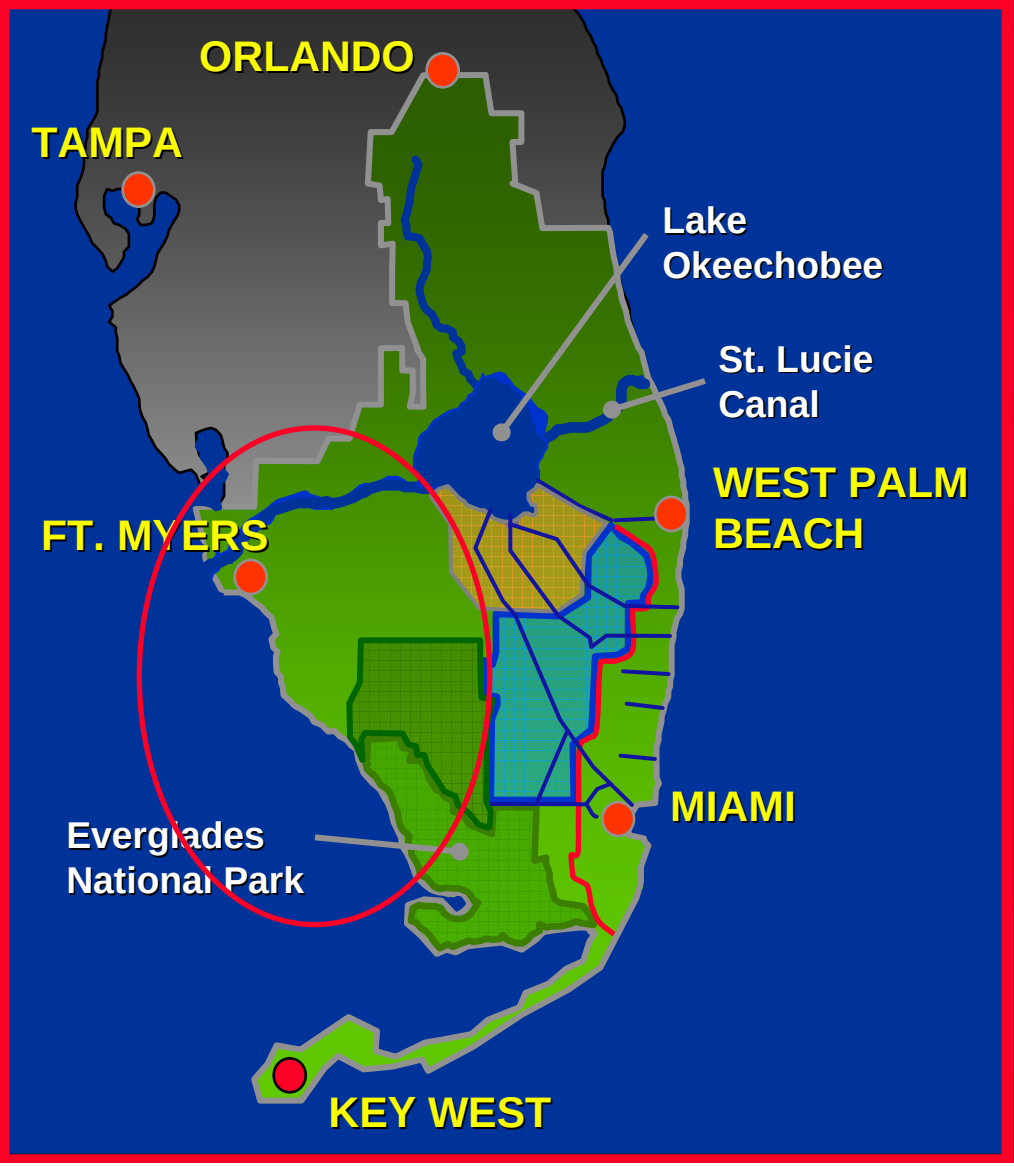


CERP

1. Florida Keys Tidal Improvement (CERP)
   - PIR restarted with focus on "pilot" type project

2. Florida Bay/Florida Keys Feasibility Study
   - Study underway, Efforts to date have focused on model development,
   - Alternative development now underway

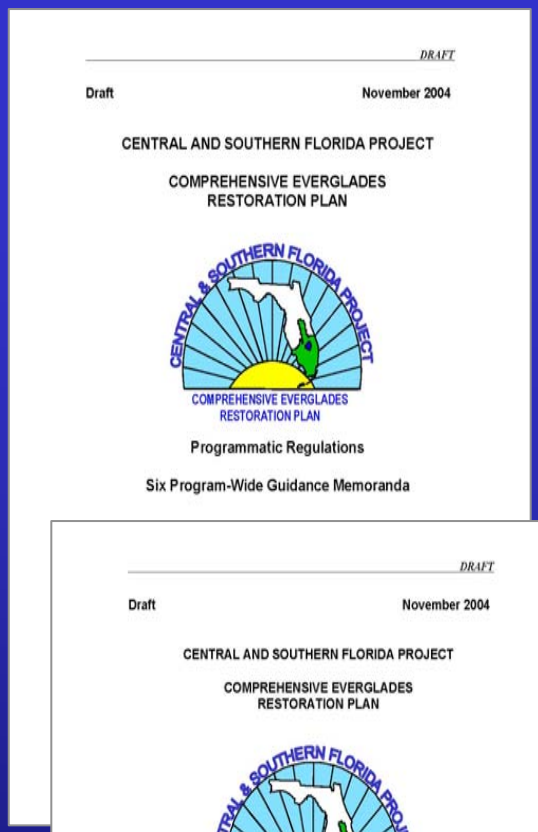
Lower West Coast



CERP

1. Southwest Florida Feas Study underway
   - Team working to define/refine alternatives
2. Lakes Park
   - PMP complete. PIR underway
4. Picayune Strand (Southern Golden Gate Estates)
   - Chief's report signed, Under review at ASA(CW)

Guidance Memoranda Current Status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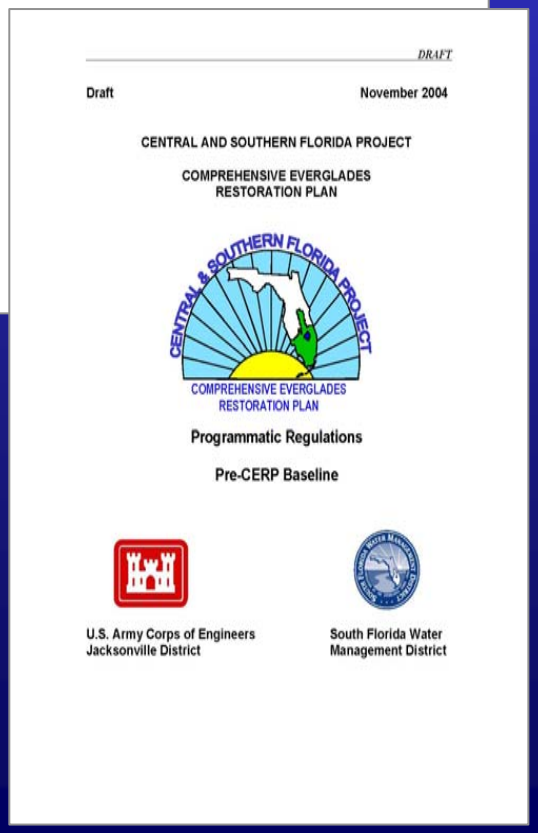
Draft November 2004

CENTRAL AND SOUTHERN FLORIDA PROJECT

COMPREHENSIVE EVERGLADES RESTORATION PLAN

Programmatic Regulations

Six Program-Wide Guidance Memoranda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Draft November 2004

CENTRAL AND SOUTHERN FLORIDA PROJECT

COMPREHENSIVE EVERGLADES RESTORATION PLAN

Programmatic Regulations

Pre-CERP Baseline

U.S. Army Corps of Engineers
Jacksonville District

South Florida Water
Management District

- GM's 1, 2, 3, 5, and 6 complete
- GM 4 on Identification of water still under going revision to simplify process. Technical team has refined process.

Interim Goals and Interim Targets

- Agreement drafted, under going revision.
- Presentation on proposal for path forward later on agenda

5 Year Report to Congress

- Final report is with ASA(CW) for coordination with OMB prior to submittal to Congress
- Report provides snapshot of accomplishments over first 5 years of CERP implementation.

Other Ongoing Efforts

- Comprehensive Water Quality Feasibility Study – Working with State DEP to finalize agreement for study.
- Initial System Operating Manual review completed, finalizing document.
- Special Report on Exotics completed. PIR type document to be prepared
- Work Continuing on refinement of Updated 2x2 for CERP
- New model development – REMER effort terminated. Focusing all efforts on RSM model but it will be late 2007/2008 before fully operational

Questions?