

Broward County Water Preserve Area

Water Resources Advisory Commission

5 June 2008

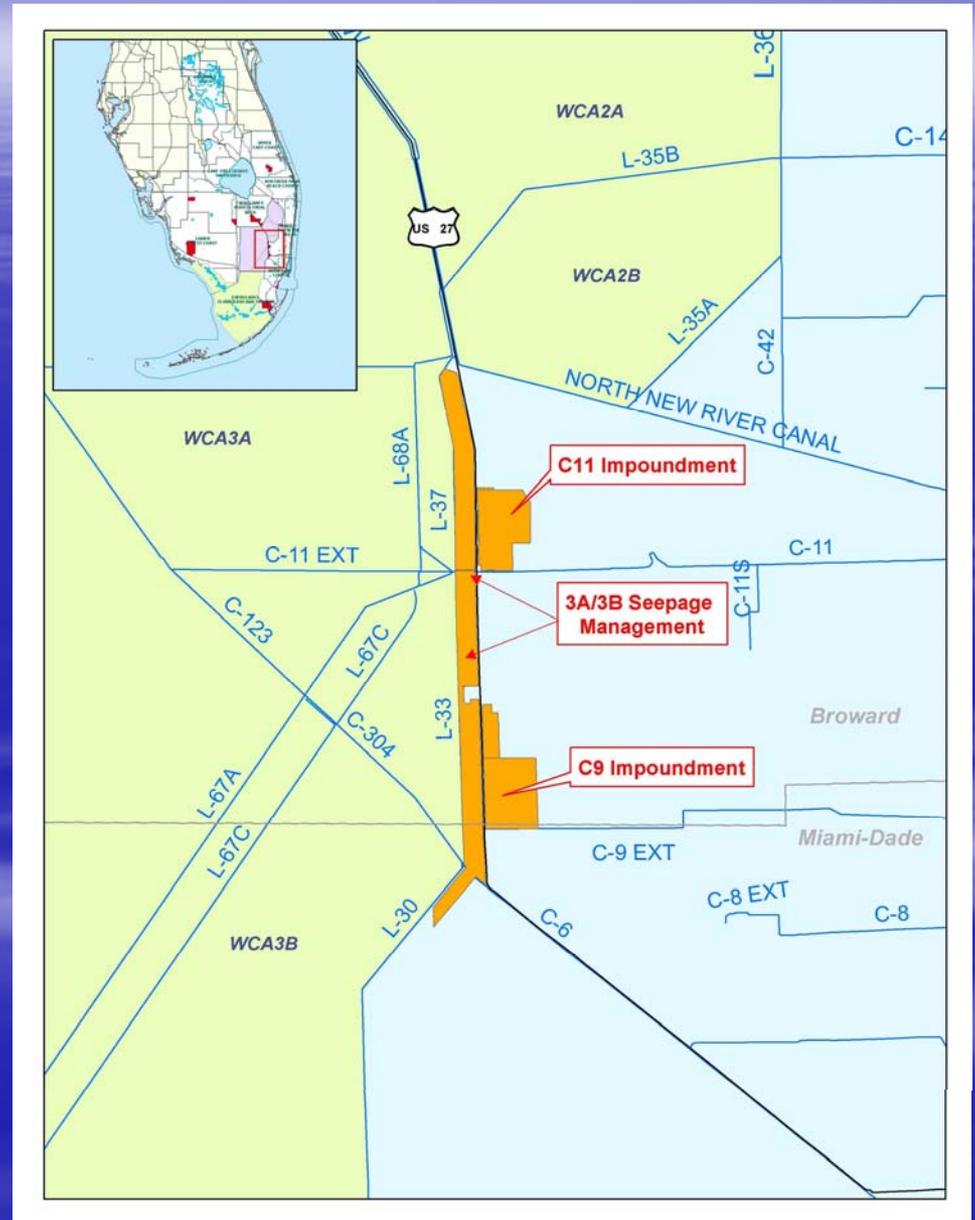
Corps of Engineers PM: Al Bruns
SFWMD PM: Jeff Needle

Broward County Water Preserve Area Project Elements

C-11 Impoundment

3A/3B Seepage
Management Area

C-9 Impoundment



Documentation

Project Implementation Report (PIR)

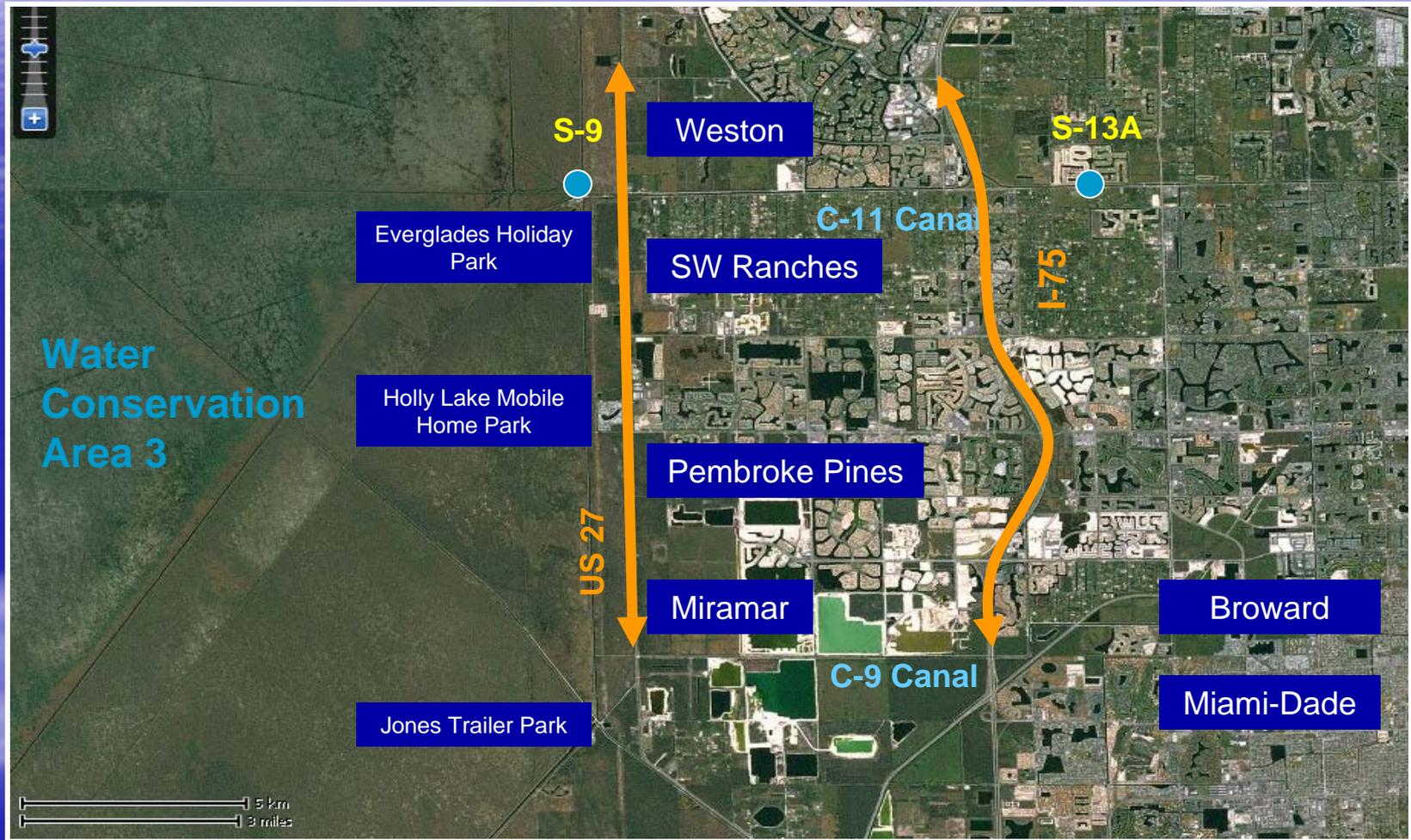
- **Dated April 2007**

Basis of Design Report (BODR)

- **Dated September 2007**
- **Website www.evergladesnow.org**

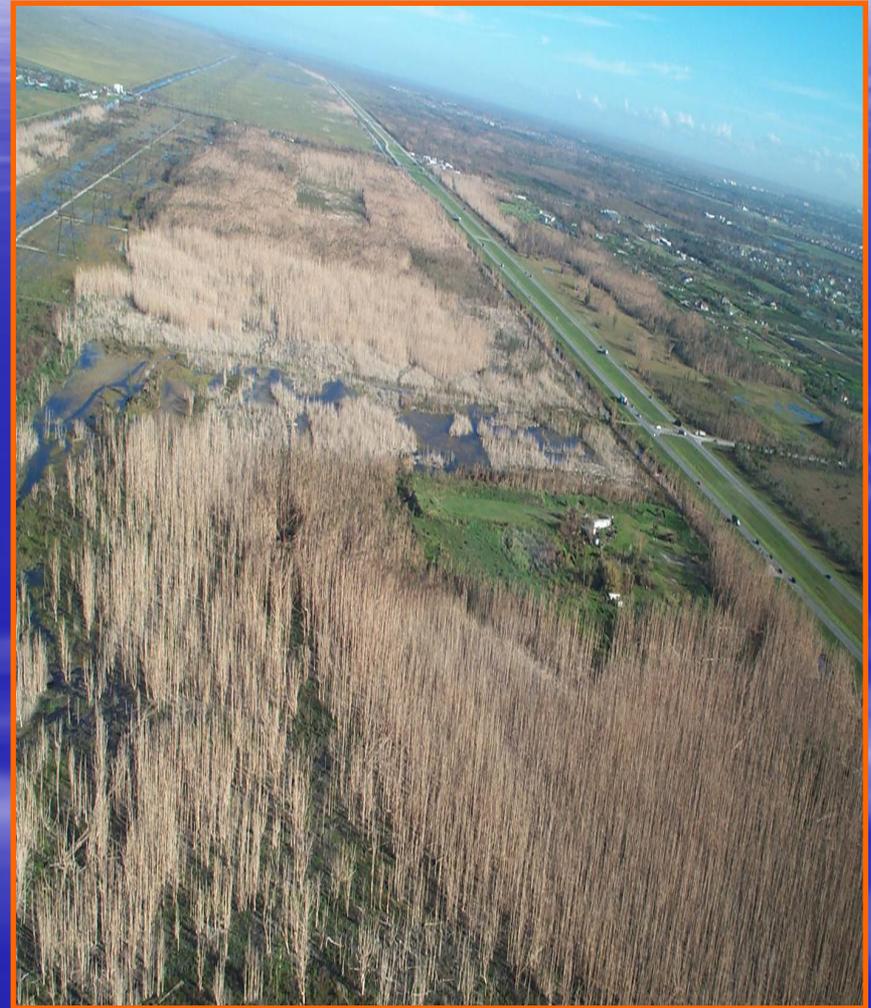
C-11 Design Incorporates elements of both

Location Map



3A/3B Seepage Management Area

- > 4,000 acres of short hydro-period wetlands
- 0.6 mile wide x 14 miles long
- Canal widening + levees + water control structures + decontamination containment + levee protection system with seepage control pump station + bridges + culverts
- Reduces seepage from Water Conservation Areas



View looking north in 3B Seepage Management Area

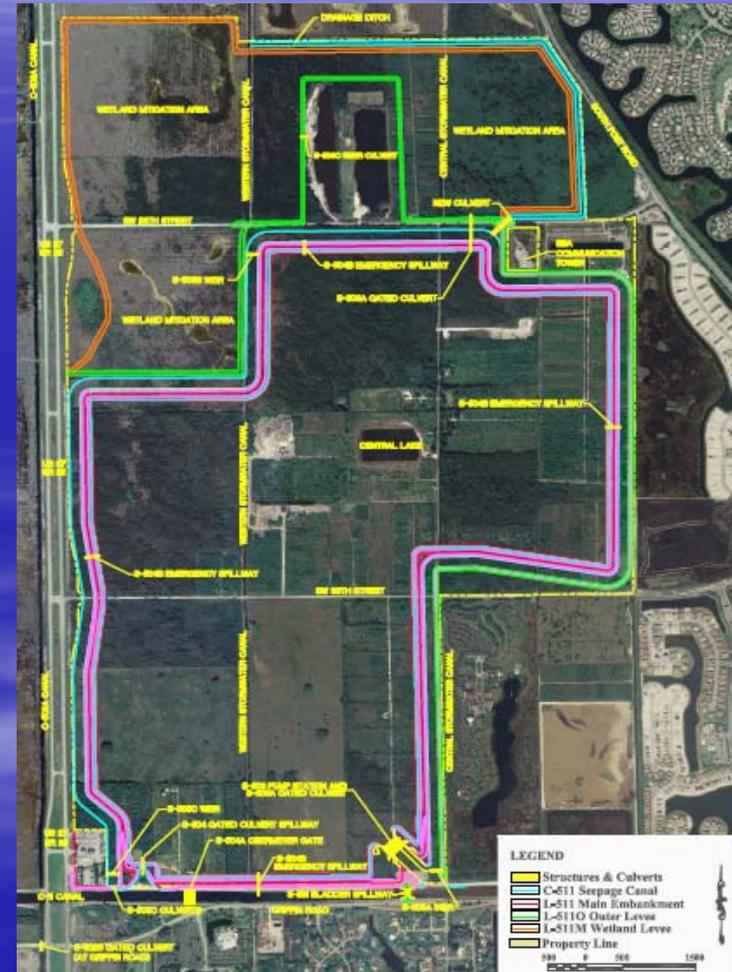
C-9 Impoundment

- Storage area of 1,490 acres
- Embankment + inflow pump station + spillways + seepage collection system and pump station + mitigation + recreation
- Receives stormwater from western C-9 Basin; diverted from S-9 pump station



C-11 Impoundment

- Project storage area of 1,650 acres
- Embankment + inflow pump station + spillways + seepage collection system and pump station + mitigation area + recreation
- Receives stormwater from western C-11 Basin; diverted from being pumped to WCA 3A through S-9 pump station



Project Estimates

- **Current estimate (total cost) = \$841M**
 - C-11 Design and construction = \$176M
 - C-9 Design and construction = \$145M
 - SMA Design and construction = \$46M
- **Design period ~ 24 months per element**
- **Construction period = 2-3 years per element**

Stakeholder Briefings (44)

Municipalities + Counties + HOAs + Interested Parties

Public Meetings (2)

23 Jan 07	WRAC Issues Workshop No. 1	Miramar
25 Jan 07	WRAC Issues Workshop No. 2	Weston
5 Apr 07	WRAC Meeting on BODR	WPB
7 Jun 07	WRAC Meeting on Greenways Trail	Coconut Creek

Future Public Meetings on C-11 Preliminary Design

TBD 2008	Stakeholder Meeting	TBD
TBD 2008	Public Meeting	TBD

Schedule

C-11	Preliminary Design	Feb 2008
	Intermediate Design	Sep 2008
	Final Design	Apr 2009

Construction Start (No construction funds for 2009)

Authorization required before funding for construction

Finish C-11 Design / Shelve it until funded

Continue on with C-9 design and then SMA with lengthened schedule
(2 years per element)

Overall schedule being negotiated

C-9 Tentative Design Period	Aug 2009 - Aug 2011
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SMA Tentative Design Period	TBD
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Recreation

C-11 has recreation elements being incorporated into their design, as will C-9 when it is designed

PIR (C-11 and C-9): Parking, canoe launch, platform/walkway, information kiosk, benches, footbridges, other small amenities.

3A/3B SMA : Pedestrian Equestrian bridges, Greenways - cooperating on existing greenways, Asphalt trail – Partnership agreement in process

Questions ?