



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACTSHEET

**North Shoreline Indian River Inlet
Sussex County, DE**

November 2008

CONGRESSIONAL DISTRICTS: Rep. Castle (DE-AL)

APPROPRIATION / PHASE:

Continuing Authorities / Design and Implementation

BUSINESS PROGRAM:

Storm Damage Reduction

AUTHORITY: Section 103, River & Harbor Act of 1962 (PL 87-874), as amended, which authorized Federal participation in the cost of protecting the shores of publicly owned property from hurricane and storm damage prevention.

LOCATION: The study area is located along the Northern Interior Shoreline of Indian River Inlet, adjacent to the U.S. Coast Guard facility.

DESCRIPTION: To save costs, the construction of the original stone revetment in 1988 was limited to that portion of the shoreline actually eroding. The remaining approximately 320 feet of unprotected shoreline along the northern interior of the inlet has been subjected to increased erosion over the last decade. The original purpose of this project was to complete the revetment and realize the full benefits of the stone protection. A site visit in July 2006 revealed that the existing revetment is failing due to scour along the revetment, and a deep hole has formed off the USCG bulkhead. Repairing the scour holes is now the priority. The proposed solution to repair the scour holes is to pump sand from the flood shoal to fill the holes.

STATUS: USACE placed riprap along the revetment to temporarily protect the shoreline from erosion. The western portion of the USCG bulkhead is failing due to scour. Funds are still needed to initiate repair.

FINANCIAL

DATA (\$000)

	Fed	Non-Fed	Total
Est. Original Project Cost	530	280	810
Estimated Scour Repairs	6,000*	1,200	7,200

BUDGET

DATA (\$000)

		Comments
Thru FY 06	729	
FY 07	0	
FY 08	200	FY08 capability
FY 09	TBD	

*USCG would pay \$3.8M for its share, COE and DNREC would cost share \$3.4M (\$2.2M Fed, \$1.2M Non-Fed)

SPONSOR: Delaware Department of Natural Resources and Environmental Control

PROJECT MANAGER:

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