

Slidell Breakwater Restoration Feasibility Study

Slidell, LA

Owner

St Tammany Parish
Government (Neel-
Schaffer, Engineering)

Point of Contact

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Completion Date for Design

2022

Completion Date for Construction

N/A

Project Disciplines

- Feasibility Study
- Costal Resilience
- Landscape Architecture

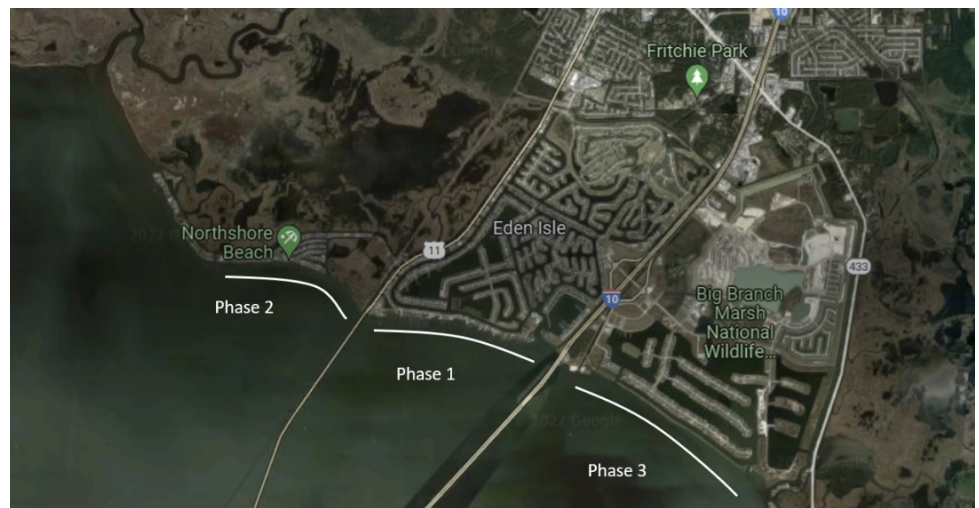
General Scope of Project

St Tammany Parish Government has hired Neel-Schaffer Engineering to conduct a costal process study for a potentially 6-mile shoreline area Of Lake Pontchartrain between the I-10 twin span bridge and Hwy 11. The purpose of this project is to provide future protection from wave energy, wave-induced erosion, and provide additional habitat for Fisheries as well as coastal resilience for the greater Slidell community. The area of the study includes

- Phase 1 – Eden
- Phase 2 – Carr Drive
- Phase 3 – Lakeview Drive

The team is responsible for performing a feasibility study to determine the real and ongoing negative consequences to the immediate shoreline and littoral habitat found within the study area, with the goal of developing a set of potential solutions to meet the following goals

1. Providing shoreline protection and coastal resilience improvements for the impacted communities
2. Provide shoreline improvements to combat erosive effects of storm-enhanced wave action
3. Provide existing habitat and provide additional habitats for native flora and fauna fishery communities



Wingate, as a subconsultant to Neel-Schaffer, has been engaged to assist in design efforts by providing 3 alternative preliminary design recommendations for both Phase 1 – Eden Isles as well as Phase 2 – Carr Drive. Wingate is responsible for reviewing and developing figures of know utilities and inclusion of information of project plan development. Wingate is also assisting in the development of alternative designs, while drafting sections for each of the alternative design plans, with an emphasis on developing access corridors along the breakwater from deeper waterways for barge and marine traffic