

COASTAL PROTECTION AND RESTORATION AUTHORITY

Near-Term Construction Outlook

WEDA Gulf Coast Chapter Annual Meeting

November 14, 2018

Maury Chatellier, P.E. – CPRA Project Management Division

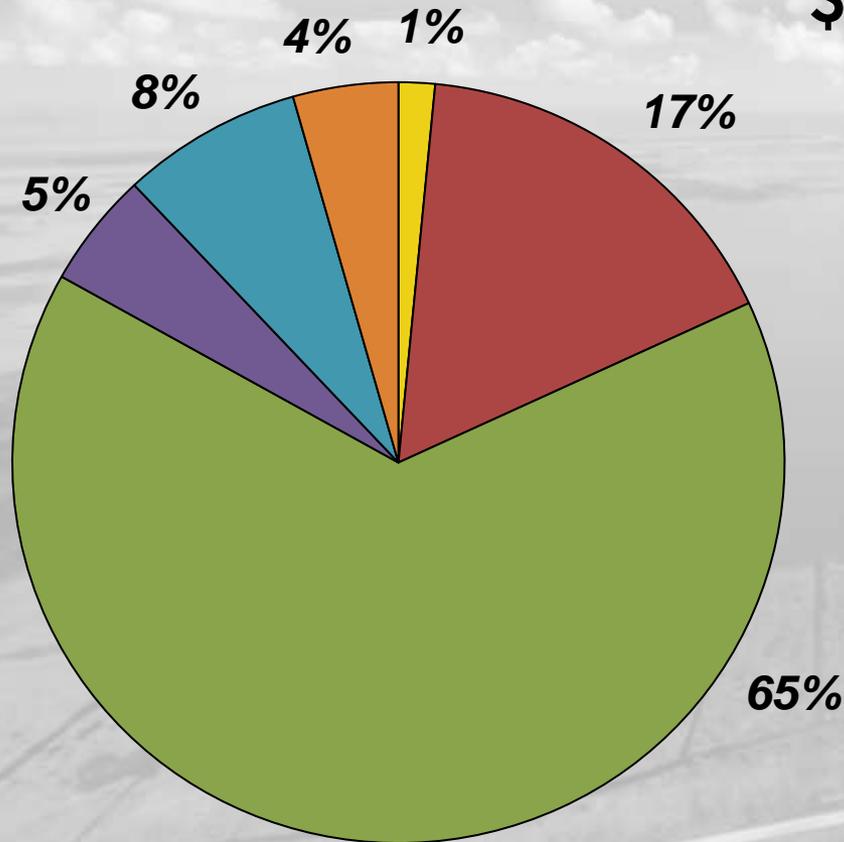


committed to **our coast**

TOTAL Projected Expenditures FY20

By Project Phase

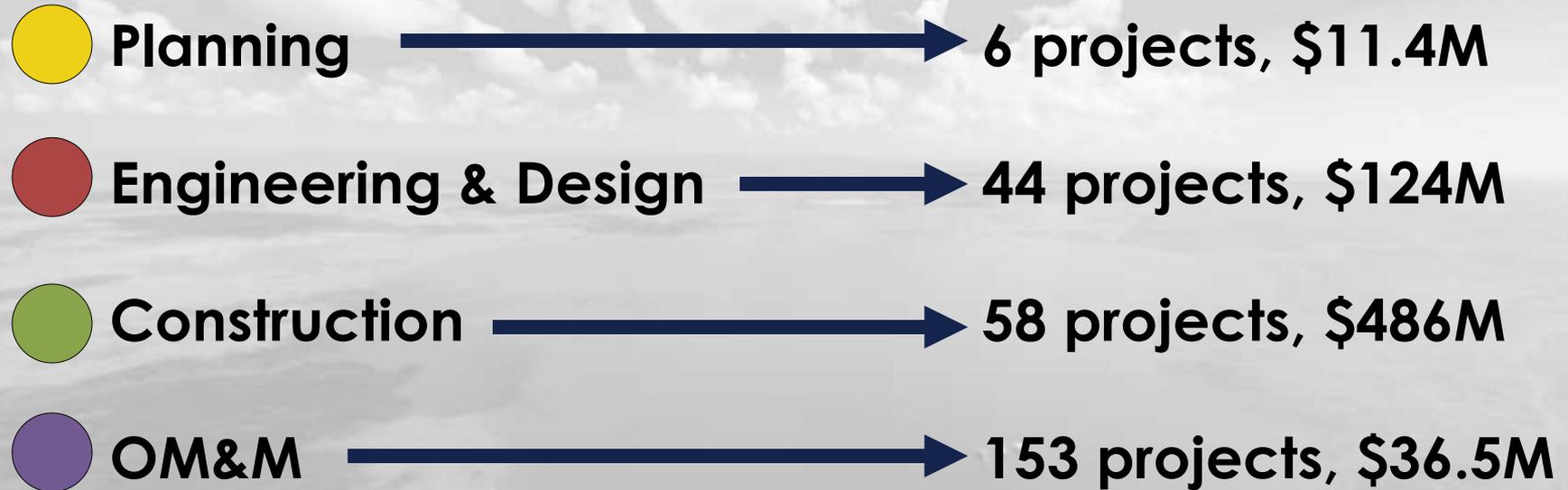
TOTAL Projected Expenditures
\$748M



88% project-associated expenditures
Planning, E & D, Construction, OM & M



What's in the Plan?



Project-Associated Expenditures = 88% of total

Upcoming Construction 2020 and early 2021



Coastal Protection and
Restoration Authority of Louisiana

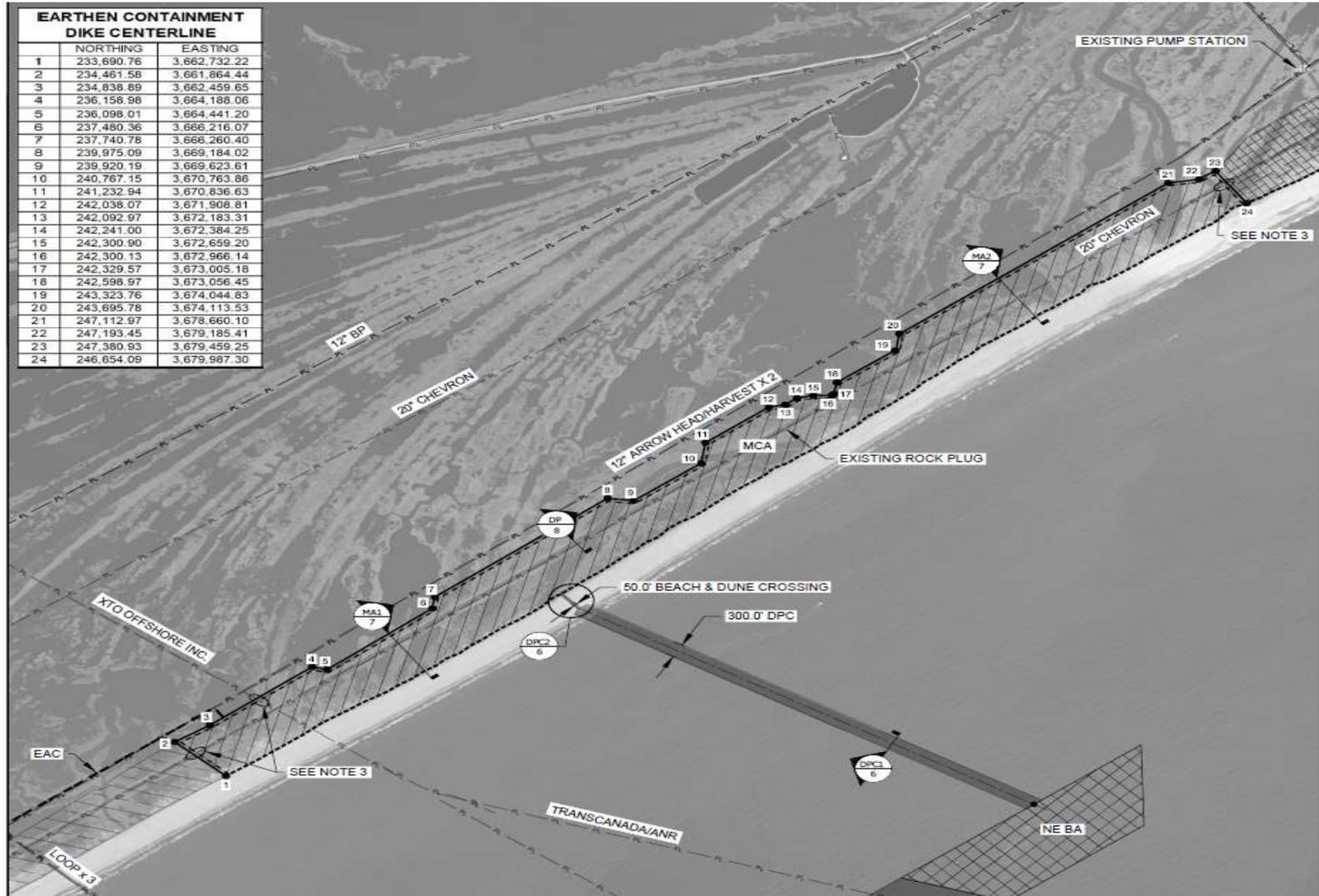


committed to our coast

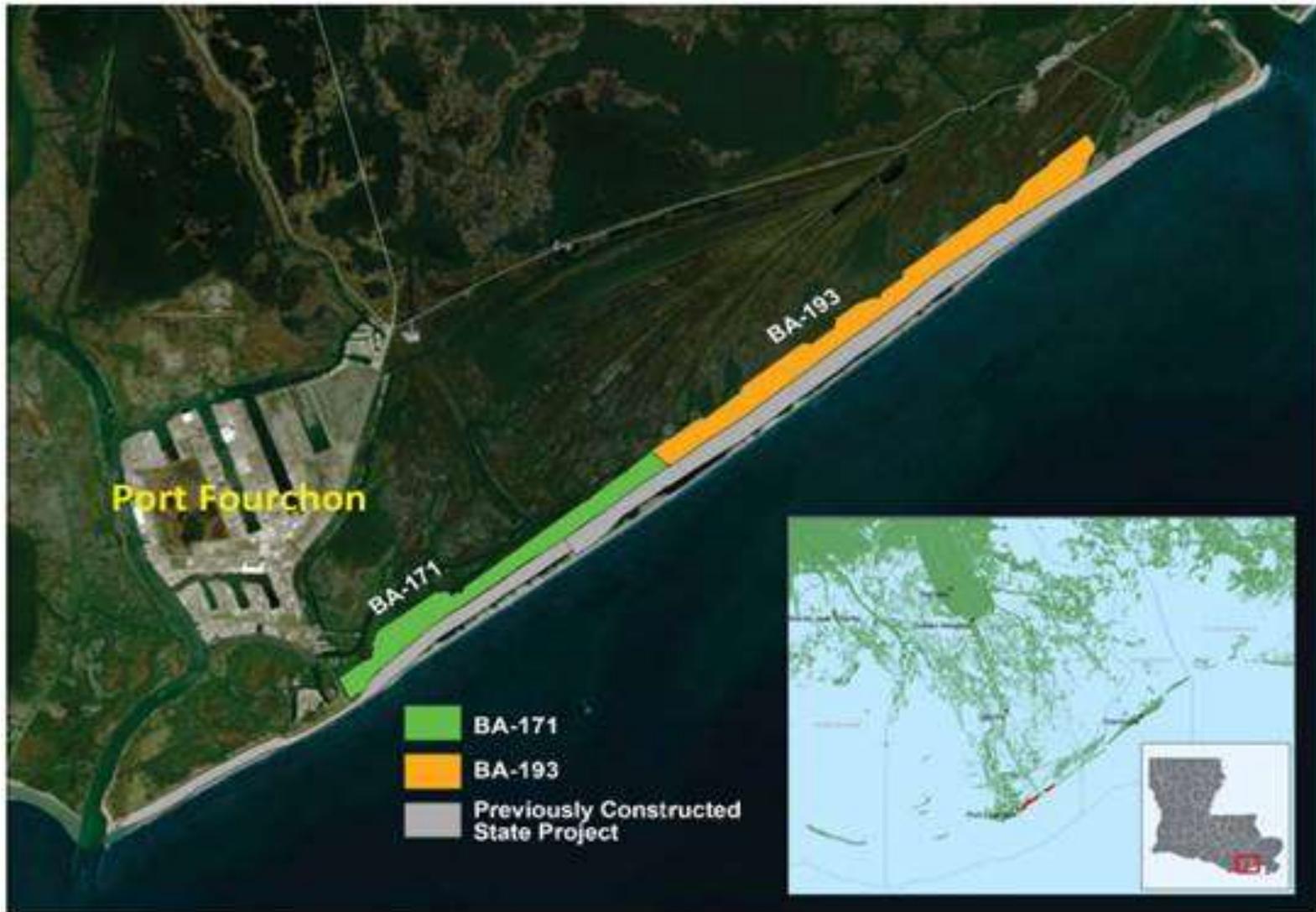
Caminada Headland Back Barrier Marsh Creation Project Increment 1 (BA-0171)



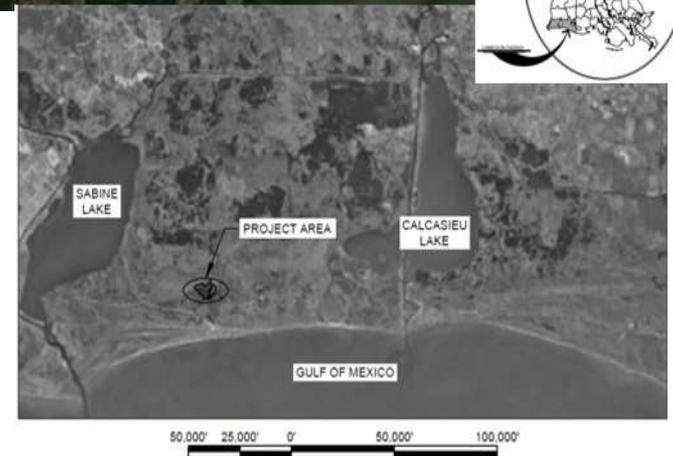
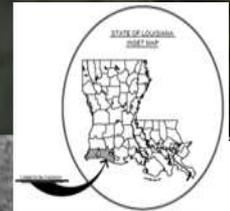
Caminada Headland Back Barrier Marsh Creation Project Increment 2 (BA-0193)



Caminada Headland Back Barrier Marsh Creation Project (BA-0171)



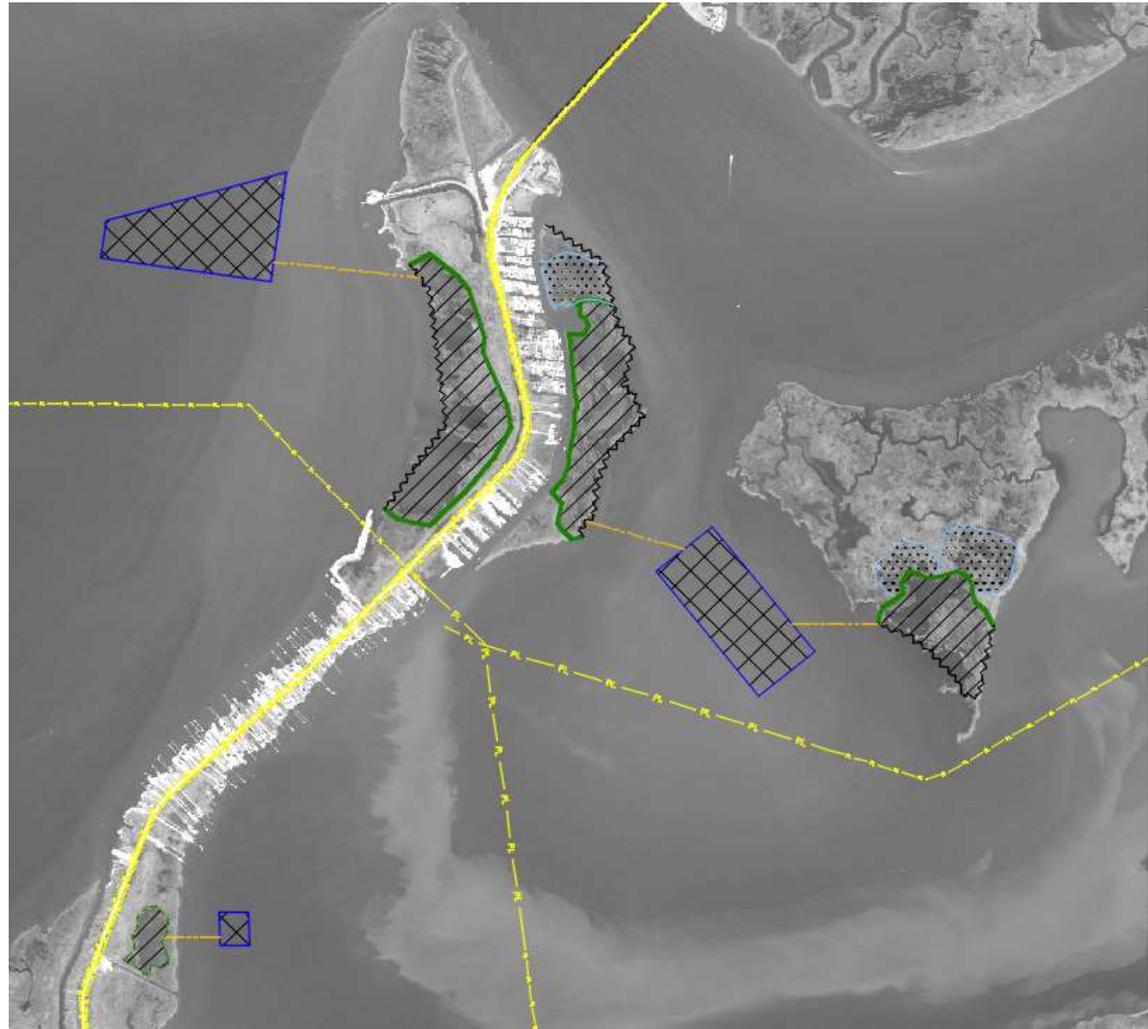
Cameron Meadows Marsh Creation Project (CS-66)



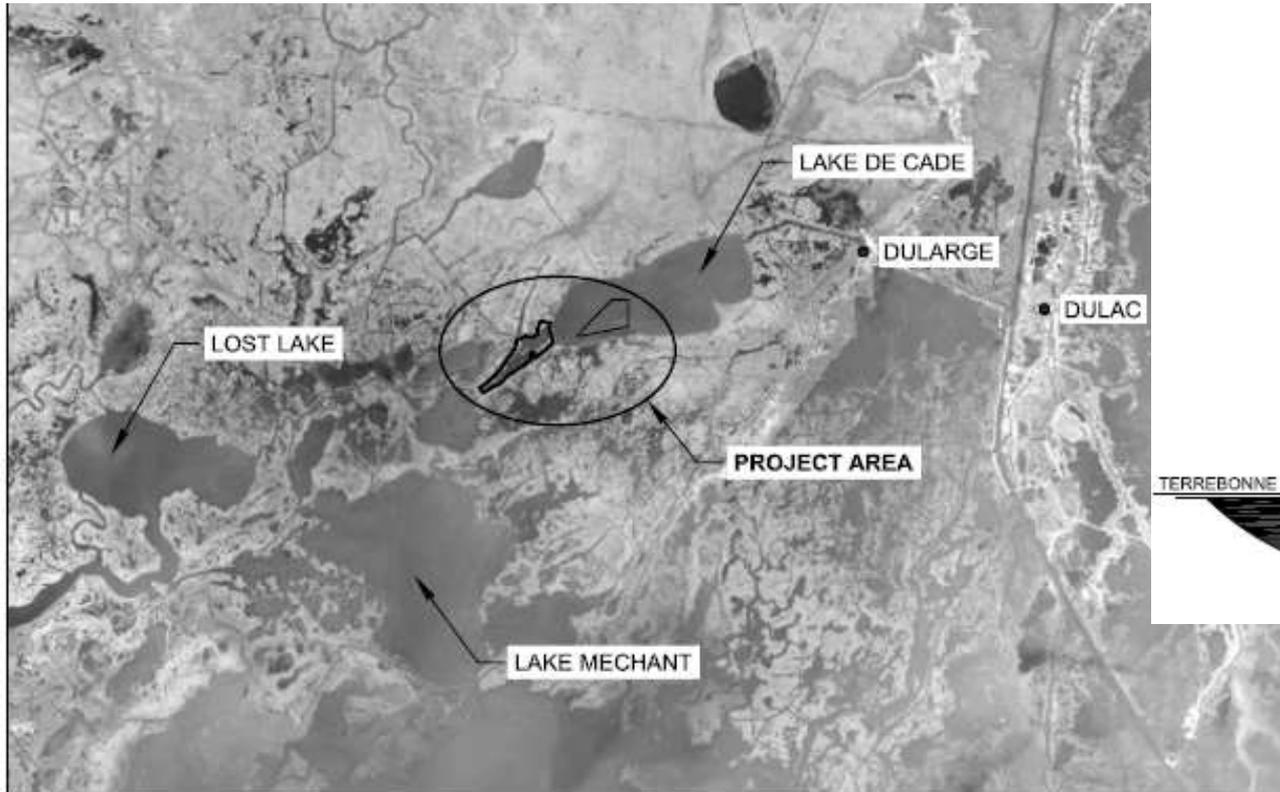
- **Project Location:** Cameron Parish
- **Borrow Location:** Gulf of Mexico
- **Marsh Creation Area:** 304 Acres
- **Terracing:** 12,150 LF
- **Estimated Dredge Quantity:** 2.6 MCY
- **Estimated Advertisement Date:** May 2019
- **Estimated Construction Duration:** 360 Days
- **Estimated Construction Costs:** \$30M-\$35M

New Orleans Landbridge Shoreline Stabilization & Marsh Creation (PO-169)

- **Location:** Orleans Parish
- **Borrow Locations:** Lakes Pontchartrain and St. Catherine
- **Project Area:** 269 Acres
- **Containment Dike:** 30,240 LF
- **Armored ECD:** 15,670 LF
- **Fill Volume:** 1.3 MCY
- **Cost:** \$15-\$20M
- **Construction Duration:** 385 days
- **Bid Date:** Spring 2020

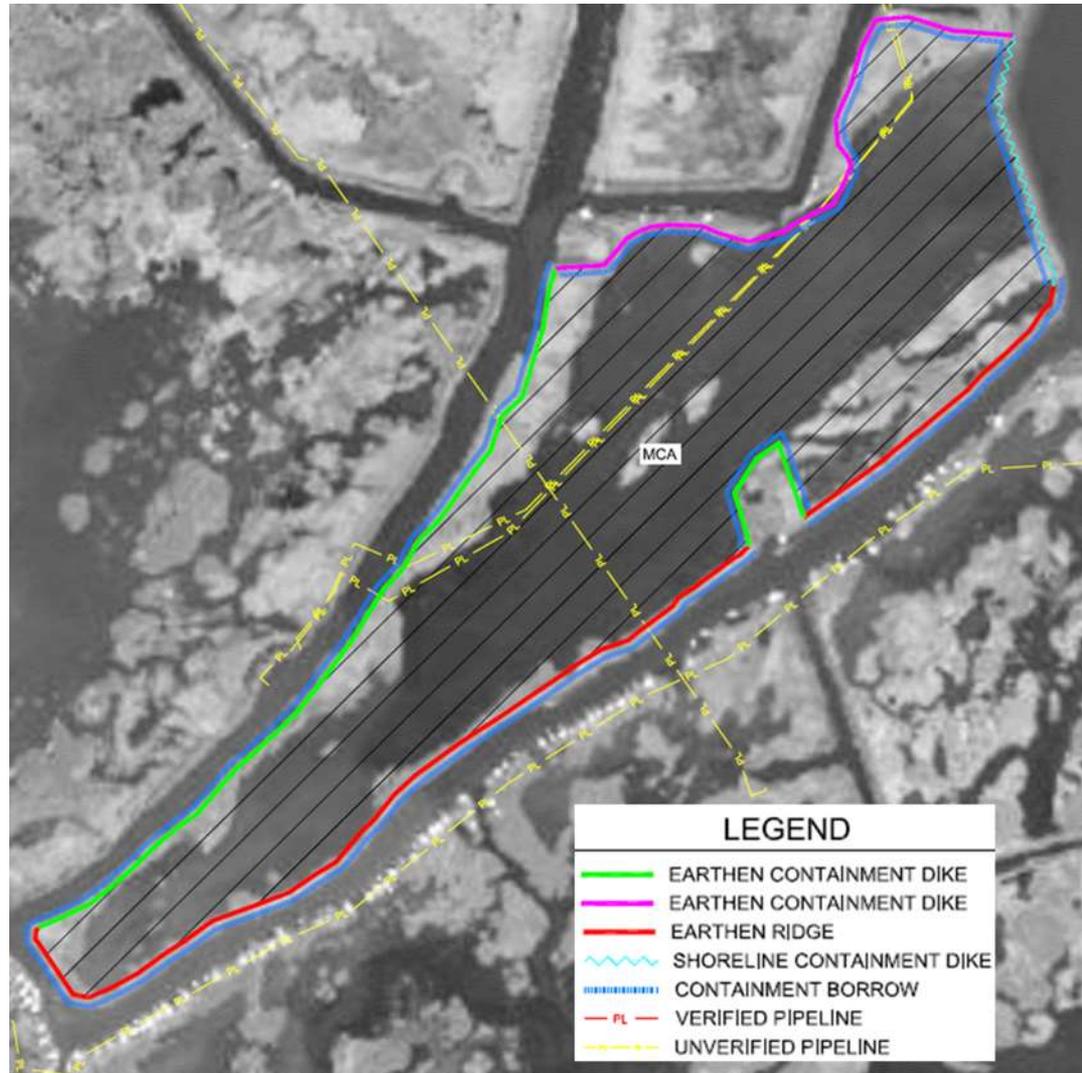


Bayou De Cade Ridge and Marsh Creation Project (TE-138)

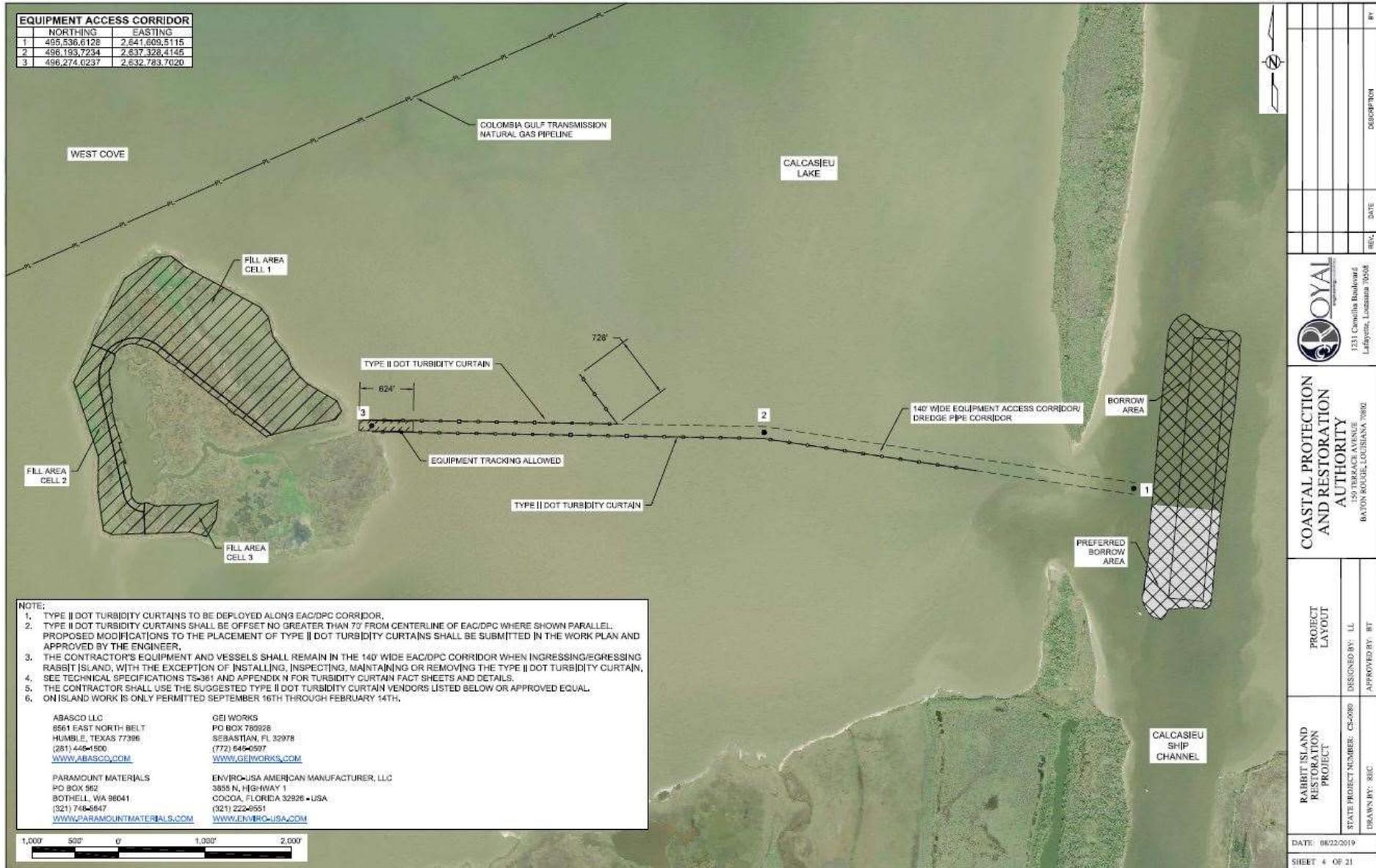


Bayou De Cade Ridge and Marsh Creation Project (TE-138)

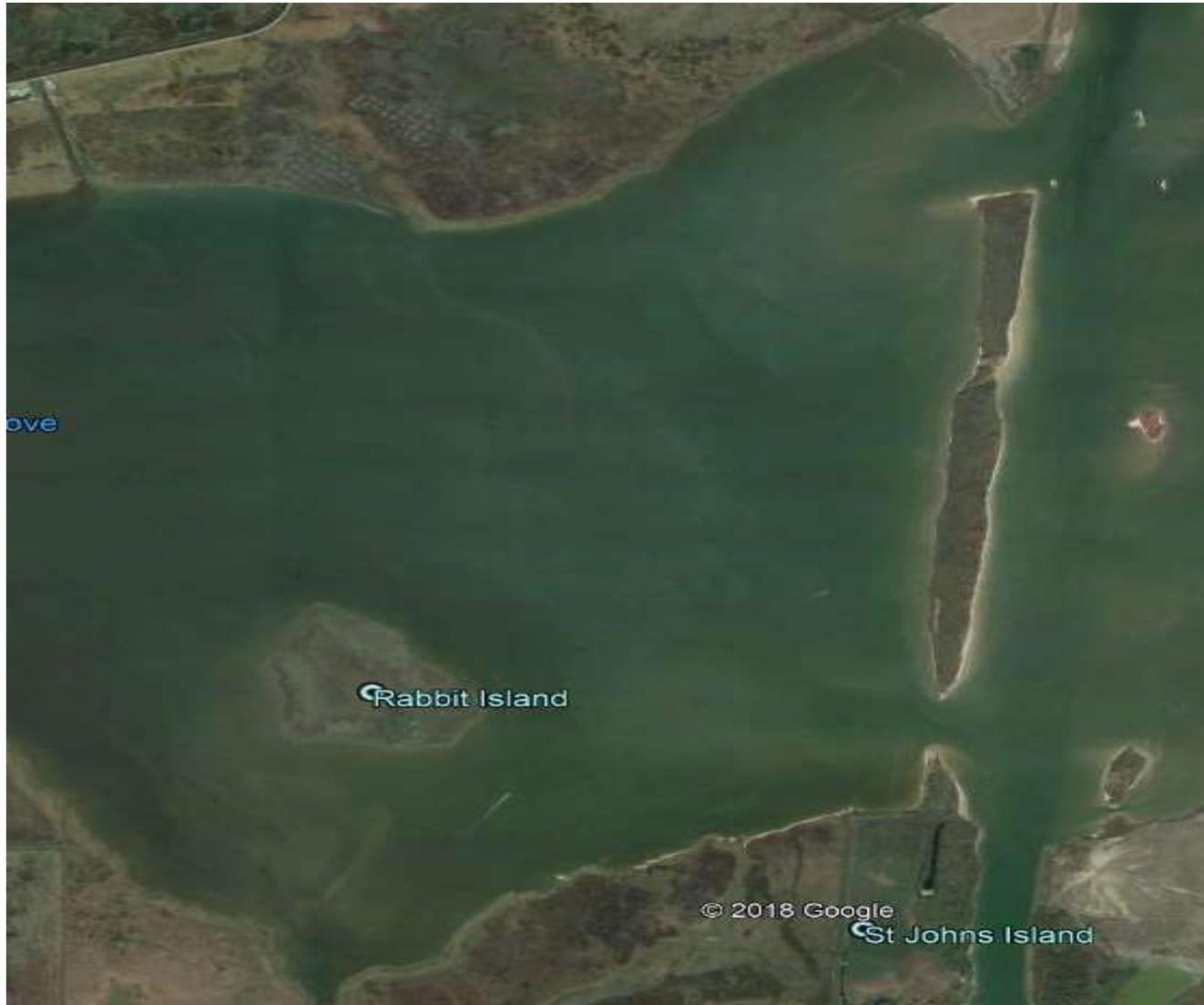
- **Project Location:** Terrebonne Parish
- **Borrow Location:** Lake De Cade
- **Marsh Creation Area:** 473 Acres
- **Estimated Dredge Quantity:** 2.7 MCY
- **Estimated Earthen Ridge:** 11,130 LF
- **Bid Date:** 2020
- **Estimated Construction Costs:** \$20M



Rabbit Island



Rabbit Island





**Photo Courtesy of Louisiana
Department of Wildlife and Fisheries**



**Photo Courtesy of Louisiana
Department of Wildlife and Fisheries**

Golden Triangle Marsh Creation



Golden Triangle Marsh Creation



Notes:

1. Coordinates are in feet based on the Louisiana State Plane Coordinate System, South Zone, North American Datum of 1983 (NAD 83).
2. Background imagery is the ESRI World Imagery, dated November 17, 2017.

Legend:

-  Marsh Creation Area
-  Borrow Area

Existing Conditions



Existing Conditions



Lake Borgne Marsh Creation - Increment One



NRDA Lake Borgne - Increment One

2900 Acres

13M CU/YDS

Total Project Cost: \$117,000,000



West Grand Terre Beach Nourishment and Stabilization



West Grand Terre Beach Nourishment and Stabilization



West Grand Terre Beach Nourishment and Stabilization



Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment

1800 acres marsh & ridge /w+12.2 to +13.9 million cubic yards





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