



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

**PROJECT FACTSHEET**  
**Delaware Coast Protection**  
**Sand Bypass Plant, Indian River Inlet**

October 2008

**CONGRESSIONAL DISTRICTS:** Rep. Castle (DE-AL)

**APPROPRIATION / PHASE:**

Construction, General / Periodic Nourishment

**BUSINESS PROGRAM:**

Flood and Coastal Storm Damage Reduction

**AUTHORITY:** Flood Control Act of 1968 and the Water Resources Development Act of 1986 (P.L. 99-662).

**LOCATION:** The project is located in Sussex County, Delaware, on the Atlantic Ocean at Indian River Inlet.

**DESCRIPTION:** The plan of improvement consists of constructing a sand bypassing plant and operation of said plant for periodic nourishment of a feeder beach (approximately 100,000 cubic yards of sand, annually) to nourish approximately 3,500 feet of feeder beach on the north side of the inlet and protect the Delaware Route 1 highway. The nourishment is authorized until September 2021.

**STATUS:** FY 08 Federal funds were used for project monitoring and the Federal contribution to periodic nourishment performed by DNREC. To date the FY 09 budget has not been approved. If this project receives funding in FY 09 the funds will be used for project monitoring and the Federal contribution to periodic nourishment performed by DNREC.

**FINANCIAL**

| <b>DATA (\$000)</b> | Fed    | Non-Fed | Total  |
|---------------------|--------|---------|--------|
| Total Cost          | 11,800 | 13,800  | 25,600 |
|                     |        |         |        |
|                     |        |         |        |
|                     |        |         |        |
|                     |        |         |        |

**BUDGET**

| <b>DATA (\$000)</b> | Comments |
|---------------------|----------|
| FY 05               | 140      |
| FY 06               | 317      |
| FY 07               | 180      |
| FY 08               | 365      |
| FY 09               | TBD      |

**SPONSOR:** A Local Cooperation Agreement was executed in October 1988 with the State of Delaware's Department of Natural Resources and Environmental Control. DNREC operates the sand bypass plant as the continuing construction feature of the project. The Federal government contributes 40.7 percent of the annual cost of operation and maintenance of the plant as its contribution to periodic nourishment of the beach for the authorized periodic nourishment period (FY 2021).

## **Delaware Coast Protection, Sand Bypass Plant, Indian River Inlet** *(continued)*

**COMMENTS:** The Final Impact Statement was filed with the Council on Environmental Quality on June 1, 1971. A draft supplement to the FEIS was filed on April 18, 1975. An Environmental Assessment and a Finding of No Significant Impact were completed on November 26, 1984. The listing of piping plover as an endangered bird species in January 1986 and a recent determination by state wildlife officials that the piping plover nests in the project area have necessitated review procedures in accordance with Section 7 of the Endangered Species Act of 1973. A May 4, 1987 letter from the U.S. Fish and Wildlife Service expressed that the project operations would cause no impact provided an operational window is observed. Coordination with the Fish & Wildlife Service is continuing.

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