

Program & Project Update

South Florida Ecosystem Restoration Task Force Working Group/ Science Coordination Group

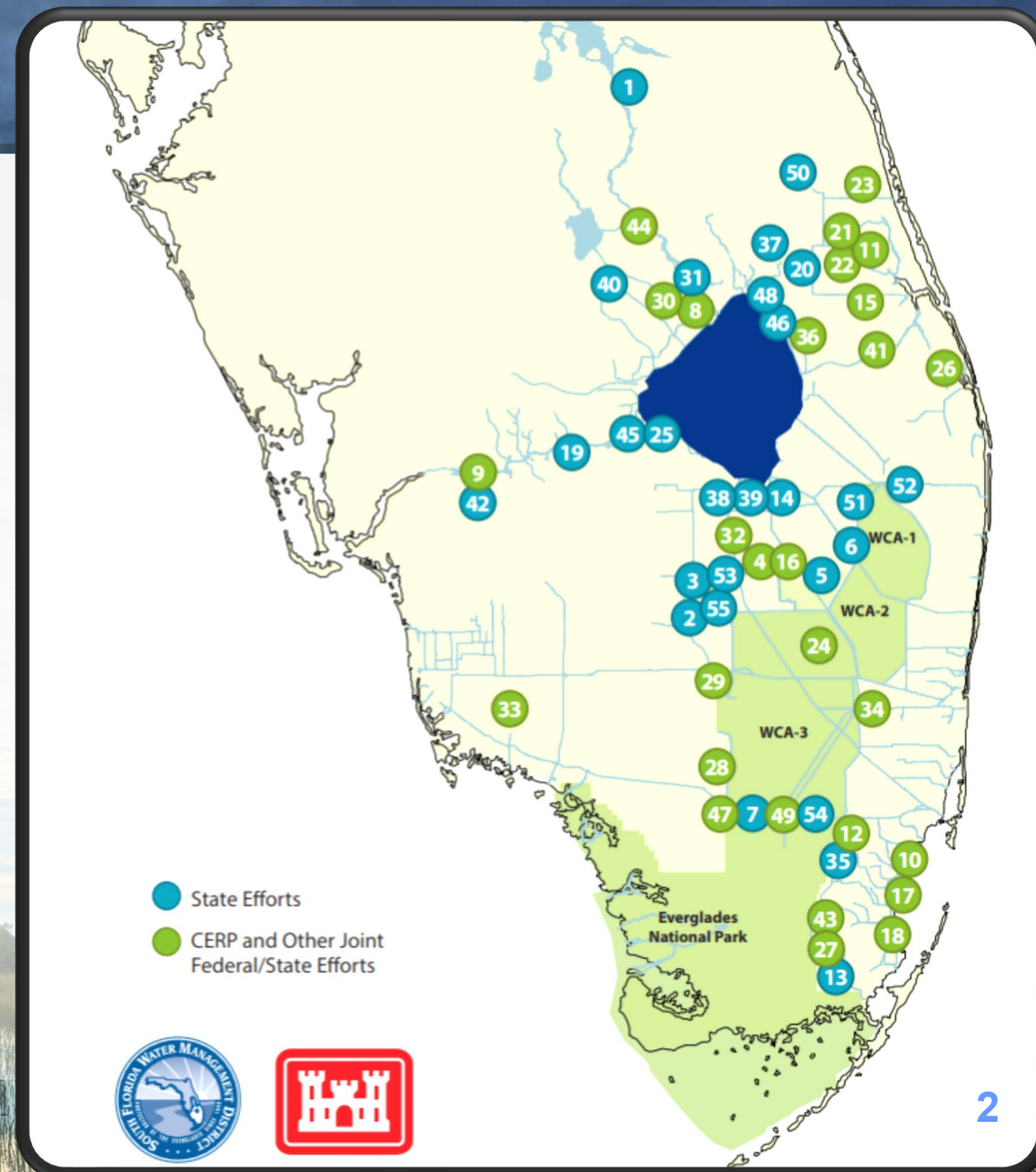
September 6, 2023

Mindy Parrott

Principal Federal Policy Analyst
Ecosystem Restoration Division

Ecosystem Restoration Programs

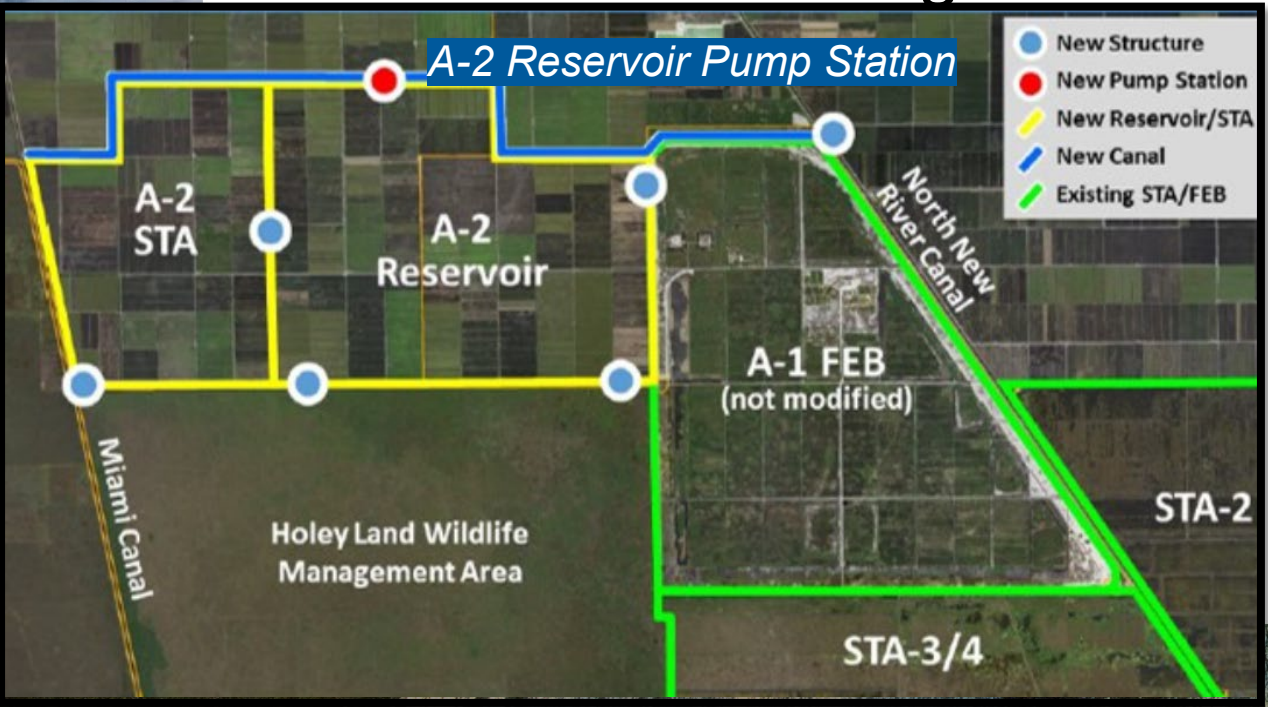
- Federal Projects
 - CERP & Foundation Projects
 - C&SF Section 216 Infrastructure Resiliency Plan
- State & Local Projects
 - Restoration Strategies
 - Northern Everglades and Estuaries Program
 - Local Projects
 - Dispersed Water Management
 - Resiliency



Expediting Everglades Restoration Projects

2023 Draft IDS Reflects SFWMD's acceleration of:

- Everglades Agricultural Area (EAA) A-2 Reservoir Pump Station
- Indian River Lagoon- South (IRL-S) C-23/24 South Reservoir



Expediting Northern Storage

- SFWMD is preparing a Feasibility Study under Section 203 of the Water Resources Development Act
- Evaluate Component A of CERP which proposed a 200,000 ac-ft above ground storage reservoir
- Purpose is to retain water during wet periods for later use during dry periods to benefit Lake Okeechobee

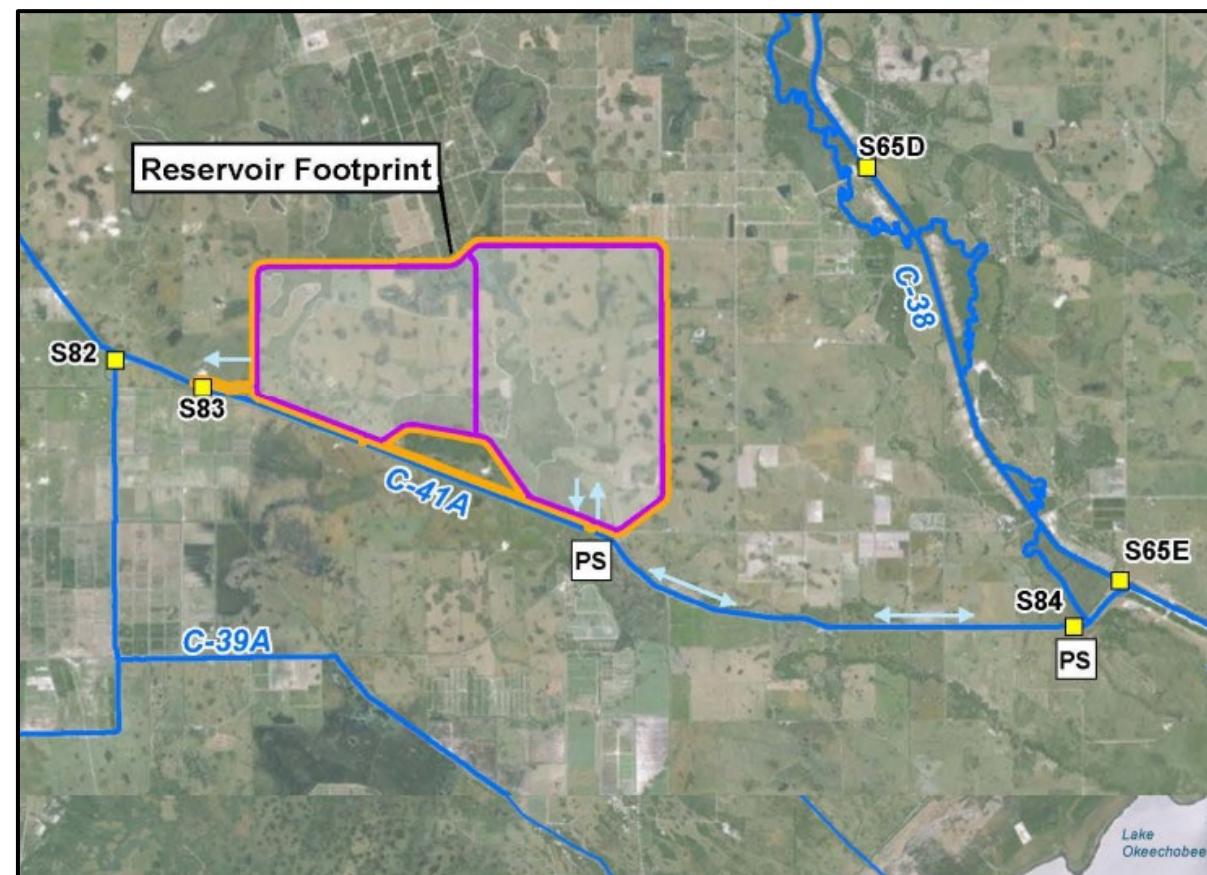
Schedule:

- Draft Feasibility Study – October 2023
- Final Feasibility Study – December 2023

Available for consideration in WRDA 2024

Information regarding LOCAR project can be found at: www.sfwmd.gov/LOCAR

Lake Okeechobee Component A Reservoir (LOCAR) Recommended Plan



Advancing Aquifer Storage and Recovery

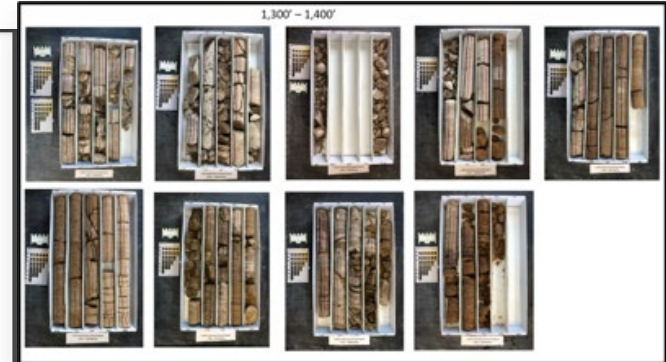


2022 Aquifer Storage and Recovery
SCIENCE PLAN
DRAFT - OCTOBER 2022

Mechanical Integrity Test at L63N Test/Exploratory Well Drilling at C38S Proof of Concept Testing Kissimmee River ASR Well

L63N Continuous Coring Program Samples

500 - 510 feet bls 1,800 - 1,810 feet bls



ALTERNATIVE HNFR: RESTORE RAIN-DRIVEN SYSTEM / EXISTING WATER / OPERATIONAL FLEXIBILITY

LEGEND

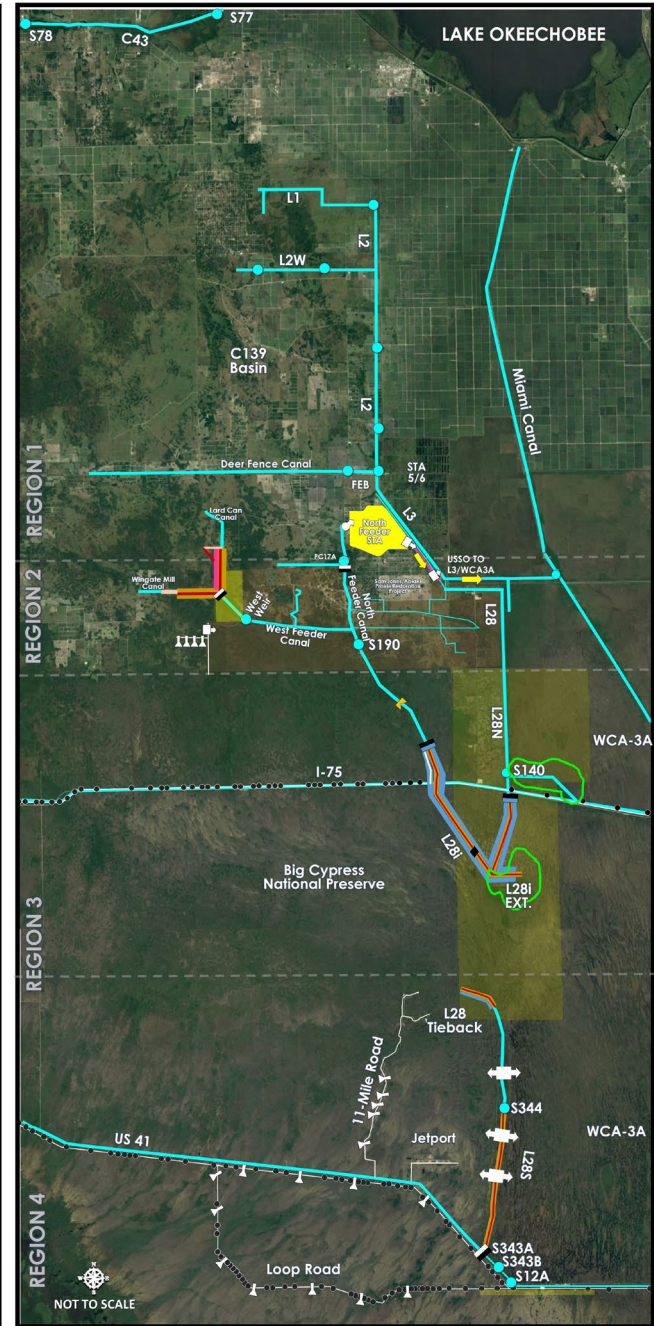
- Seminole Tribe of Florida Reservation
- Miccosukee Tribe of Indians Reservations
- Existing Culverts
- Existing Structures
- Existing Canals
- Existing Roads

Features*

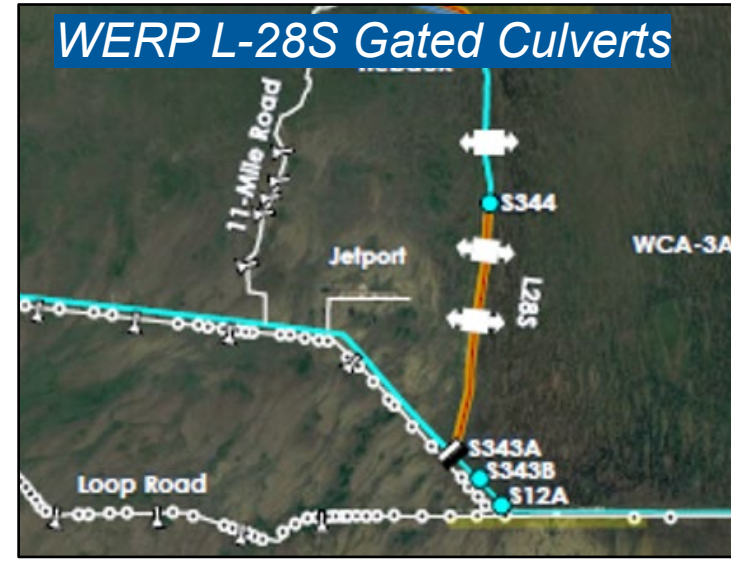
- Water Treatment
- Inline Weir
- Embankment
- Pump
- Bi-Directional Control Structure
- Gated Culvert
- Culvert
- Plug
- Plug with Levee Tie-In
- Treated Water
- Spreader Canal
- Canal Backfill
- Canal Backfill/Degrade Levee
- Vegetation Restoration
- McCormack's Landing Restoration

*Features are not to scale and do not represent final placement

Last Updated: 04-AUG-2023



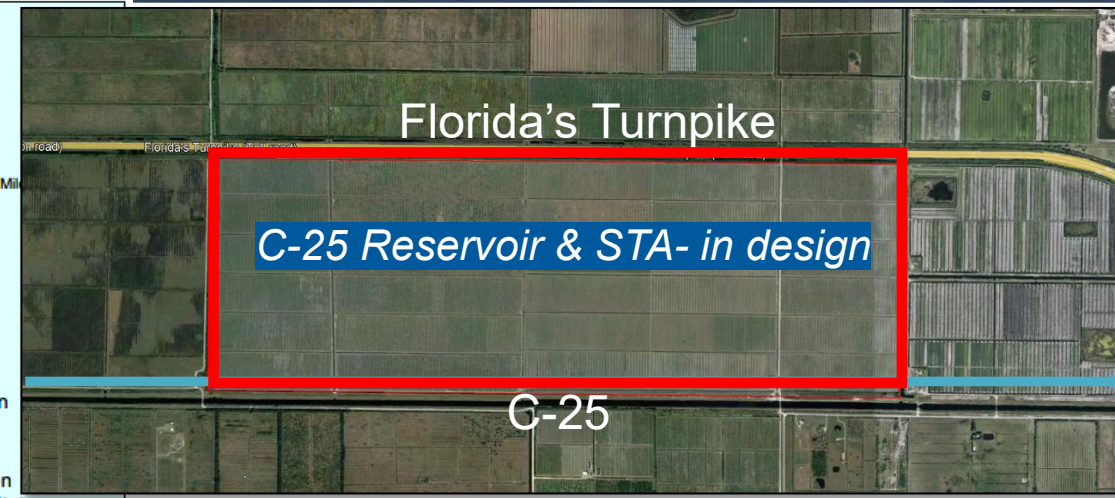
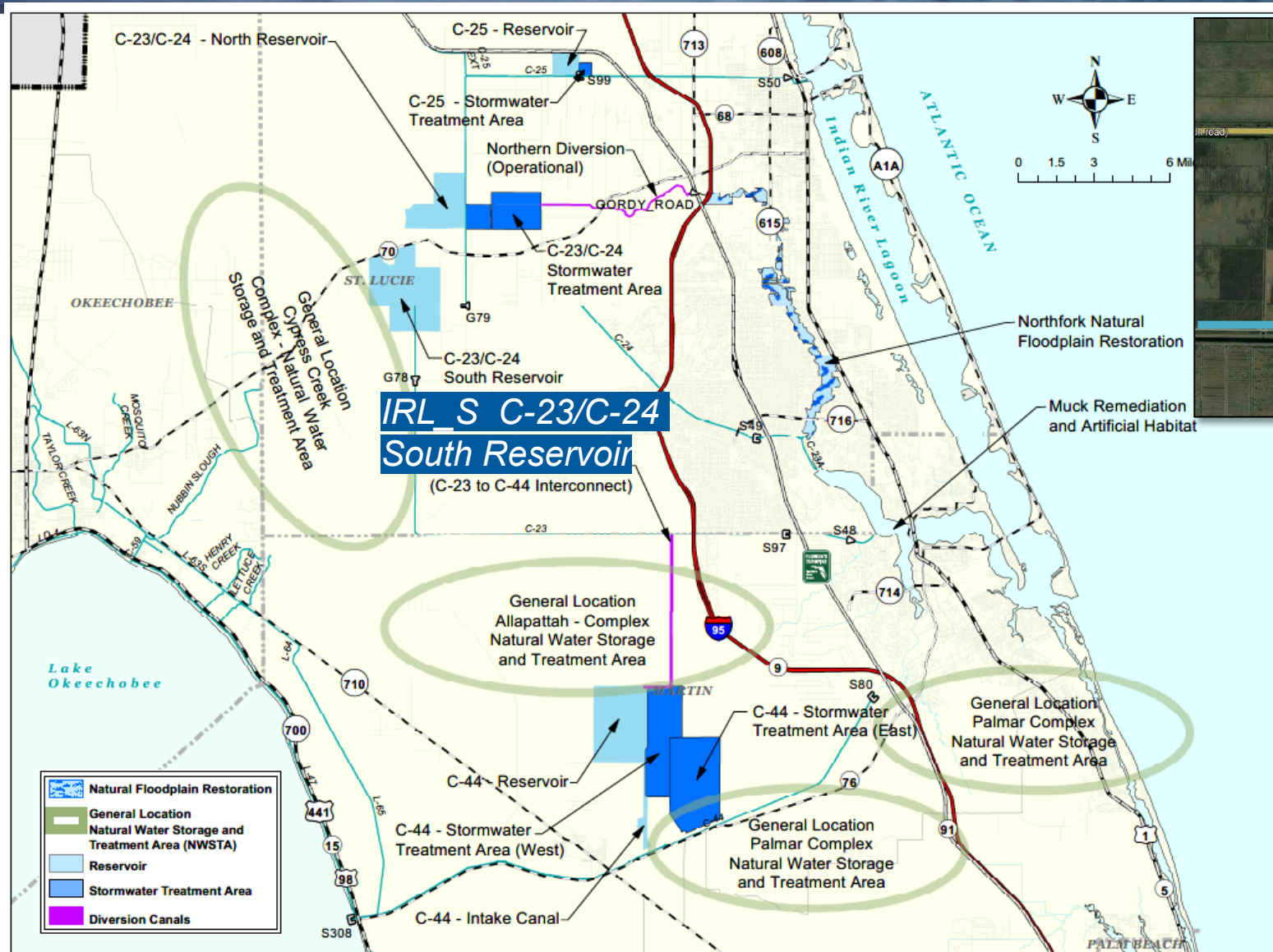
Advancing Restoration



Western Everglades Restoration Project

- L-28S Gated Culverts- Design Complete
- Next up: Additional Conveyance under Tamiami Trail, Loop Road and 11 Mile Road.

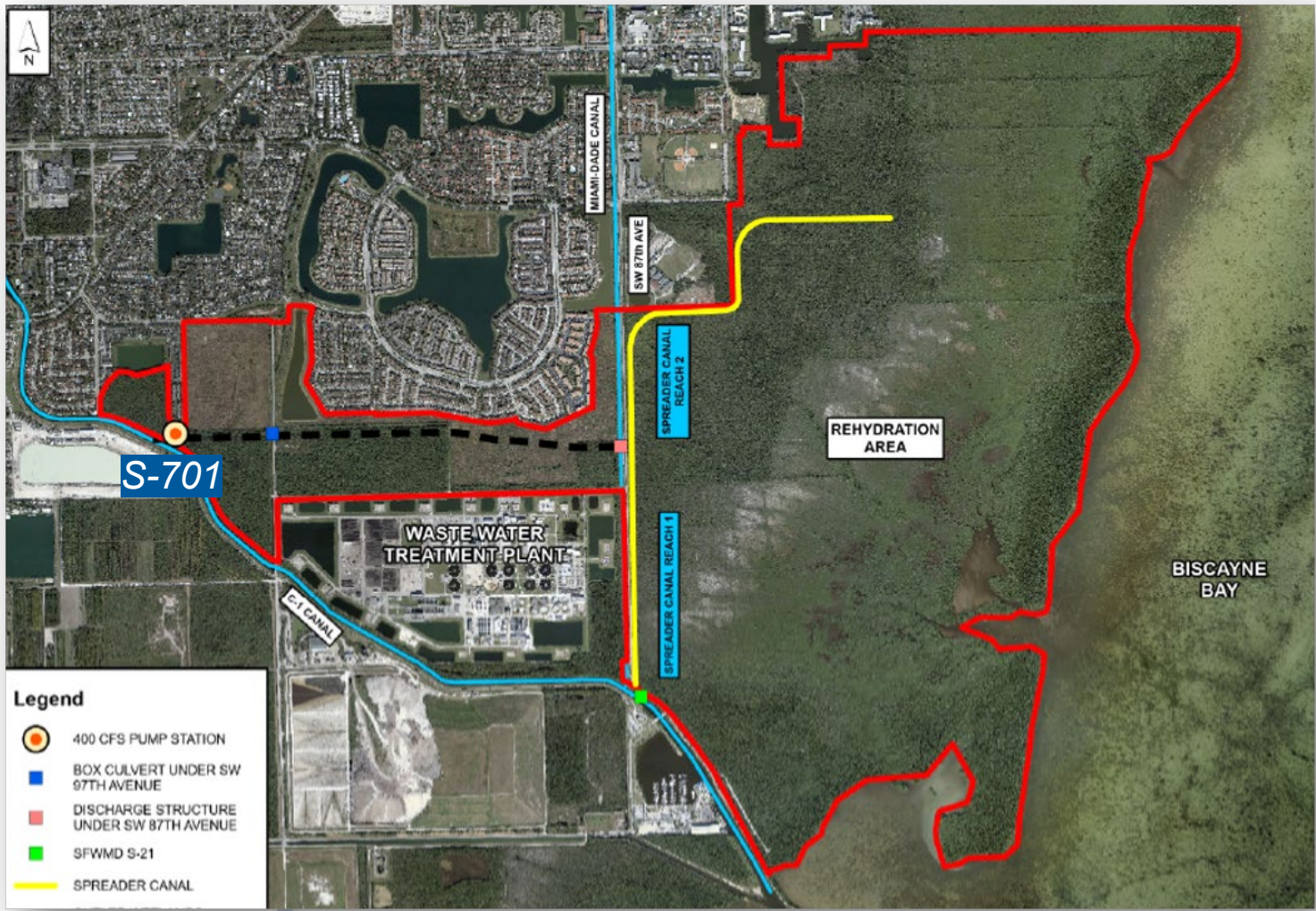
Restoring the Indian River Lagoon and St. Lucie River



C-43 Reservoir Work Continues



Restoring Water Flow to Biscayne Bay



BBCW Cutler Flowway Contract 6A & 6B

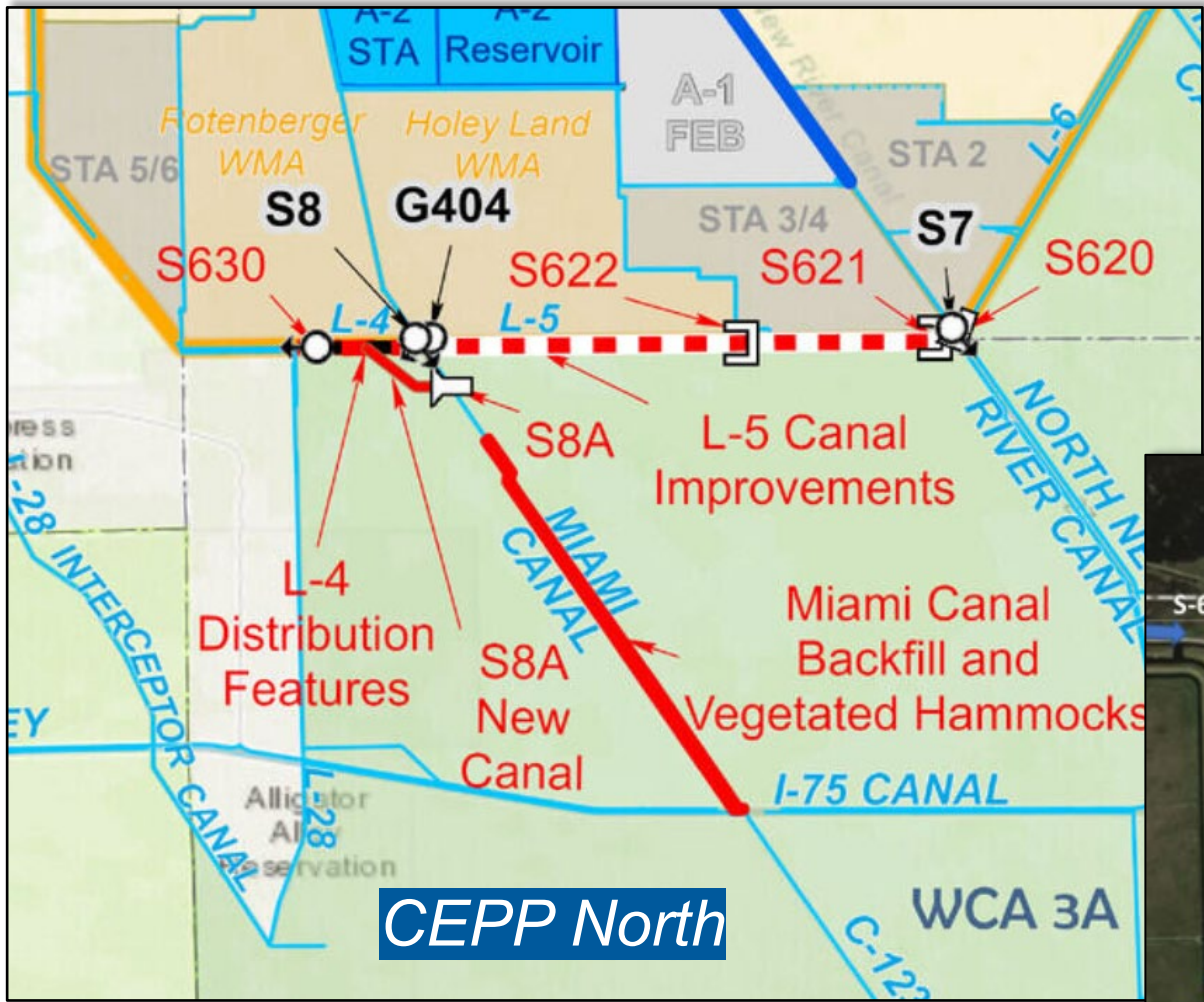
Central Everglades-EAA Reservoir and STA



Canal Conveyance Improvements

- North New River Canal- Contract Award this fall
- Miami Canal Phase 1- Final Design, award mid 2024
- Miami Canal Phase 2- Intermediate Design, award late 2024

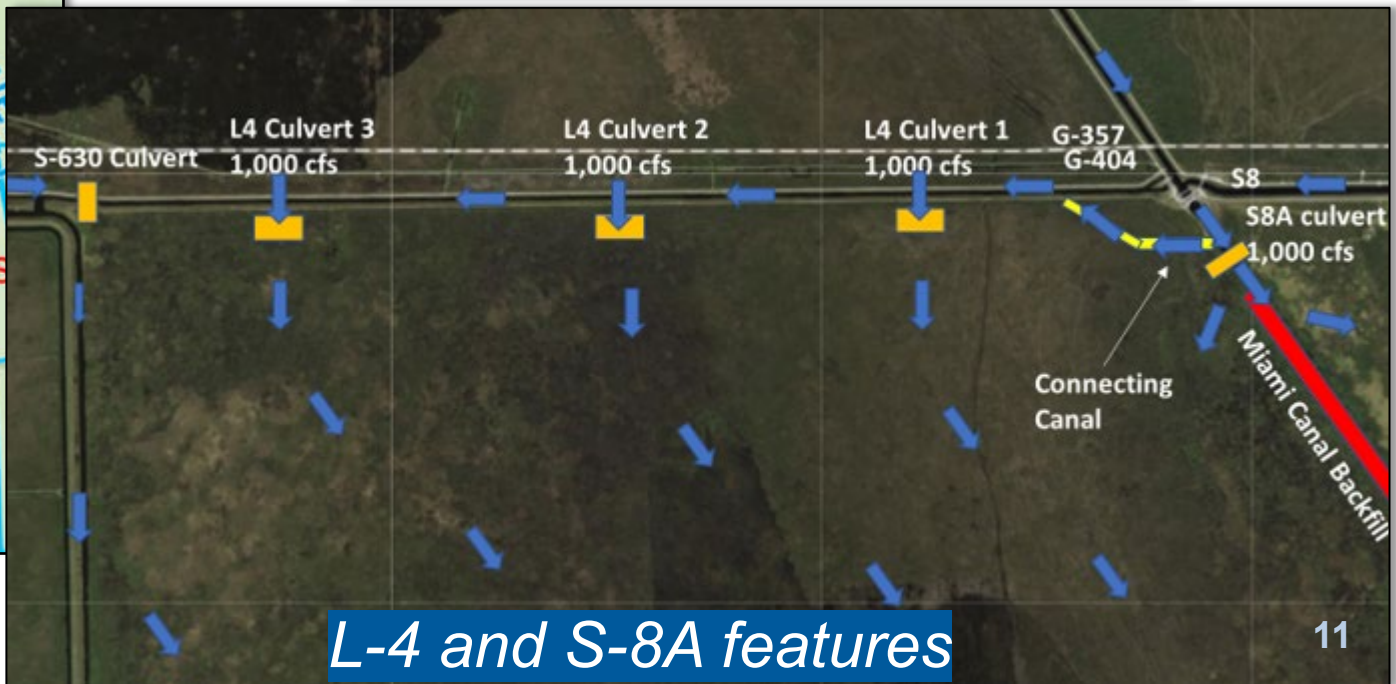
CEPP North



CEPP North

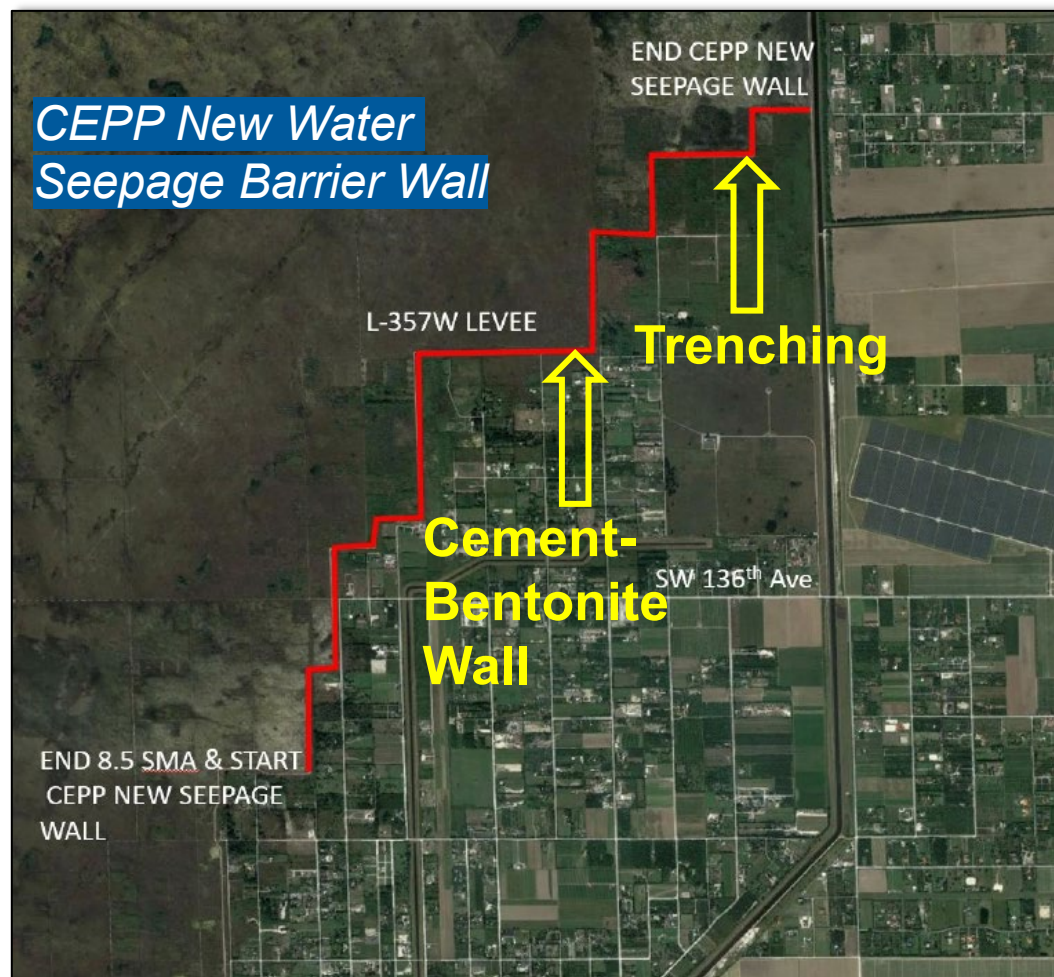


Construction at S-620



L-4 and S-8A features

CEPP- Seepage Barrier Wall



- Trenching- over 90% complete
- Bentonite wall about 60% complete
- Finish in 2024

Restoring the Loxahatchee River Watershed



Flow Way 3

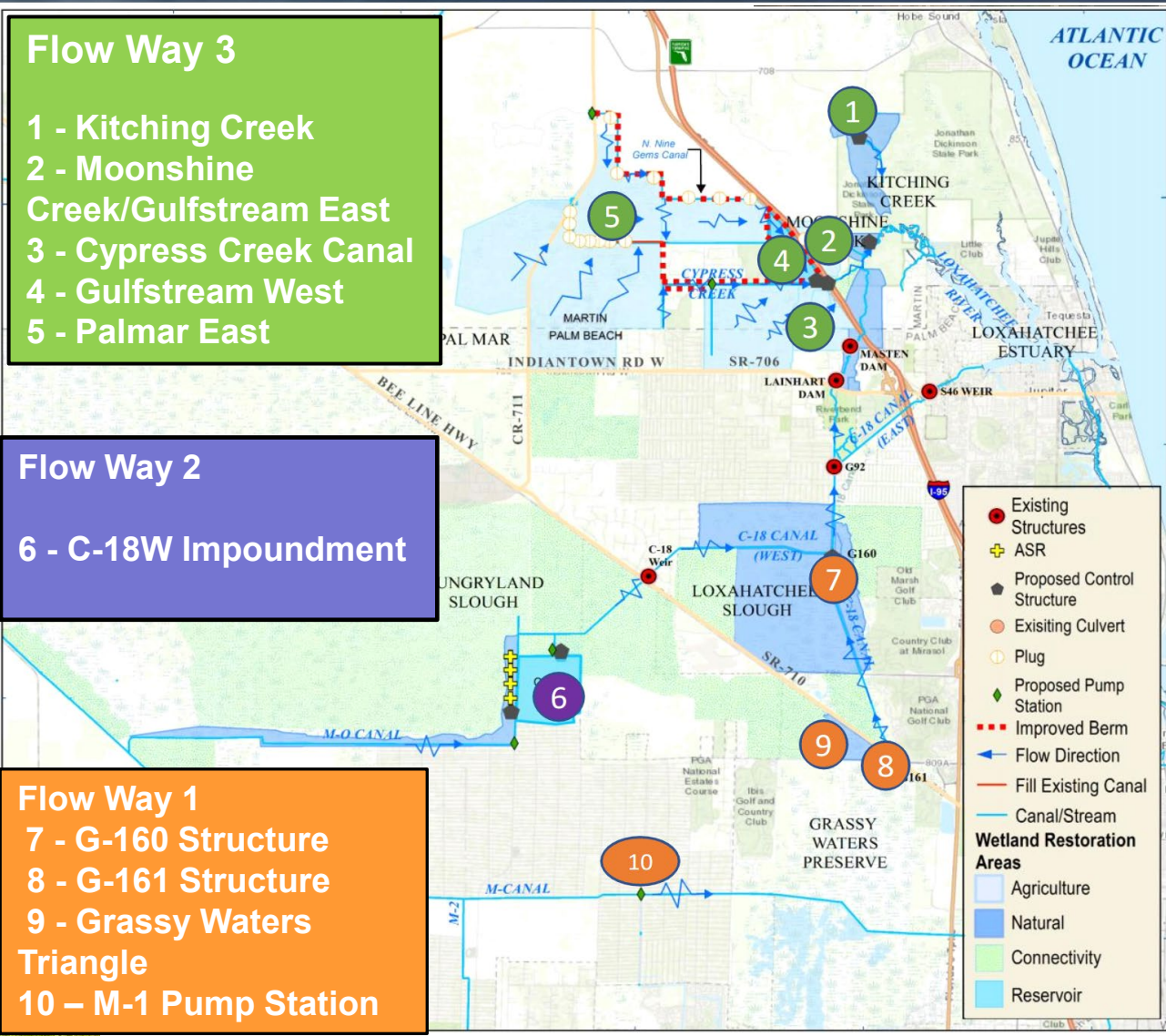
- 1 - Kitching Creek
- 2 - Moonshine Creek/Gulfstream East
- 3 - Cypress Creek Canal
- 4 - Gulfstream West
- 5 - Palmar East

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



Restoration Strategies Construction



C-139 Flow Equalization Basin

G-550

Deer Fence Canal

State and Local Projects to Restore Water Resources



Bluefield Grove Water Farm



Brighton Valley Dispersed Water Mgmt



Lakeside Ranch STA



Lake Hicpochee



El Maximo



Taylor Slough Flow Improvement Project



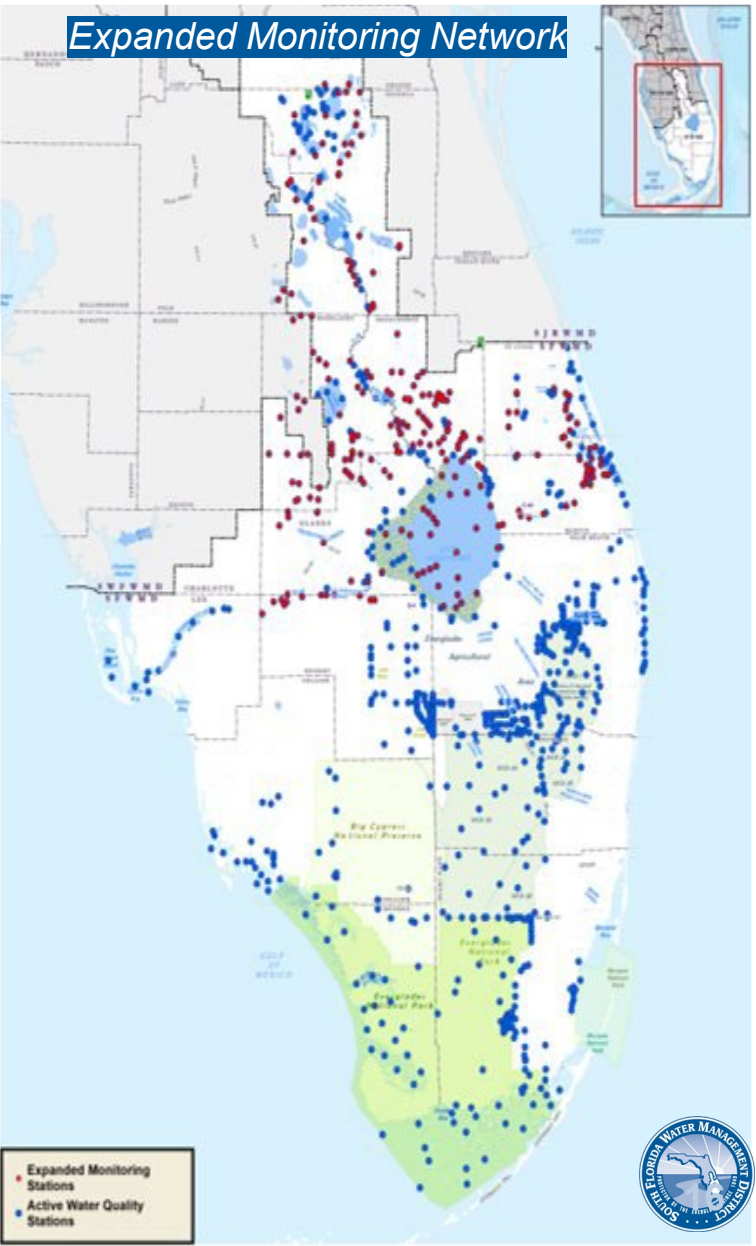
BOMA



ALJO Four Corners Rapid Infiltration Project



Scott Water Farm



Questions?

mparrott@sfwmd.gov