

# THE SOUTH FLORIDA ECOSYSTEM RESTORATION (SFER) INTEGRATED DELIVERY SCHEDULE (IDS) UPDATE

Kim Taplin / Megan Jacoby

June 5, 2018



US Army Corps  
of Engineers.



# HISTORY OF THE INTEGRATED DELIVERY SCHEDULE

## Yellow Book (1999)

- Contained implementation plan with GANTT chart showing sequencing of CERP projects
- 35+ Year implementation period
- Coordinated with stakeholders prior to inclusion in Yellow Book
- Based on annual funding level of \$200M Federal and \$200M non-Federal

## Master Implementation Sequencing Plan (MISP)

- Required by Programmatic Regulations
- To maximize the achievement of the goals and purposes of the plan at earliest possible time and in the most cost-effective way
- Completed in 2005, projects sequenced within 5-year bands
- Integrated foundation projects and other projects CERP depends upon to create an “**Integrated Delivery Schedule**” in 2008



US Army Corps  
of Engineers.



# PURPOSE OF THE INTEGRATED DELIVERY SCHEDULE (IDS)

Provides schedule and sequencing plan for achieving restoration benefits as soon as possible consistent with state and federal authorizations and funding

- Not an agency action or decision document
- Tool to provide guidance to decision-makers for scheduling, staffing, and budgeting
- Regular updates required in consultation with the South Florida Ecosystem Restoration Task Force and stakeholder input
- Living document, updated as needed to reflect progress and/or program changes



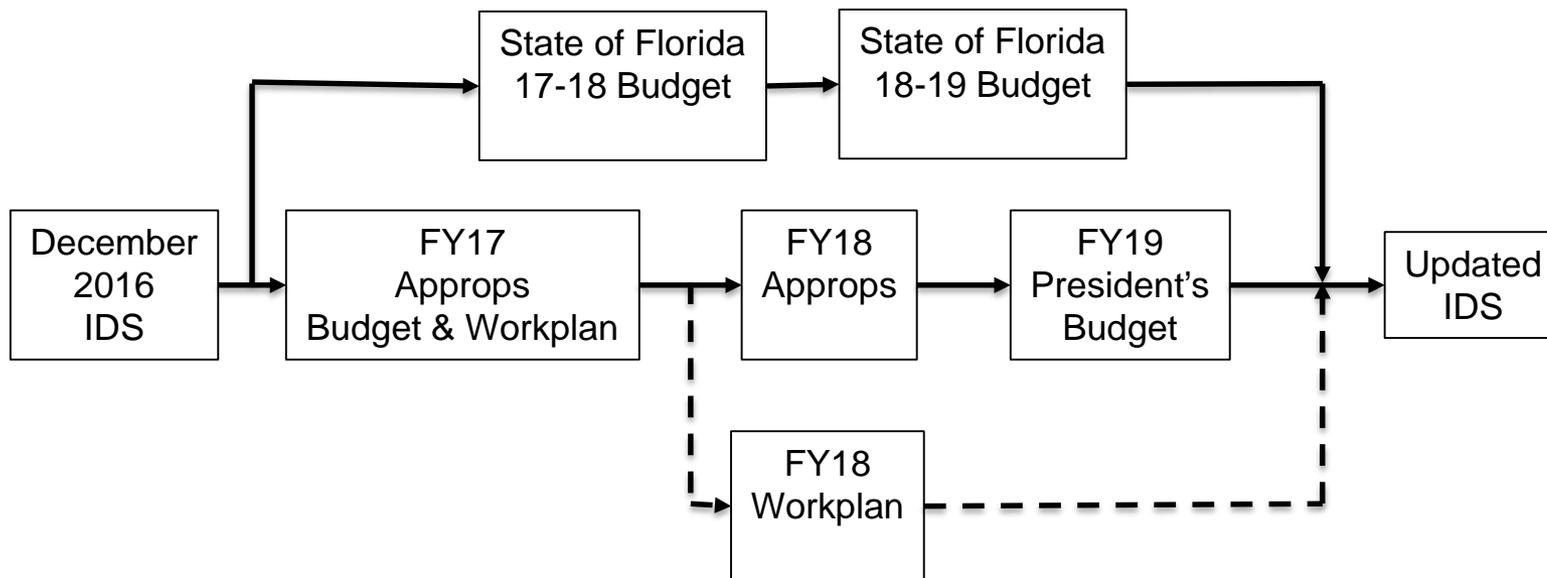
US Army Corps  
of Engineers.



# DECEMBER 2016 IDS

Project	Yellow Book Code	FISCAL YEAR																			
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Planning Estimates Federal Construction Cost (\$FER)**		126	106	190	147	143	217	207	206	223	213	196	210	154	161	109	0	0	0	0	0
Planning Estimates Non-Federal Construction Cost (\$NER)**		85	110	102	127	140	119	187	142	141	210	210	192	192	123	123	0	0	0	0	0
Planning Estimates Total Construction Cost (\$FER)**		211	216	292	274	283	336	394	348	364	423	406	402	346	284	232	0	0	0	0	0
Modified Water Deliveries to Everglades National Park*		000000	000000	000000																	
Herbert Hoover Dike*																					
Seminole Big Cypress*	OPE																				
Restoration Strategies*																					
Tamiami Trail Next Steps Phase 1*																					
Kissimmee River Restoration																					
West Palm Beach Canal/STA-1E																					
C-111 South Dade Contract S																					
C-111 South Dade Contract B																					
C-111 South Dade Contract P																					
C-111 South Dade PACR																					
Picayune Strand Restoration	OPE																				
Merritt Pump Station																					
Faka Union Pump Station																					
Manatee Mitigation and Flood Protection Features																					
Miller Pump Station																					
Road removal & canal plugging																					
Site 1 Impoundment	M																				
Phase 1																					
Indian River Lagoon-South																					
C-44 Intake Canal	B																				
C-44 Reservoir	B																				
C-44 STA & Pump Station	B																				
C-23/24 Reservoir North	B																				
C-23/24 Reservoir South	B																				
C-23/24 STA	B																				
C-25 Reservoir	B																				
C-25 STA	B																				
Natural Lands	B																				
Decomp Physical Model	Q																				
Caloosahatchee River (C-43) West Basin Storage																					
Pump Station and Reservoir	D																				
Broward County Water Preserve Areas																					
Northern Mitigation Area	Q																				
C-11 Impoundment	Q																				
WCA 3A&3B Seepage Management	O																				
C-9 Impoundment	R																				
Biscayne Bay Coastal Wetlands Phase 1	FFF, OPE																				
L-31 East Flowway																					
Cutler Wetlands																					
C-111 Spreader Canal Western Project (Requires PPA)	WW																				
Central Everglades Planning Project																					
PPA South- LRR & PPA Execution	AA, FF, H, QQ																				
Remove Old Tamiami Trail (EHP Preparing NEPA)																					
L-67A Structure 1 & Gap in L-67C Levee																					
Increase S-356																					
L-29 Gated Spillway																					
Increase S-333																					
L-67A Structures 2 & 3																					
Removal L-67C & L-67 Ext, Constr L-67D Levee																					
Removal L-29 Levee & Backfill L-67 Ext																					
PPA North	QQ, II, G																				
PPA New Water	V																				
Loxahatchee River Watershed Restoration Project	X, Y, K																				
Lake Okeechobee Watershed Restoration Project	A, GG																				
Western Everglades Restoration Project	CCC																				
EAA Storage & ASB/Decomp Ph2	G, GG																				
C-111 Spreader Canal Eastern & 88CW Ph2	WW, FFF																				
Lake Okeechobee Regulation Schedule Revision*																					
** Does not reflect budgetary development dollars or capability																					
*** Non-Federal	xxxx*																				
**** Federal	*****																				
* Funded through other program authorities or by other entities	X, Y, K																				
	A, GG																				
	CCC																				
	G, GG																				
	WW, FFF																				
	xxxx*																				
	*****																				
	X, Y, K																				
	A, GG																				
	CCC																				
	G, GG																				
	WW, FFF																				
	xxxx*																				
	*****																				
	X, Y, K																				
	A, GG																				
	CCC																				
	G, GG																				
	WW, FFF																				
	xxxx*																				
	*****																				
	X, Y, K																				
	A, GG																				
	CCC																				
	G, GG																				
	WW, FFF																				
	xxxx*																				
	*****																				
	X, Y, K																				
	A, GG																				

## South Florida Ecosystem Restoration Program:



## Related efforts funded through other program authorities or by other entities

- Herbert Hoover Dike (Corps)
- Modified Water Deliveries to Everglades National Park (DOI)
- Tamiami Trail Next Steps Bridging (DOI & State)
- Restoration Strategies (State)
- Cooperative Funding Agreements (State)
- Public Private Partnerships (State)
- Northern Everglades and Estuaries Protection Program (State)



# FY2018 IMPLEMENTATION UPDATE

## (CHANGES FROM DECEMBER 2016 IDS)

FY18 Allocation: USACE - \$76.5M/SFWMD - \$154M

### Completing Construction in next 2-3 years:

- Kissimmee River Restoration
- West Palm Beach Canal/STA1E
- C-111 South Dade

### Continue construction:

- Picayune Strand Restoration
- Indian River Lagoon South C-44 Reservoir
- Caloosahatchee River (C-43) Pump Station & Reservoir
- Biscayne Bay Coastal Wetlands Phase 1,
- Broward County Water Preserve Area

### Design efforts:

- Indian River Lagoon-South C-23/24 North Reservoir
- Removal of Old Tamiami Trail
- Increase S-333 (S333N)

### Project Implementation Reports:

- CEPP South Validation Report
- Loxahatchee River Watershed Restoration Project
- Lake Okeechobee Watershed Restoration Project
- Western Everglades Restoration Project
- Complete the EAA Storage Reservoir Report (Section 203)

Initiate C-111 South Dade Post Authorization Change Report

Other modifications: extended construction completion due to weather delays, contractor delays, Hurricane and extreme weather impacts, funding constraints

### Funded through other program authorities or by other entities:

- Modified Water Deliveries to Everglades Park (DOI)
- Herbert Hoover Dike (Corps)
- Restoration Strategies (SFWMD)
- Tamiami Trail Next Steps Phase 2 (DOI & State)



US Army Corps  
of Engineers.



# FY2019 POTENTIAL IMPLEMENTATION CHANGES

POTENTIAL FY19 Funding: USACE - \$67.5M/SFWMD - \$215M

Completing Construction in next 2-3 years:

- Kissimmee River Restoration

Continue construction:

- Indian River Lagoon South C-44 Reservoir
- Caloosahatchee River (C-43) Pump Station & Reservoir
- Biscayne Bay Coastal Wetlands Phase 1
- Removal of Old Tamiami Trail
- Increase S-333 (S333N)

Design efforts:

- EAA Storage Reservoir Report (Section 203)

Funded through other program  
authorities or by other entities:

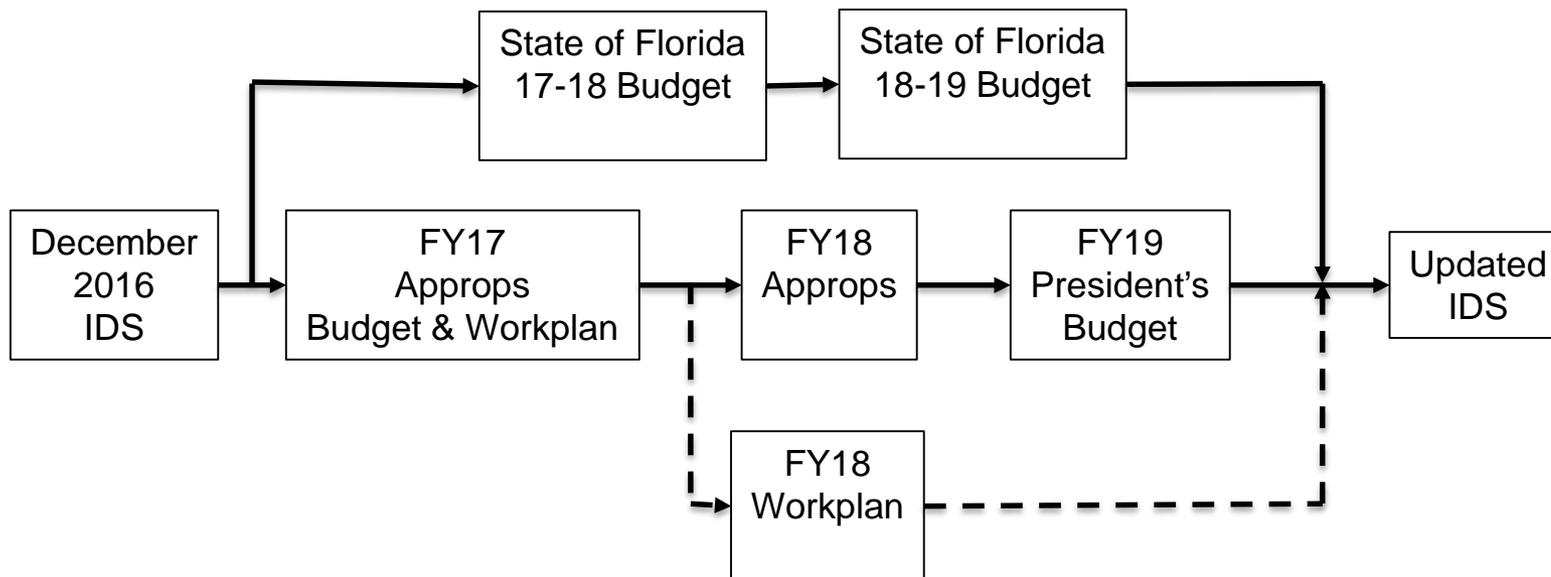
- Modified Water Deliveries to Everglades Park (DOI)
- Herbert Hoover Dike (Corps)
- Restoration Strategies (SFWMD)
- Tamiami Trail Next Steps Phase 2 (DOI & State)



US Army Corps  
of Engineers.



## South Florida Ecosystem Restoration Program:



## Related efforts funded through other program authorities or by other entities

