



**US Army Corps
of Engineers®**
New York District

Fire Island Inlet and Shore Westerly to Jones Inlet, NY

Beach Erosion Control and Navigation Project

FACT SHEET

SEPTEMBER 2004

DESCRIPTION: Maintenance dredging of the federal navigation project with placement of sand as nourishment material along the shoreline west of the inlet completed in FY 00.

AUTHORIZATION/PROJECT DESCRIPTION: Authorized by the Rivers and Harbors Act of 1937 and subsequently modified by the Rivers and Harbors Acts of 1958 and 1962. The existing federal navigation project in Long Island, New York provides for:

- a. A channel 14 feet deep (MLW) with a width of 450 feet covering a distance of 1.8 miles in the Fire Island Inlet.

In August 1988, the existing project was subsequently modified to provide for the maintenance of a realigned channel in the vicinity of the naturally deep channel to a depth of 14 feet plus 2 feet allowable overdepth and to provide material from the dredged channel as nourishment along the shoreline west of the inlet. This project is sponsored by New York State Department of Environmental Conservation and has a project life of fifty years.

STATUS: A maintenance dredging and beach nourishment continuing contract was awarded to Great Lakes Dredge and Dock Company on 25 September 2003 and the Notice To Proceed was issued on the 17 October 2003. This involves dredging of the Fire Island Inlet with the placement of 925,000 cubic yards of material at Gilgo Beach. The dredging and beach nourishment phase of the project commenced on 29 December 2003. Dredging and placement of material at Gilgo Beach was completed on February 6, 2004. A total of 953,263cys of sand was placed at Gilgo Beach. The contractor then began work on the Moriches Inlet and Shinnecock Inlet dredging project and completed dredging on March 23, 2004. Dredging resumed at Fire Island Inlet with placement at Robert Moses State Park Beach on March 24, 2004 and was completed by 1 April 2004.

The project was last executed in FY01/02 and 1,444,831 cubic yards of sand was dredged and placed as nourishment along Gilgo Beach shoreline, at a direct contract cost (cost shared) of \$11,762,239.50. In addition, 164,794 cubic yards of dredged sand was placed as nourishment along Robert Moses State Park Beach, at a direct contract cost (100% State) of \$1,509,176.00.

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