



**South Florida  
Ecosystem  
Restoration  
Integrated Delivery  
Schedule**



restoration  
restoration

Task Force Meeting  
September 17, 2008

# Background

- **May TF:** Members requested that we work with WG to complete the initial IDS
- **July WG:** Worked to complete the initial IDS through discussion and the interactive cash flow tool
  - Used the TF guiding principles
  - Followed a hybrid approach, incorporating “what’s on our plate” with other non-authorized projects (most notably Decomp and ENP Seepage Management)
  - Combined \$200M and \$300M scenarios into single IDS
  - Included both state and federal projects
- **Aug WG:** Discussed final revisions to initial IDS

# Development of Integrated Delivery Schedule

- Over the past year, scenarios developed based on different themes:
  - Sheetflow by 2020
  - Lake Okeechobee and Northern Estuaries
  - Optimizing Storage and Flexibility
  - “Finish What’s on our Plate”
  - Hybrid Approach

# Update

- **The initial IDS has been updated to reflect the July and August WG recommendations**
- **Broward County WPA and Picayune Strand projects were broken into smaller components**
- **DECOMP and ENP Seepage Management were pulled forward**
- **System Operating Manual requirements were added**

## Update (cont'd)

- **Federal cash flow has been updated and maximized to \$200M range**
- **The initial IDS reflects project construction through 2020**
- **Remaining project sequencing is still TBD**

# **“River of Grass” Acquisition**

- **In July, the WG recognized the importance of moving forward with planning, design, and construction of projects**
- **The initial IDS will be updated once decisions are made on the acquisition**
  - Expedited projects
- **The IDS will be a living document to be updated as required**

# Integrated Delivery Schedule

- Followed a hybrid approach, incorporating “what’s on our plate” with other non-authorized projects (most notably Decomp and ENP Seepage Management)
- Combined \$200M and \$300M scenarios into single IDS
- Included both State and Federal projects
- IDS contains sequencing to 2020

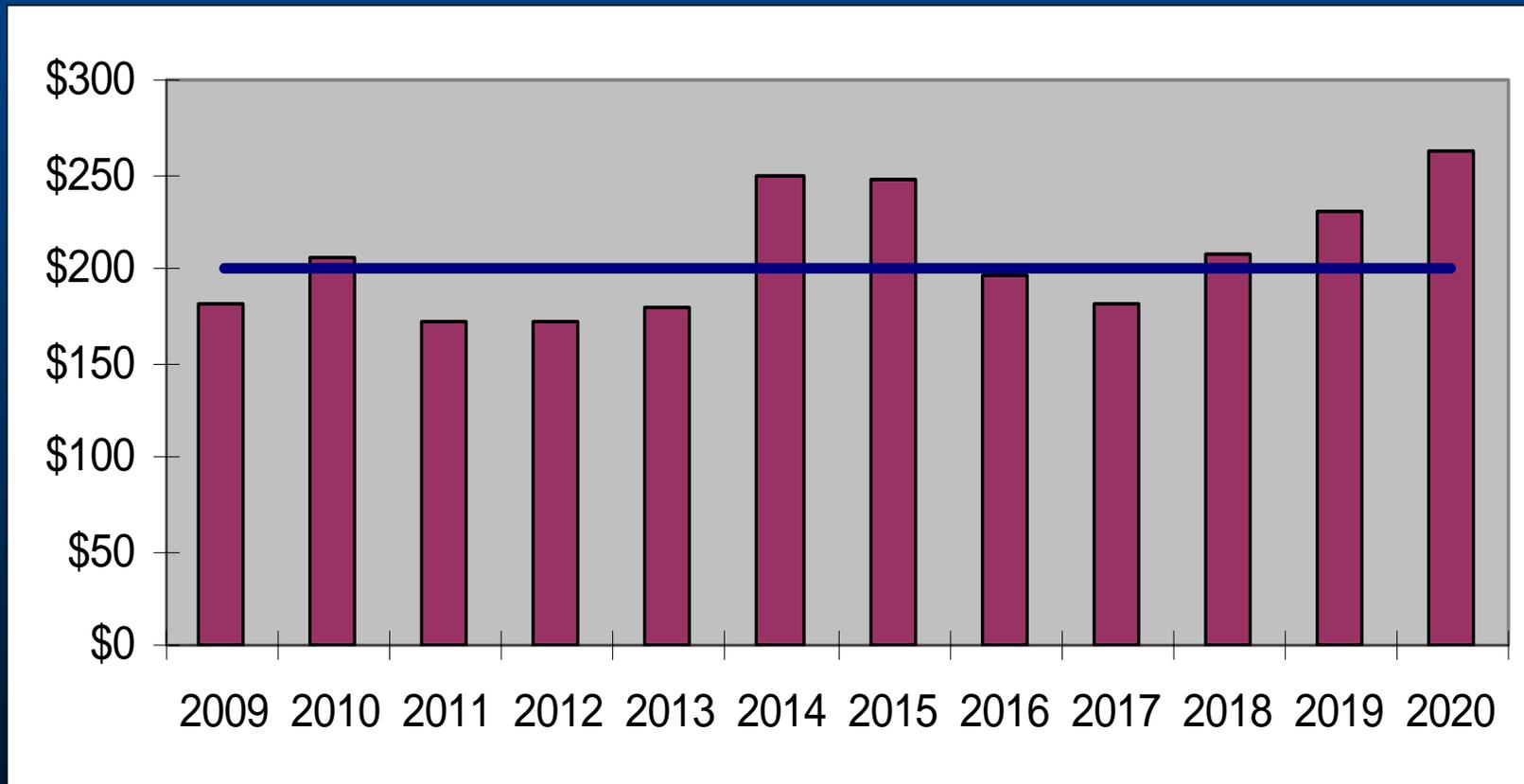
# Integrated Delivery Schedule Through 2020 (costs represent federal construction funding only)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Total Cost</b>	\$181	\$206	\$171	\$171	\$180	\$250	\$248	\$196	\$182	\$208	\$231	\$262
<b>CERP Planning and Design Cost</b>	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64
<b>Construction Cost</b>	\$117	\$142	\$107	\$107	\$116	\$186	\$184	\$132	\$118	\$144	\$167	\$198
Seminole Big Cypress	●	●										
West Palm Beach Canal/STA-1E	●	●										
C-111 South Dade	●			●								
Kissimmee River Restoration	●			●								
Modified Water Deliveries	●				●							
Picayune Strand Restoration - Merritt	●		●									
Site 1 Impoundment			●				●					
Broward County - C-11 Impoundment				●			●					
Decomp PIR 1					●			●				
ENP Seepage Management						●		●				
Picayune Strand Restoration - Faka Union							●		●			
Broward County - C-9 Impoundment								●			●	
Picayune Strand Restoration - Miller								●		●		
Decomp PIR 2										●	●	
Decomp PIR 3											●	●
Lake Okeechobee Watershed											●	●
Broward County - WCA 3A&3B Levee/S-356												●
Decomp Physical Model	●		●									
C-111 SC Design Test	●	●										
L-30 Seepage Management Pilot Project	●	●										
Herbert Hoover Dike Rehabilitation (see note 1)	●											
Long-Term Plan for Achieving Water Quality Goals in the Everglades Protection Area Projects (see note 2)	●							●				
EAA Reservoir Phase A-1 (see note 2)												
C-44 Reservoir/STA (see note 2)												
C-43 West Reservoir (see note 2)												
C-111 SC Phase 1 (see note 2)												
Biscayne Bay Coastal Wetlands Phase 1 (see note 2)												
Northern Everglades Projects (see note 2)												
Lakeside Ranch (see note 2)												
Project Colors (from previous IDS Project Matrix):		Foundation		Expedited CERP		Other CERP		CERP Pilot				

Note 1 : The construction costs are not included above.

Note 2 : Construction of these projects are currently planned to be led by SFWMD.

# Integrated Delivery Schedule Through 2020 (costs represent federal construction funding only)

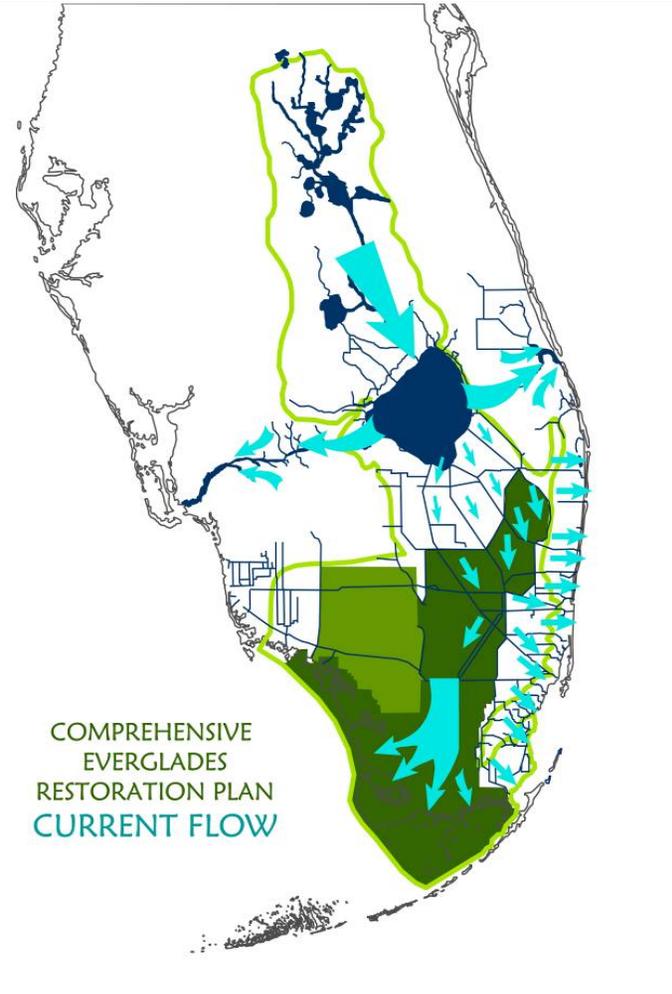


# Remaining Projects

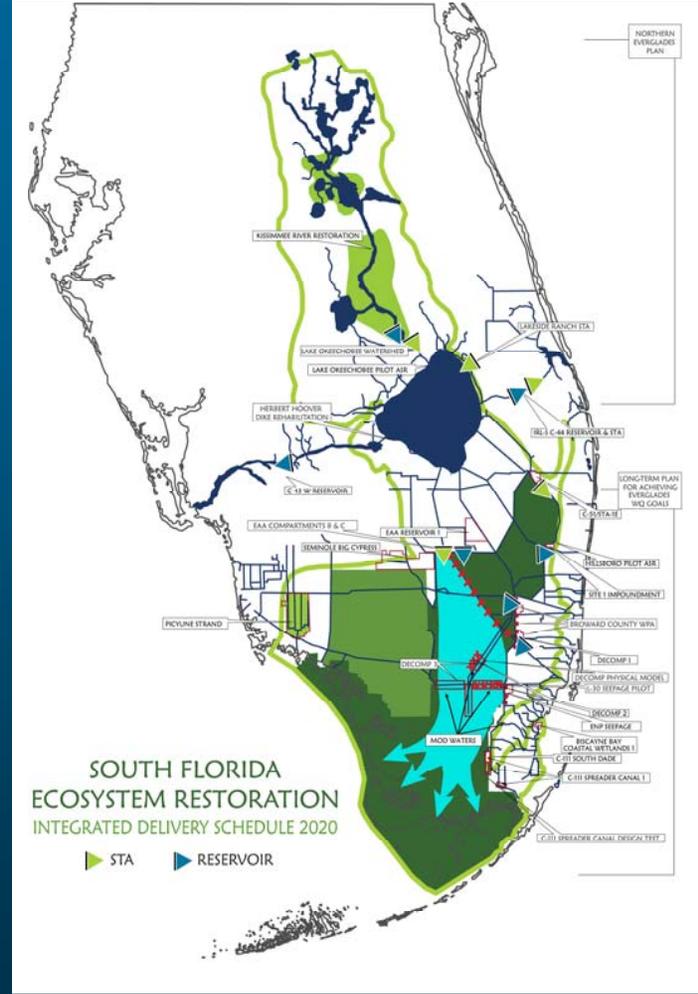
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
<b>Total Cost</b>															
<b>CERP Planning and Design Cost</b>	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64	\$64
<b>Construction Cost</b>															
IRL-South: C-23/C-24 North STA															
IRL-South C-23/24 North Reservoir															
IRL-South C-23/24 South Reservoir															
IRL-South C-23/24 South STA															
North Palm Beach County - Part 1 (Select Features)															
Winsberg Farm Restoration															
IRL South-Allapatah															
IRL South-North Fork Complex															
IRL South-Palmar Complex															
IRL South-Cypress Complex															
IRL South-C-25 STA & Reservoir															
IRL South-Muck Remediation															
North Palm Beach County - Part 1															
Big Cypress/L-28 Interceptor															
Biscayne Bay Coastal Wetlands - Phase 2															
C-43 ASR															
C-43 Basin Storage - Phase 2															
C-43 Watershed STA															
C-51 Backpumping & Treatments															
C-111 Spreader - Phase 2															
Caloosahatchee Backpumping															
Central Lake Belt															
EAA Storage Reservoirs - Phase 2															
Florida Keys Tidal Restoration															
Flows to East WCA															
Flows to NW & Central WCA															
Henderson Creek/Belle Meade															
Hillsboro ASR															
Lake Belt In-Ground Technology Pilot Project															
Lake Okeechobee ASR															
Lakes Park															
Lox. National Wildlife Refuge Internal Canal Structures															
Master Recreation Plan															
Miccosukee Water Mgt Plan															
N. Lake Belt Storage															
NPBC ASR															
PBC Ag Reserve															
PBC Ag Reserve ASR Reservoir															
SBC Water Cons Plan															
S. Miami Dade Reuse															
WCA 2B Flows to ENP															
W. Miami Dade Reuse															
Wastewater Reuse Pilot															
Caloosahatchee Estuary Technical Report															
CSOP															
EAA STA Expansions															
In-Lake Water Quality Treatment LOFT															
Kissimmee Basin Reevaluation Report															
Lake Okeechobee Regulation Schedule															
Lake Okeechobee Technical Report															
St. Lucie Estuary Technical Report															

**TO BE DETERMINED**

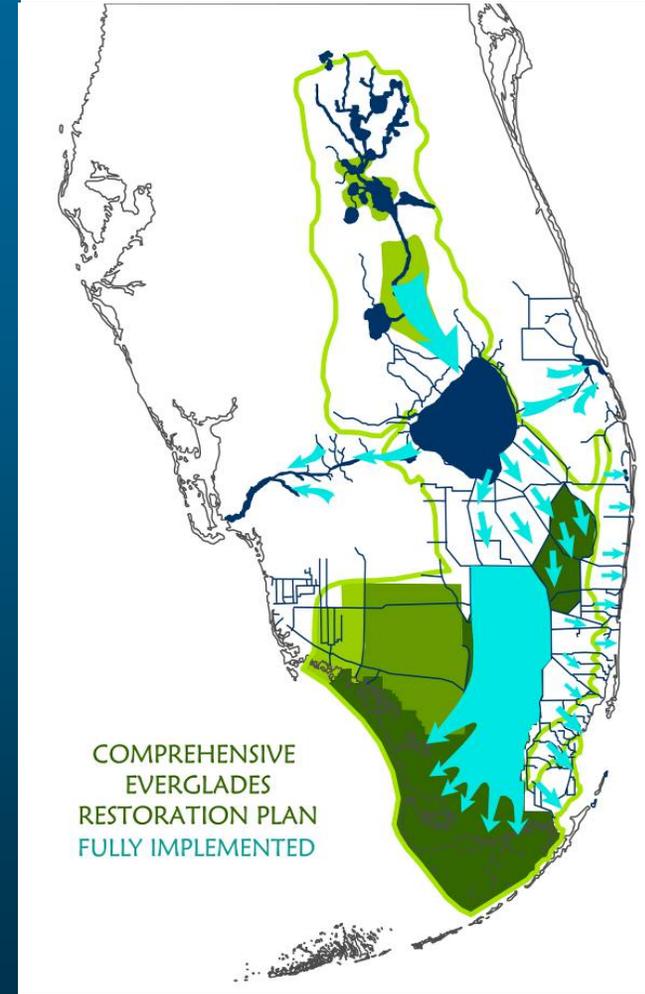
## CURRENT FLOW



## INTEGRATED DELIVERY SCHEDULE 2020



## FULLY IMPLEMENTED



# EVERGLADES RESTORATION

# Science and the IDS

- July Working Group and Science Coordination Group (SCG) Meeting
  - Agreed to continue to refine and improve linkage between science and the IDS
  - Recommended SCG and RECOVER work together on a coordinated effort
- Next Steps
  - Sep 25-26, 2008: Science Workshop with a broad community of scientists to help refine our understanding of ecosystem health and define areas of ecological urgency
  - Nov or Dec 2008: Science Workshop presenting efforts to date (such as: performance measures; Conceptual Ecological Models; Band 1; project modeling; Stoplight Restoration Reports); establishing next steps strategy for science deliverables and integration with the IDS and related implementation efforts

# Next Steps

- **Present the initial IDS to the TF in September for discussion**
- **Update MISP using initial IDS**

**Questions?**

