

Program & Project Update

South Florida Ecosystem Restoration Task Force

April 25, 2024

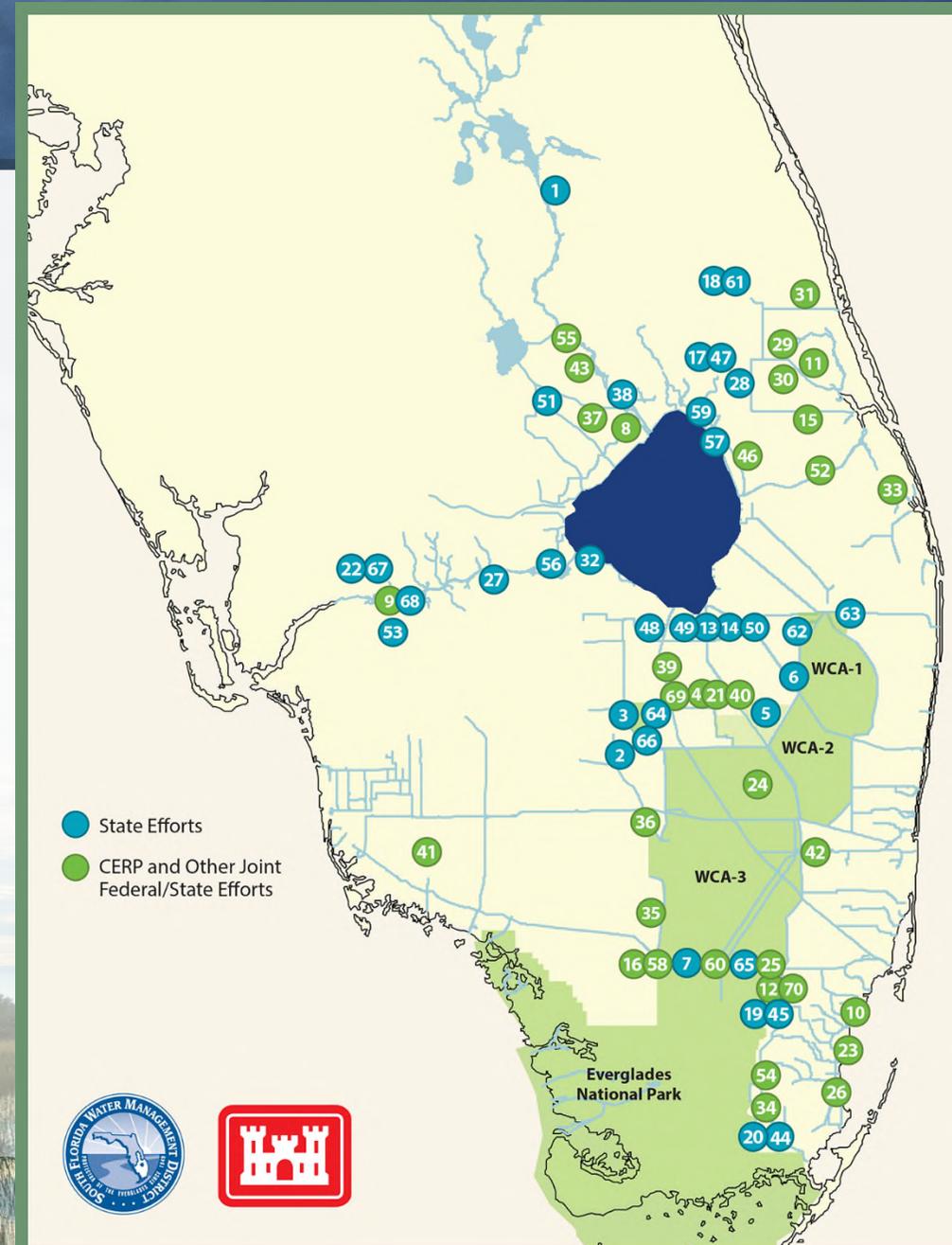
Mindy Parrott
Principal Federal Policy Analyst
Ecosystem Restoration Division

Ecosystem Restoration Programs

- Federal Projects
 - CERP & Foundation Projects

- State & Local Projects
 - Everglades Stormwater Treatment Areas (STAs)
 - Northern Everglades and Estuaries Program
 - Dispersed Water Management
 - Local Project Grants

- 2024 SFER: sfwmd.gov/sfer

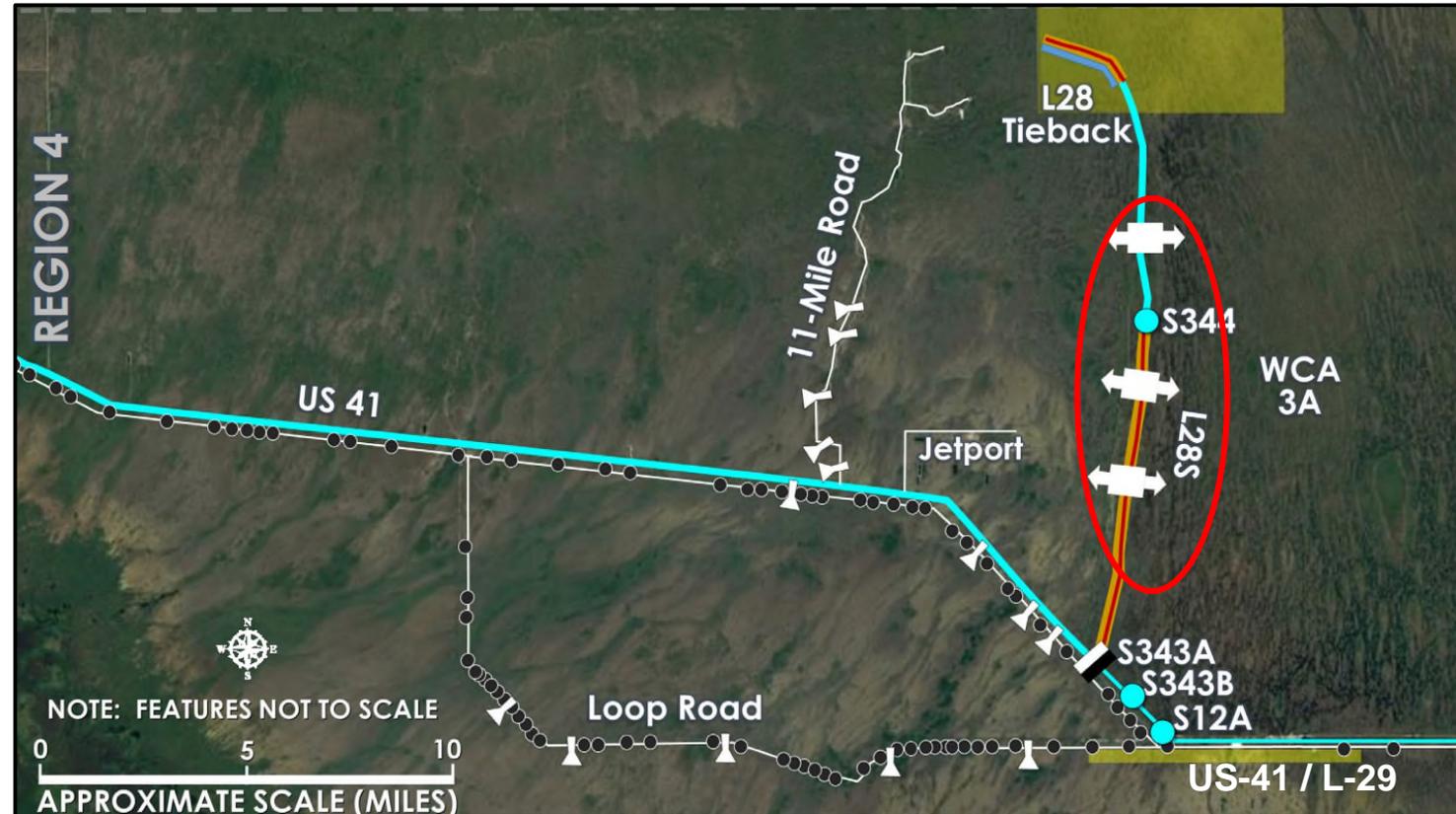


Achieving Even More Now

- FY24: \$668M for Everglades Restoration, \$574M for CERP
- FY25: \$740M for Everglades Restoration, \$664M for CERP
- Complete CEPP construction:
 - Everglades Agricultural Area (EAA) STA
 - New Water Seepage Barrier (5 miles)
 - CEPP North S-620
- Begin construction on 5 CERP project features
- Complete LOCAR and WERP planning studies for inclusion in the Water Resources Development Act of 2024

Reconnecting WCA-3 to the Western Everglades (WERP- Region 4)

- Executed a Pre- Partnership Credit Agreement (PPCA) for Region 4
- In December, Governing Board authorized contract to build 3 culverts in the L-28S levee
- SFWMD is also designing additional culverts under Tamiami Trail, Loop Road and 11 Mile Road
 - Additional modeling and data collection to support design
 - Coordination with FDOT



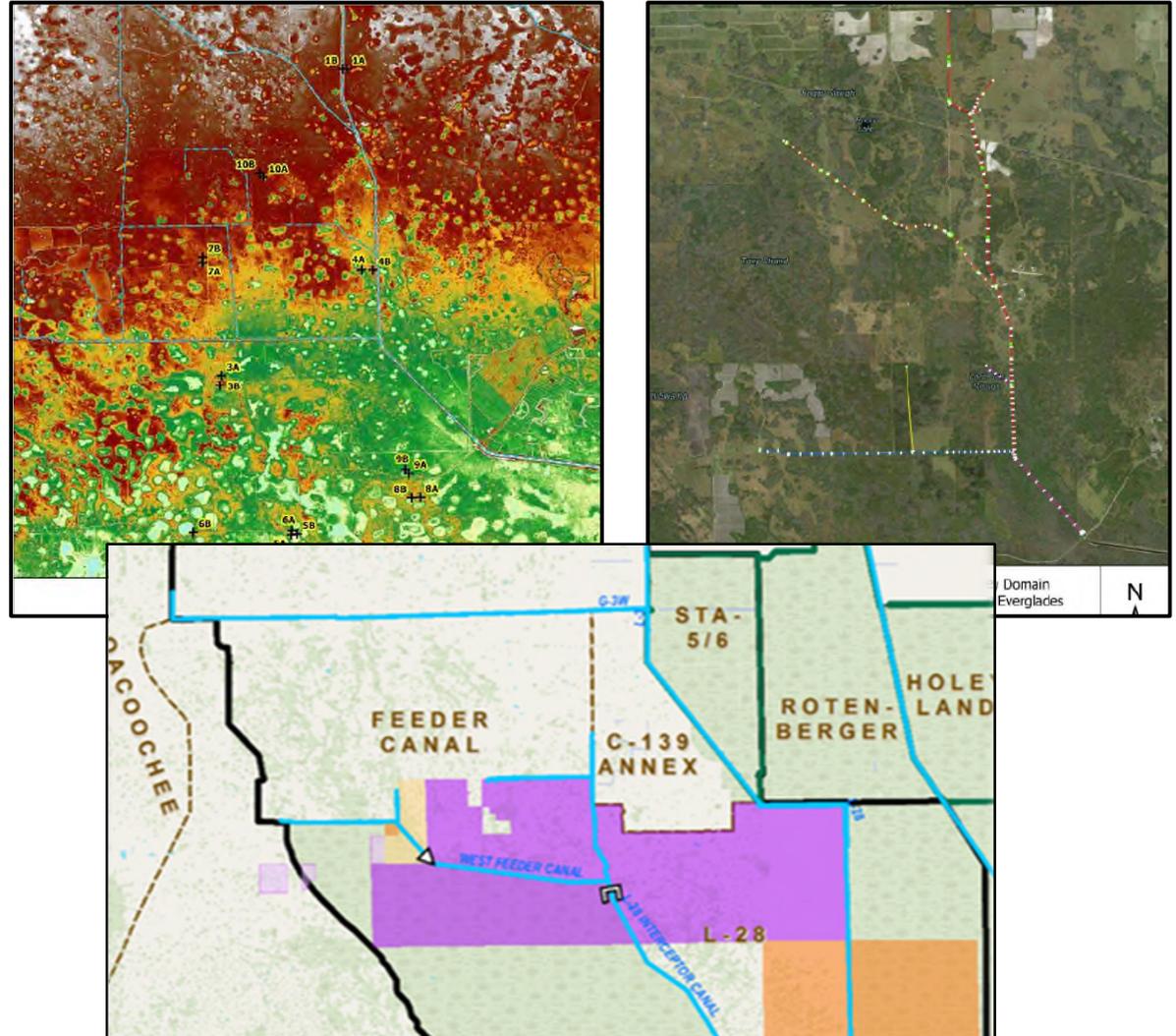
Collecting Data and Refining Models WERP- Region 2

WERP Pre- Design Engineering

- Survey data collection and ground truthing
- Refined model development
- Engage stakeholders on project effects as additional data is available

Feeder Basin Water Quality Program

- Precursor for WERP
- Collaborate with landowners
- Initiate WQ data collection
- Conceptual project planning



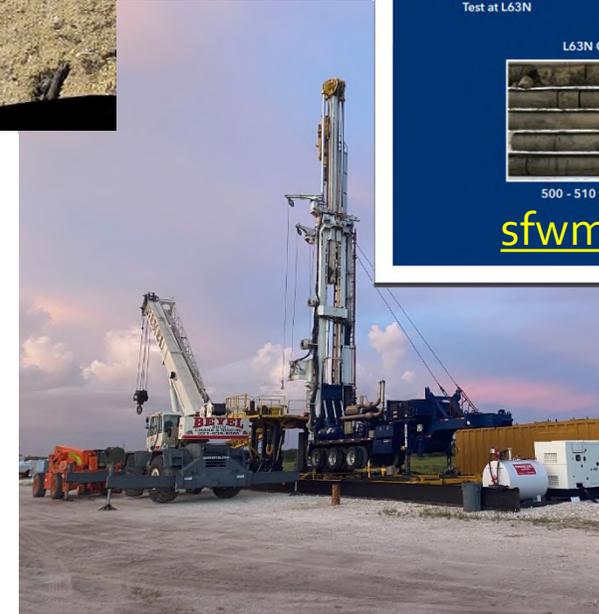
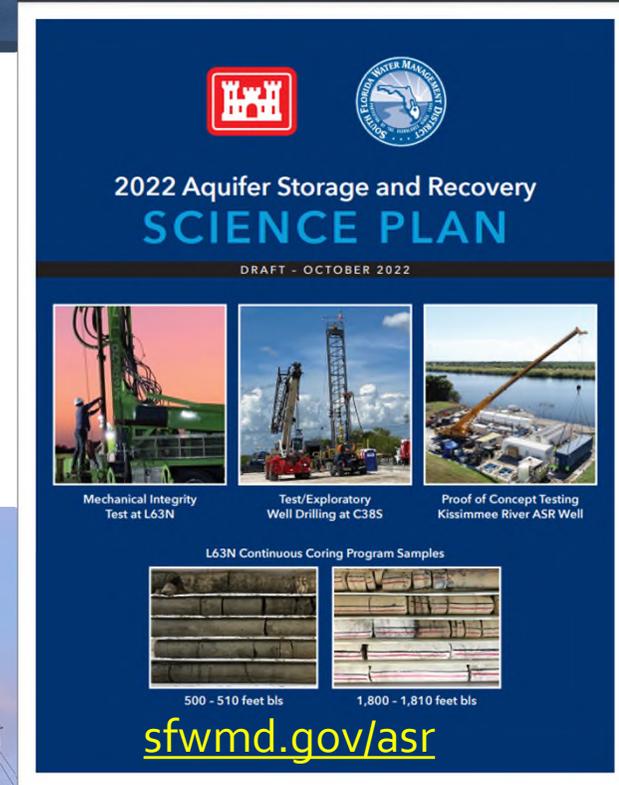
Presenter: Mindy Parrott

Aquifer Storage & Recovery for Lake Okeechobee- LOWRP



Aquifer performance testing C-38 complete

- ASR Construction continues, Test Wells 1 & 2 at C-38S and C-38N are complete.
- Design is underway for the C-38 Demonstration Facility
- SFWMD Governing Board approved an updated agreement with USACE Engineer Research Development Center (ERDC) including \$4.3M to address ASR uncertainties
- ASR Science Plan Update 2 expected Fall 2024



Lake Okeechobee Watershed



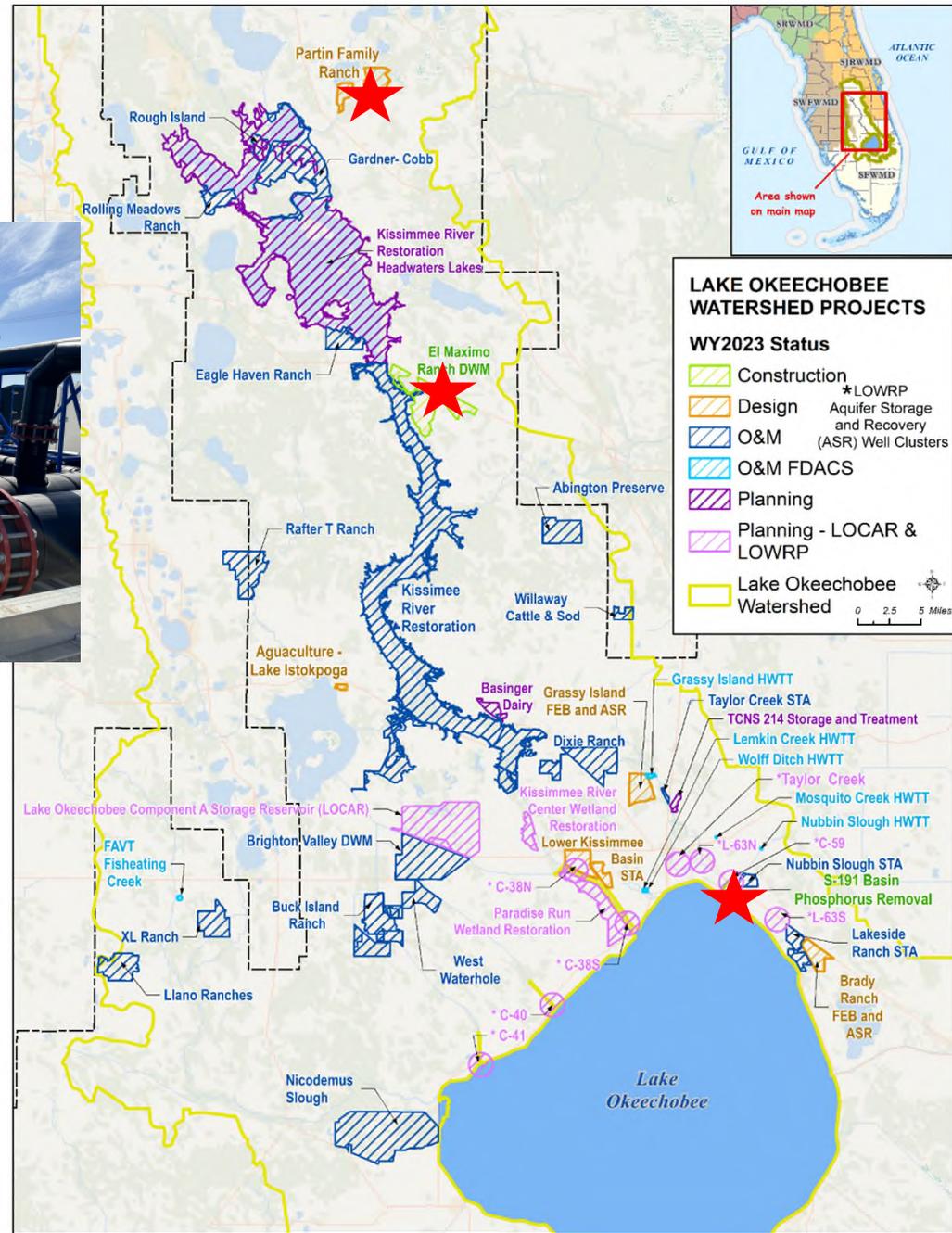
El Maximo Ranch



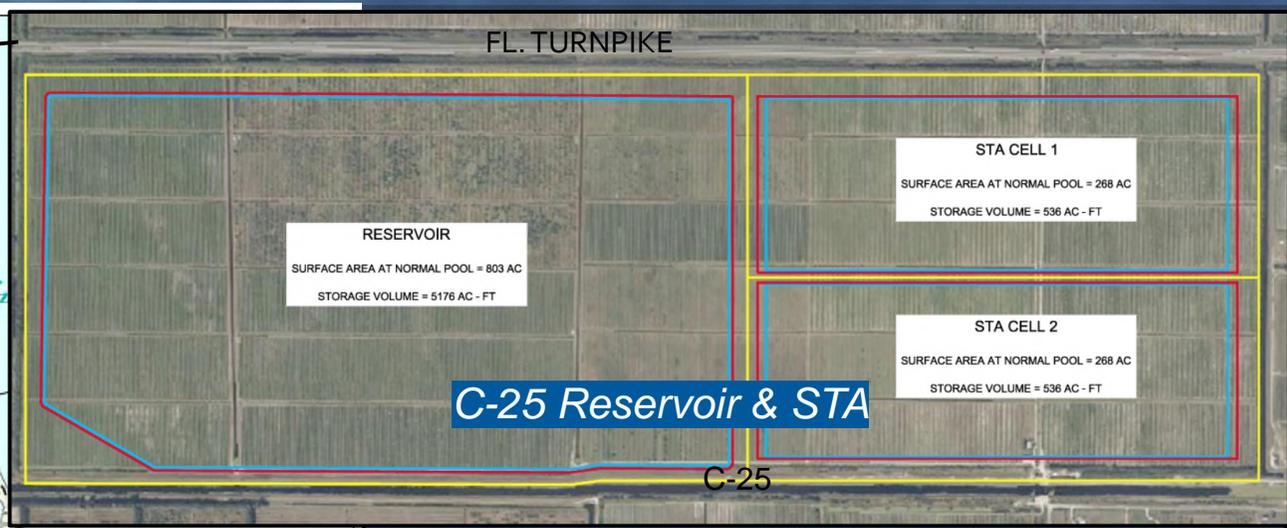
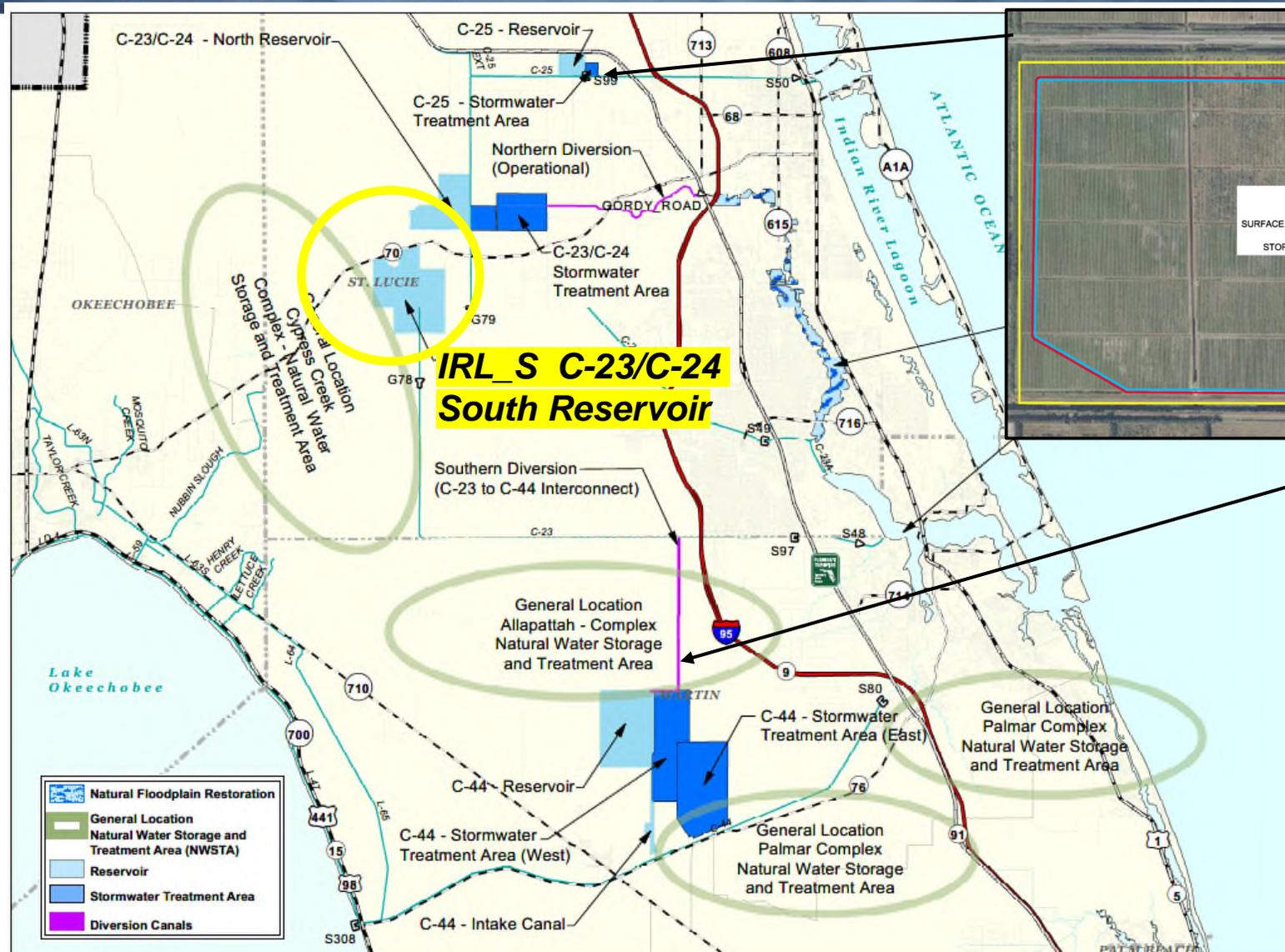
S-191 Innovative Technology



Partin Family Ranch



Restoring the Indian River Lagoon and St. Lucie River



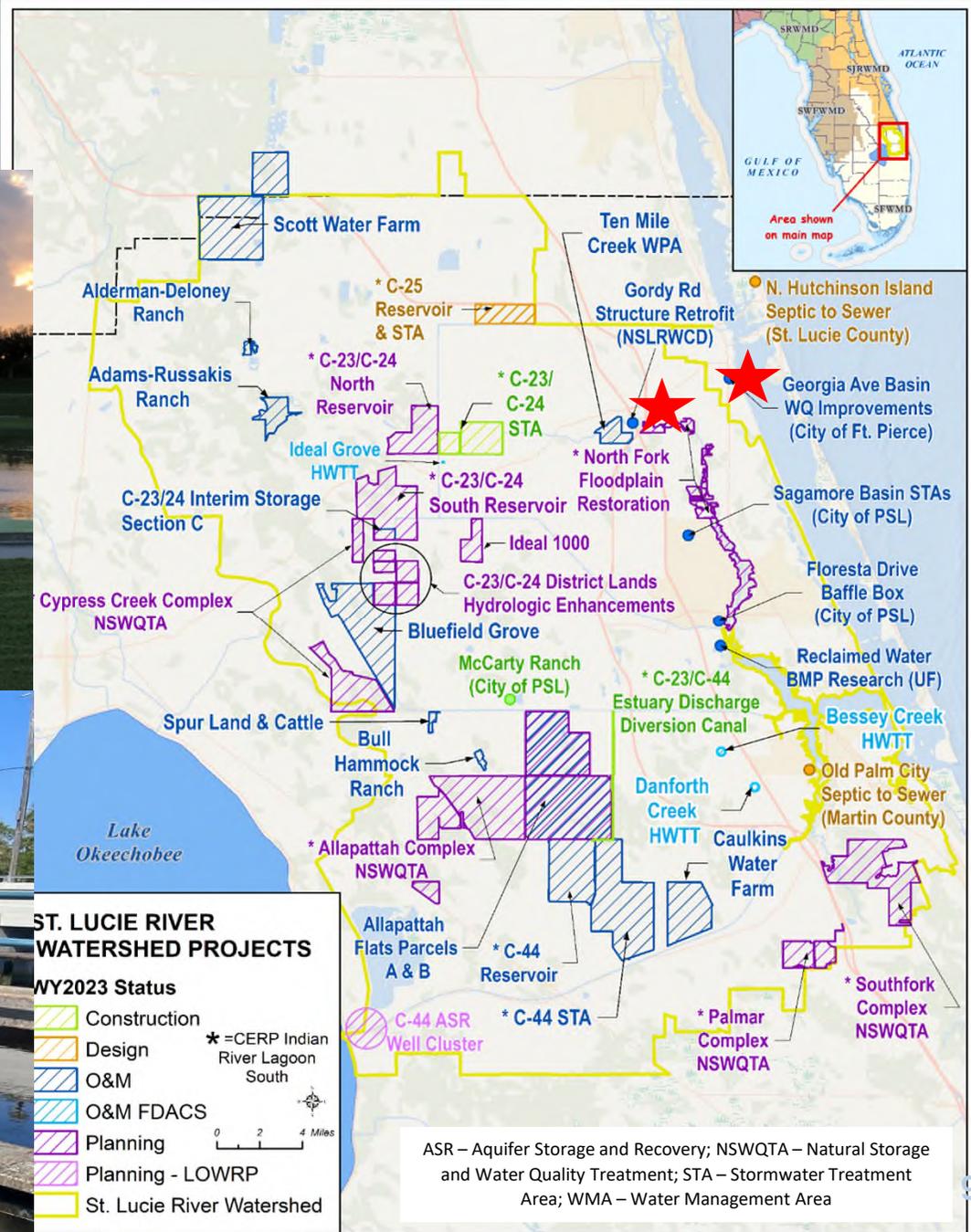
St. Lucie River Watershed



City of Fort Pierce – Georgia Ave. Basin Water Quality Improvements



North St. Lucie Water Control District Gordy Structures Retrofit

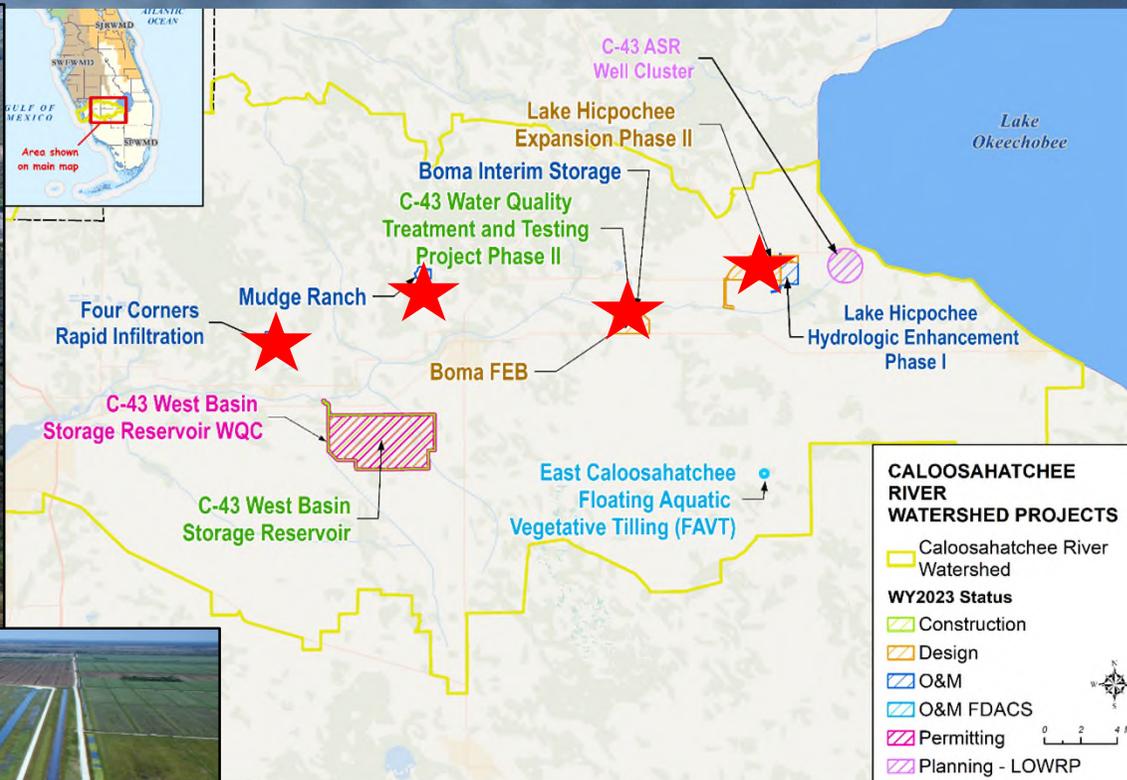


Storage for the Caloosahatchee Watershed



C-43 Reservoir

Caloosahatchee River Watershed



Moving More Clean Water South

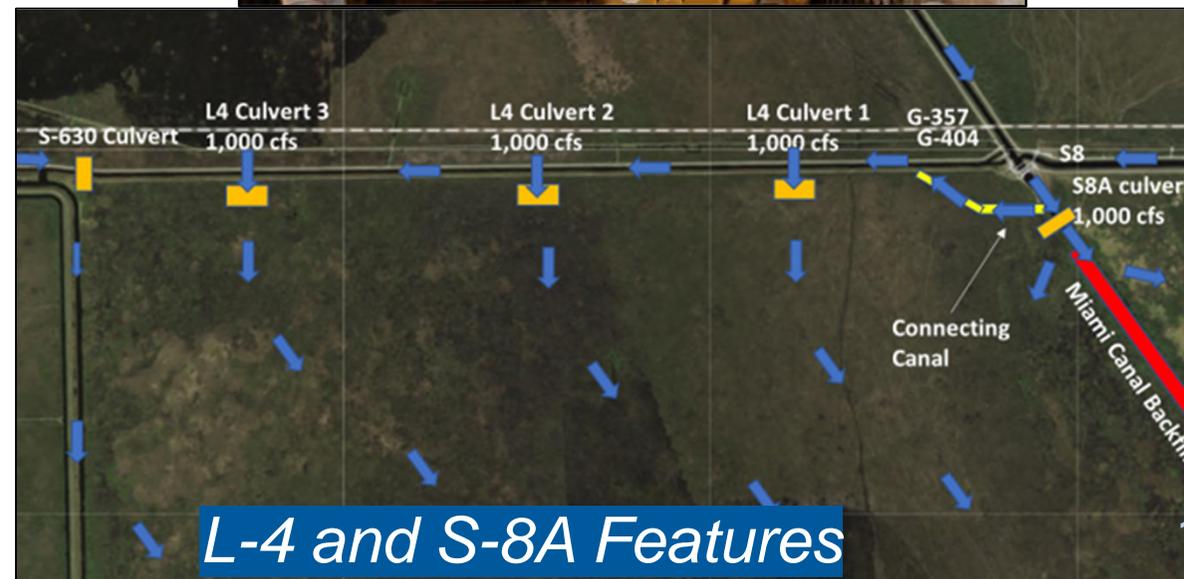
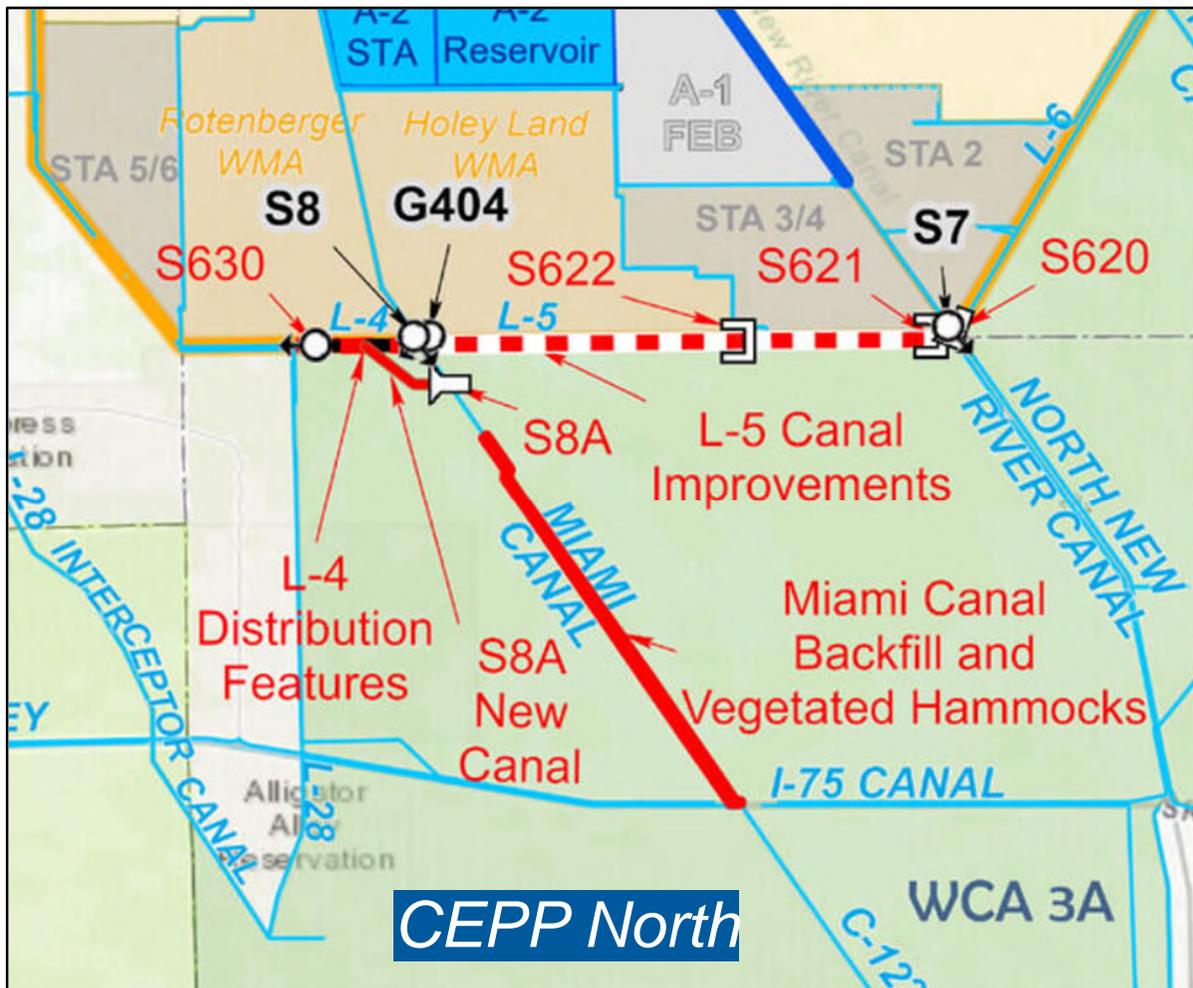
CEPP EAA Stormwater Treatment Area
S-647



Canal Conveyance Improvements

- North New River Canal- Contract Awarded December 2023
- Miami Canal Phase 1- Final Design, award summer 2024
- Miami Canal Phase 2- Intermediate Design, award early 2025

Distributing Clean Water

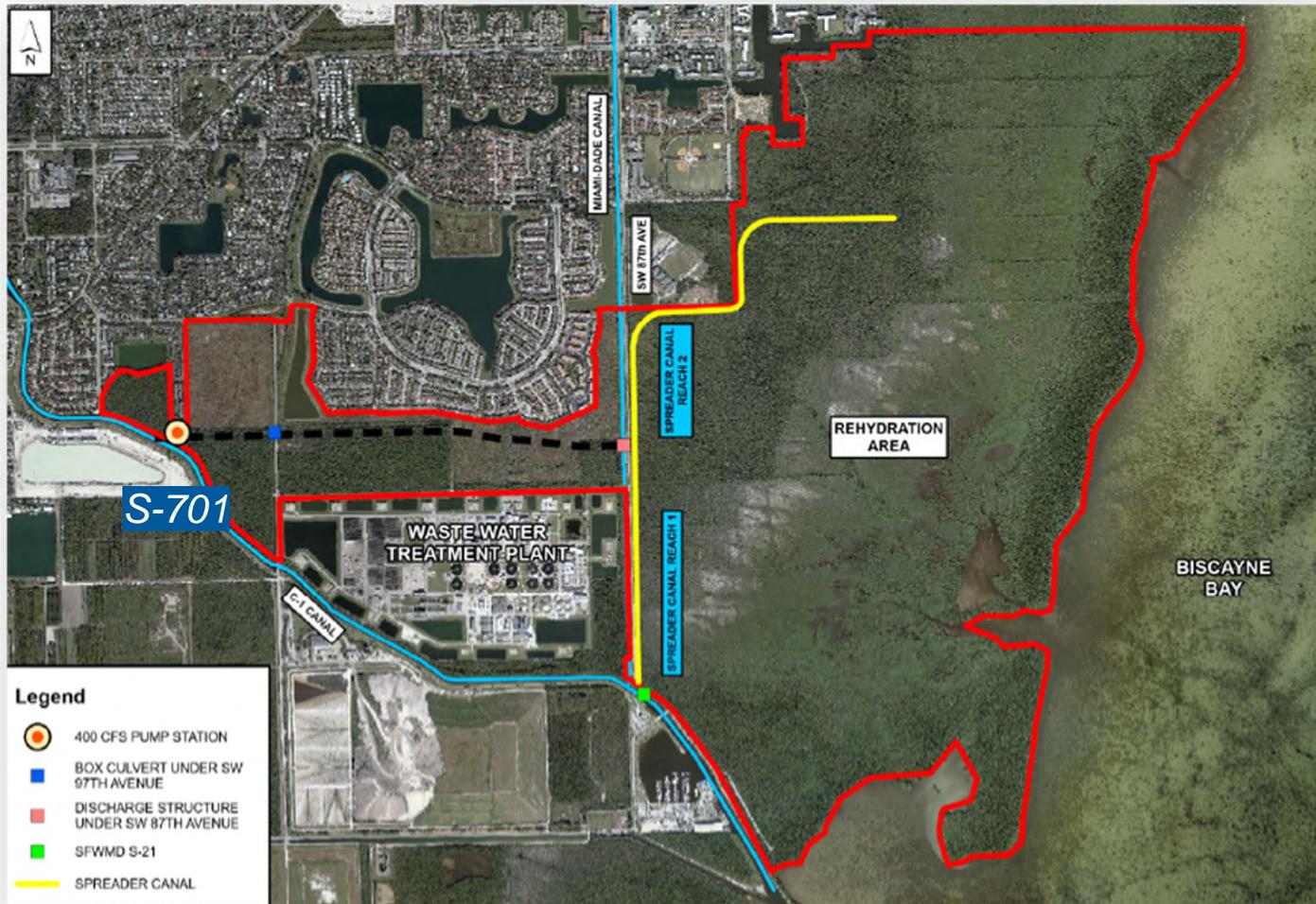


Keeping Water in the Everglades



Work is complete on 5 more miles of Seepage Barrier.

Restoring Fresh Water Flow to Biscayne Bay



BBCW Cutler Flowway Contracts 6A & 6B

BBCW S-701
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Restoring the Loxahatchee River Watershed

Components 1, 2 and 6 are in design:

- Vegetation Management including biocontrol
- Survey & Geotech
- Modeling underway



Vegetation management- Gulf Stream East

Flow Way 3

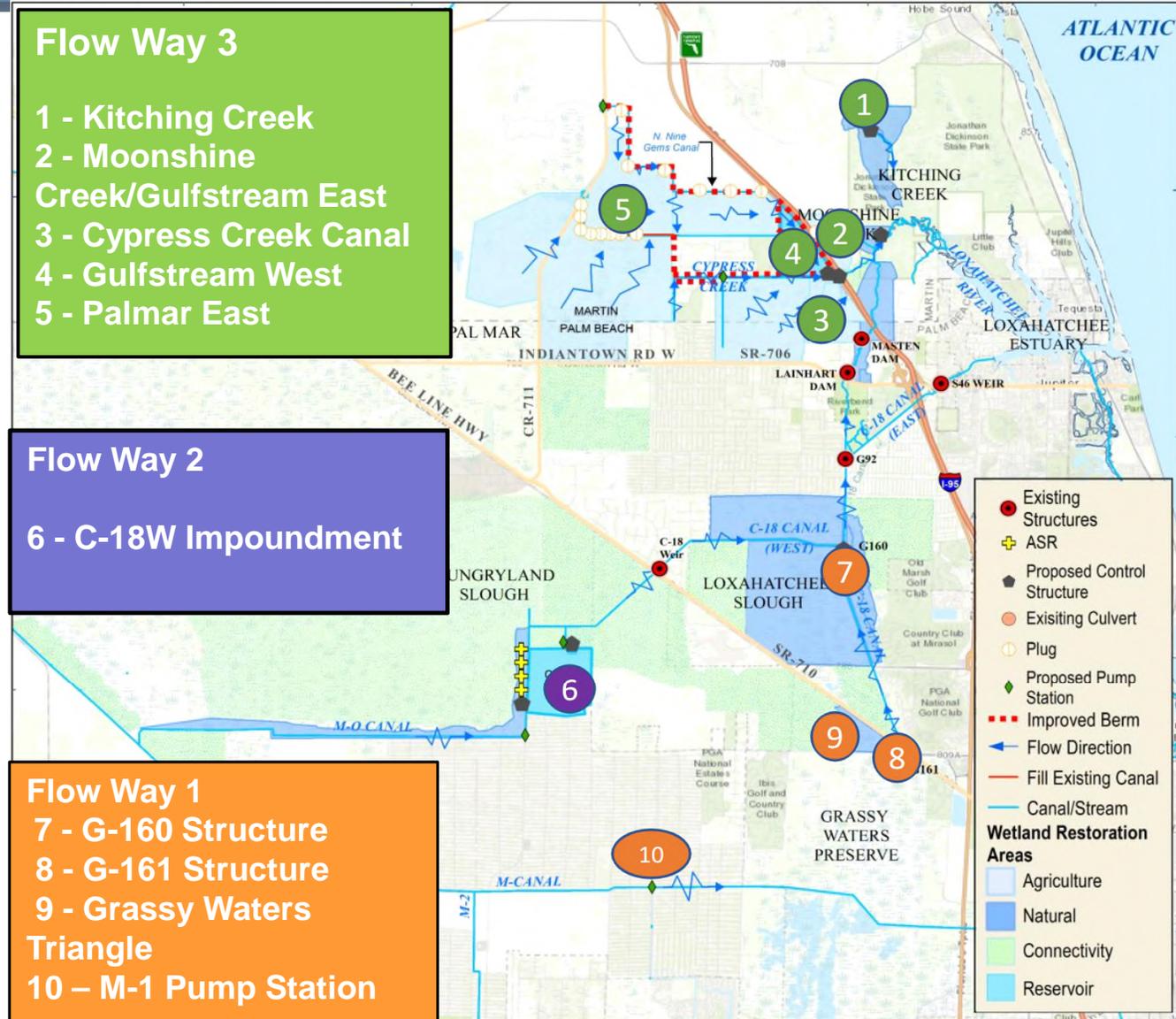
- 1 - Kitching Creek
- 2 - Moonshine Creek/Gulfstream East
- 3 - Cypress Creek Canal
- 4 - Gulfstream West
- 5 - Palmar East

Flow Way 2

- 6 - C-18W Impoundment

Flow Way 1

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



Questions?

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