

PROGRAMMATIC APPROACH TO RESTORATION OF NORTHWEST LITTLE LAKE

OLIVIA CREEL, CPRA ENGINEER SUPERVISOR



PROJECT AREA

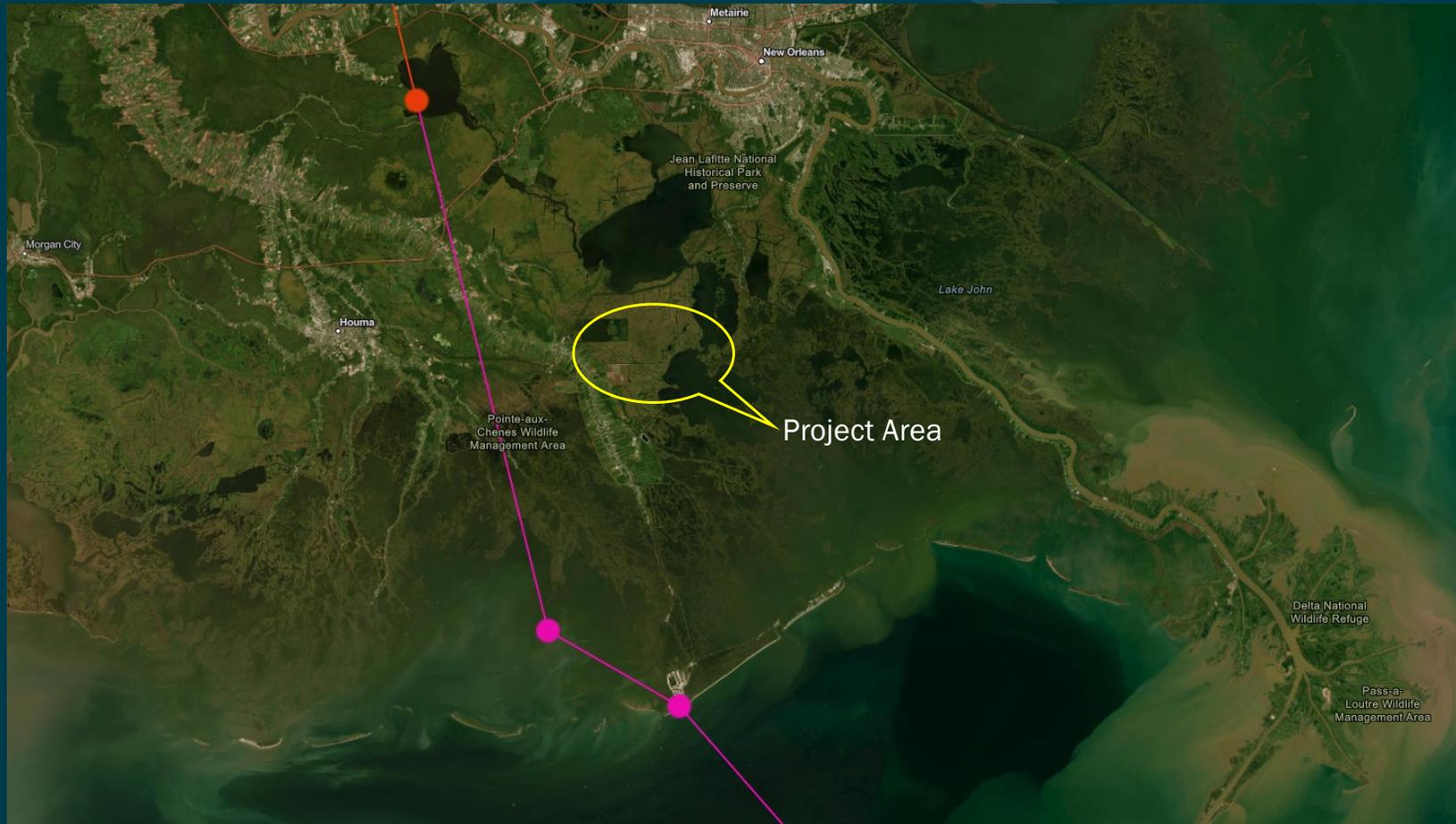
Lafourche Parish

Approximately 30 miles south
of New Orleans

Land majority owned by Delta
Farms and Clovelly Farms



HURRICANE IDA – AUGUST 29, 2021



PRE-HURRICANE IDA



Google Earth

Image © 2025 Maxar Technologies



3 mi

POST-HURRICANE IDA



Google Earth

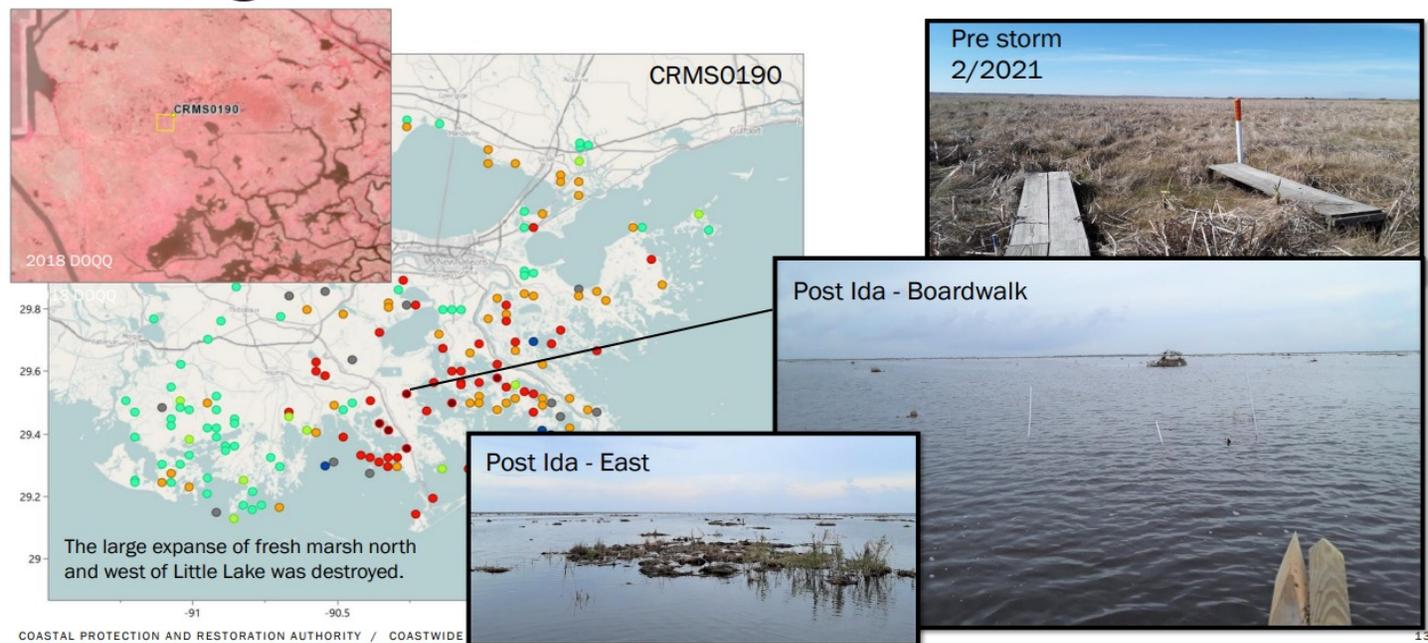
Image © 2025 Airbus

3 mi

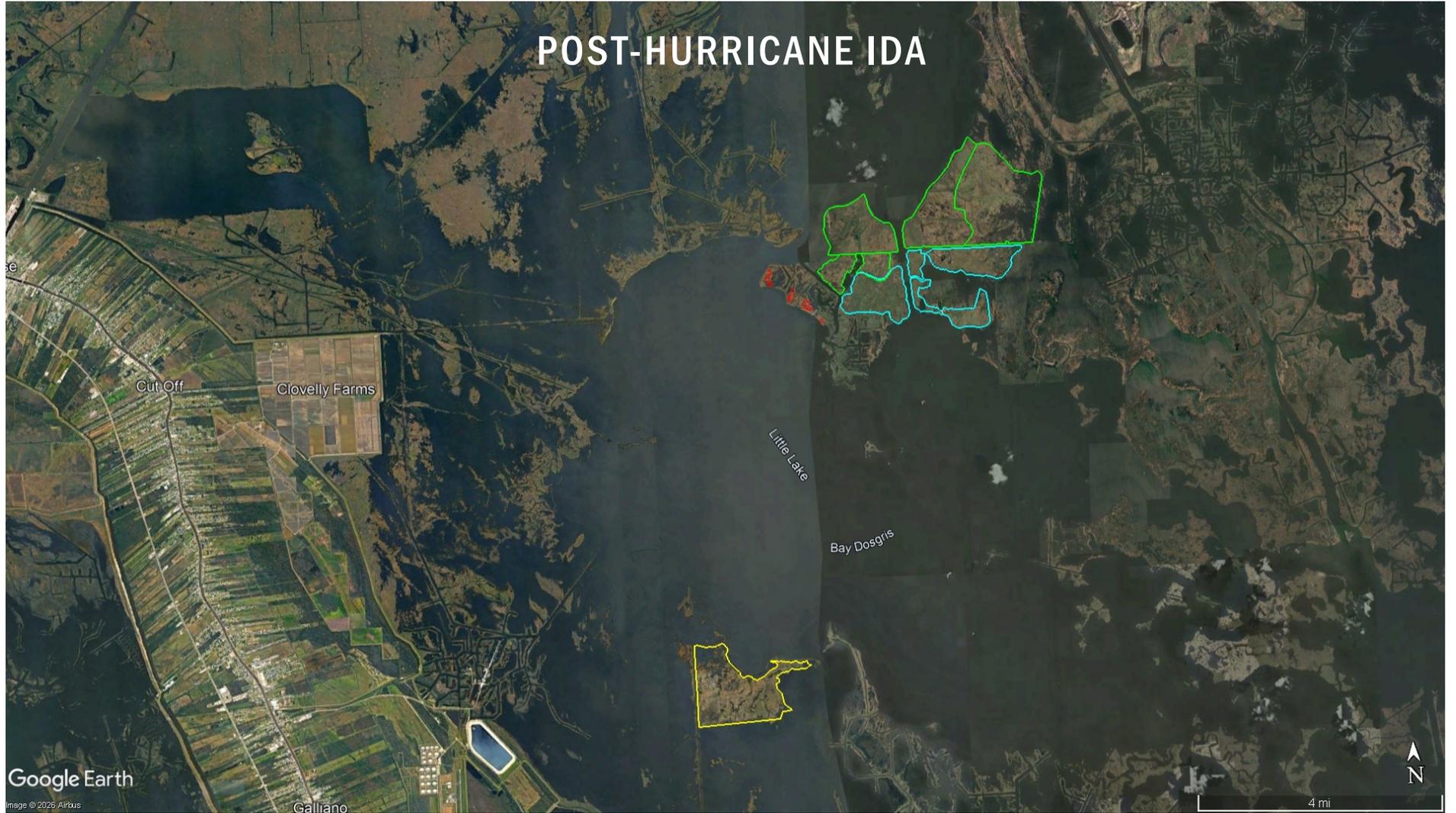
N

Historical pre-storm conditions have been stable with land loss rates under 1%
Hurricane Ida reduced the Project Area from 84% marsh to 25%

Damage to CRMS Sites from Hurricane Ida

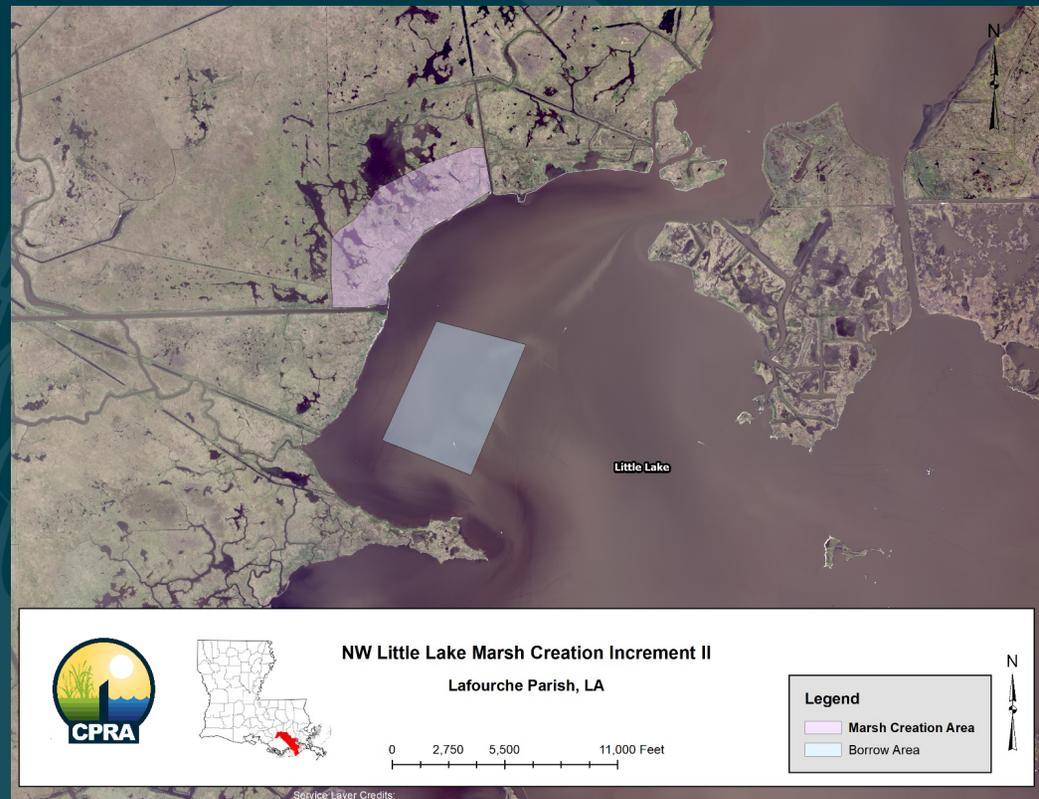


POST-HURRICANE IDA



ORIGINAL PROJECT CONCEPT – BA-0260

- **Goal:** reestablish the boundary between Delta Farms marsh and Little Lake
- **Marsh Creation:** 669 acres of marsh creation along the northwest rim of Little Lake
- **Shoreline Protection:** reinforce the Little Lake shoreline adjacent to the marsh creation
- **Borrow:** Little Lake



POST-HURRICANE IDA



Google Earth

Image © 2025 Airbus

4000 ft



Collaborative Approach

- BA-260 – State-led
 - State surplus/GOMESA
 - Jan 2022
- BA-268 – USFWS, NRCS, CPRA
 - CWPPRA
 - Nominated Jan 2022
 - Phase 1 Jan 2023
 - Phase 2 Funding approved by Technical Committee
- BA-276 – USFWS, NRCS, CPRA
 - CWPPRA
 - Nominated Jan 2023
 - Phase 1 Jan 2024



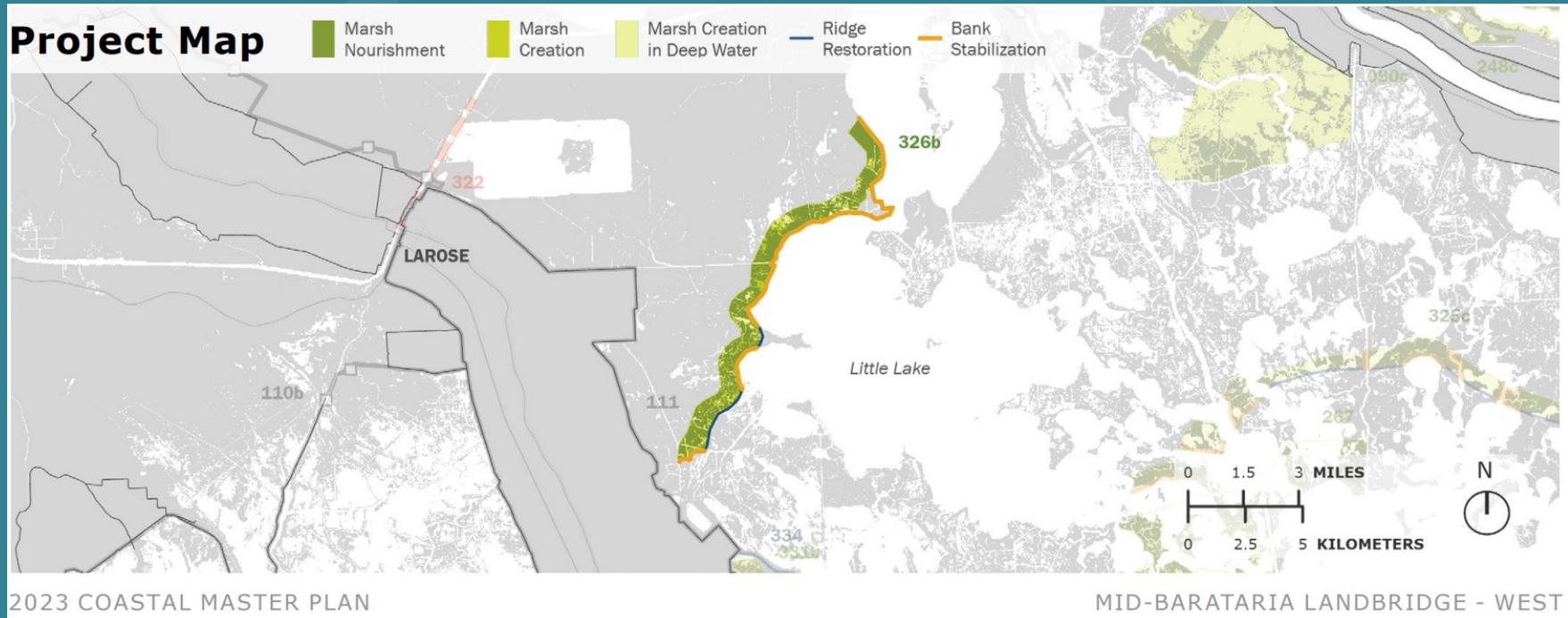
Google Earth

Image © 2026 Airbus



2023 COASTAL MASTER PLAN

The 2023 Master Plan highlighted this region for a \$520M project including 3,800 acres of marsh and 63,000 feet of shoreline protection



Reconnaissance Effort

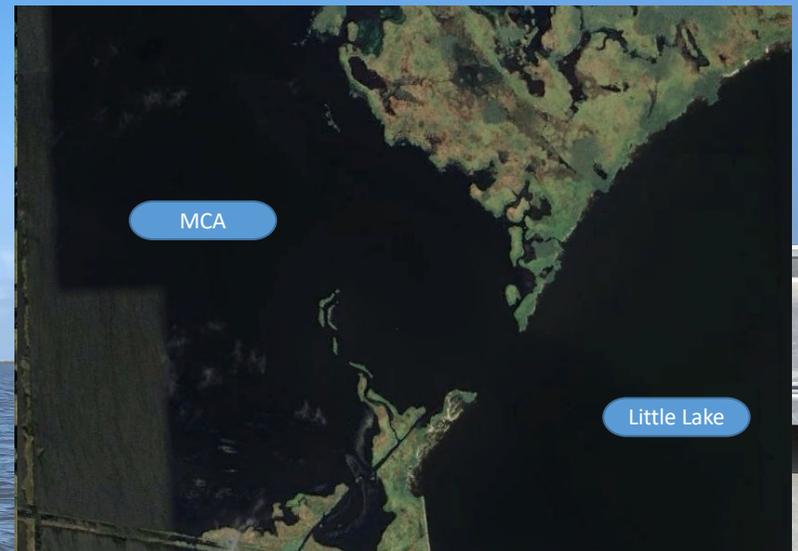
Largely open water

Deep areas to cross with containment

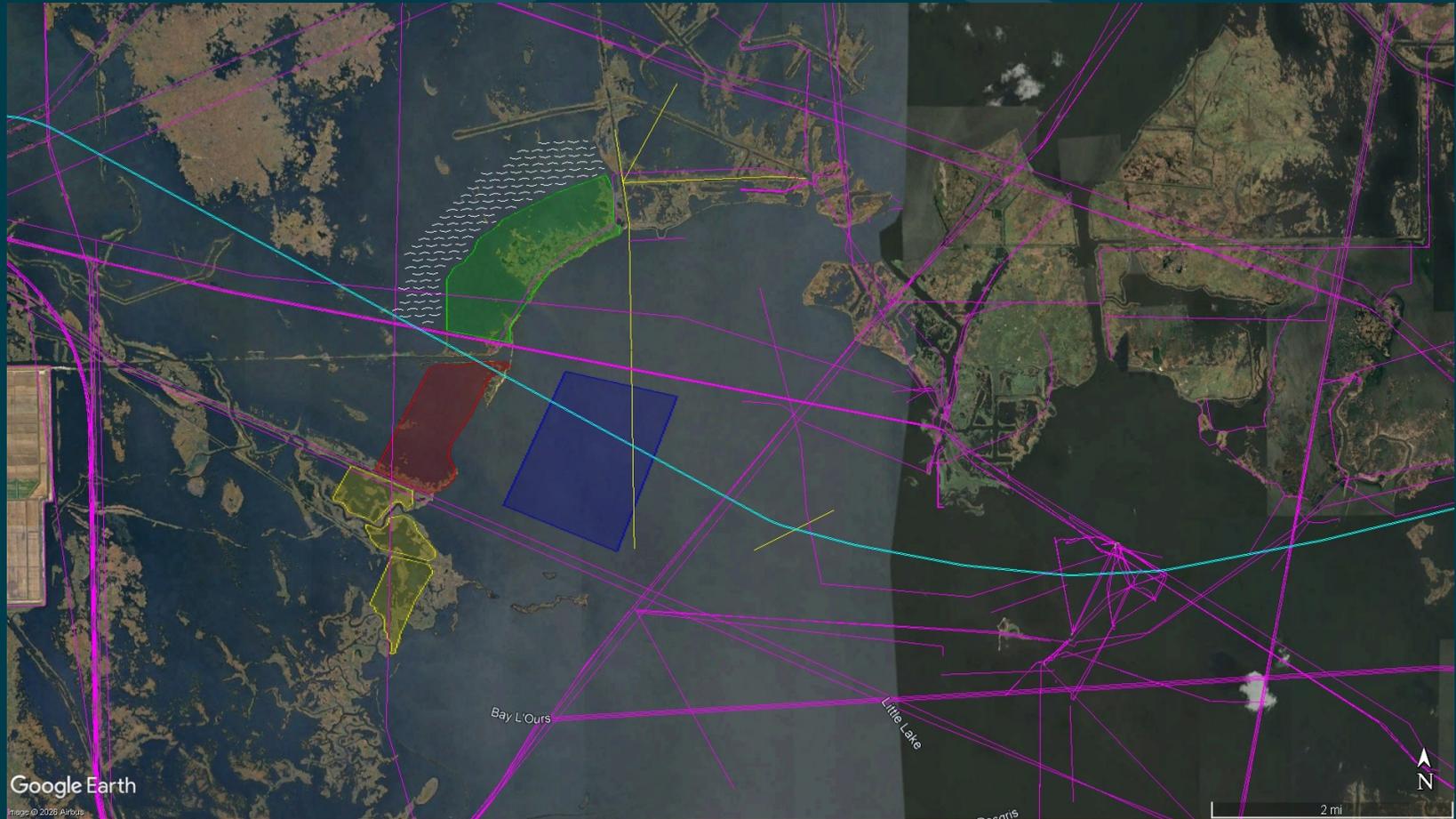
Little Lake Shoreline Breach

Tidal connection from Little Lake to
Delta Farms

Soft organic soils



UNIQUE CHALLENGES – PIPELINES



UNIQUE CHALLENGES – HISTORIC SIGNIFICANCE



CURRENT PROGRESS FOR NORTHWEST LITTLE LAKE

BA-0260:

- Permit acquired
- Bid package in development
- Advertise in Q1 2026

BA-0260 Terrace Field:

- Design complete
- Identifying Full Construction Funds

BA-0268:

- Phase 2 Funding approved by CWPPRA Tech Committee

BA-0276:

- Starting data collection

PARTING THOUGHTS

- Hurricane Ida devastated a previously stable marsh habitat in the Little Lake vicinity
- The Little Lake shoreline breach has introduced increased tidal exchange to the northwest up to the Delta Farms impoundment
- Without action, erosion will continue and the levee system protecting communities like LaRose and Cut Off could be compromised
- Support from the Master Plan led to the planning of other collaborative efforts with multiple program and agency cooperation

COASTAL PROTECTION AND RESTORATION AUTHORITY

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