This construction project will restore and protect over 500 acres of degraded wetlands and protect 6,800 linear feet of vulnerable shorelines from erosion within the Dollar Bay-Moses Lake complex in Galveston Bay, Texas. Dollar Bay and Moses Lake are contiguous bodies of estuarine marsh adjacent to western Galveston Bay that are highly productive habitat important to the life cycle of a number of species. Subsidence, shoreline erosion and salt water intrusion have greatly impacted these ecologically productive areas. This investment will build upon earlier efforts under the Gulf Environmental Benefit Fund that funded engineering, design and permitting of this project.

Overall, the protection of this critical coastal habitat will contribute to the larger landscape scale conservation efforts in West Galveston Bay, which has lost over 35,000 acres of intertidal wetlands since the 1950s. Historical subsidence coupled with shoreline erosion has greatly impacted these areas, converting marsh to open water and threatening important habitat and feeding grounds for dozens of species of birds and estuarine-dependent species including shrimp, red drum, and blue crab.

RECIPIENTS
Galveston Bay Foundation

AWARD AMOUNT
$850,000

LEVERAGE
$1,030,000

PARTNERS
USFWS
Texas General Land Office
The Nature Conservancy
Shell Oil Company
NRG Energy

LOCATION
Galveston County, Texas

AWARD DATE
November 2016

STATUS
Active

PROGRESS UPDATE
Construction of 15 breakwater structures is complete. Wetland planting activities are scheduled for spring and early summer 2019. (January 2019)