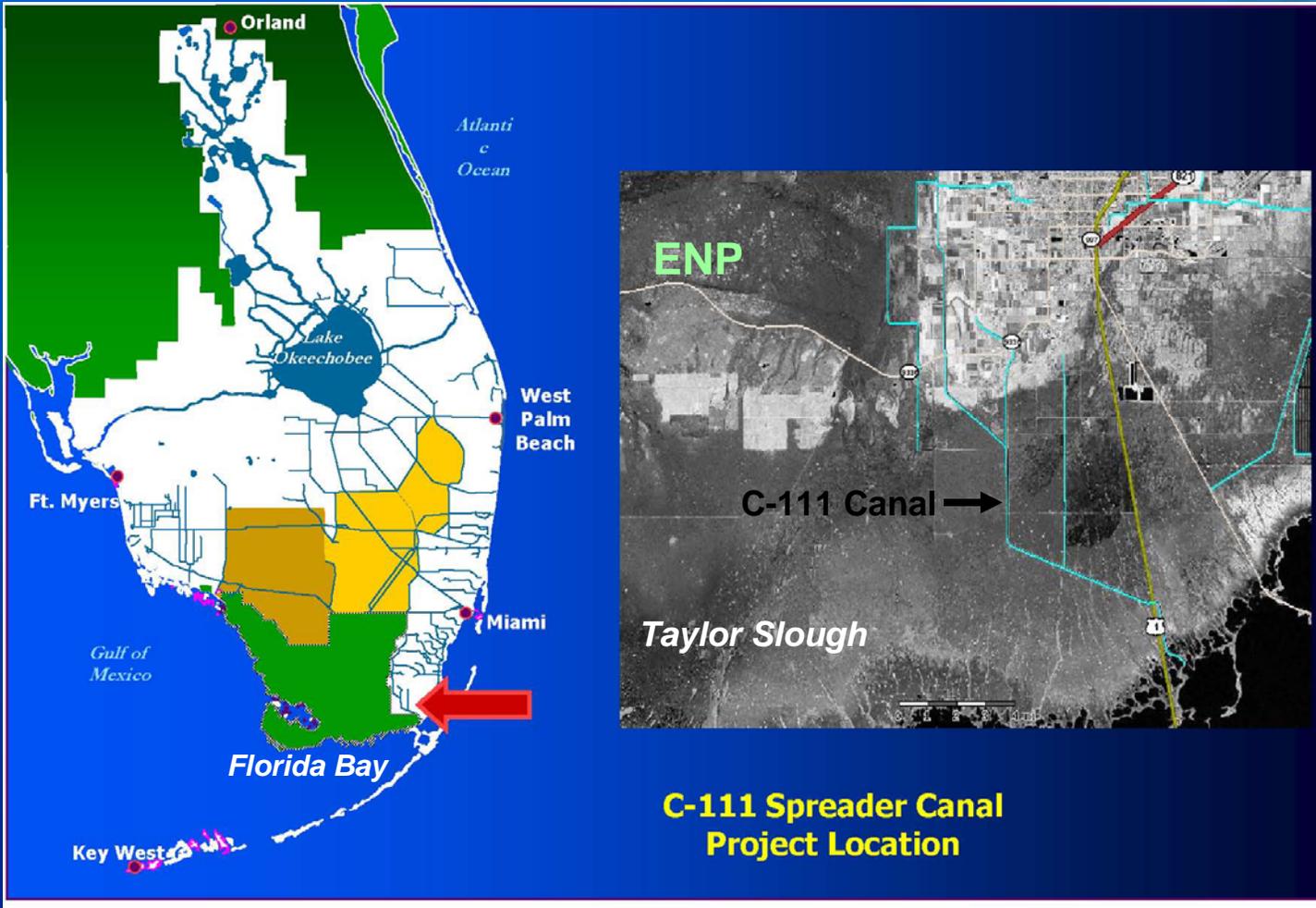


# C-111 Spreader Canal

Alternative Plan Formulation  
Task Force Consultation Briefing  
May 22, 2008



# Project Location



# Formulation Approach

- Full C-111 Spreader Canal Project split into two phases
- First (western) project (PIR I) to focus on improving water deliveries to **Florida Bay** via **Taylor Slough**
- PIR II (eastern) project uncertainties to be addressed via “Design Test” features (physical models)



# PIR I: Tentatively Selected Plan Features



## Alternative 2D (TSP)



# TSP Features

- Total Estimated Cost – \$119M
- Frog Pond Infiltration Basin (530 ac.)
  - utilizes excess basin water to extend effectiveness of seepage control
- Seepage Control (Aerojet Road Canal) – to extend “hydraulic ridge” along “leakiest” section of the C-111 Canal
- Intermediate Water Control Features
  - 2 operable structures in lower C-111 Canal, plug at S-20A, operational changes at S-20)



# Design Test Features

*(Implemented under CERP  
Design Agreement)*

- Spreader Canal/Pump (1 mile/50 cfs)
  - *To test pump and spreader canal effectiveness*
  - *\$4.1M*
- Water Quality Infiltration Basin
  - *To evaluate effectiveness of water quality improvement*
  - *\$2.6M*



# Design Test Feature Locations

