



NFWF

Gulf Environmental Benefit Fund

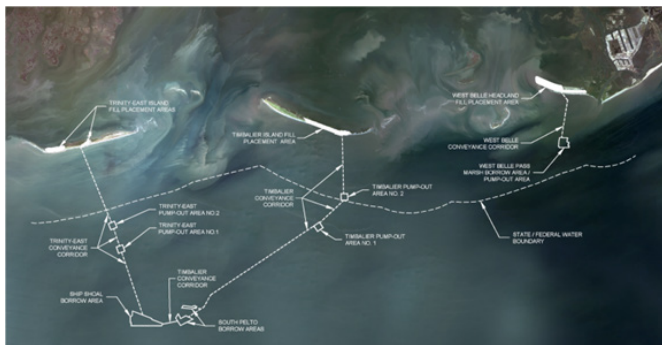
LOUISIANA

East Timbalier Island: Engineering & Design

This project advanced necessary planning analysis to determine size and scope of the project as well as engineering, design, land rights and permitting activities associated with critical barrier islands in lower Terrebonne Bay.

East Timbalier Island has been severely degraded due to the impacts of several strong storms, subsidence and other factors. Historically, the island served to define the seaward boundary of the eastern Terrebonne Basin estuary, reducing the transmission of Gulf waves into Terrebonne Bay. This project was critical to maintaining lower wave-energy environments in eastern Terrebonne Basin, which protects fragile interior marshes and infrastructure and provides quiescent bay habitats preferred by many fish and invertebrate species. In addition, the island provides critical beach, dune, and marsh habitat in isolation from the human disturbances that typically impact many gulf coast barrier islands.

During the design of East Timbalier Island, a breach occurred and caused rapid degradation of the island. Final surveys and revised sediment quantities led to an increase in estimated construction costs. Because of the limited sediment and financial resources available for barrier island restoration, CPRA made the decision to pursue a more cost effective and sustainable project path of restoring West Belle Headland, Timbalier Island, and Trinity-East Island.



Project developed plans to restore three barrier shorelines in Terrebonne Parish.

AT A GLANCE

RECIPIENT:

Louisiana Coastal Protection and Restoration Authority (CPRA)

AWARD AMOUNT:

\$7,066,888

LOCATION:

Lafourche Parish, Louisiana

AWARD DATE:

November 2013

STATUS:

Closed

PROGRESS UPDATE:

Project closed July 2020.



The Gulf Environmental Benefit Fund (GEBF), administered by the National Fish and Wildlife Foundation, supports projects to remedy harm and eliminate or reduce the risk of harm to Gulf Coast natural resources affected by the 2010 Deepwater Horizon oil spill. To learn more about GEBF and view a comprehensive project map go to www.nfwf.org/Gulf