This project would complete engineering and design for the restoration of the beach ridge system between High Island and Sea Rim State Park on the Texas Upper Coast. The total length of the beach ridge restoration is 20 miles, of which 3 miles has been restored as a pilot and will inform the final design.

This project is located along the shoreline of McFaddin National Wildlife Refuge and Sea Rim State Park. Restoration of the coastal dunes and beaches is intended to enhance habitat for shorebirds and sea turtles while also protecting the largest contiguous estuarine marsh complex in Texas. This complex supports a significant percentage of Nation’s waterfowl and shorebirds that overwinter along the coast, as well as numerous other resident waterbirds and other wildlife. Hurricanes destroyed the dune system and frequent overwash during storms threatens the viability of the marsh due to increased salinity. Restoring the beach ridge system will increase resilience of this important coastal landscape.

The target beach ridge restoration area borders and protects the largest contiguous estuarine marsh complex in Texas.