

ER 1130-2-445
31 Mar 00

APPENDIX C
Example of Project Description Page

FOLLY BEACH, SOUTH CAROLINA

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1999

AUTHORIZATION: The project was authorized by the Water Resources Development Act of 1986 dated 17 November 1986 - H. Doc 99-1013, 99th Cong., 2d sess., P.L. 99-662; and the 1992 Energy and Water Development Appropriations Act dated 17 August 1991 - 102d Cong., P.L. 102-104.

PROJECT: The plan of improvement provided for protection from a 5-year storm event and placed about 2.48 million cubic yards of sand over a total project reach of 28,200 feet of beach. The project has an initial berm with a top width of 15 feet at an elevation of 9.0 feet above the national geodetic vertical datum. Nine groins constructed of wooden piles, timbers, and large rocks which extend perpendicular into the surf for an average distance of approximately 250 linear feet were rehabilitated. The rehabilitated groins were built of steel sheet pile with a concrete cap and tied into only the wooden sections of existing groins which are deemed salvageable. Periodic nourishment will be required approximately every eight years with a total volume of 1.74 million cubic years each cycle.

LOCAL COOPERATION: Local interests must contribute 15 percent of all costs associated with the initial construction and periodic nourishment costs; provide lands, easements and rights-of way; and maintain all project works after completion. The LCA was signed on 14 September 1992.

PROGRESS: The contract was awarded to T.L. James and Company, Inc. on 16 November 1992. Pipeline dredging operations began on 18 January 1993 and were completed in April 1993. Approximately 2.7 million cubic yards of sand were placed on the beach. Rehabilitation of the nine groins was completed in May 1993. The final inspection of the beachfill portion of the beach was completed on 13 May 1993. The grassing contract was completed on 30 April 1994. Final physical monitoring of project was completed in February 1996.

COST TO DATE:

	Federal	Non-Federal 1/	Total
New Work	\$ 10,652,428	\$ 1,059,742	\$ 11,712,200
Maintenance	--	--	--
Total	10,652,428	1,059,742	11,712,200

1/ Excludes \$819,693 credit for LERRDS's.

TIDAL RANGE: The mean range of tide and the spring range of tide above mean low water, respectively, at Folly Island (outer coast) are 5.2 feet and 6.1 feet.