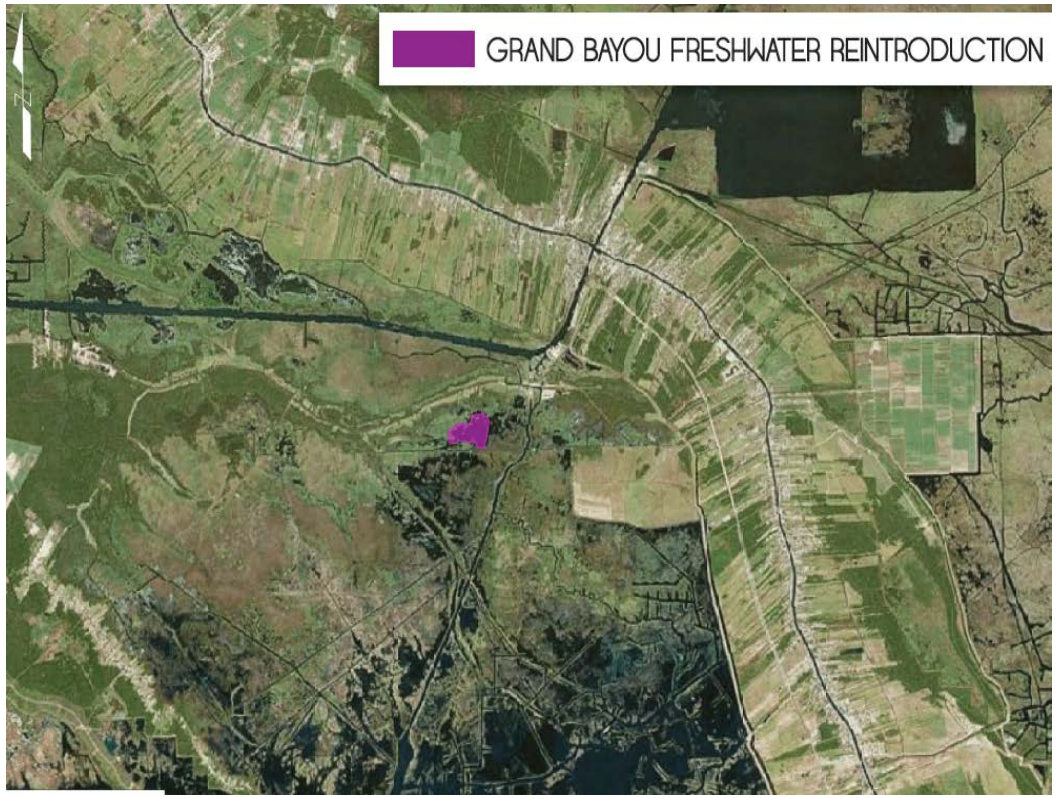
Grand Bayou Freshwater Reintroduction

Project Goal - Increase the flow of freshwater from the Atchafalaya River down Grand Bayou Canal via the Gulf Intracoastal Waterway (GIWW). This reintroduction of fresh river water will lower salinities and add nutrients to the wetlands south of the GIWW along the east and west banks of Grand Bayou Canal.

The project is intended to increase the flow of freshwater from the GIWW into Grand Bayou Canal from approximately 600 cubic feet per second to 1,600 cubic feet per second; redirect much of the freshwater from Grand Bayou Canal into the marshes east and west of Grand Bayou Canal; create 112 acres of fresh marsh; and nourish an additional 14 acres of intermediate marsh west of Grand Bayou Canal near Highway 24.

CPRA Parish Matching Program Award -
Parish Match Allocation from CPRA- $412,722
Lafourche Parish RESTORE Act funding - $275,147
Currently in E&D



Golden Meadow Marsh Creation

Coastal Restoration Partnership Fund through CPRA
(Phase I &II)
CPRA Match - $930,000
Lafourche Parish Match - $500,000
Conoco Philips/DU Match - $770,000
Construction beginning late 2018/early 2019

The purpose of this project is to place locally dredged sediment within an area of eroded coastal marsh, restoring its ability to support waterfowl and provide vital wave and storm surge protection for the adjacent South Lafourche Levee District hurricane protection levee.

Phase I – approx. 40 acre marsh creation
Phase II – approx. 30 acres marsh nourishment/creation

Bayou Lafourche Saltwater Control Structure

State/Coastal Impact Assistance Program (CIAP)
$4.125 million
Completed in 2016

The purpose of this project is to construct a barge-gate/weir capable of preventing saltwater intrusion coming up the bayou, while also being able to act as a weir and form a reservoir on the north side of the structure.

Mississippi River Reintroduction into Bayou Lafourche Phase II

The purpose of this project to continue where Phase I dredging ended just north of Highway 998. The project will remove vegetation and nearly 800,000 cubic yards of sediment in the 8.3 miles between Belle Rose and Napoleonville. Project is not located in Lafourche Parish but its benefits extend into the parish.

The increased conveyance capacity will allow for more fresh water to enhance the water quality in the bayou, which serves as the main source of drinking water for more than 300,000 people and is the primary water source for offshore oil and gas activity in the Gulf of Mexico. Increasing the amount of fresh water flow into Bayou Lafourche will also have a positive impact on the coastal wetlands surrounding the Bayou by replenishing these areas with a continuous supply of fresh water, and also by combatting the further encroachment of saltwater from the Gulf. (BLFWD)

State/Coastal Impact Assistance Program (CIAP)
$20 million
Completed in 2017

Caminada Headland Beach and Dune Restoration Increment II

National Fish and Wildlife Foundation (NFWF) through CPRA
$145.7 million
Completed in 2016

The purpose of this project to restore and protect beach and dune habitat across the Caminada Headland through the direct placement of approximately 5.4 million cubic yards of sandy material from Ship Shoal (an offshore borrow source). The project footprint begins near Bayou Moreau and extends over 7 miles east towards Caminada Pass. A total of 489 acres of beach and dune habitat will be restored. (CPRA)

Kraemer Bayou Boeuf Levee Lift

State/CPRA
$1 million
Completed in 2018

The purpose of this project is to enhance the 33,000 foot ring levee surrounding the community south of Lac des Allemands by clearing woody vegetation encroaching on the levee in preparation for a future levee lift. The project will also improve drainage by cleaning out the canal adjacent to the levee, place excavated material on the levee itself, and replace two culverts to further improve drainage.

Cut Off/Pointe Aux Chene Levee

State/HUD/CDBG
$9.6 million
Under construction

The purpose of this project is to improve approximately 2.1 miles of existing levee near Cut Off, Louisiana (Reach L) to a minimum constant crest elevation of 8’.

Caminada Back Barrier Marsh Creation

CWPPRA
$28.7 million
Approved for Phase II Construction Funding in February 2018

The purpose of this project is to create and/or nourish 385 acres of back barrier marsh, by pumping sediment from an offshore borrow site, create a platform upon which the beach and dune can migrate, reducing the likelihood of breaching, improving the longevity of the barrier shoreline, and protecting wetlands and infrastructure to the north and west. The proposed project is expected to slow the current trend of degradation in the headland.

Caminada Back Barrier Marsh Creation Increment II

CWPPRA

Approved for Phase I E&D Funding in January 2016 - $3.03 million
Will be up for approval for Phase II Construction Funding in December 2018 - $24.9 million

This project would create 246 acres of back barrier intertidal marsh and nourish 198 acres of emergent marsh using dredged material pumped from the Gulf of Mexico. The marsh creation and nourishment cells are designed to minimize impacts on existing marsh and mangroves.

East Leeville Marsh Creation and Nourishment

CWPPRA
$4.02 million
Approved for Phase I E&D funding in January 2016

The purpose of this project is to create approximately 358 acres and nourish 124 acres of saline marsh east of Leeville. This project would restore the structural framework of marshes to promote coastal wetland habitat and afford some protection for the community of Leeville.

West Fourchon Marsh Creation

CWPPRA
$3.2 million
Approved for Phase I E&D funding in January 2015

The purpose of this project is to create 302 acres of saline intertidal marsh and nourish 312 acres of emergent marsh using material dredged from the Gulf of Mexico, southwest of the project area.

North Catfish Lake Marsh Creation

CWPPRA
$3.21 million
Approved for Phase I E&D funding in January 2013

The purpose of this project is to create marsh habitat and reestablish the northern shoreline of Catfish Lake. Sediment dredged from Catfish Lake will be used to strategically create marsh along the northern shoreline. Sediments will be hydraulically dredged from Catfish Lake and pumped via pipeline to create approximately 415 acres of marsh habitat and nourish an additional 251 acres of marsh habitat.