TEXAS

Greens Lake Shoreline Protection and Marsh Construction Project- Phase II

This project will complete construction of 3.3 miles of shoreline protection breakwaters along a highly-eroded section of the Gulf Intercoastal Waterway (GIWW) adjacent to the Greens Lake Marsh Complex. The Greens Lake Marsh Complex is a 5,100 acre coastal marsh complex adjacent to West Galveston Bay that consists of ecologically important coastal habitats including fresh and brackish coastal marsh, transitional high marsh and coastal prairie, dendritic tidal channels, and open water containing submerged aquatic vegetation and oyster beds. These habitats are critically important for numerous species of waterfowl, shorebirds and wading birds.

Phase I of this effort completed surveys, analysis, and engineering and design work. This section of the GIWW has been rated as one of the highest priorities in need of shoreline restoration. Protection and restoration of the Greens Lake Marsh Complex will enhance critical coastal marsh habitats which have been degraded by effects of shoreline erosion and saltwater intrusion. Additional restoration activities in the marsh complex will enhance and replenish coastal habitats that were adversely impacted by the Deepwater Horizon Oil Spill. The proposed project is aligned with other critical habitat protection and restoration activities in Galveston Bay and will build upon and enhance previous conservation areas by protecting and restoring valuable habitat within the West Bay Conservation Corridor.

AT A GLANCE

RECIPIENT:
Ducks Unlimited

AWARD AMOUNT:
$4,025,000

PARTNERS:
Galveston Bay Foundation

LOCATION:
Greens Lake Marsh, Galveston County

AWARD DATE:
November 2018

STATUS:
Awarded