

Smith Point County Park Erosion Control Study



Dune Constructed to Blend with Existing Site



Client: Suffolk County Dept. of Parks

Project Location: Town of Brookhaven, NY

The primary purpose of this project, was to evaluate the extensive loss of sand in front of the main beachfront pavilion. An erosion control study was performed in order to address the erosion issue and its immediate impact on the pavilion and future developments on the barrier island. Pending the recommendations of that report, a review of the master plan and additional County requirements were undertaken. The services also consisted of evaluation of the electrical service and line(s), and evaluation of the existing master plan including new buildings, civil issues and traffic that were effected by the erosion report. The project evaluated the existing structures effected by the erosion study. GPI provided architectural, structural, civil and MEP for a new campground entry building, storage shed, a fishing pier and a new boardwalk.

As part of the project, a planting plan was developed in response to the seaside and poor soil conditions. The plant list contained largely native species to withstand the stressful environment.

In addition, to protect the Flight 800 Memorial from eventual erosion, GPI designed an extension to the bulkhead which terminated west of the Memorial site.