



Coastal Protection and Restoration Authority



Calcasieu Parish Coastal Projects

PROJECTS IN ENGINEERING AND DESIGN

Calcasieu Ship Channel Salinity Control Measures (CS-0065)

RESTORE - Estimated Cost \$432,161,676

This project consists of the construction of multiple features along or near the Calcasieu Ship Channel to manage salinity introduction into adjacent water bodies through the channel and reduce the rate of wetland loss in the surrounding wetlands. Measures would control salinity spikes and would be constructed in a manner that would allow for the continued functioning and ideally improvement and increased viability of the Calcasieu Ship Channel and the Port of Lake Charles.

PROJECTS IN PLANNING

Southwest Coastal Louisiana Feasibility Study (LA-0020)

WRDA - Estimated Total Cost \$3,392,226,000

The project consists of an integrated suite of ecosystem restoration and hurricane protection measures to address the coastal issues of Southwest Louisiana (including coastal areas in Acadia, Beauregard, Calcasieu, Cameron, Iberia, Jefferson Davis, Lafayette, and Vermilion parishes). Component measures include shoreline stabilization, marsh creation, salinity control, hurricane protection, and chenier restoration.

COMPLETED PROJECTS

Projects Completed in 2010

Black Bayou Culverts Hydrologic Restoration (CS-0029)

CWPPRA - Total Cost \$6,641,125 / State Dollars \$808,669

This project involved the construction of 10 box culverts (10 ft x 10 ft) with flap gates in the embankment of Highway 384 in Cameron Parish.

2017 MASTER PLAN PROJECTS

Restoration Projects: Year 1-10

Calcasieu Ship Channel Salinity Control Measures (004.HR.06);

Construction of sill and wall structures in West Pass, East Pass, Lake Wall, Long Point Lake, Nine Mile Cut, Dugas Cut 1, Dugas Cut 2, Texaco Cut, Turner's Bay, Salt Ditch, Drainage Canal, and Choupique Bayou to prevent saltwater intrusion into the Calcasieu Ship Channel.

Risk Reduction Projects: Year 1-30

Calcasieu Nonstructural Risk Reduction (CAL.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.