

Biscayne Bay Coastal Wetlands Federal CERP Project, and SFWMD Expedited Construction, Update

South Miami-Dade
Issues Coordination Meeting
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Presentation Overview

- Overall Project Objectives
- Overall Project Constraints
- Alternative O Summary
- Alternative O - Phase I Project Features
- SFWMD Expedited Construction Update
- Federal CERP Project - History and Status
- Federal CERP Project Next Steps

Project Objectives

- Improve quantity, quality, timing and distribution
- Re-establish productive nursery habitat
- Redistribute freshwater flow and minimize point source discharges
- Preserve and restore natural coastal glades habitat
- Re-establish connectivity between the coastal and adjacent wetlands
- Improve near-shore and saltwater wetland salinity regimes

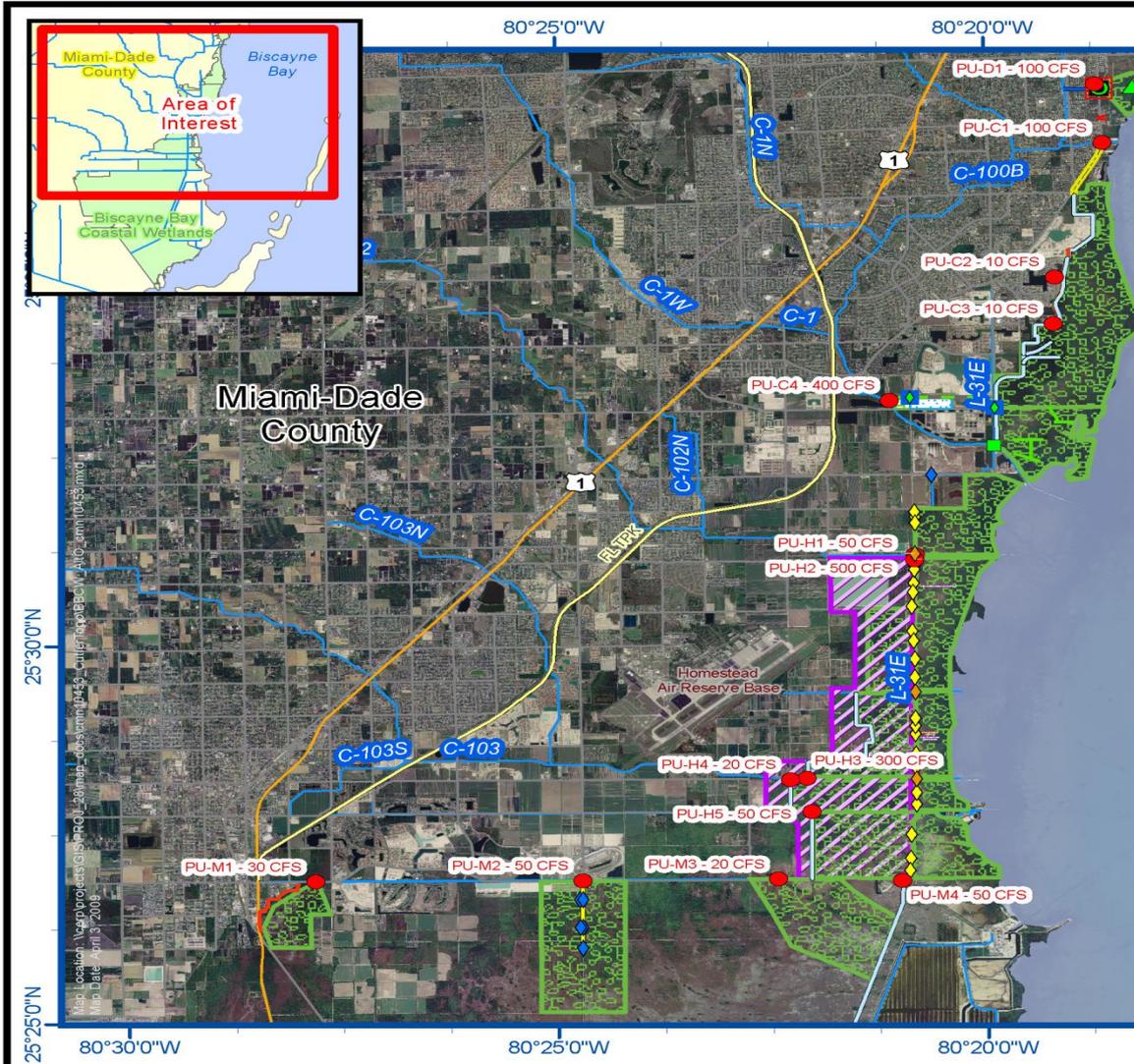


Project Constraints

- Maintain existing levels of flood protection
- Not adversely affect existing legal users of water
- Avoid adverse impacts to protected species



Alternative O – Summary



Possible Features

- 13 pump stations
- 4,700 feet of piping
- 7 miles of spreader canals
- 5 miles of levees
- 10,134 acres of flowways

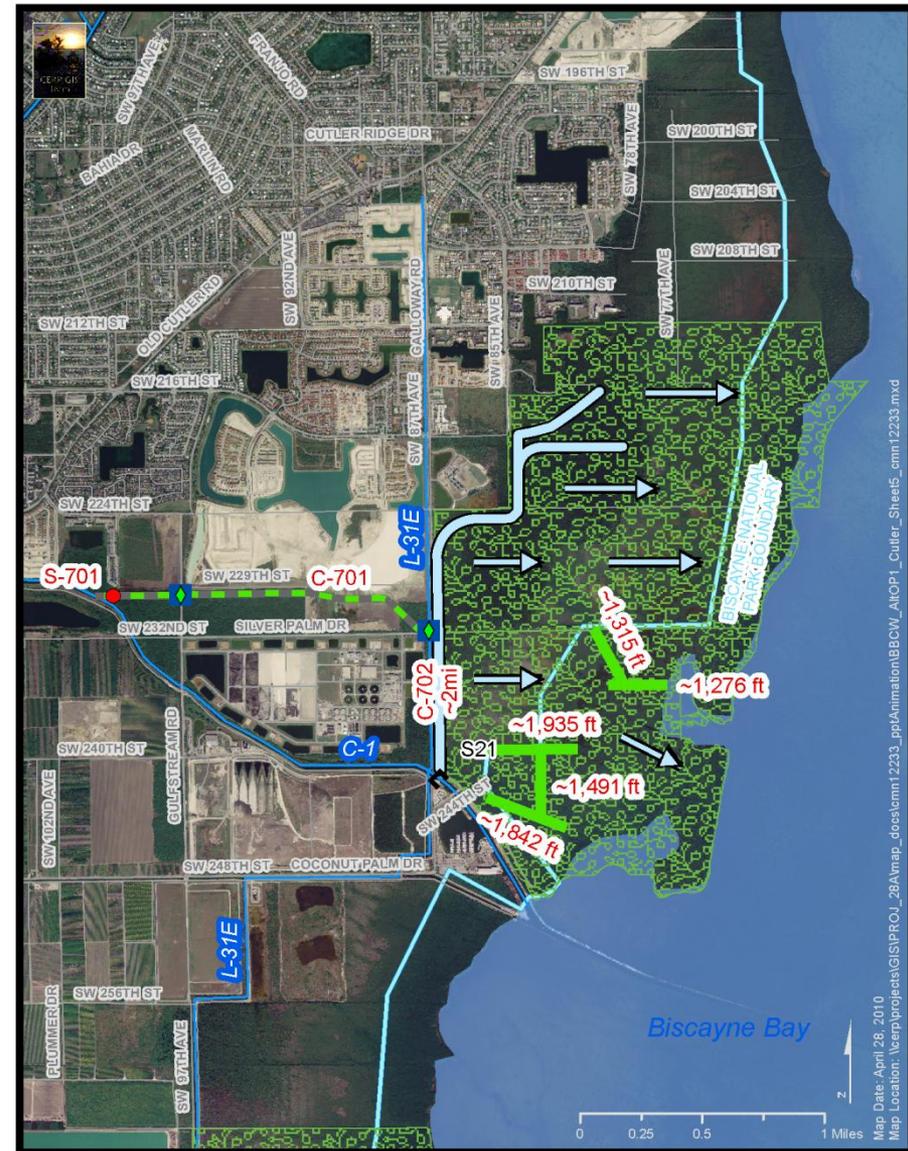
Projected Cost \$534M

SFWMD Expedited Construction

- On October 14, 2004, in the presence of the USACE, Department of Interior, Council on Environmental Quality and other state, local and federal partners, the SFWMD entered into an agreement to expedite implementing portions of eight critical CERP projects, including Biscayne BCW
- SFWMD has completed 100% Design Plans for the expedited portions of the Deering, Cutler Flowway and L-31E project components
- SFWMD has received all required permits for the expedited portions of the Deering and L-31E Flowway components
- SFWMD has completed 100% of the construction for the expedited portion of the L-31E project component (four culverts)

Cutler Flowway

- SFWMD expedited construction of a 400-CFS pump station (S-701) on the C-1 Canal
- SFWMD expedited construction of a 1.3-mile-long lined conveyance canal to deliver water from the pump station to a proposed spreader
- SFWMD expedited installation of box culverts under SW 97 Ave, SW 87 Ave, and L-31E
- SFWMD expedited construction of a two-mile-long spreader canal
- USACE to construct remaining portions of spreader canal and plug 2,500 LF of remnant mosquito ditches



L-31E Flowway

- SFWMD expedited installation of four flap-gated culverts (S-23A, S-23B, S-23C, & S-23D) to discharge from L-31E to saltwater wetlands East of L-31E
- USACE to construct a 50-CFS pump station (S-703) on L-31E, with outlet spreader
- USACE to construct a 100-CFS pump station (S-705) on L-31E to discharge south to L-31E
- USACE to construct a 40-CFS pump station (S-709) to discharge from C-103 north to L-31E, and install an inverted siphon (S-707) at Military Canal to isolate it from L-31E



L-31 E Flowway (Cont.)

- USACE to install six remaining flap-gated culverts (S-706A, S-706B, S-706C, S-708, S-712A, and 712B) to discharge from L-31E to saltwater wetlands
- USACE to construct a 40-CFS pump station (S-711) and spreader canal (C-711) to deliver water from C-103 to freshwater wetlands south of C-103
- USACE to construct 40-CFS pump station (S-710) to deliver water from C-103 to freshwater wetlands south of C-103, via spreader structure



SFWMD Expedited Construction Update

- L-31E:
 - S-23A, S-23B, S-23C and S-23D culvert installation completed in June 2011
- Deering Estate:
 - Notice to Proceed issued April 2010
 - 21.5% complete as of October 2010
 - Anticipated completion date June 2011
- Cutler Flowway:
 - Not currently funded in FY11



Federal CERP Project History and Status

- July 2002 – Initiated planning effort
- January 2008 – USACE Headquarters approves incremental PIRs, with Alternative O - Phase I as the Tentatively Selected Plan (TSP) for PIR-1
- May 2009 – Draft PIR for the TSP was published
- Final PIR is currently waiting resolution of a policy issue regarding agrochemical cost-sharing

Federal CERP Project Next Steps

- Establish Agrochemical Policy
- Hold Civil Works Review Board Briefing
- Revise Final PIR per Coastal Wetlands Review Board (CWRB) Comments
- Transmit and Publish Draft Final PIR
- Respond to Public and Agency Comments
- File Final PIR
- Submit Chief's Report
- OMB Review
- Record of Decision
- Rulemaking for Protection of Water
- Project Partnership Agreement
- Congressional Appropriations

Questions?