



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

Raritan Bay and Sandy Hook Bay, NJ UNION BEACH, NJ

Hurricane and Storm Damage Reduction

FACT SHEET

DESCRIPTION: The problem area is located in the northern portion of Monmouth County, New Jersey. It occupies an approximate 1.8 square mile area of land along the coast of Raritan Bay. The area is located in low elevation regions with numerous small creeks providing drainage. Low-lying residential and commercial structures in the area experience flooding caused by coastal storm inundation. This problem has progressively worsened in recent years due to loss of protective beaches and increased urbanization in the area with structures susceptible to flooding from rainfall and coastal storm surges, erosion and wave attack, combined with restrictions to channel flow in the tidal creeks.

AUTHORIZATION: The project was authorized for construction in the Water Resources Development Act of 2007 (Public Law 110-114) on November 8, 2007.

STATUS: A Feasibility Cost Sharing Agreement was executed with the State of New Jersey Department of Environmental Protection (NJDEP) in April 1997. The final Feasibility report and Environmental Impact Statement (EIS) were approved and released to the public in January 2004.

The report recommended implementation of a storm damage reduction project consisting of a combination of levees and floodwalls, tide gates, pump stations and a dune and beach berm with terminal groins. The project would also construct wetland mitigation sites to mitigate for the loss of wetlands. The final feasibility report and EIS was approved by Corps of Engineers Headquarters on Jan 4, 2006. A Design Agreement was executed with NJDEP in July 2008. The first step of the Design Phase will be a Value Engineering Study which will be completed before the end of the calendar year. No funds were included in the FY09 President's budget request to continue the design. FY08 Federal funds in the amount of \$98,000 were provided for the design activities. To date, \$74,000 in Federal funds have been appropriated for design of the project.

Feasibility Study Cost:

Estimated Federal Cost	\$2,171,000
Estimated Non-Federal Cost	\$2,171,000
Total	<u>\$4,342,000</u>

Initial Construction Cost:

Estimated Federal Cost	\$79,291,000
Estimated Non-Federal Cost	\$42,695,000
Total	<u>\$121,986,000</u>

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District Area: NJ #6, Congressional Member: Frank Pallone, Jr.