

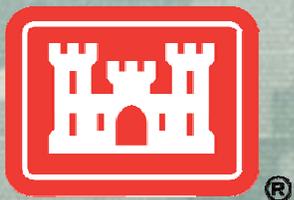
C-111 Spreader Canal Western Project

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Project Manager Planning Technical Lead

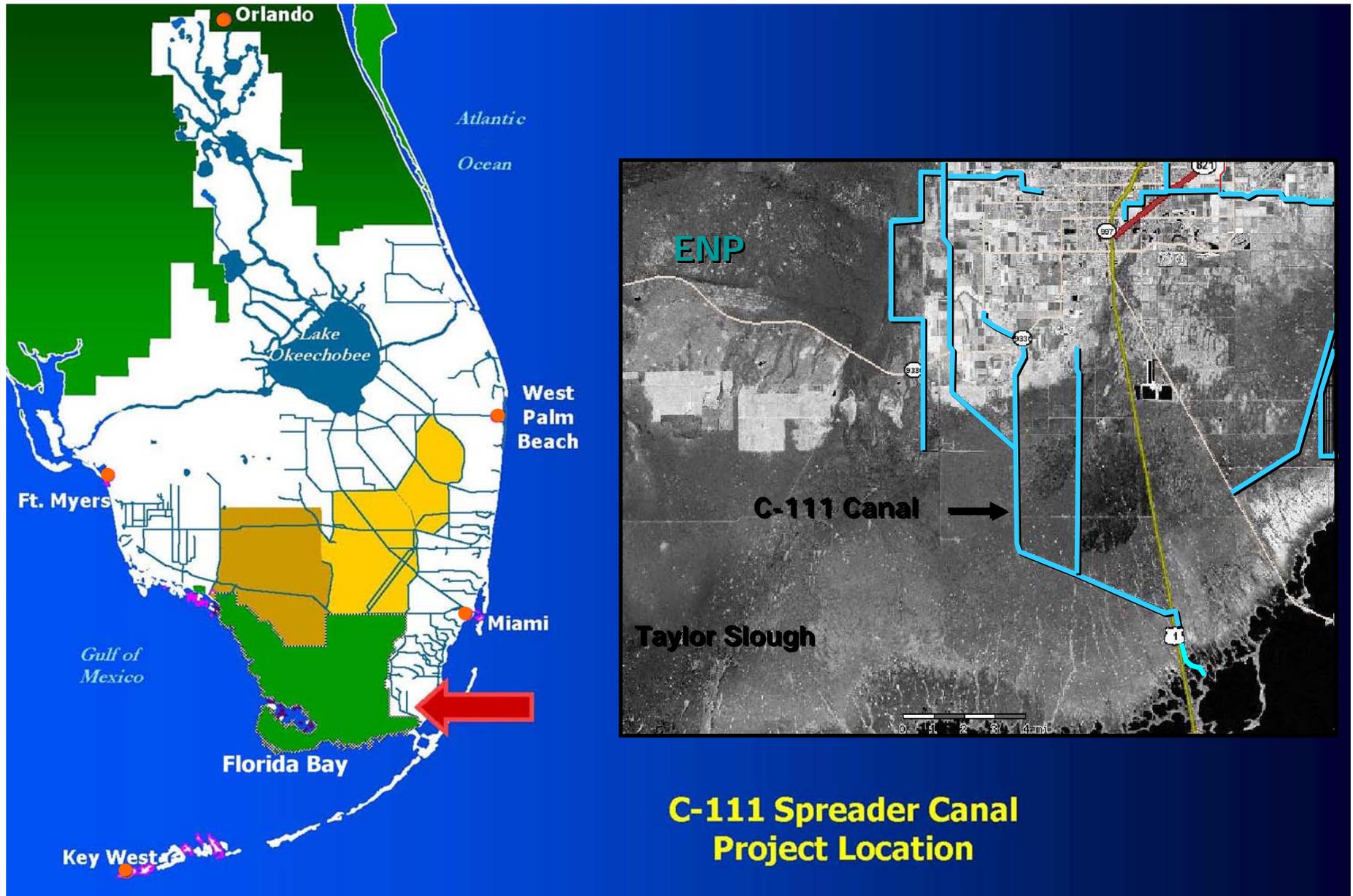
Jacksonville District Corps of Engineers

September 30, 2009



US Army Corps of Engineers
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JACKSONVILLE DISTRICT

Project Location

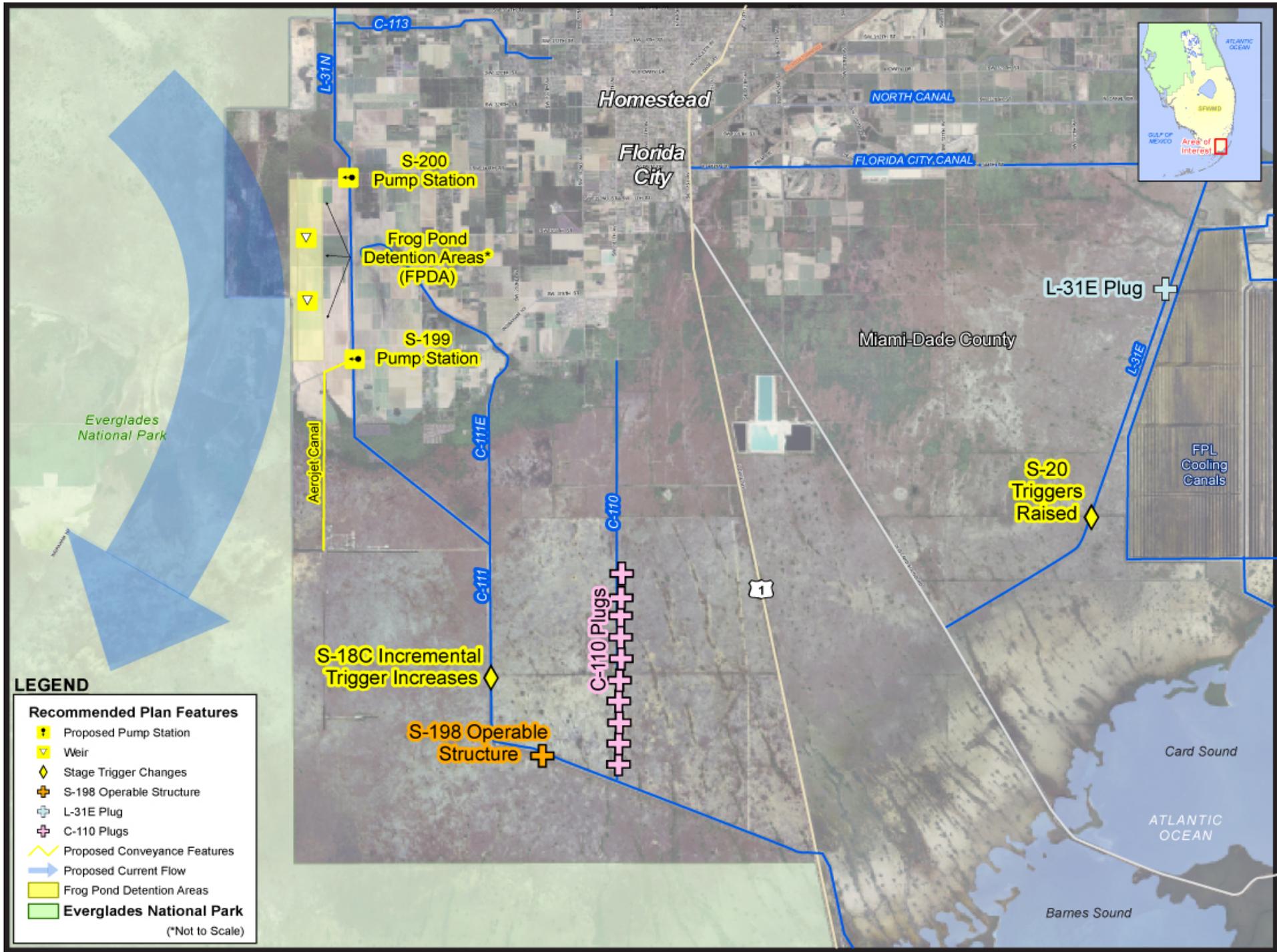


**C-111 Spreader Canal
Project Location**

Yellow Book Plan & Integrated PIR/EIS

- Yellow Book Recommendation
 - 500 cfs pump station, spreader canal, C-110 backfill, C-111 backfill, & a stormwater treatment area
 - Yellow Book features authorized at a cost of \$94,035,000
- Project separated into 2 PIR's
 - Expedite restoration of Eastern ENP
 - Resolve decision critical uncertainties related to the Eastern PIR
- Western PIR (PIR I) to focus on improving water deliveries to Florida Bay via Taylor Slough
- Eastern PIR (PIR II)
 - Focus will be on restoration of the model lands and southern glades
 - Alternatives will include a spreader canal & possible backfill of the C-111



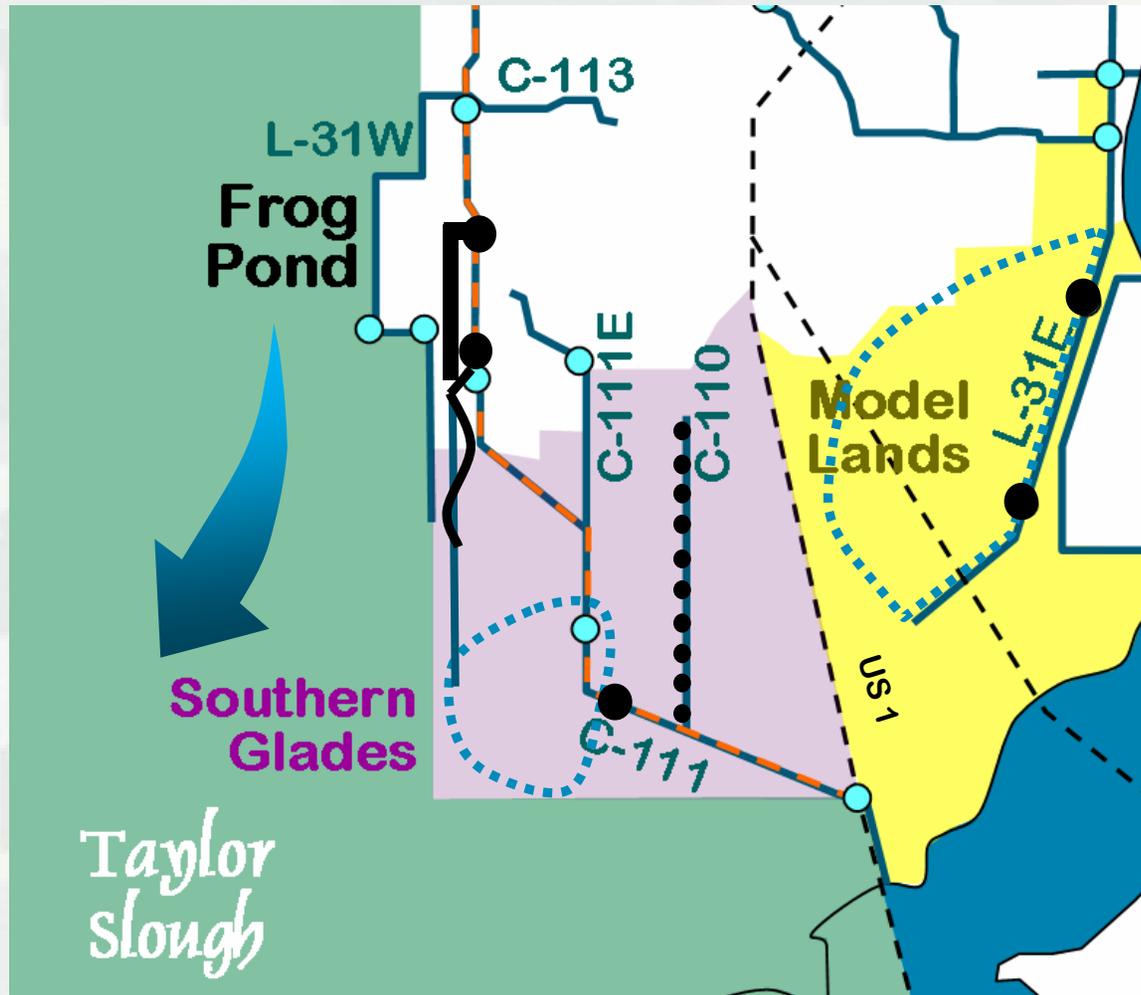


Recommended Features and Costs

- Seepage Control Features
 - 590 acre Frog Pond Detention Area
 - Utilizes excess basin water to reduce seepage
 - Aerojet Canal
 - Increases water stages to reduce seepage in the leakiest section of the C-111 canal
- Water Mounding Features
 - 10 plugs in the C-110, 1 plug at S-20A, operational changes at S-20, experimental changes at S-18C, and 1 gated structure in the lower C-111)
- Costs
 - Total Investment Cost: \$152,198,000
 - Project Monitoring Cost: \$3,347,000



Benefits of the Recommended Plan



- Frog Pond Detention Area and Aerojet Canal
 - Seepage control features that help keep clean water in Everglades National Park
- C-110 & S-20A Plugs, S-198, and operational changes
 - Water mounding features will benefit ENP as well as help restore the model lands and southern glades



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Project Schedule

- Conducting Independent External Peer Review and Model Certification
- Compiling Final PIR/EIS and Updating Real Estate Documentation
- Scheduled to be complete November 25, 2009
- Civil Works Review Board
 - Scheduled for December 15, 2009



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Spreader Canal Design Test

- Design Test will help address decision critical uncertainties related to the Eastern PIR
- Location: near the confluence of the C-111 & C-111E
- The Test will collect groundwater and surface water data
 - Data will benefit the Eastern PIR plan formulation process
- Contract awarded September 1, 2009
 - Operation of the test should begin January 2010



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Questions?



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