

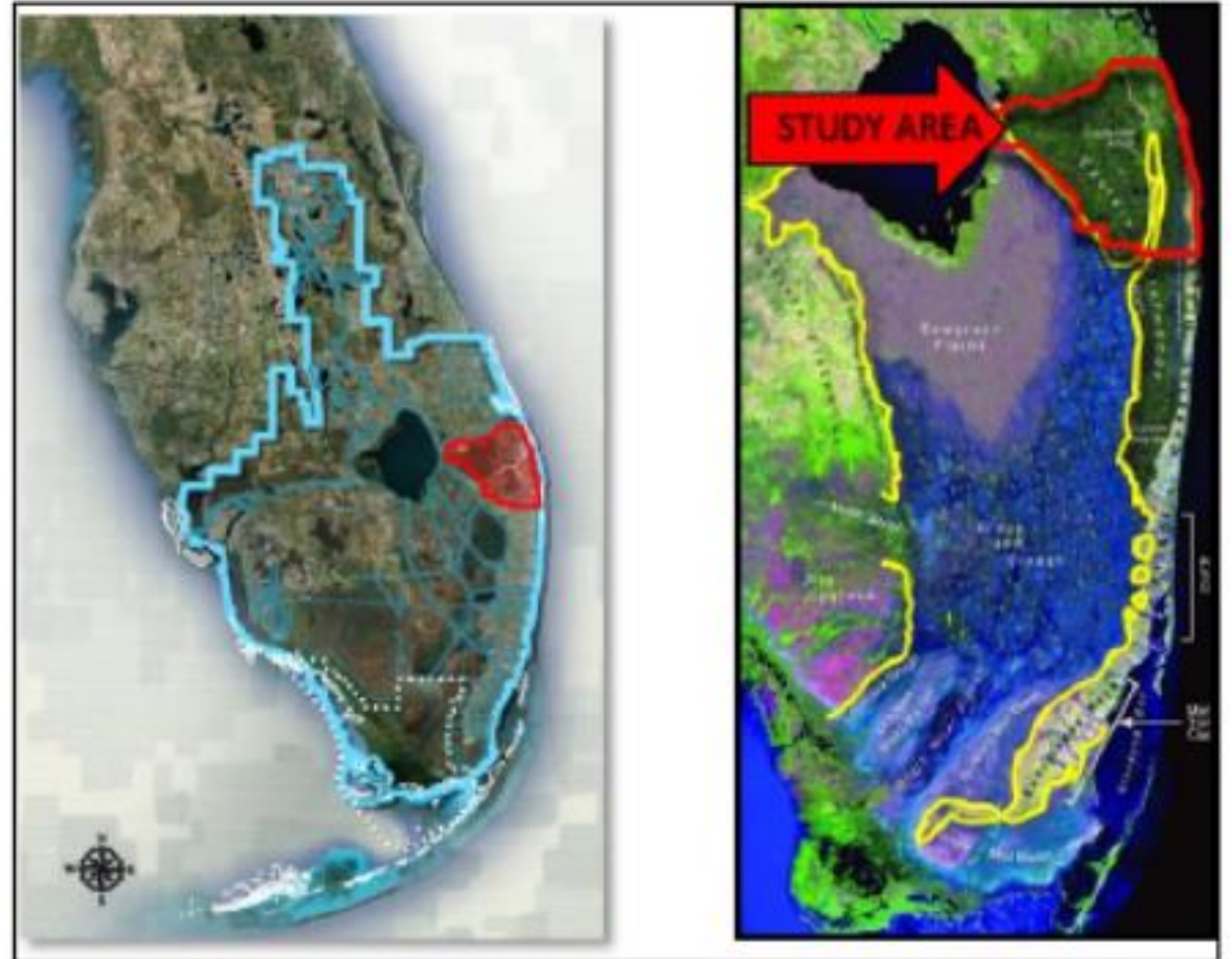
Lainhart Dam on
Loxahatchee River

Loxahatchee River Watershed Restoration Project (LRWRP) Project Update

**Jennifer Leeds, Bureau Chief
Ecosystem Restoration Planning
Palm Beach County Water Resources Task Force Meeting
August 18, 2022**

LRWRP Study Area

- LRWRP study area is ~480,000 acres (~750 mi²)
- Current land use
 - Highly urbanized in east
 - Natural areas/open land and water in west and north
- Historically dominated by mosaic of wetlands, uplands and sloughs



Authorized Plan: Alt 5R

Flow Way 3

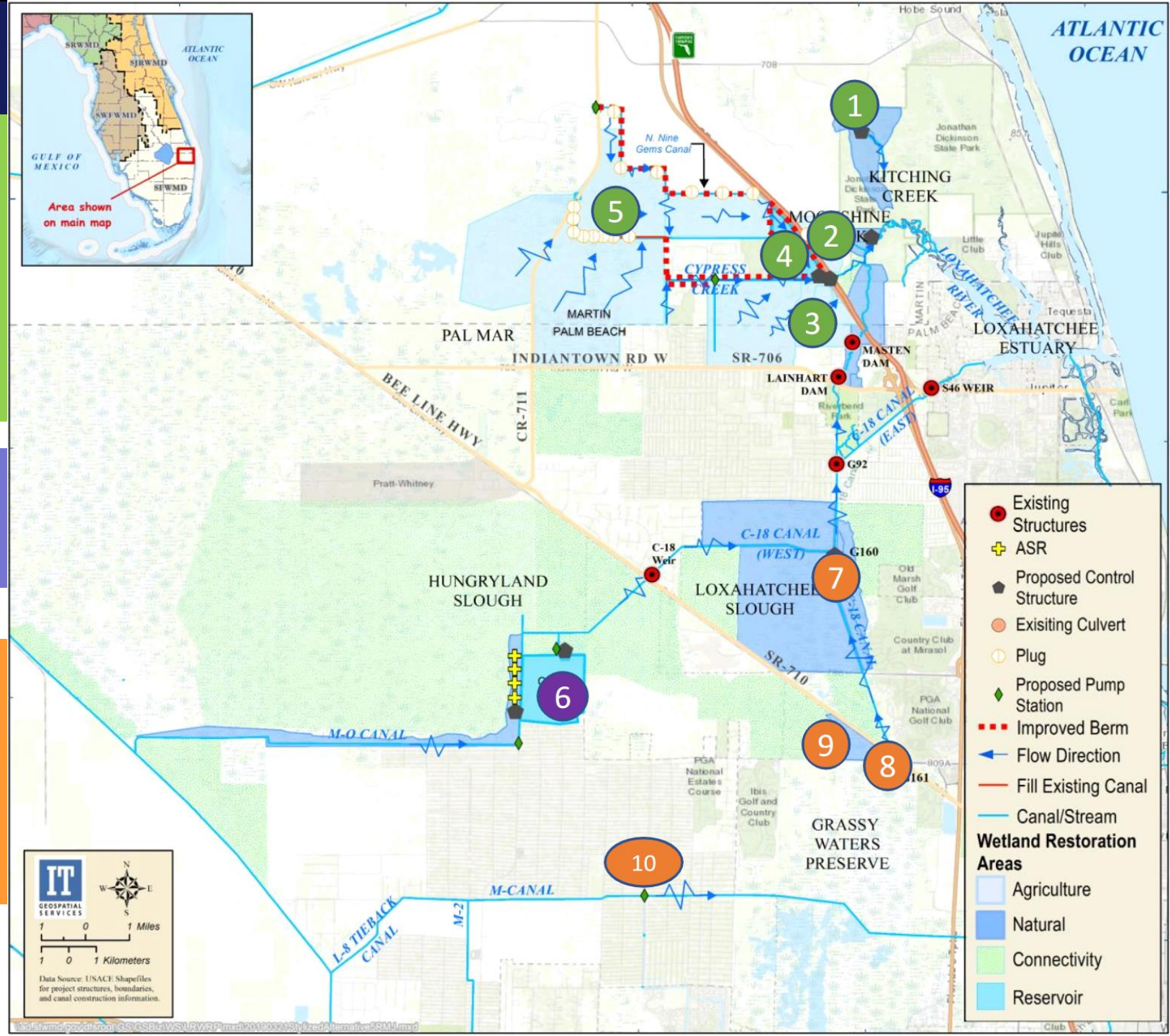
- 1 - Kitching Creek
- 2 - Moonshine Creek/Gulfstream East
- 3 - Cypress Creek Canal
- 4 - Gulfstream West
- 5 - Palmar East

Flow Way 2

- 6 - C-18W Impoundment (9,500 ac/ft & 4 ASR wells)

Flow Way 1

- 7 - G-160 Structure
- 8 - G-161 Structure
- 9 - Grassy Waters Triangle
- 10 - M-1 Pump Station



Overall Project Status

Tasks Completed:

- Project authorized by Congress – Water Resources Development Act 2020
- Restricted Allocation Area (RAA) rulemaking – June 2022
- Pre-partnership Credit Agreement (PPCA) – July 2022

Tasks Underway:

- Update Integrated Delivery Schedule (IDS) – October 2022
- Execute Project Partnership Agreement (PPA) – June 2023



Project Status per Flow-way

Flow-way 3

- Agreements and stakeholder engagement – Ongoing
- Permitting, Cultural Resources Surveys and Environmental Site Remediation - Ongoing
- Execute design contract - August 2022
- Begin construction of first project feature (clearing & grubbing at Gulfstream East) – April 2023
- Design and construction to run concurrently for Flow-way 3 project features

Flow-way 2

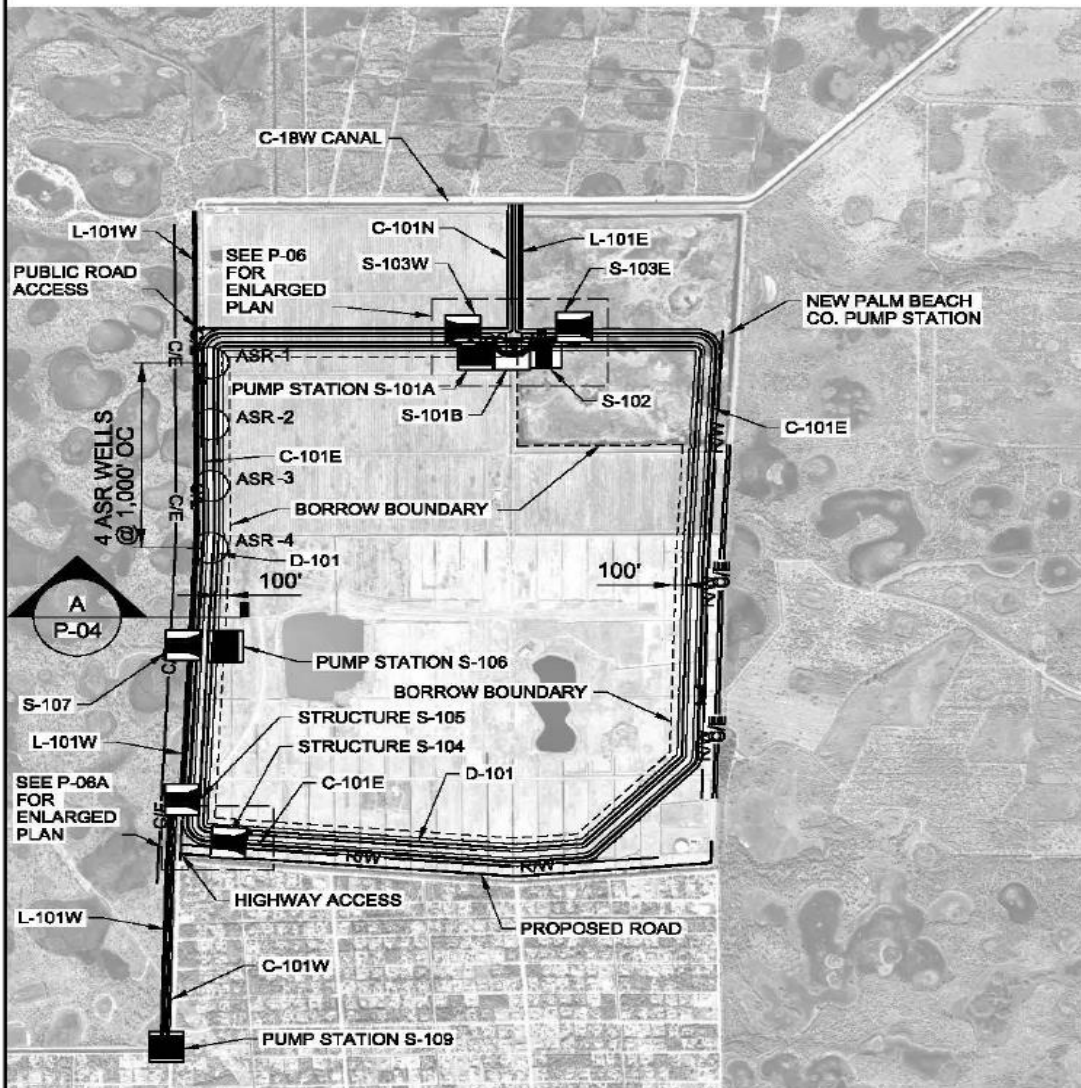
- Agreements and stakeholder engagement – Ongoing
- Complete Seminole Pratt & Whitney Road improvement (FWC) – Sept 2022
- Execute design contract for C-18W Impoundment – December 2022

Flow-way 1

- Agreements and stakeholder engagement – Ongoing

Flow-way 2 Project Features

C-18W IMPOUNDMENT SITE PLAN



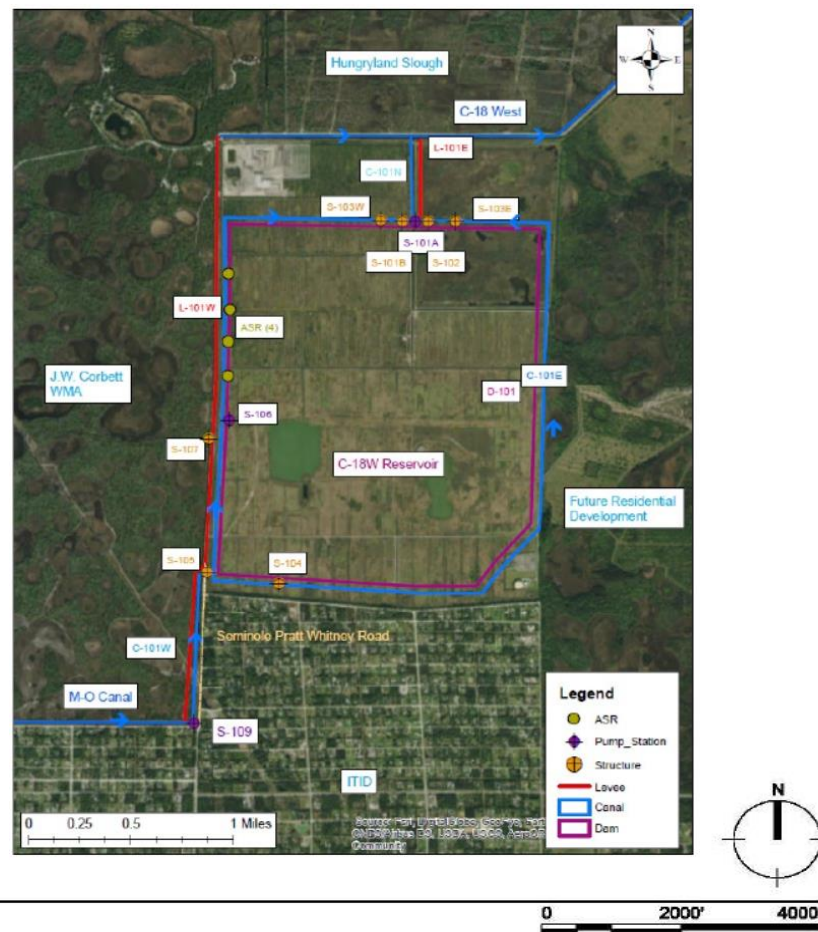
LEGEND

- GATED CULVERT
- GATED SPILLWAY
- PUMPING STATION
- WIER
- EMERGENCY SPILLWAY
- ASR ASR WELL



U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
JACKSONVILLE, FLORIDA

C-18W IMPOUNDMENT STRUCTURES AND FLOWS



- Legend**
- ASR
 - Pump Station
 - Structure
 - Levee
 - Canal
 - Dam

CENTRAL AND SOUTHERN FLORIDA PROJECTS
COMPREHENSIVE EVERGLADES RESTORATION PROJECT
**LOXAHATCHEE RIVER
WATERSHED RESTORATION**
C-18W RESERVOIR SITE PLAN

PLATE NO.
P-02














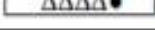




Project Schedule

INTEGRATED DELIVERY SCHEDULE 2021 UPDATE **FINAL DRAFT**

SOUTH FLORIDA ECOSYSTEM RESTORATION | CENTRAL AND SOUTHERN FLORIDA COMPREHENSIVE EVERGLADES RESTORATION PLAN

PROJECT LOCATOR	YELOW BOOK COMPONENTS	PROJECT	FISCAL YEAR DESIGN AND CONSTRUCTION COSTS (DOLLARS IN MILLIONS) ²												
			2020 W	2021	2022 W	2023	2024 W	2025	2026 W	2027	2028 W	2029	2030 W	2031	2032W
		Planning Estimates Federal Construction Cost (SFER)++	\$ 235	\$ 250	\$ 350										
		Planning Estimates Non-Federal Construction Cost (SFER)++	\$ 363	\$ 258	\$ 329	\$ 828	\$ 814	\$ 964	\$ 1,275	\$ 983	\$ 731	\$ 468	\$ 256	\$ 154	\$ 88
		Planning Estimates Total Construction Cost (SFER)++	\$ 598	\$ 508	\$ 679										
CERP GENERATION 4 (AUTHORIZED IN WRDA 2020; PPA ANTICIPATED IN 2022)															
P16	K, OPE	Loxahatchee River Watershed Restoration Project			●●●●●										
		Flow-way 1 (M-1 Canal, G160/161, Grassy Water Preserve)				●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●				
		Flow-way 2 (C-18 Reservoir, ASR Wells)				●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	
		Flow-way 3 (Gulf Stream West, Nine Gems, Culpepper, Moonshine, Hobe Grove, Kitching Creek)			●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	

	Non-federal		Does not reflect budgetary development dollars or capability		Design, PPA Execution, Real Estate Acquisition
	Federal		Expected WRDA year		Construction (Initiated by award of construction contract)
	Fiscal Closeout		Project Implementation Report		Operational Plan
	Monitoring		Project Implementation Report with Exemption		Operational Testing and Monitoring Period

Discussion

Loxahatchee River in
Palm Beach County