

Central EVERGLADES Planning Project



*Restoring the Heart
of the Everglades*

Water
Resources
Accountability
& Collaboration
Public Forum

CEPP South

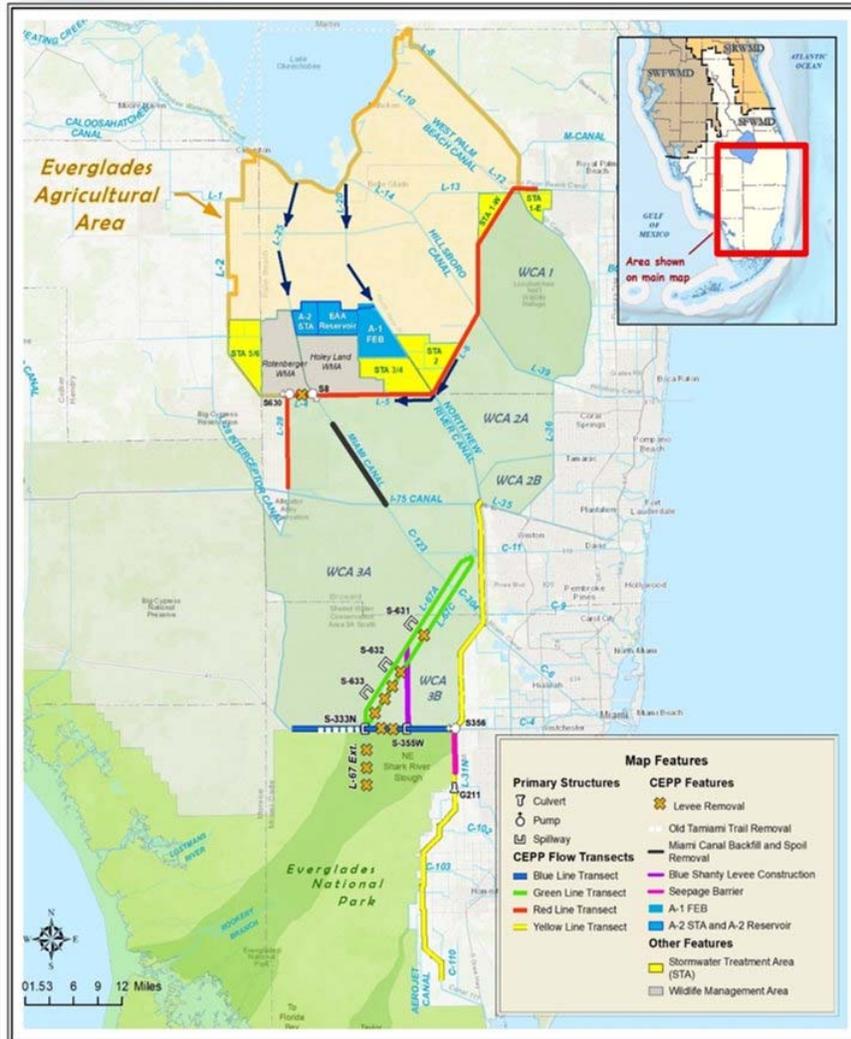
Leslye Waugh
Project Manager

August 27, 2020

Central Everglades Planning Project

- Purpose of CEPP is to improve the quantity, quality, timing, and distribution of water flows from Lake Okeechobee to the central Everglades, Everglades National Park, and Florida Bay while maintaining flood control and water supply for existing legal users
 - Decreases damaging discharges to the northern estuaries
 - Increases restoration flows to the Everglades
- The project details can be found in the following planning documents:
 - Project Implementation Report (2014)
 - Post Authorization Change Report (2018)
 - Environmental Impact Statement (2020)

Central Everglades Planning Project Features

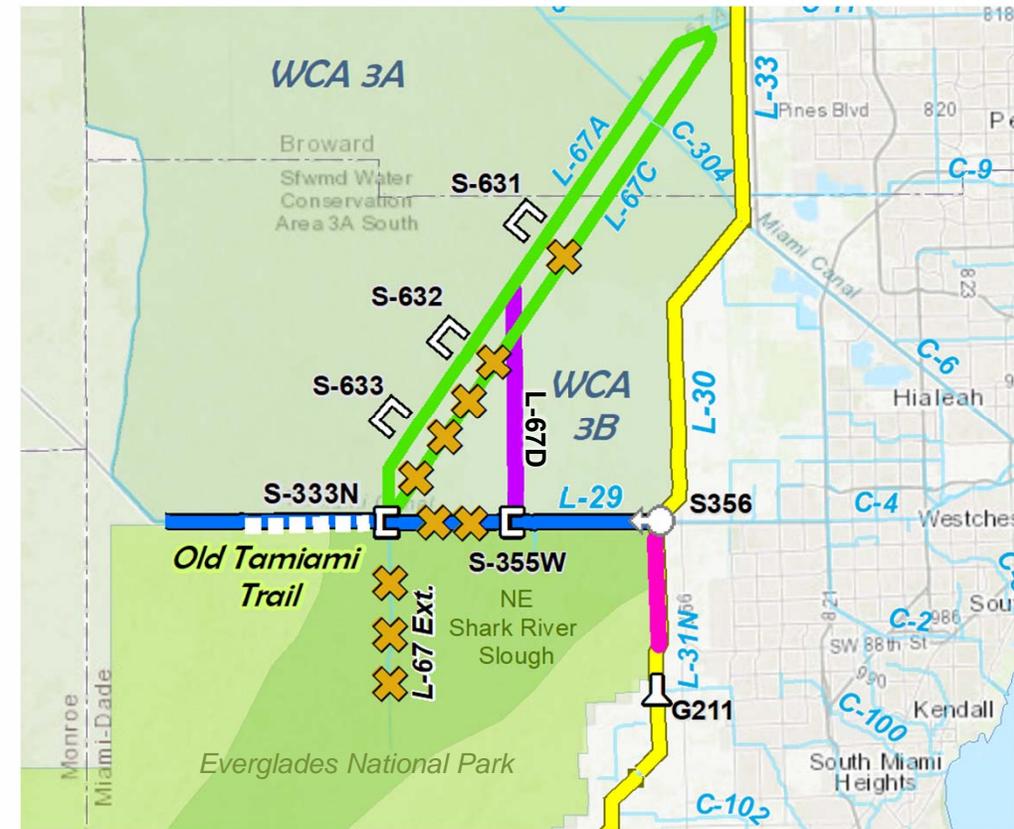


- Authorized in WRDA 2016 and WRDA 2018
- CEPP New Water
 - EAA Reservoir and A-2 STA (replaced A-2 Flow Equalization Basin)
 - Miami and North New River Canal Conveyance Improvements
 - Seepage Barrier, L-31N Levee
- CEPP North
 - L-6 Canal Flow Diversion
 - L-5 Canal Conveyance Improvements
 - S-8 Pump Station Complex Modifications
 - L-4 Levee Degrade and Pump Station
 - Miami Canal Backfill
- CEPP South
 - S-333 Spillway Modification
 - L-29 Canal Gated Spillway
 - L-67A Conveyance Structures
 - L-67C Levee Degrade and Gap
 - Blue Shanty Levee, WCA-3B
 - L-29 Levee Degrade
 - L-67 Extension Levee Degrade and Canal Backfill
 - Old Tamiami Trail Removal
 - S-356 Pump Station Modifications
 - Systemwide Operations Refinements

Presenter: Leslye Waugh

CEPP South Features

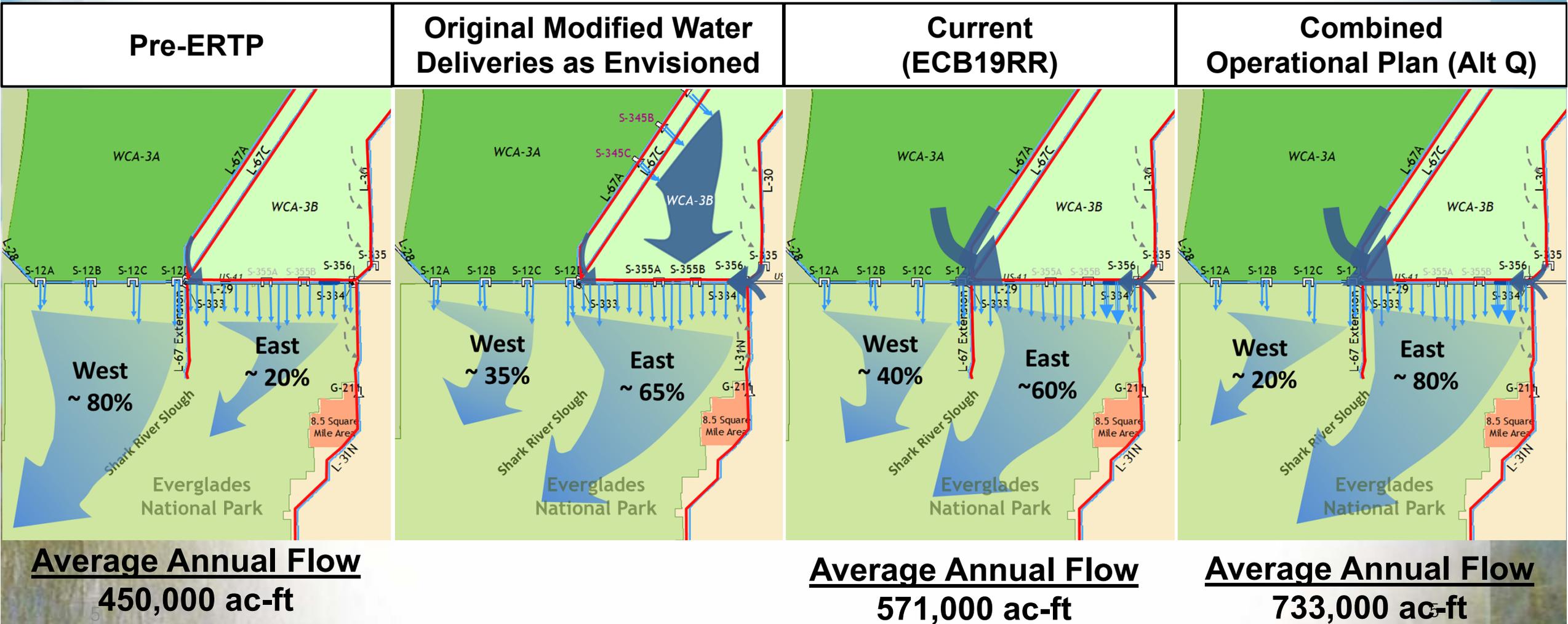
- CEPP South
 - L-67A Culverts (S-631, S-632 & S-633) 500 cfs each
 - L-67C Levee Degrade 8 miles and Gap 6,000-ft
 - L-67D Blue Shanty Levee 8 miles
 - L-29 Levee Degrade 4 miles
 - S-333N Spillway 1,150 cfs
 - S-355W Spillway 1,230 cfs
 - S-356 Pump Station 1,000 cfs
 - Old Tamiami Trail Removal 5.45 miles
 - L-67 Extension Levee Degrade and Canal Backfill 5.5 miles



Presenter: Leslye Waugh

Placeholder

Will have version for CEPP South with ECB & CEPP South Alt3
 Changes to Volume and Distribution of Flows to Shark River Slough



2019 Integrated Delivery Schedule

Project	Yellow Book Components	FISCAL YEAR (dollars in millions)													
		2018 W \$7	2019 \$24	2020 W \$165	2021 \$290	2022 W \$517	2023 \$605	2024 W \$604	2025 \$571	2026 W \$402	2027 \$275	2028 W \$0	2029 \$0	2030 W \$0	
Central Everglades Planning Project	AA, FF, H, QQ, P1, G														
Decomp Physical Model	QQ	.....	.....	.....	.....						
CEPP South: Additional outlet structures needed to move more water south	AA, FF, H, QQ														
Validation Report			.....											
Remove Old Tamiami Trail (ENP Preparing NEPA)			.....	.....	.....							
Structure S-631 & gap in L-67C Levee and Structure S-633 with gap in L-67C			.....	.....	.....	.....	.....	.....	.....	.....
Increase S-356 Pump Station				.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spillway S-355W					.....	.....	.....	.....	.....	.....	.....	.....	.....
Structure S-333N		.....	.....	.....	.....						
Structure S-632				.....	.....	.....	.....	.....	.....	.....
Removal L-67C & L-67 Ext, Constr L-67D Levee						.....	.....	.....	.....	.....	.....	.....	.....
Removal L-29 Levee & Backfill L-67 Ext							.....	.....	.....	.....	.....	.....	.....
CEPP North: Inflow facilities needed to restore northern															
WCA-3A and move additional water south to Everglades	QQ, II														
Validation Report					.....	.....							
L-4 Degrade & Pump Station S-630					.....	.....	.....	.....	.....	.....	.....	.....	.....
S-8 Pump Station Modifications					.....	.....	.....	.....	.....	.....	.....	.....	.....
Miami Canal Backfill/Tree Islands						.....	.....	.....	.....	.....	.....	.....	.....	.....
L-5 Canal Improvements						.....	.....	.....	.....	.....	.....	.....	.....	.....
L-6 Diversion					.....	.....	.....	.....	.....	.....	.....	.....	.....
CEPP New Water: Moves New Water South, Stores It, and Treats It Before Going to the Everglades	G, V, C, E														
Validation Report			.....	.....									
Seepage Barrier L-31N			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canal Conveyance Improvements - Miami and North New River			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAA Reservoir - A-2 STA, Inflow-Outflow Canal, and Bridge			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAA Reservoir - A-2 STA			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAA Reservoir - Inflow-Outflow Canal, Bridges, Spillway				.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAA Reservoir - Inflow Pump Station				.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAA Reservoir: Cutoff Wall, Culverts & Embankment				.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Presenter: Leslye Waugh

SFWMD Expedited Features

- S-333N under construction
- Expected completion in September 2020
- OTT Road Removal underway
- FPL powerline removal August 2020
- Expected completion by January 2020



Presenter: Leslye Waugh

Thank You

The U.S. Army Corps of Engineers Jacksonville District is hosting a virtual public meeting at 2:00 p.m. today to share information about progress on CEPP South via webinar and teleconference. Instructions to join can be found at the following link:

www.saj.usace.army.mil/CEPPSouth/