

Comprehensive Everglades Restoration Plan Biscayne Bay Coastal Wetland Project

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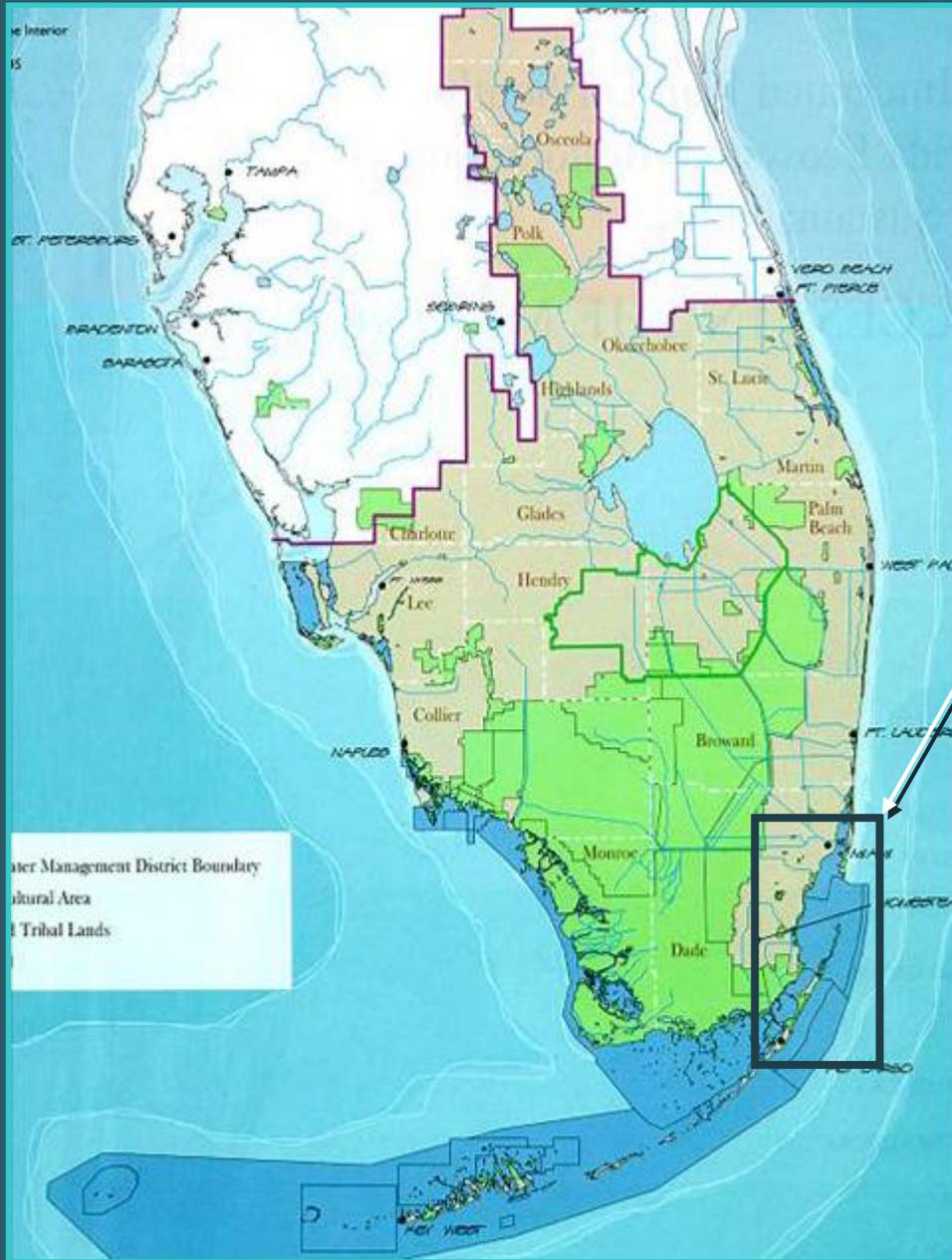
Consultation Workshop
South Florida Ecosystem Restoration Task Force

September 18, 2008



Presentation Overview

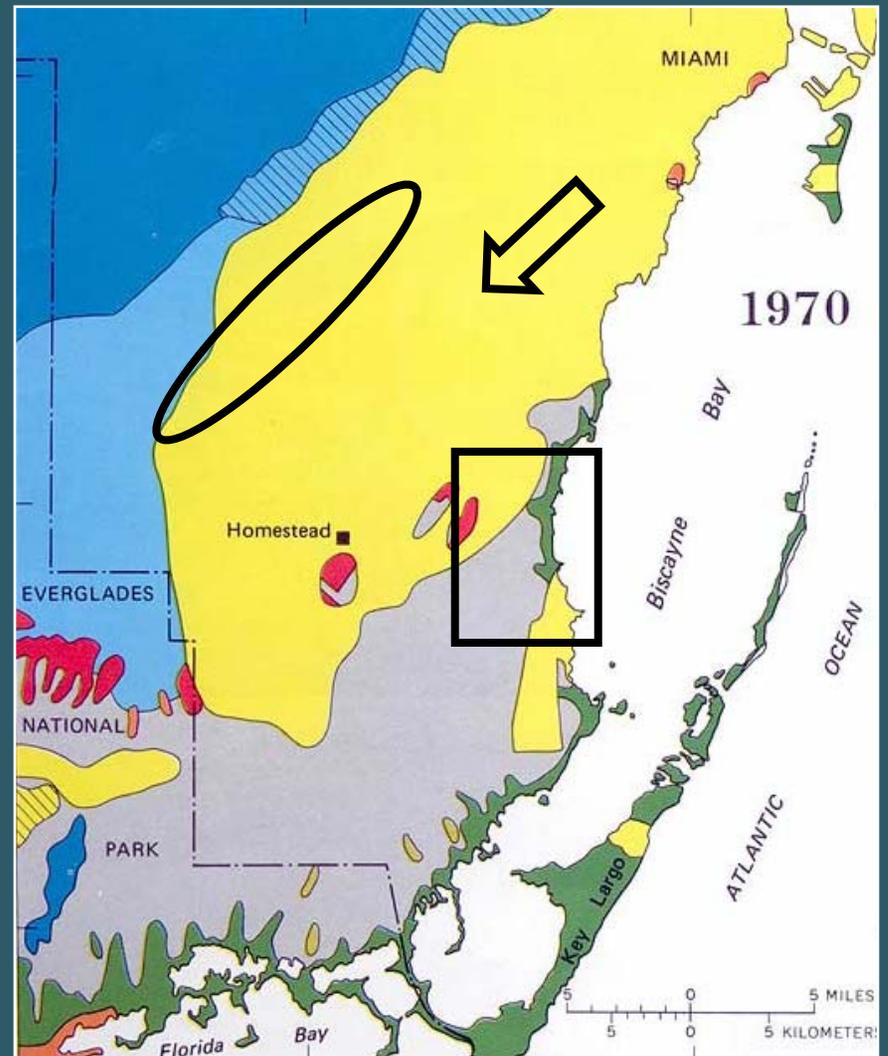
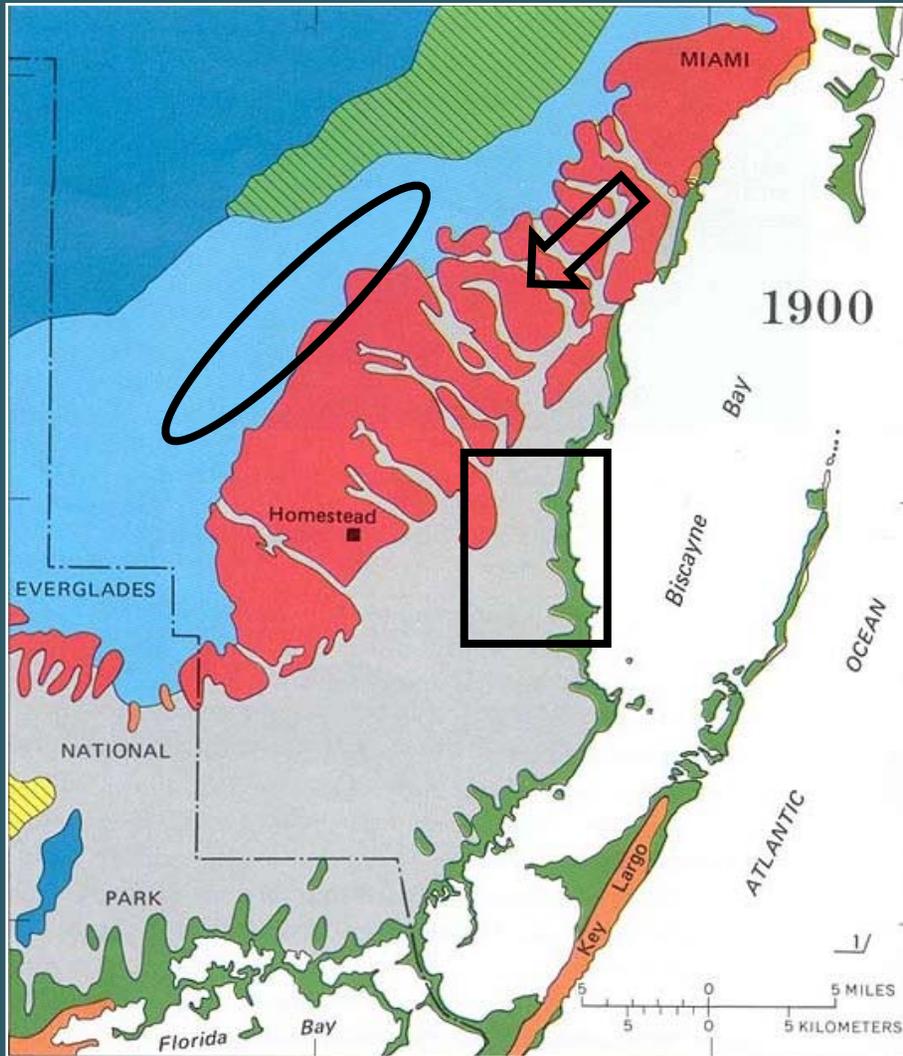
- Location
- Problems and Objectives
- Alternative Formulation
- Two Project Implementation Report Approach
- Tentatively Selected Plan Features
- Project Assurances
- Status



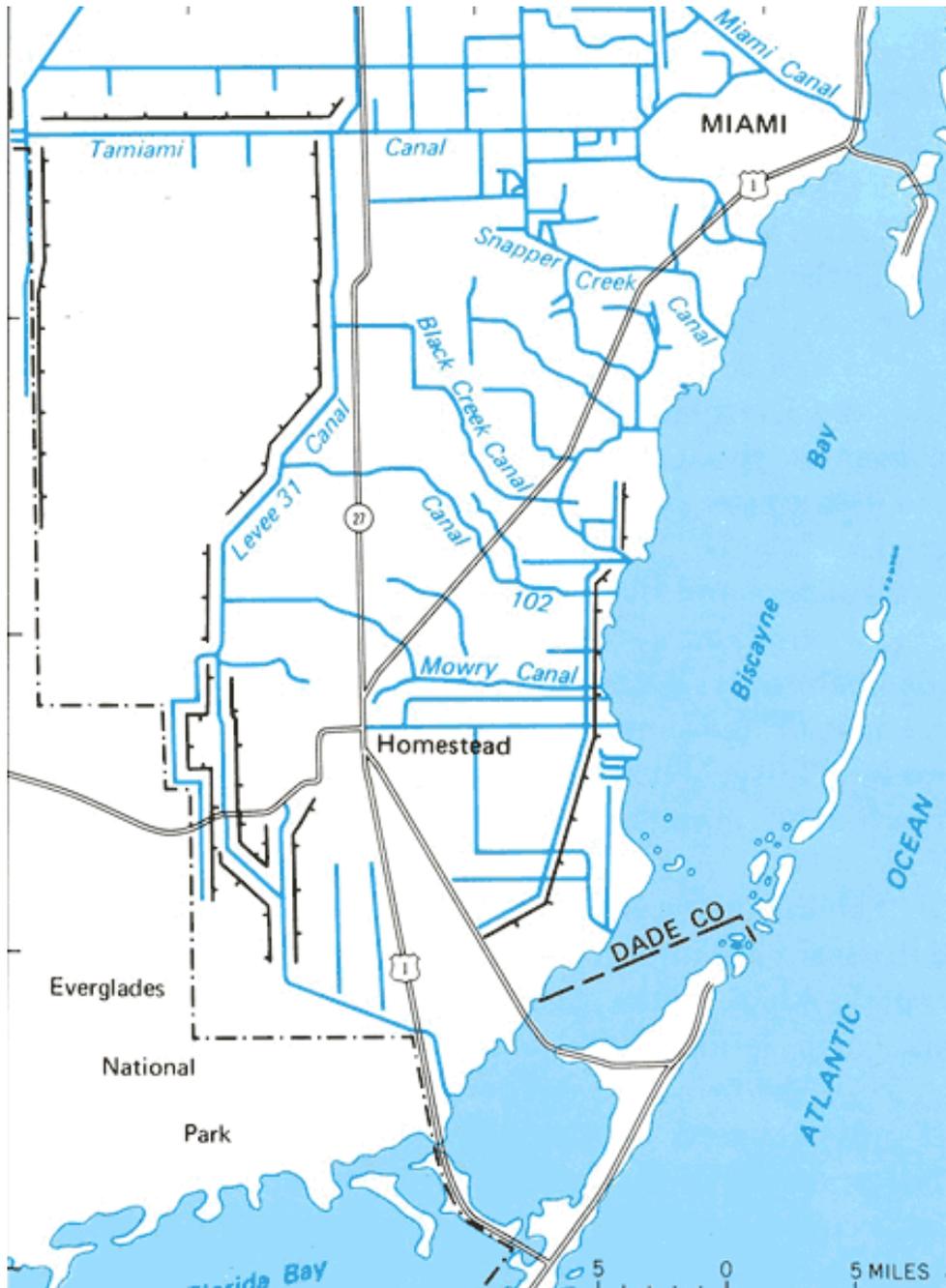
Biscayne Bay Coastal Wetlands Project Area

Biscayne Bay Coastal Wetlands

Land Cover



Biscayne Bay Coastal Wetlands



Water Management



Photo Credit: U. S. Geological Survey
South Florida Information Access

Biscayne Bay Coastal Wetlands

Alternative Formulation Management Measures

- Culvert
- Flow way
- Levee
- Levee removal
- Operational change
- Plug
- Pump station
- Reservoir
- Spreader canal
- Stormwater Treatment Area

Alternative Formulation

Create Alternatives

- Alt. A
- Alt. B
- Alt. C
- Alt. D
- Alt. E
- Alt. F
- Alt. G
- Alt. H
- Alt. I
- Alt. J
- Alt. K
- Alt. L
- Alt. M
- Alt. N
- Alt. O
- Alt. P
- Alt. Q
- Alt. R
- Alt. S
- Alt. YB
- Alt O Phase I

Alternative Formulation

Screening 1 – Combination of Similar Plans

- Alt. A
- ~~Alt. C~~
- ~~Alt. D~~
- Alt. E
- ~~Alt. F~~
- ~~Alt. G~~
- ~~Alt. H~~
- ~~Alt. I~~
- Alt. J
- ~~Alt. K~~
- ~~Alt. L~~
- Alt. M
- ~~Alt. N~~
- Alt. O
- ~~Alt. P~~
- Alt. Q
- ~~Alt. S~~
- Alt. YB
- Alt O Phase I

Alternative Formulation

Screening 2 – Cost Limit

- Alt. A
- Alt. ~~E~~
- Alt. ~~J~~
- Alt. M
- Alt. O
- Alt O Phase I
- Alt. ~~Q~~
- Alt. ~~YB~~

Alternative Formulation Evaluation and Comparison

- ~~Alt. A~~
- ~~Alt. M~~
- ~~Alt. O~~
- ~~Alt. YB~~
- ~~Alt. Q~~
- Alt O Phase I

Alternative O Phase 1

Deering Estate



Alternative O Phase 1 Cutler Wetlands



Alternative O Phase 1

L31 E Flow way



Alternative O Phase 1

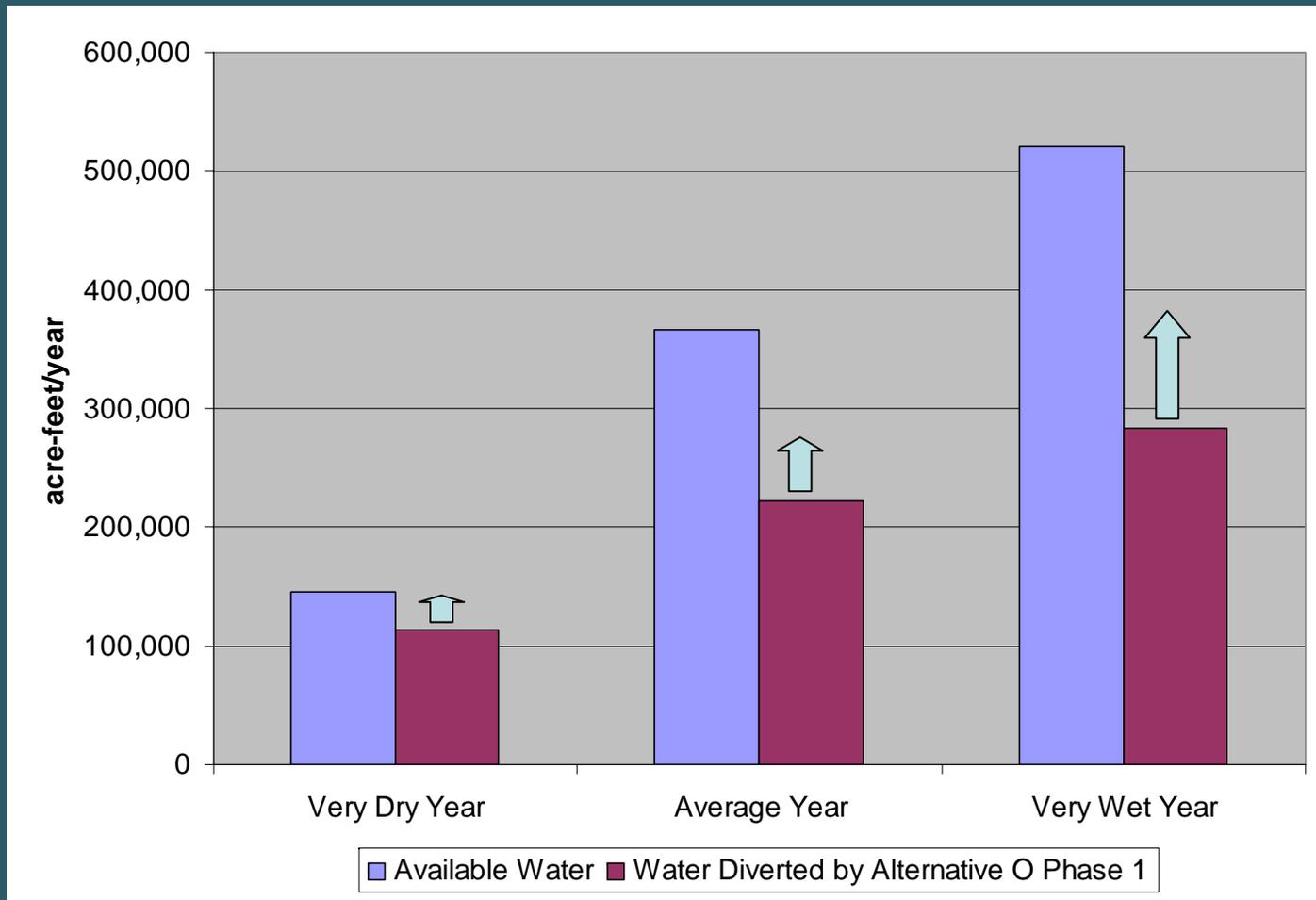
L31 E Flow way



Water Resource Development Act 2000 Constraints

- No Elimination or Transfer of Existing Legal Water Sources
- Maintain existing Levels of Service for flood protection

Water Reserved or Allocated for the Natural System



Present/Imminent Tasks

Draft Report Review	
Project Team/Supervisory	Complete
Technical Editing	Ongoing
Independent Technical Review	Oct - Nov 09
USACE Headquarters	Nov 09
External Peer/Public Review	Jan - Mar 09
Model Certification	Ongoing

Schedule

Project Implementation Report 1

- Draft Report Published in Federal Register Jan 09
- Civil Works Review Board Jun 09
- Final Report Published in Federal Register Jul 09
- Authorization WRDA 2010
- Project Cooperation Agreement Executed Nov 11
- Real Estate Acquisition Complete Nov 12
- Construction Jul 13 – Feb 16
- Operational Start-Up and Testing Feb 16

Questions or Comments?



Biscayne Bay Coastal Wetlands