



**South Florida
Ecosystem
Restoration**

restoration
restoration

Task Force Meeting

June 24, 2009

Interior - American Recovery and Reinvestment Act investments

- \$1.25 million for the Arthur R. Marshall Loxahatchee National Wildlife Refuge to combat exotic invasive plants.
- \$12.5 million to restore habitat at Everglades National Park by reconstructing the Cape Sable Canals Plugs/dams.

Exotic Plant Control at A.R.M. Loxahatchee NWR



- Partnership with SFWMD.
- By 2017, Old World Climbing Fern, Melaleuca, Brazilian Pepper, and Australian Pine must be in 100% maintenance control.
- Between 2002 and 2008, \$18 million invested.
- 217,000 acres initially treated and retreated.

Old World Climbing Fern on Tree Islands



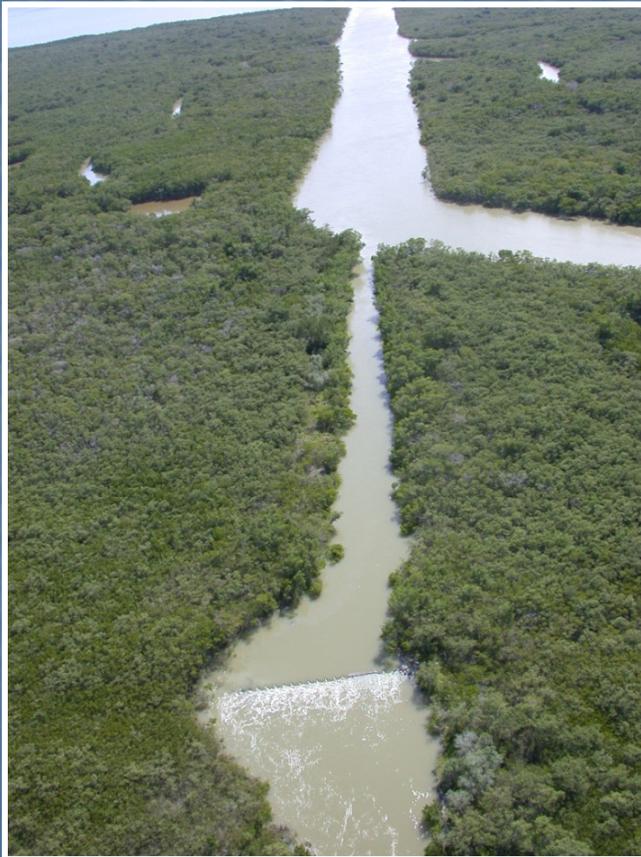
Cape Sable Habitat Restoration

Existing Plug/Dam Conditions



EXPERIENCE
YOUR
AMERICA

East Cape Plug



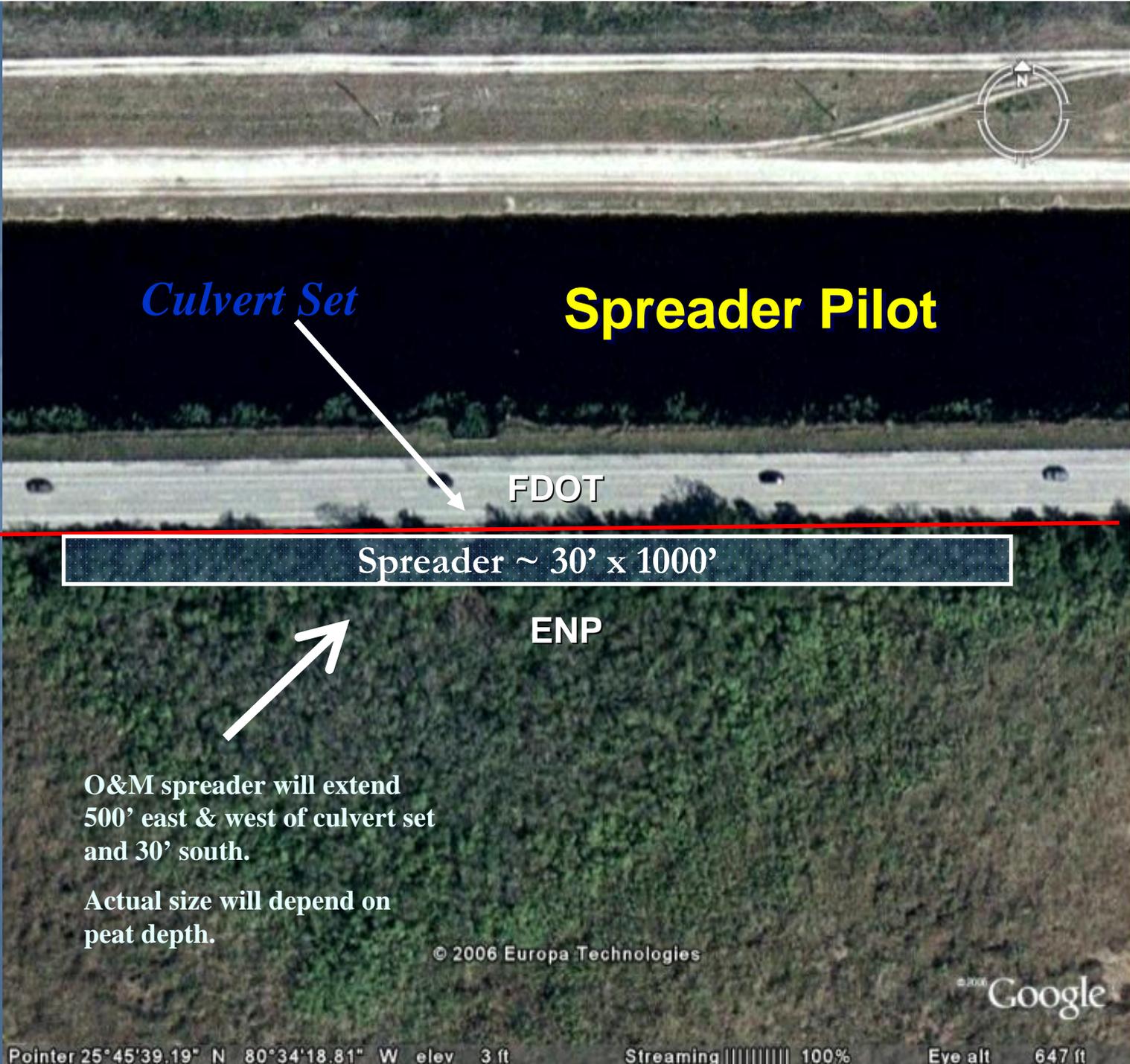
Homestead Plug



Cape Sable Plugs (Dam) – June 2009

Special Pilot Projects

- **Tamiami Trail Swales:**
 - 4 alternatives ranging from No Action to modeling and actual construction.
 - Recommended plan for Hydrologic modeling followed by construction of 2 pilot swales along Tamiami Trail.
 - Monitoring ongoing and to be completed by Dec 09 with decision to be made on whether to proceed with construction.
 - Construction of pilot could begin in Spring 2010 with additional monitoring to follow through 2012.



Culvert Set

Spreader Pilot

FDOT

Spreader ~ 30' x 1000'

ENP

O&M spreader will extend
500' east & west of culvert set
and 30' south.

Actual size will depend on
peat depth.

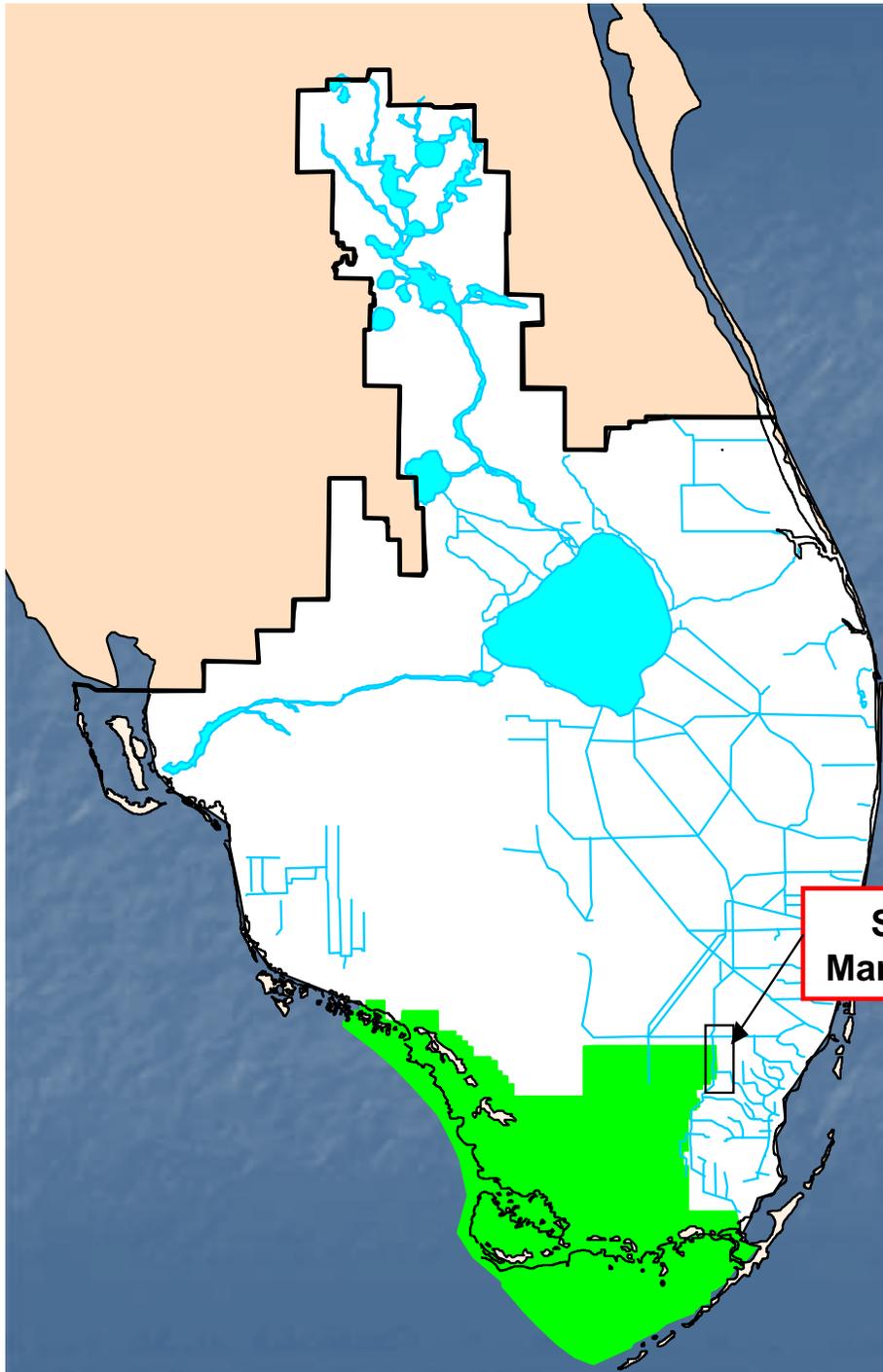
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Google

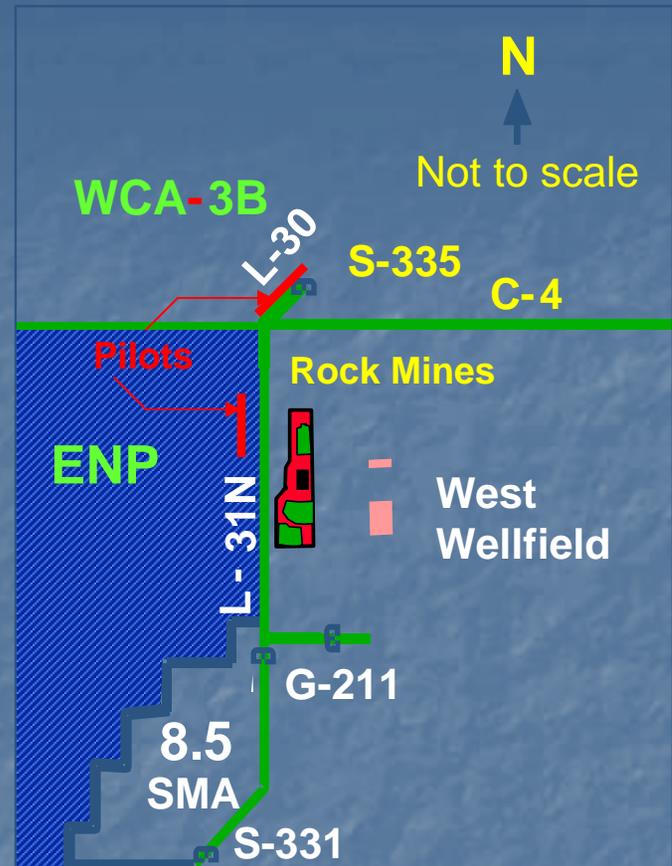
Special Pilot Project

Seepage Cutoff Wall :

- 2 Ongoing Actions:
 - Corps L-30/31N Seepage Pilot and
 - Rock Miner Seepage Pilot
- Both should start construction within next year.
- Both consist of cutoff to varying depths.
- Both will be monitored to determine effectiveness of reducing seepage out of Everglades.



Seepage Management Pilot



Seepage Management Pilot Project Study Area Map

Tamiami Trail Study

2009 Omnibus Appropriations Act directed NPS study to:

- Restore Natural Water Flow to ENP
- Restore Ecological Connectivity
- Restore Habitat Within ENP

Everglades National Park leading effort with technical assistance from Corps of Engineers.

Analysis looking at options ranging from no action to 6 plus miles of additional bridging

Tamiami Trail Study Milestones

- Currently completing NEPA Scoping.
- Final Range of Alternatives—July 2009.
- Publish Draft EIS in December 2009.
- Complete Feasibility Report—March 2010.
- Complete Final EIS—Sept. 2010.