



## St. Mary Parish Coastal Projects

### PROJECTS IN CONSTRUCTION

#### **Bayou Chene Floodgate (AT-0017)**

GOMESA – Estimated Cost \$75,000,000

The objectives of the current phase for the Bayou Chene Flood Protection Structure (AT-0017) project are to engineer and design a project that will reduce backwater flooding from the Atchafalaya River conveying into Bayou Chene during a Mississippi River high water event, protecting St. Mary, Terrebonne, Lafourche, Assumption, Lower St. Martin and Iberville Parishes. In addition, the Project would promote community resilience and reduce risk to infrastructure by providing backwater flood protection.

### PROJECTS IN ENGINEERING AND DESIGN

#### **Increase Atchafalaya Flow to Terrebonne (TE-0110)**

NFWF - Estimated Cost \$415 million

The purpose of the project is to utilize freshwater and sediment from the Atchafalaya River in order to build, sustain, and maintain wetlands within the Terrebonne Basin. The project intends to dredge the GIWW east of the Atchafalaya and install a bypass structure at Bayou Boeuf Lock to increase freshwater and sediment flows from Atchafalaya River to Terrebonne marshes.

### PROJECTS IN PLANNING

#### **Atchafalaya Delta WMA Boat Access Project (AT-0019)**

NRDA – Estimated Cost \$920,450

The Atchafalaya Delta WMA Boat Access project involves dredging two site-specific areas in order to enhance recreational access for hunters, anglers, and wildlife viewers. Access will enhance the ability for anglers and hunters to access the Breaux Pass, Cul-de-sac Pass, and many interior waterways and wetlands of the Atchafalaya Delta WMA. The project is located on the Main Delta of the Atchafalaya River and designed to restore hydrology to two shoaled passes. Dredged sediment will be used beneficially to enrich and nourish wetlands.

#### **Atchafalaya Delta WMA Campground Improvements (AT-0020)**

NRDA – Estimated Cost \$3,248,000

The project will enhance the recreation setting and opportunity for boaters and hunters to camp by offering a safe, protected campsite that is accessible by boaters. LDWF proposes to install a bulkhead along the campground approximately 30 feet from the existing shoreline on the east side of the campground

#### **South Central Coastal Plan (TV-0054)**

State - Estimated Cost \$970,000

The project integrates ecosystem restoration and hurricane protection alternatives to address the coastal issues of South Central Louisiana.

## **NRDA REC USE PROJECTS**

### **Chitimacha Boat Launch**

NRDA– Chitimacha Tribe - \$650,000

Construction of a new boat launch, parking area, pavilion, and trails.

### **Improvements to Grand Avoille Boat Launch**

NRDA– St. Mary’s Parish - \$247,426

Construction of a new concrete boat ramp and apron, installation of wooden docks; improvements to parking areas.

### **Cypremort Point State Park Improvements**

NRDA – State Parks - \$4,477,338

The project will restore diminishing fishing and recreational opportunities, provide new opportunities for recreational and educational use, restore beach habitat for both recreation and wildlife, and provide protection of coastal nearshore marine habitats and recreational infrastructure. This involves five elements: 1) reinforcing the existing rock jetties, mainly along the entry road, to prevent further erosion on the Quintana Canal side; 2) replacing the breakwater system that previously protected the beach from erosion; 3) restoring the degraded beach to its condition before it was eroded; 4) installing a new marsh boardwalk to replace destroyed fishing piers; and 5) repairing and upgrading existing roads damaged by repeated flooding.

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NRDA – Estimated Cost \$3,248,000

The project will enhance the recreation setting and opportunity for boaters and hunters to camp by offering a safe, protected campsite that is accessible by boaters. LDWF proposes to install a bulkhead along the campground approximately 30 feet from the existing shoreline on the east side of the campground.

### **Statewide Artificial Reefs**

NRDA – LDWF – Estimated Cost \$6,000,000

This project enhances eleven multipurpose reef sites across coastal Louisiana.

## COMPLETED PROJECTS

### Projects Completed in FY 2018

#### **St. Mary Backwater Flooding (TE-0116)**

State - Cost \$10.4 million

This project provides for flood protection improvement to the current Morgan City flood protection system by raising some of the existing levees to elevations as identified in the March 27, 2013 report by T. Baker Smith.

#### **Morgan City/ St. Mary Flood Protection (TV-0055)**

State - Estimated Cost \$11 million

This project will provide flood protection improvements by raising or improving over 2.5 miles of the current levee system in the Morgan City area. Bids were opened on December 13, 2016.

### Projects Completed in FY 2016

#### **Franklin Floodgate Sinkable Barge and Pump Station (Phase 2) (TV-0052-2)**

CDBG - Total Cost \$2,481,000/State Dollars \$2,481,000

This project consisted of construction of a pump station on Franklin Canal to prevent storm surge from inundating the town of Franklin.

### Projects Completed in FY 2015

#### **Morgan City Industrial Road (AT-0005)**

CIAP Total Cost \$1,247,000/State Dollars \$335,000

The objective of this project is to reduce the truck traffic through the nearby residential neighborhoods and provide better access to the industrial facilities and the museum by rerouting the traffic onto the new road constructed.

### Projects Completed in FY 2014

#### **Franklin Floodgate Sinkable Barge and Pump Station (Phase 1) (TV-0052-1)**

CDBG - Total Cost \$4,031,997/State Dollars \$4,031,997

This project consisted of construction of a levee, flood wall, and sinkable barge structure, on Franklin Canal to prevent storm surge from inundating the town of Franklin.

## 2017 COASTAL MASTER PLAN PROJECTS

### Risk Reduction Projects Year 1-30

#### **Amelia Levee Improvements (03b.HP.08)**

Construction of a levee to an elevation of 18 feet NAVD88 along the GIWW between Lake Palourde and the Bayou Boeuf Lock near Amelia. Project features approximately 46,400 feet of earthen levee, approximately 13,400 feet of T-wall, (4) 40-foot roller gates, (1) 250-foot barge gate, (1) 110-foot barge gate, and a 5,000 cfs pump station.

**Bayou Chene (03b.HP.13)**

Construction of a structure across Bayou Chene near Amelia.

**Iberia/St. Mary Upland Levee (03b.HP.14)**

Construction of a levee to an elevation between 15.5 to 20 feet NAVD88 in Iberia and St. Mary Parishes between the Delcambre Canal and the Charenton Canal. Project features approximately 158,300 feet of earthen levee, approximately 15,100 feet of T-wall, (3) 110-foot barge gates, (5) 30-foot barge gates, (8) 24-foot sluice gates, (11) 16-foot sluice gates, (11) 8-foot sluice gates, (2) 40-foot swing gates, (2) 40-foot roller gates, and (7) pump stations with a total capacity of 16,320 cfs.

**St. Mary - Franklin/Charenton Nonstructural Risk Reduction (STM.04N)**

Project includes floodproofing non-residential properties where 100-year flood depths are 1-3 feet, elevating residential properties where 100-year flood depths are 3-14 feet, and acquiring residential properties where 100-year flood depths are greater than 14 feet.

**St. Mary - Lower Nonstructural Risk Reduction (STM.05N)**

Project includes floodproofing non-residential properties where 100-year flood depths are 1-3 feet, elevating residential properties where 100-year flood depths are 3-14 feet, and acquiring residential properties where 100-year flood depths are greater than 14 feet.

**Risk Reduction Projects Year 31-50****Morgan City Back Levee (03b.HP.10)**

Construction of a levee to an elevation between 10 and 12 feet NAVD88 to protect the northern side of Morgan City. Project features approximately 30,600 feet of earthen levee, approximately 4,600 feet of T-wall, (1) 40-foot swing gate, (1) 30-foot barge gate, and (1) pump station with a total capacity of 1,604 cfs.

**Franklin and Vicinity (03b.HP.12)**

Improvements of existing levees to an elevation between 12.5 and 18 feet NAVD88 from the Wax Lake Outlet to the Charenton Canal as well as the Bayou Sale polder. Project features approximately 204,600 feet of earthen levee, approximately 8,700 feet of T-wall, (2) 16-foot sluice gates, and (1) 40-foot roller gate.

**St. Mary - Morgan City Nonstructural Risk Reduction (STM.01N)**

Project includes floodproofing non-residential properties where 100-year flood depths are 1-3 feet, elevating residential properties where 100-year flood depths are 3-14 feet, and acquiring residential properties where 100-year flood depths are greater than 14 feet.

**St. Mary - Glencoe Nonstructural Risk Reduction (STM.02N)**

Project includes floodproofing non-residential properties where 100-year flood depths are 1-3 feet, elevating residential properties where 100-year flood depths are 3-14 feet, and acquiring residential properties where 100-year flood depths are greater than 14 feet.

**St. Mary - Patterson Nonstructural Risk Reduction (STM.03N)**

Project includes floodproofing non-residential properties where 100-year flood depths are 1-3 feet, elevating residential properties where 100-year flood depths are 3-14 feet, and acquiring residential properties where 100-year flood depths are greater than 14 feet.

**Restoration Projects: Year 1-10**

**Increase Atchafalaya Flow to Terrebonne (03b.DI.04)**

Dredging of Gulf Intracoastal Waterway (GIWW) and construction of a bypass structure at the Bayou Boeuf Lock from the Atchafalaya River to Terrebonne marshes with a 20,000 cfs capacity.