CANAL 111 (C-111)
SOUTH DADE COUNTY, FLORIDA

Technical Oversight Committee Briefing
March 2010
Presentation Purpose

- Project area
- Project authorization and recommended plan
- Construction status
- Operations
Project Area
Authorization

- 1994 General Reevaluation Report
- Water Resources Development Act of 1996

Recommended plan features were:
- Improve the Taylor Slough Bridge crossing
- 4 - 300 cfs pump stations
- Retention/Detention Area
- Spreader Canal and 50 cfs pump station
- Plugs in the C-109 and C-110
- C-111 spoil mound removal
C-111 South Dade Project
1994 General Reevaluation Report (GRR) Plan

Map Date: January 14, 2010
Map Author: Laura Biddison, GIS Map Technician
Map Location: cern/join/Projects/SFProjects/GIS/C111_SD/111_SGRR/111_SGRR_plan.jpg

Legend
C-111 South Dade GRR Recommended Features

Structures
- Pump Station
- Plug

Feature Areas
- Retention/Detention Zone
- Buffer Zone

Build Out Features
- Proposed Levee
- Proposed Backfill Canal
- Proposed Canal
- Taylor Slough Bridge
- C-111 Spoil Mound Removal

Local Features
- SFWMO Structures
- Transportation
- Culvert
- Lock
- Pump
- Spillway

Everglades National Park

Legend

Everglades National Park

Area of Interest

Miami-Dade County

Miami-Dade
County

Biscayne
Bay

Atlantic
Ocean

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Construction Status

- Twelve contracts scheduled to construct the project
  - 7 of 12 contracts completed
- C-109 plugs completed in 19 by FDOT in 1994
- Pump Station (PS) 332D completed in 1997
- C-111 spoil mound removal conducted in 1997
- Taylor Slough Bridge completed in 1999
- Interim PS-332B and part of the retention/detention area constructed in 2000
- Interim PS-332C and part of the retention/detention area constructed in 2002
- S-331 Command and Control Center constructed in 2009
- Full retention/detention area completed in 2009
Operations

- The full retention/detention area is on-line and can be fed by PS 332B and 332C
- Contract 7 included S-332DX1, which can be used to allow water flow between the S-332D high head cell and retention/detention zone
- System currently operated under the Interim Operational Plan
- Operations under review as part of the ERTP effort