



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

Atlantic Coast of New York

Jones Inlet to East Rockaway Inlet

Long Beach Island, New York

Storm Damage Reduction Project

FACT SHEET

DESCRIPTION: The project area is located on the south shore of Long Island from Jones Inlet to East Rockaway Inlet and consists of approximately 9 miles of oceanfront. The area has been subject to major flooding during storms, causing damage to structures located along the barrier island. Continued erosion over the years has resulted in a reduction of the height and width of the beach front, which has increased the potential for storm damage. Damaging storms have occurred in 1938, 1950, 1953, 1960, 1962, 1984, 1991, and 1992. In September 1960, Hurricane Donna forced the evacuation of over 300 families. A recurrence of a storm of this magnitude would result in approximately \$20,700,000 in damages based on October 1994 price levels. The project would provide storm damage protection to the highly developed communities that are subject to direct wave attack and flooding during major storms and hurricanes. The recommended plan in the Feasibility Report, dated February 1995, provides protection against a 100-year storm event for 7 of the 9 miles of public shoreline between Jones Inlet and East Rockaway Inlet, including the communities of Point Lookout, Lido Beach, and the City of Long Beach. The Village of Atlantic Beach, which encompasses the western two miles of the barrier island, has asked not be included in the project. The project includes the construction of a 110 foot wide protective berm at an elevation of 10 feet above sea level backed by a 25 foot wide dune system at an elevation of 15 feet above sea level. The project also includes the rehabilitation of sixteen existing groins in the City of Long Beach and the construction of four new groins at the eastern end of the island. In addition, the project includes periodic nourishment of the restored beaches on a 5 year cycle for a period of 50 years.

AUTHORIZATION: The feasibility study was conducted pursuant to a resolution by the Committee on Public Works and Transportation of the U.S. House of Representatives adopted October 1, 1986. Project construction was authorized by the Water Resources Development Act of 1996.

STATUS: The project feasibility report was completed in February 1995 and the Preconstruction, Engineering, and Design phase was completed in September 1997. Congress added \$2 million in FY 1998 and \$7.5 million in FY 1999 to continue the design of the project and initiate construction. However, the non-federal sponsor for the project, the New York State Department of Environmental Conservation (NYSDEC), requested that the Corps of Engineers reanalyze the area between the proposed new groins and existing groin field in the City of Long Beach before starting construction. A study was initiated in August 1998. The study utilized new modeling techniques that were unavailable during the feasibility study to finalize the groin field design. The final report summarizing the findings of the study was completed in March 2000.

Before proceeding with potential construction, a Re-Evaluation Report is being prepared to update the recommended plan of the feasibility study by incorporating modifications that have been made since the completion of the study. This re-evaluation report would be used as a basis for a Project Cooperation Agreement (PCA) between the Corps of Engineers and the NYSDEC for possible project construction.

The draft re-evaluation report was prepared in 2005 and submitted for agency review. In 2006, the City of Long Beach submitted a letter to NYSDEC stating their desire to not participate in the project. Federal funds are currently being used to complete the re-evaluation effort and determine a final recommendation for the project area. Upon approval of the re-evaluation report, completion of plans and specifications and initiation of construction could be initiated, subject to the final recommendation, local interest and the availability of funds.

PROJECT COST (Initial Construction):

Estimated Federal Cost	\$60,450,000
Estimated Non-Federal Cost	\$32,550,000
Total	\$93,000,000

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Please visit project web page: <http://www.nan.usace.army.mil/business/prjlinks/coastal/longbeac/index.htm>