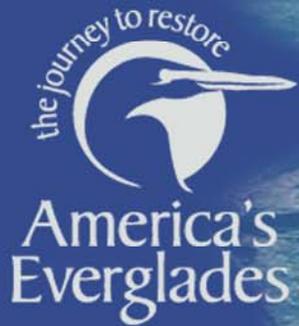
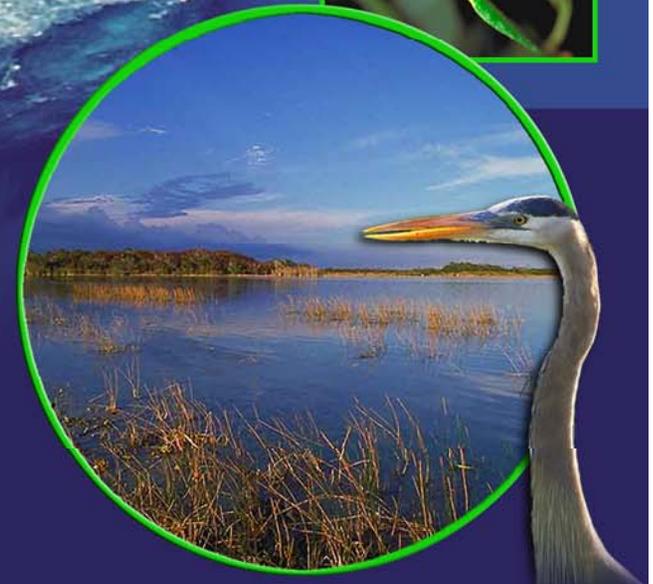


# Working Group April 20, 2005

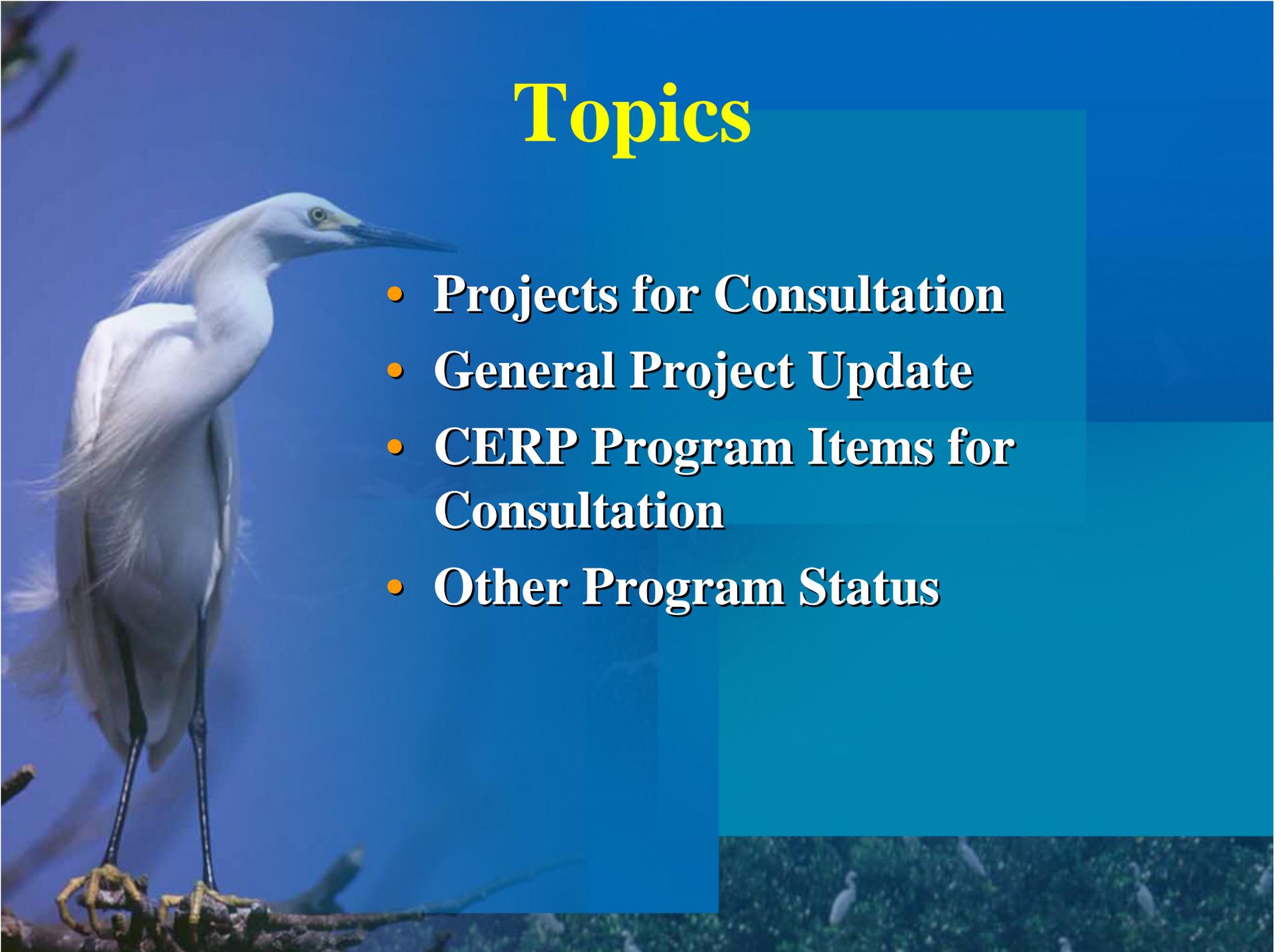


## the **Restoration** of America's Everglades & the South Florida Ecosystem



# Topics

- **Projects for Consultation**
- **General Project Update**
- **CERP Program Items for Consultation**
- **Other Program Status**



# Scoping Consultation

Project is in initial stage of Development

## **Includes:**

Description of Restudy plan

Goals and Objectives of Restudy plan

Existing and future conditions

Plan Formulation considerations/concerns

## **Seeking:**

Input on special concerns and considerations for project area and system needs as related to restoration goals and objectives

# **Alternative Formulation Consultation**

**Project is undergoing alternative plan development**

## **Includes:**

**Description of Restudy plan**

**Main plan formulation considerations**

**Description of Alternative plans formulated to date**

## **Seeking:**

**Input on alternative plans considered, potential new alternatives, and benefits and impacts of those plans.**

# **Draft Report Consultation**

**Project is in final stages of Development,  
Tentatively Selected Plan (TSP) has been  
identified**

## **Includes:**

**Description and Comparison of detailed  
alternative plans**

**Description of TSP**

## **Seeking:**

**Input on findings to date and TSP**

# **Projects for Consultation**

## **Scoping**

- 1. North Palm Beach**
- 2. C-43**
- 3. C-111 Spreader Canal**
- 4. Acme Basin B**

## **Alternative Formulation**

- 1. EAA**
- 2. Water Preserve Areas**
- 3. Biscayne Bay Coastal Wetlands**
- 4. Winsberg Farms**

## **Draft Report**

- 1. Site 1**



# General Project Update

## South Florida Ecosystem Restoration

### Current Program



# Modified Water Deliveries to Everglades National Park



## Completed:

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

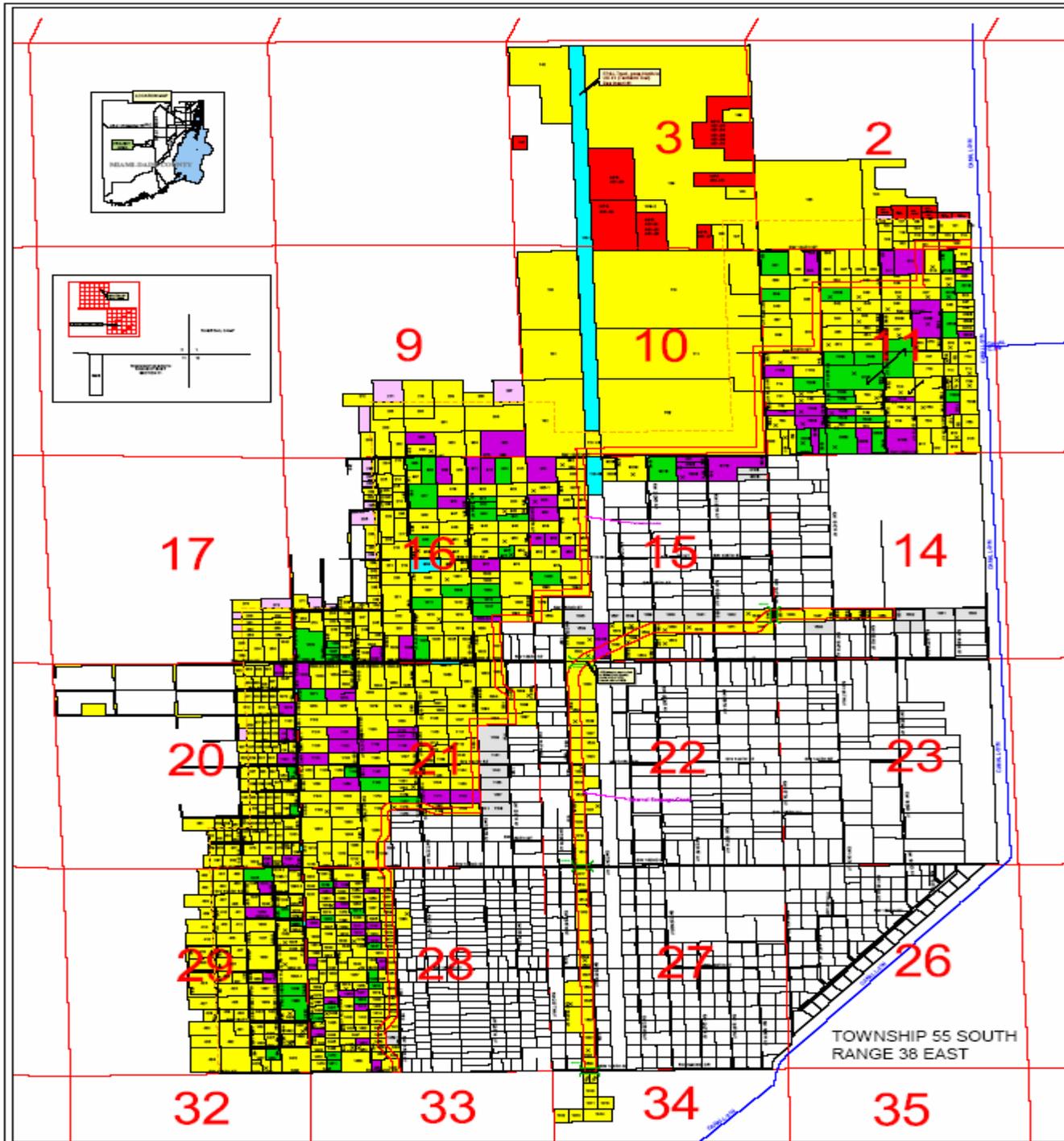
## Ongoing:

- RE Acquisition in 8.5 SMA
- 843 tracts needed
- 506 tracts acquired
- Demo underway
- ENP assisting in acquiring 216 vacant tracts

- Revision of Tamiami Trail GRR

## Upcoming:

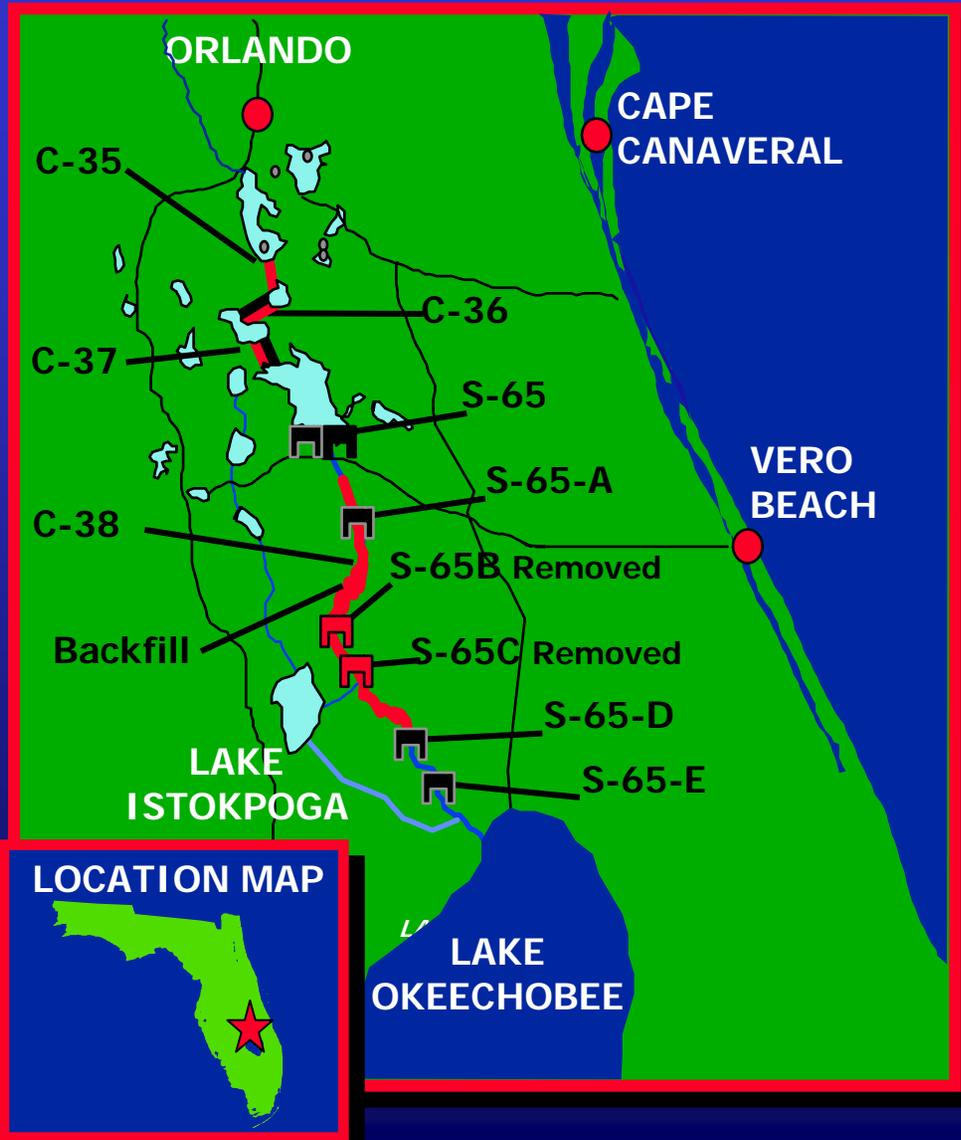
- FY 06 Funding
- Construction of 8.5 SMA Levee, Canal and PS



- - Acquired
- - No offer
- - Offer sent
- - in closing
- - NPS owned
- - Not needed

## 8.5 SMA Real Estate Acquisition Status

# Kissimmee River Restoration



## Completed:

- S-65 & S-65A Modifications
- Portions of Upper canal C-37 Widening
- US 98 Modifications
- Reach 1 Backfill for 7 miles
- S-65B Removal

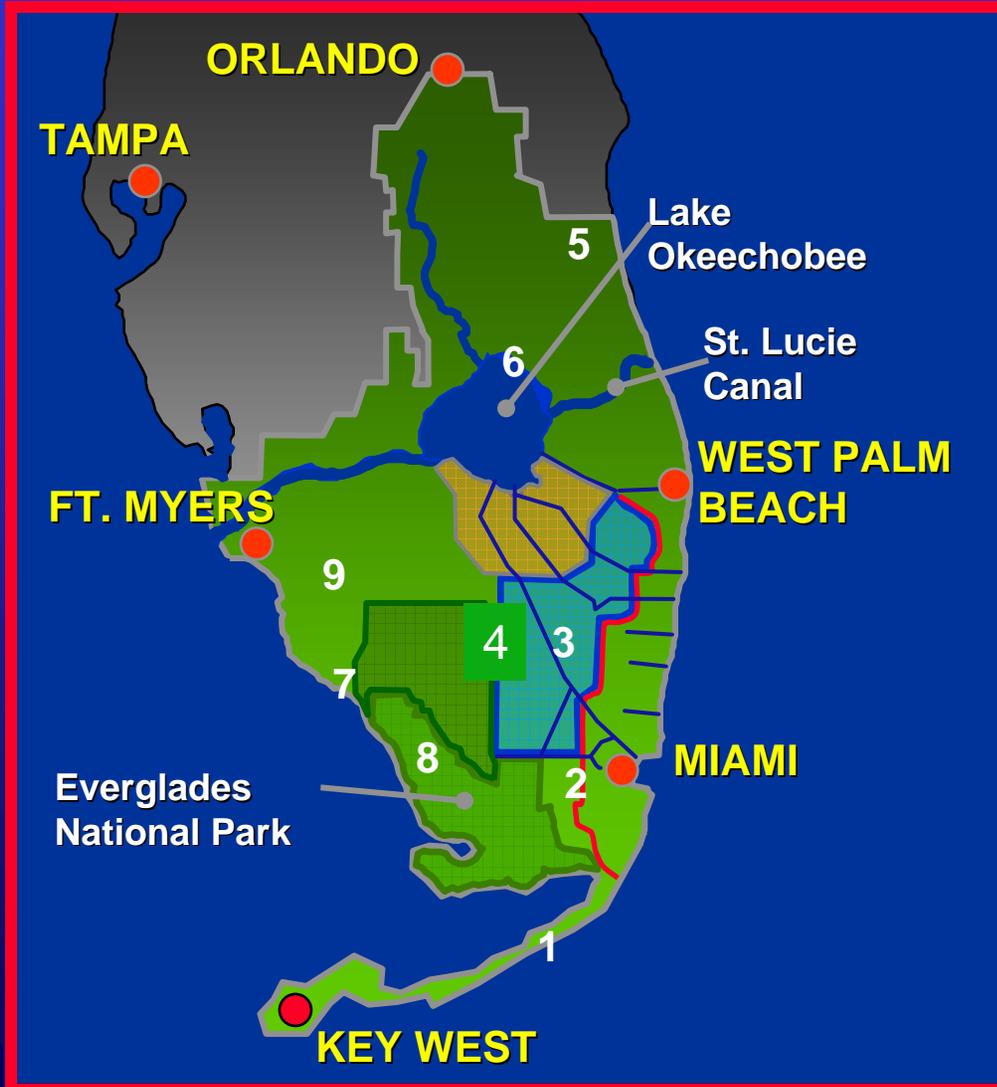
## Ongoing:

- Flood proofing work in Upper and Lower Basin
- Real Estate Acquisition to complete in Dec 05
- S-65D mod and S-83 & 84 Structures

## Upcoming:

- Construction of next backfill contract this fall
- Construction of Railroad Bridge modification
- Istokpoga canal work

# Critical Ecosystem Restoration Projects



## Completed:

- Keys Carrying Capacity Study
- C-4 Structure
- S-9a Pump Station & S-381 (C-11)
- Phase 1 of Seminole Big Cypress

## Ongoing:

- Construction of 10 Mile CK
- Construction of Lake Okeechobee Taylor Creek and Nubbin Slough STA's

## Upcoming:

- Construction of Phase 2 Big Cypress – Award April

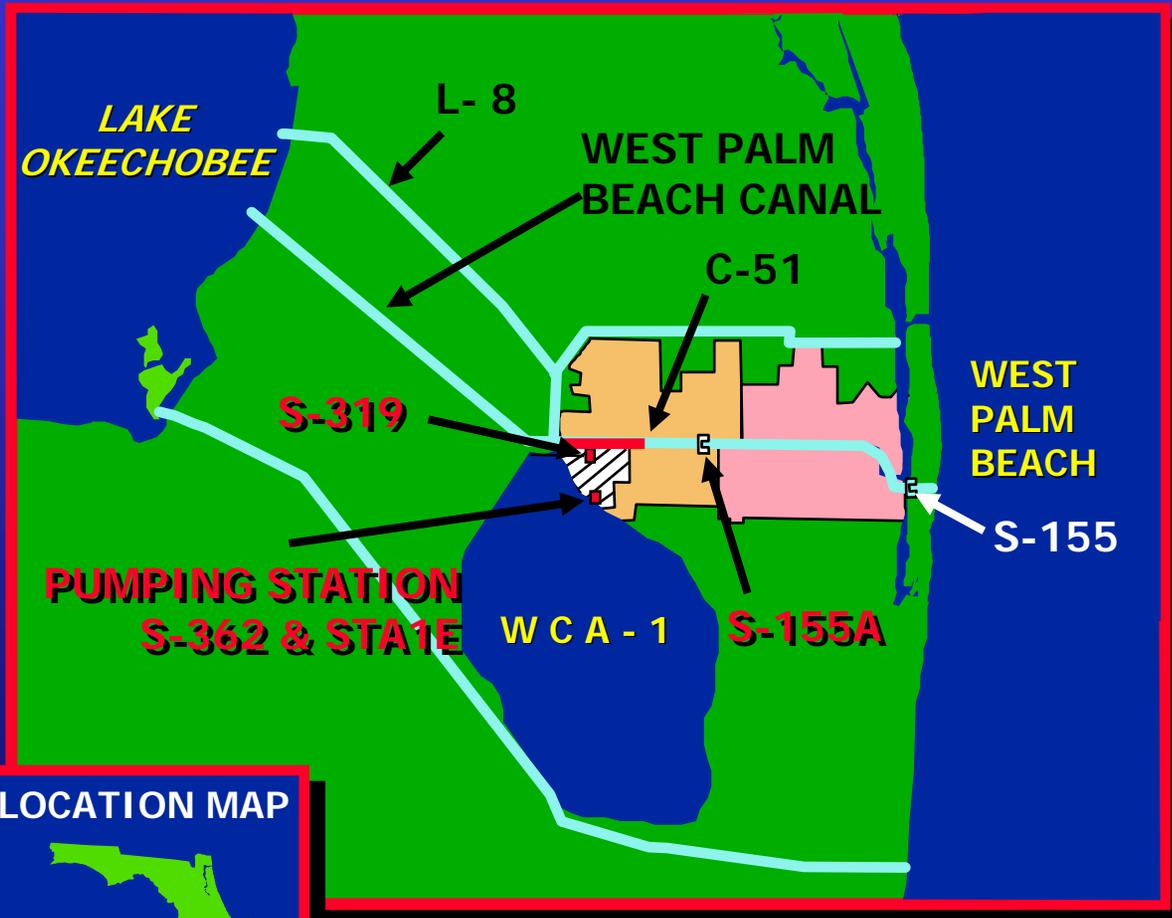
## Deferred: Have reached program funding cap

- Southern Crew
- Tamiami Trail Culverts
- Lake Trafford

An aerial photograph showing a large-scale construction project for a wastewater treatment plant. The site is characterized by several large, interconnected basins and channels, many of which are lined with dark grey or black geomembrane. A network of white gravel roads and paths crisscrosses the site, providing access to various construction areas. In the lower-left corner, a section of a natural creek with dark water is visible, featuring a small concrete bridge. The surrounding landscape is a mix of green grass, shrubs, and trees. The sky is clear and blue. The text 'Taylor Creek STA' is overlaid in a yellow, cursive font in the center of the image.

*Taylor Creek STA*

CENTRAL AND SOUTHERN FLORIDA PROJECT  
**West Palm Beach Canal (C-51) /  
STA 1E**



**Completed:**

- S-155A Structure
- S-319 Pump Station
- S-362 Pump Station
- STA levees and internal structures

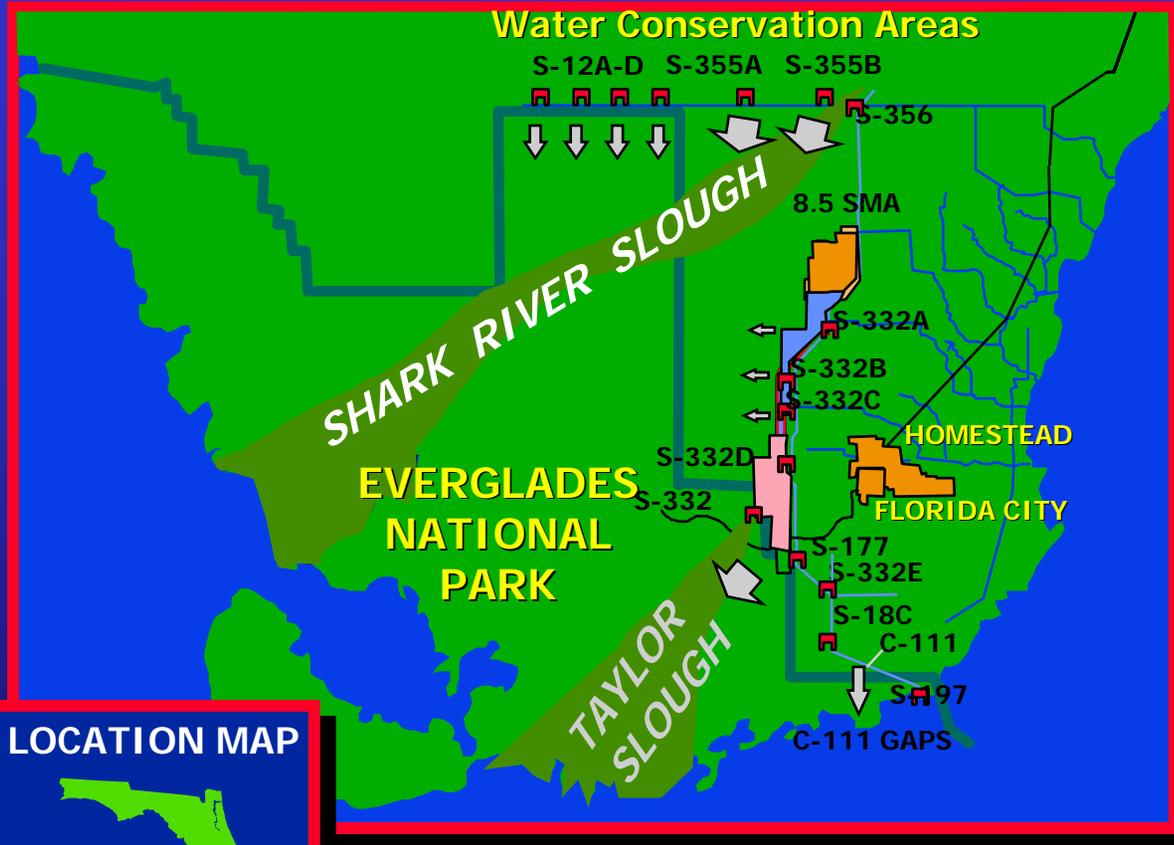
**Ongoing:**

- C-51 Canal Widening
- Hurricane Repairs
- Levee Topping
- Punch List
- PSTA Test Facility
- Water Control Plan

**Upcoming:**

- Start-up of STA operations
- Construction of L-40 Canal Mods
- Construction of PSTA Field Test

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



## Completed:

- Pump Station S-332D
- Interim S-332 B&C Pump Stations
- Initial Phase of Frog Pond Detention Area
- S-332B & C Detention Basins

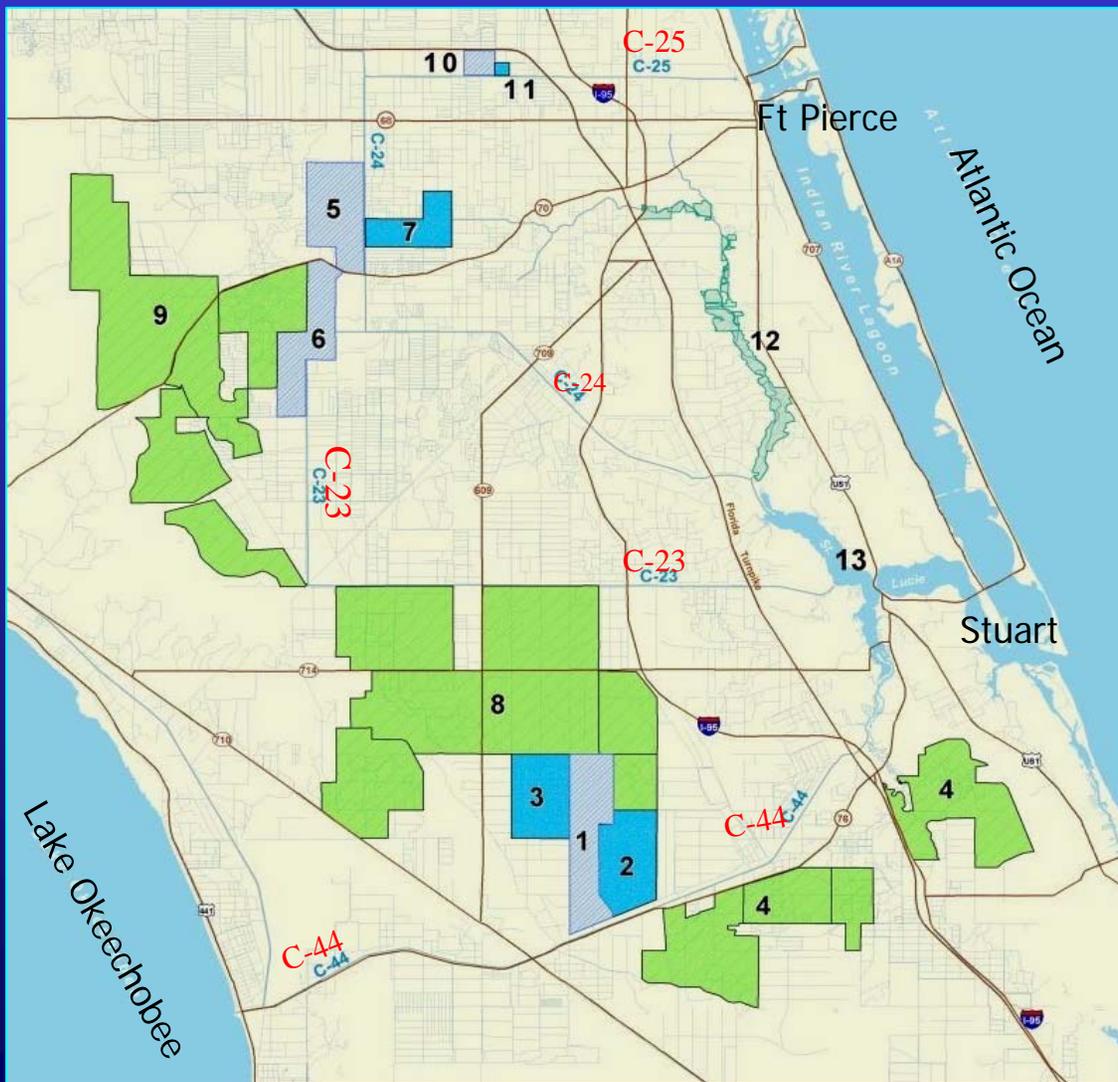
## Ongoing:

- Design of remaining and permanent Features
- Completion of C-111 GRR

## Upcoming:

- ENP/SFWMD Land Swap
- Construction of S-331 Command Bldg
- Construction of Detention Basins
- Construction of permanent Pump Station

# Indian River Lagoon – South Restoration Plan



## Completed:

- PIR in March 2004
- Chief of Engineer's Report in August 04

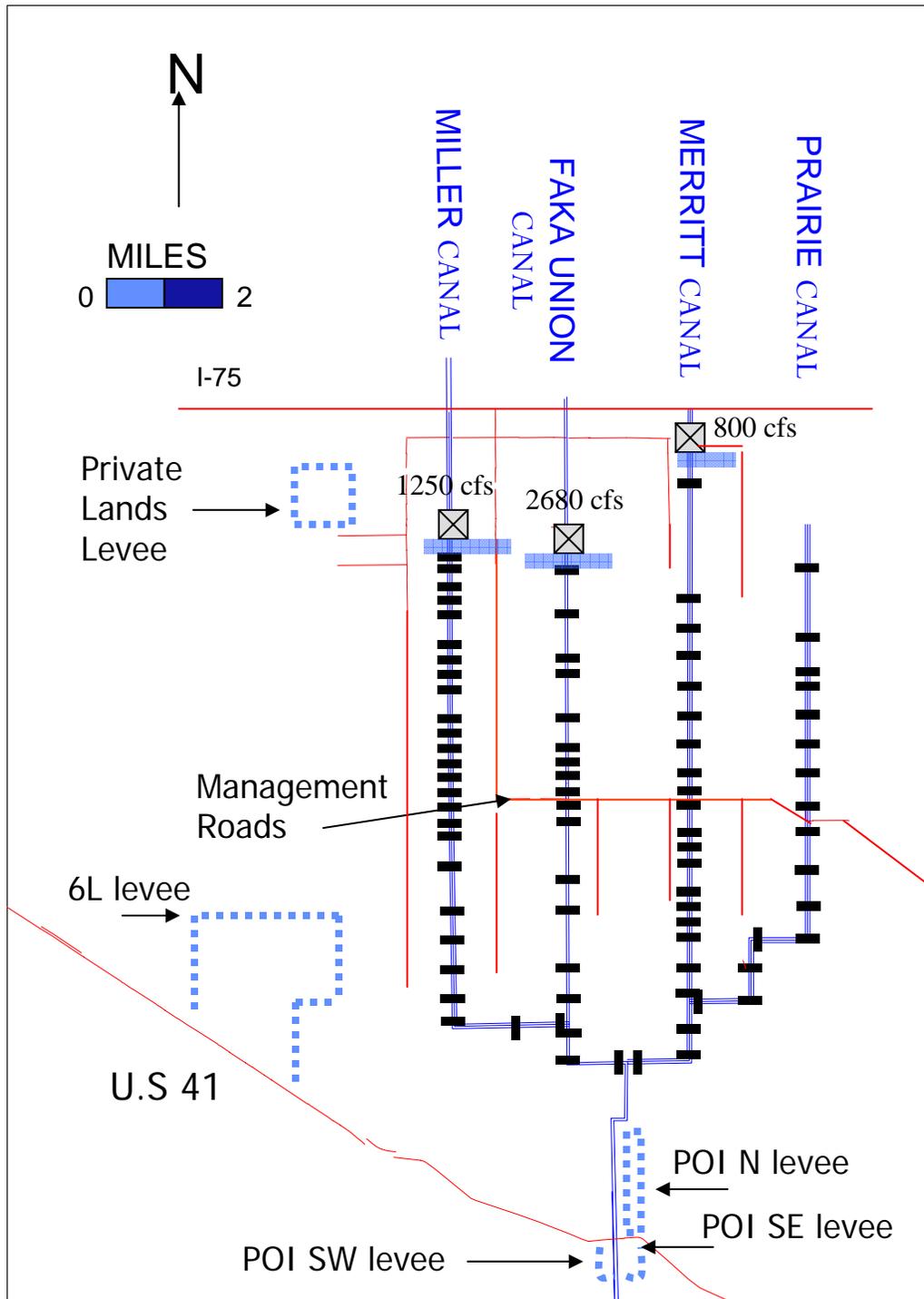
## Ongoing:

- ASA(CW) and Administration Review prior to transmittal to Congress
- Design of C-44 Reservoir
- Land acquisition

## Upcoming:

- Design of C-23/24 Reservoir/STA's

# Picayune Strand Restoration



**Plan:** 3 Pump Stations with spreaders, 83 canal plugs, 227 miles of road removal, 3 main flood protection levees

## Completed:

- PIR in Sept 2004
- State and Agency Coordination
- Construction of Prairie canal plugs by SFWMD

## Ongoing:

- Preparation of Chief's Report
- Land acquisition
- Design of recommended features
- Cultural Resource Survey

Picayune Strand

# Other Efforts

- Decomp – PDT is working to identify pilot efforts to assist in developing long term plan for Decomp
- CSOP – PDT has developed and posted output and analysis of Alternatives 1-3. Now working on finalizing Alternative 4. The last major alternative, Alternative 5, will follow in May.
- Seepage Management – PDT working on revised plan to examine moving pilot project location until to triangle area along L-30 just north of Tamiami Trail. PIR for CERP component to be initiated in October

# Comprehensive Integrated Water Quality Feasibility Study

Project Managers  
FDEP – Greg Knecht  
USACE – Richard Dasher

# CIWQFS – Steps to identify Water Quality Needs and Solutions

- Phase 1 - Perform an initial evaluation of current conditions and the Comprehensive Plan's water quality effects on ecosystem restoration
- Phase 2 – Develop alternative plans to address any needed water quality improvements for restoration purposes
- Phase 3 – Prepare final plan (Feasibility Report) for recommendation to Congress of modifications needed to address water quality problems that adversely affect restoration

# CIWQFS – Phase 1 Work Plan

## Identify Key Problem Areas

- Use existing information being compiled by DEP and others to assess current conditions throughout the C&SF/CERP project area
- Use simplistic, conceptual models, and the interim goals and targets developed by RECOVER as a basis for analysis;
- Identify key problem areas based on conceptual models which are area based.

# CIWQFS – Phase 1 Work Plan (Cont'd)

## Develop Plan for Further Action

- Determine effect of current and future BMP's and other actions on identified water quality problems
- Determine current CERP component effect on those problem areas and identify any shortfalls in achieving restoration
- Determine if further study/action is needed
- Develop plan for that action.

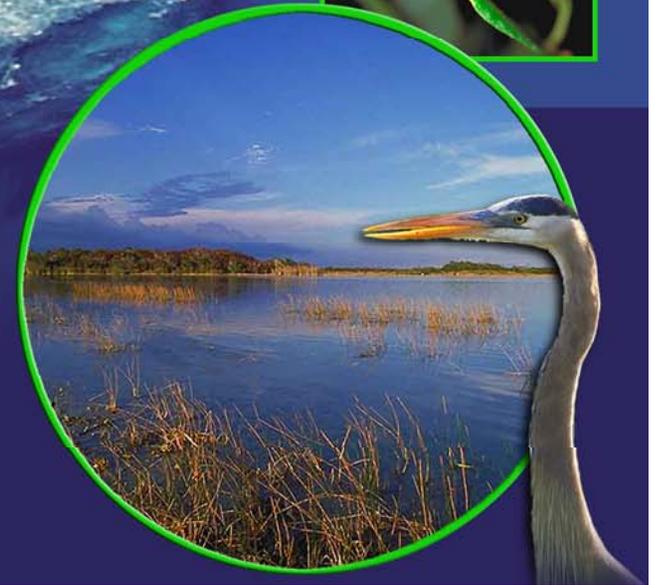
# Phase 1 - Feasibility Study Schedule

- Project Initiation Jan. '05
- Review RECOVER's Interim Goals/Targets Mar. '05
- Determine Evaluation Method May. '05
- Gather Data and Other Evaluation Input Jul. '05
- Perform Data Evaluation Dec. '05
- Complete Summary Report/Review Aug. '06
- Phase 2 TBD
- Phase 3 TBD
- Costs TBD for each phase

the journey to restore  
America's  
Everglades



# Status of CERP Programmatic Activities



# **Independent Scientific Review Panel**

- **New Panel to Review Plan's progress towards achieving natural system restoration goals and produce biennial report to Congress**
- **Interagency agreement and cooperative agreement executed in June**
- **NAS appointed 14 members to serve on Independent Scientific Review of Everglades Restoration Progress (CISRERP)**
- **First meeting of panel held on October 25-26 in Jacksonville focused on getting organized and defining scope and areas of concern**
- **Second Meeting held on 3-4 Feb in Ft Lauderdale at Sheraton, focus on modeling**
- **3<sup>rd</sup> Meeting to be held 24-25 April in Miami with focus on southern end of system**

# Master Implementation Sequencing Plan (MISP)

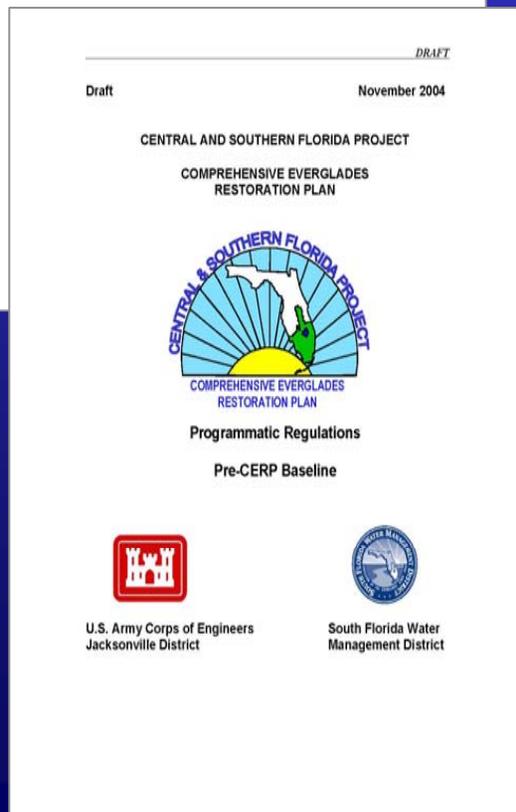
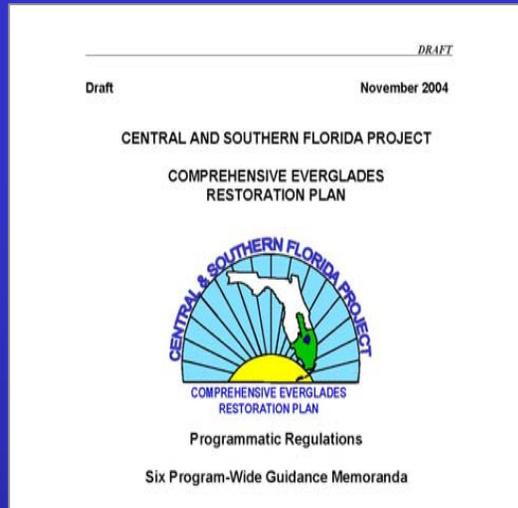
Final Draft Posted to internet on 31 March

- Includes modifications that resulted from some of the comments received, most notably:
  - Better definition of remaining parts of an Acceler8 project that are to be constructed by Corps
  - Refinement in the Indian River Lagoon land acquisition schedule to reflect staged acquisition
  - Final Draft posted, but will require revisions as projects move forward and funding becomes available



# Guidance Memoranda

## Current Status



- Draft documents posted on web site on November 23
- Comment period closed on January 10. Comments posted on web site
- Task Force consultations - December 1 and January 13
- Consultation meeting held with Seminole Tribe December 14
- Consultation meeting with Miccosukee Tribe held on February 17
- Comments posted on web

# Next Steps...

- Complete revisions to Guidance Memoranda and Pre-CERP Baseline documents
- Conduct final approval process in accordance with programmatic regulations
  - Notice of availability in Federal Register - April
  - Public comment opportunity
  - Concurrence of Secretary of the Interior and Governor

# Interim Goals and Interim Targets

- RECOVER document on interim goals/interim targets recommendations completed
- Document is under review by SFWMD, Corps and DOI
- Agreement being drafted.
- Draft Agreement to be posted in April for review and comment
- This will lead to execution of Agreement

# 5 Year Report to Congress

- Beginning on October 1, 2005, and periodically not less often than every 5 years, WRDA 2000 required a joint report to Congress from the Secretaries of the Army and Interior in consultation with the EPA, Department of Commerce, and the State of Florida, on the status of the implementation of the Plan.
- This report is to include accomplishments over the previous reporting period and the expected work to be accomplished over the next 5 year period.

# 5 Year Report to Congress (Cont'd)

- Report shall include
  - Determination concerning the benefits to the natural system and the human environment and whether the completed projects of the Plan are being operated in a manner consistent with the requirements of the Assurances requirements of WRDA.
  - The progress made toward interim goals
  - A review of activities performed by the Secretary as they relate to socially and economically disadvantaged individuals and those with limited English proficiency.

# **5 Year Report to Congress Schedule**

- Currently, a team from DOI, SFWMD, and Corps are compiling report and all the data required.
- Internal review of draft report underway.
- Draft report is to be posted in May for comment.
- Schedule is to complete report and submit to Congress by 1 October 2005

**Questions?**

