



Coastal Protection and  
Restoration Authority of Louisiana

# WRRDA 2014, Section 1019: CPRA Perspectives on Implementation

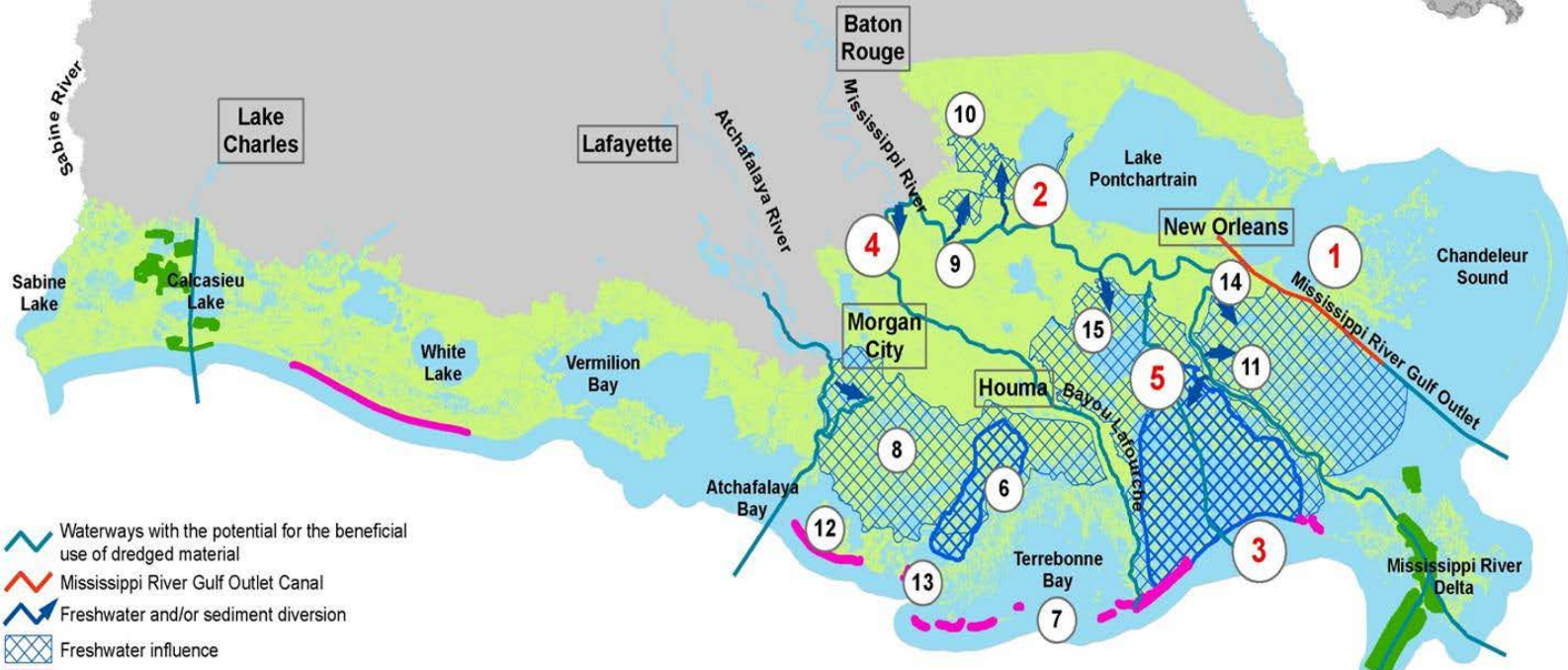
Bren Haase, Louisiana CPRA  
NCER 2016



committed to our coast

# Louisiana Coastal Area Ecosystem Restoration WRDA 2007 Title VII

- Critical restoration features:
- 1) Mississippi River Gulf Outlet Canal (MRGO) environmental restoration
  - 2) Small Diversion at Hope Canal
  - 3) Barataria Basin Barrier Shoreline Restoration
  - 4) Small Bayou Lafourche reintroduction
  - 5) Medium diversion at Myrtle Grove with dedicated dredging
  - 6) Multipurpose operation of the Houma Navigation Lock
  - 7) Terrebonne Basin Barrier Shoreline Restoration
  - 8) Convey Atchafalaya River water to northern Terrebonne marshes
  - 9) Small Diversion at Convent/Blind River
  - 10) Amite River Diversion Canal Modification
  - 11) Medium Diversion at White Ditch
  - 12) Gulf Shoreline at Point Au Fer Island
  - 13) Land bridge between Caillou Lake and the Gulf of Mexico
  - 14) Modification to the Caernarvon diversion
  - 15) Modification to Davis Pond diversion



- Waterways with the potential for the beneficial use of dredged material
- Mississippi River Gulf Outlet Canal
- Freshwater and/or sediment diversion
- Freshwater influence
- Barrier island and shoreline restoration
- Examples of potential beneficial use of dredged material site
- Louisiana coastal area

Note:  
Critical features 1-5 contingently authorized  
Critical features 6-15 conditionally authorized

**CPRA Cost Share Expenditures through January 2016 = \$29,423,849.18**

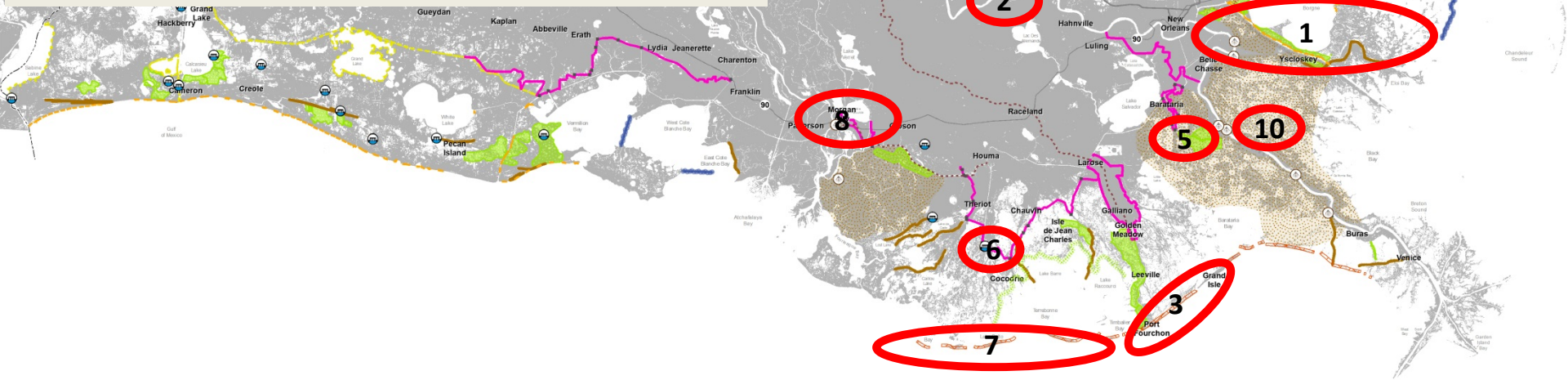
# Louisiana's 2012 Coastal Master Plan

## Southwest Coast

## Central Coast

## Southeast Coast

1. MRGO Environmental Restoration
2. Small Diversion at Hope Canal
3. Barataria Basin Barrier Shoreline Restoration
4. Small Bayou Lafourche Reintroduction
5. Medium Diversion at Myrtle Grove with Dedicated Dredging
6. Multipurpose Operation of the Houma Navigation Lock
7. Terrebonne Basin Barrier Shoreline Restoration
8. Convey Atchafalaya River Water to Northern Terrebonne Marshes
9. Amite River Diversion Canal Modification
10. Medium Diversion at White Ditch



### Projects Included:

Structural Protection	Bank Stabilization	Oyster Barrier Reef	Ridge Restoration	Shoreline Protection	Barrier Island Restoration	Marsh Creation	Sediment Diversion	Hydrologic Restoration

### Projects for Further Planning:

- Lake Pontchartrain Barrier
- Lake Charles Protection
- Terrebonne Bay Rim Marsh Creation
- Channel Realignment (Not Shown)

# Memoranda of Understanding

In Master Plan - 1st Implementation Period

## Belle Pass to Caminada Pass Barrier Island/Headland Restoration

Project ID: 002.BH.05

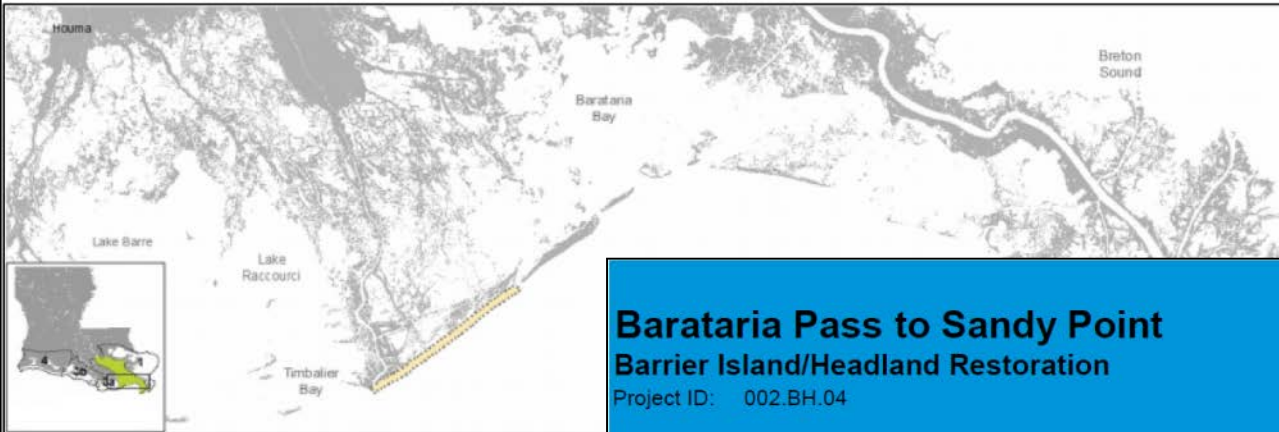


Planning Unit 1

Planning Unit 2

Planning Unit 3a

Planning Unit 3b



In Master Plan - 1st Implementation Period

## Barataria Pass to Sandy Point Barrier Island/Headland Restoration

Project ID: 002.BH.04



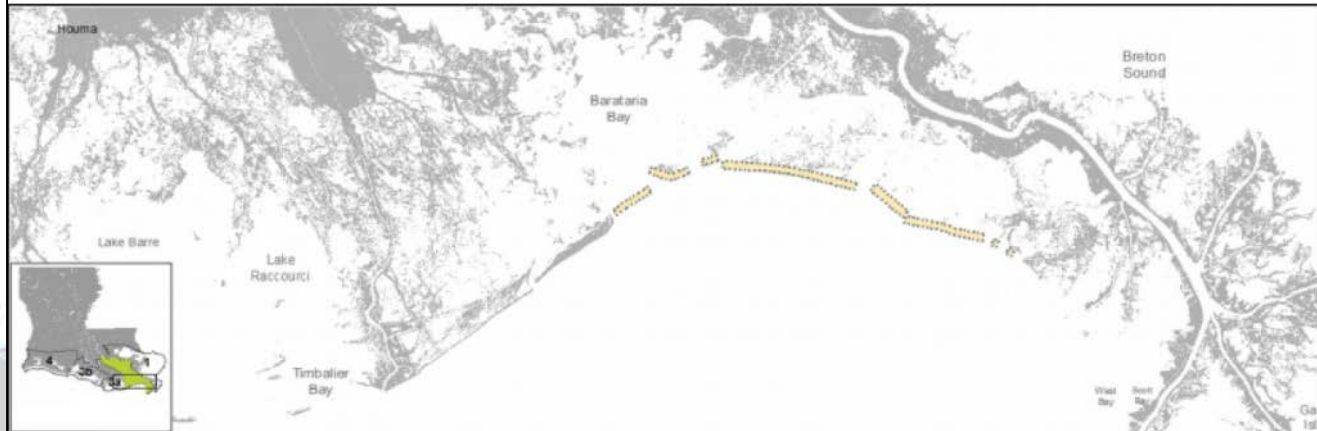
Planning Unit 1

Planning Unit 2

Planning Unit 3a

Planning Unit 3b

Planning Unit 4



# Memoranda of Understanding

In Master Plan - 1st Implementation Period

## Bayou Lafourche (1,000 cfs)

### Sediment Diversion

Project ID: 03a.DI.01



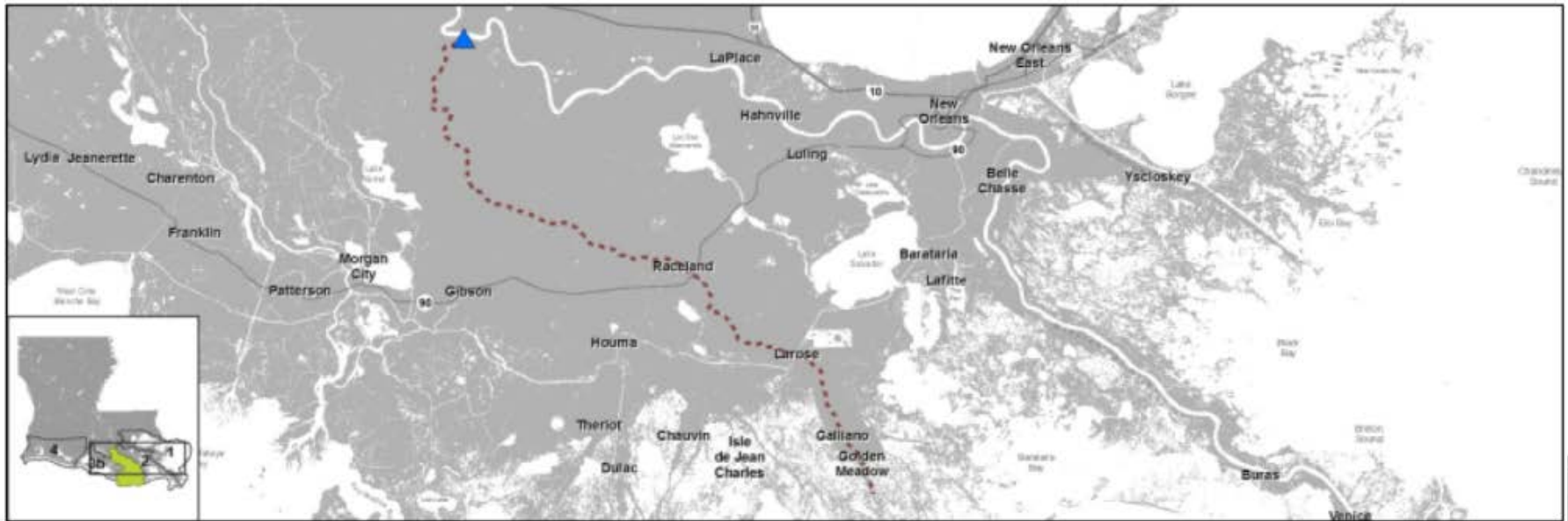
Planning Unit 1

**Planning Unit 2**

**Planning Unit 3a**

Planning Unit 3b

Planning Unit 4



# Memoranda of Understanding

In Master Plan - 1st Implementation Period

## Isles Dernieres Barrier Island/Headland Restoration

Project ID: 03a.BH.03

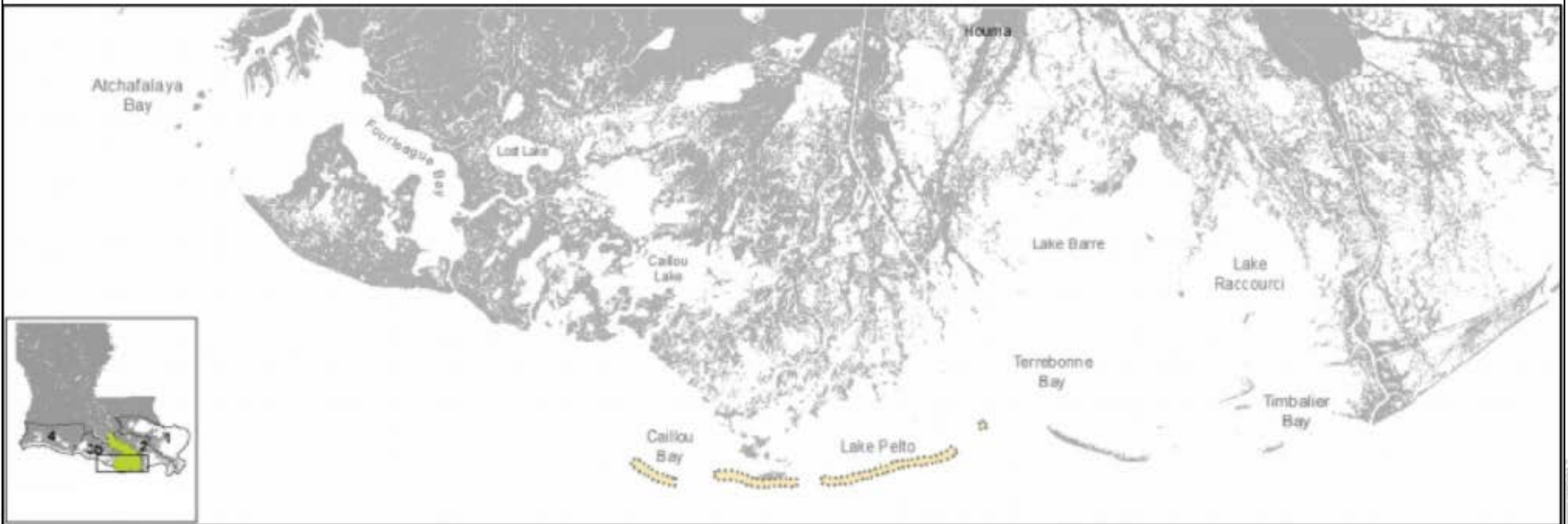


Planning Unit 1

Planning Unit 2

**Planning Unit 3a**

Planning Unit 3b





# State-Only Work to Date

## Amite River Diversion Canal Modification

- Final design completed. Currently out for bid.

## Small River Reintroduction into Bayou Lafourche

- Currently in construction with completion scheduled for December 2016.

## Terrebonne Basin Barrier Shoreline (Whiskey Island)

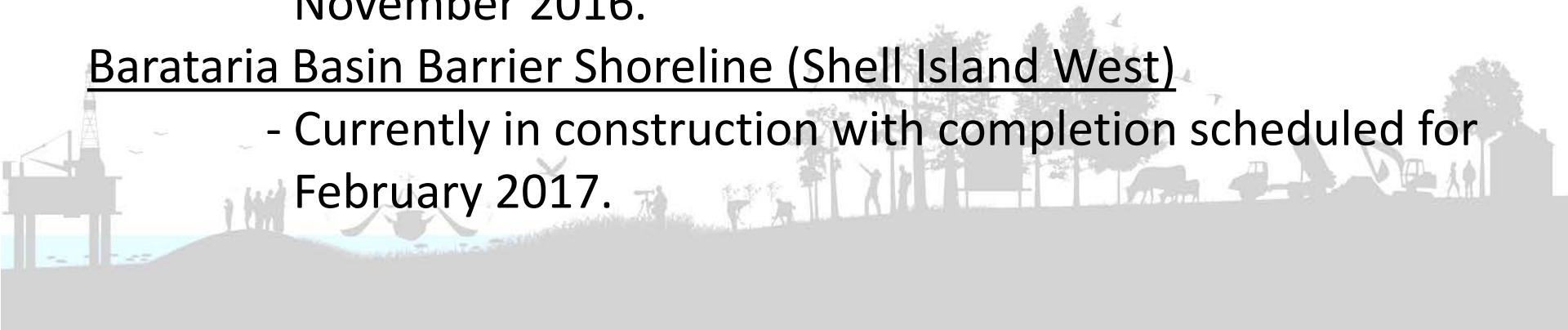
- Final design completed. Estimated construction start date of June 2016.

## Barataria Basin Barrier Shoreline (Caminada Headland Phase II)

- Currently in construction with completion scheduled for November 2016.

## Barataria Basin Barrier Shoreline (Shell Island West)

- Currently in construction with completion scheduled for February 2017.







# Challenges

- Corps Review
- Corps Policy
- Separable Elements
- Real Estate
- Operations and Maintenance





**Questions?**