

CENTRAL EVERGLADES PLANNING PROJECT



Water Resources Advisory Commission

PRESENTED BY

Matt Morrison,
Everglades Policy and
Coordination

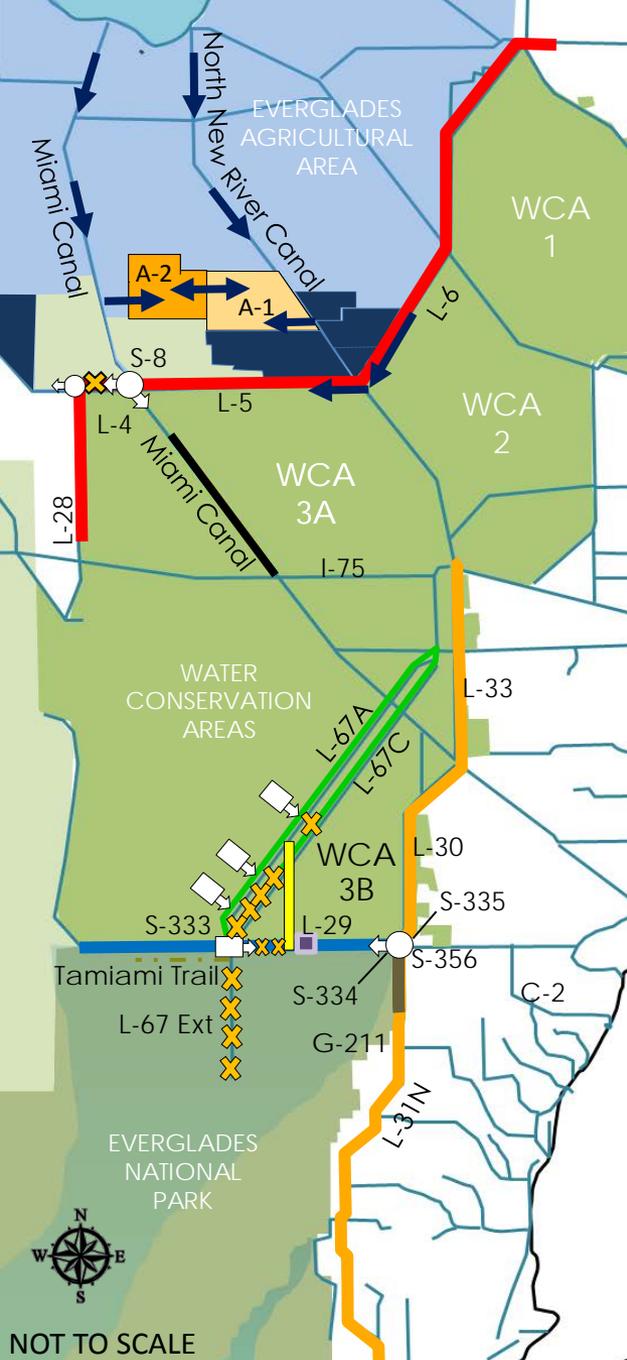
South Florida Water
Management District

August 8, 2013

TOPICS

- Tentatively Selected Plan
- Project Benefits
- Project Costs
- Current Status
- Next Steps

TENTATIVELY SELECTED PLAN



- STORAGE AND TREATMENT**
- Construct A-2 FEB and integrate with A-1 FEB operations
 - Lake Okeechobee operation refinements within LORS
- DISTRIBUTION/CONVEYANCE**
- Diversion of L-6 flows, Infrastructure and L-5 canal improvements
 - Remove western ~2.9 miles of L-4 levee (west of S-8 3,000 cfs capacity)
 - Construct 360 cfs pump station at western terminus of L-4 levee removal
 - Backfill Miami Canal and Spoil Mound Removal ~1.5 miles south of S-8 to I-75

- DISTRIBUTION/CONVEYANCE**
- Increase S-333 capacity to 2,500 cfs
 - Two 500 cfs gated structures in L-67A, 0.5 mile spoil removal west of L-67A canal north and south of structures
 - Construct ~8.5 mile levee in WCA 3B, connecting L-67A to L-29
 - Remove ~8 miles of L-67C levee in Blue Shanty flowway (no canal back fill)
 - One 500 cfs gated structure north of Blue Shanty levee and 6,000-ft gap in L-67C levee
 - Remove ~4.3 miles of L-29 levee in Blue Shanty flowway, divide structure east of Blue Shanty levee at terminus of western bridge
 - Tamiami Trail western 2.6 mile bridge and L-29 canal max stage at 9.7 ft (FUTURE WORK BY OTHERS)
 - Remove entire 5.5 miles L-67 Extension levee, backfill L-67 Extension canal
 - Remove ~6 mile Old Tamiami Trail road (from L-67 Ext to Tram Rd)

- SEEPAGE MANAGEMENT**
- Increase S-356 pump station to ~1,000 cfs
 - Partial depth seepage barrier south of Tamiami Trail (along L-31N)
 - G-211 operational refinements; use coastal canals to convey seepage

Note: System wide operational changes and adaptive management considerations will be included in project

FEB	STA	Pump	Old Tamiami Trail Removal
Backfill	Levee Removal	Gated Structure	
Seepage Barrier	Divide	Levee	



NOT TO SCALE

PROJECT BENEFITS

Additional Everglades Delivery

	ECB	FWO	ALT4R2	Diff (ALT4R2-FWO)
STA2	234.5	381.0	383.7	(2.7)
STA34	538.5	382.2	596.2	(214.0)

Total Additional Water in ALT4R2 = +216.7

All values are average annual discharges in kac-ft

PROJECT BENEFITS

Habitat Units						
Planning Regions	Zones	Maximum Acreage	ECB	FWO	ALT 4R	ALT 4 R2
Northern Estuaries	CE-1	70,979	2,839	34,070	39,038	39,038
	SE-1	14,994	2,099	2,399	5,098	8,247
Total			4,938	36,469	44,136	47,285
Greater Everglades	3A-NE	123,475	44,451	29,634	92,606	91,372
	3A-MC	78,208	32,847	27,373	54,746	54,746
	3A-NW	70,387	30,970	30,266	54,198	54,198
	3A-C	137,233	108,414	105,669	109,786	111,159
	3A-S	82,437	69,247	68,423	68,423	68,423
	3B	85,688	55,697	48,842	58,268	59,125
	ENP-N	125,123	57,557	55,054	98,847	98,847
	ENP-S	238,592	124,068	126,454	169,400	169,400
	ENP-SE	135,104	79,711	81,062	85,116	83,764
Total			602,962	572,777	791,390	791,034
Florida Bay	FB-W	157,952	23,693	20,534	39,488	41,068
	FB-C	82,048	9,025	8,205	13,948	14,769
	FB-S	97,728	16,614	14,659	27,364	28,341
	FB-EC	87,936	21,984	20,225	33,416	34,295
	FB-NB	12,672	2,154	2,028	2,534	2,661
	FB-E	37,760	9,440	8,685	9,818	9,818
Total			82,910	74,336	126,568	130,952

PROJECT COST

\$1.8 Billion

CONSTRUCTION

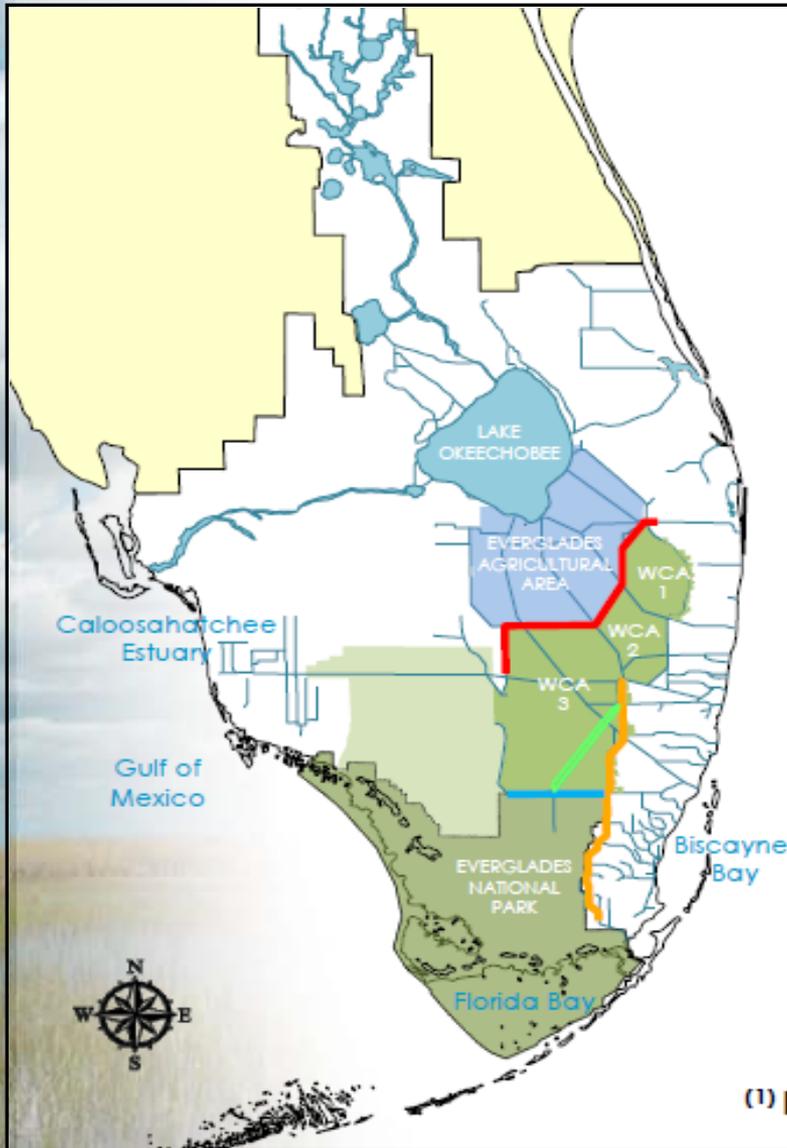
\$900 Million

NON-CONSTRUCTION⁽¹⁾

\$400 Million

CONTINGENCY

\$500 Million



⁽¹⁾ Planning, Design, Lands and Construction Administration

CURRENT STATUS

Draft Report in Preparation

**CENTRAL AND SOUTHERN FLORIDA PROJECT
COMPREHENSIVE EVERGLADES RESTORATION PLAN
CENTRAL EVERGLADES PLANNING PROJECT**

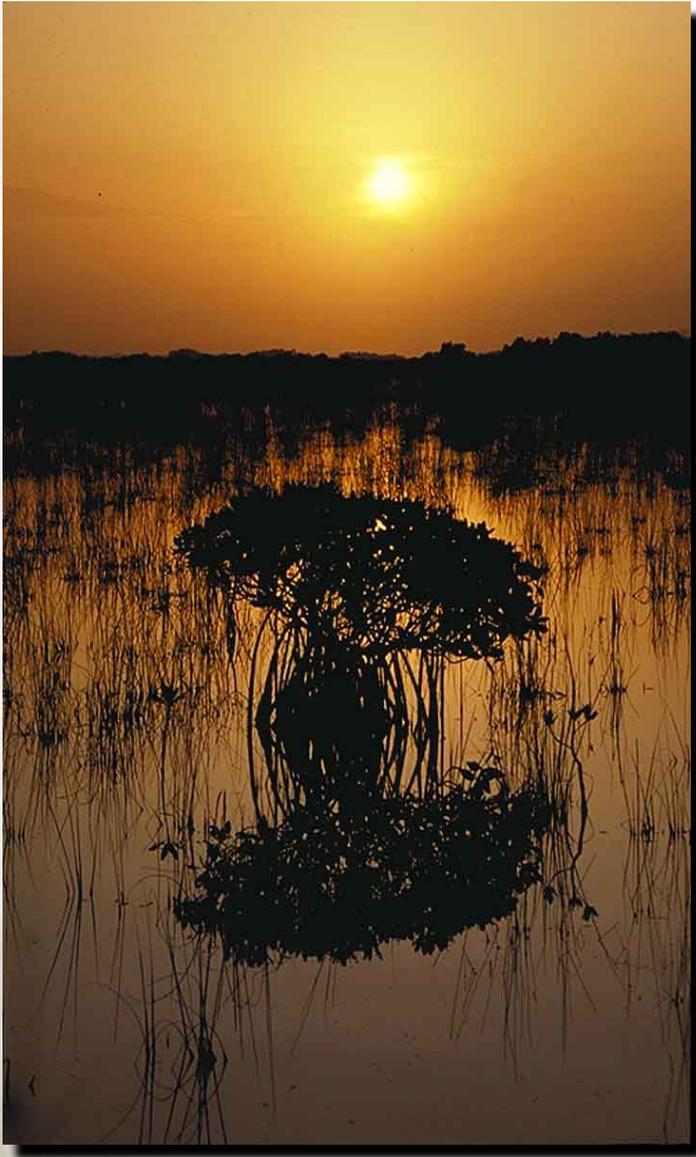
**DRAFT INTEGRATED
PROJECT IMPLEMENTATION REPORT AND
ENVIRONMENTAL IMPACT STATEMENT**



August 2013

NEXT STEPS

- Decision Point 2 – August 13
- SFWMD Gov Board Action – Aug 15
- Release Draft Report - TBD
 - Public and Agency Review 45 – 60 days
- Civil Works Review Board- TBD
- Chief's Report - TBD



Questions?