



US Army Corps
of Engineers
Wilmington District

Carolina Beach and Vicinity, NC (Navigation – Section 216-Investigations)

- Authority to use Federal funds to nourish Carolina Beach portion of project expires after FY 2014
- Ready to initiate reconnaissance phase, subject to the availability of funds
- Initial appraisal was approved 24 June 2010.



CONGRESSIONAL DISTRICT: NC 7

DATE: 6 March 2014

1. **AUTHORIZATION:** Flood Control Act of 1970, Section 216, Public Law 91-611
2. **PROJECT AREA:** This project would review the Carolina Beach portion of the Carolina Beach and Vicinity, NC project. Carolina Beach is located in New Hanover County, NC, about 15 miles southeast of Wilmington, NC, on the peninsula which separates the lower Cape Fear River from the Atlantic Ocean. This portion of the project consists of a dune with a base generally bordering at or near the building line with a crown width of 25 feet at an elevation of 13.5 feet national geodetic vertical datum (NGVD) together with an integral shoreline berm with a crown width of 50 feet at elevation 10.5 feet NGVD and shoreline fill extending about 14,000 feet from the northern to the southern limits of Carolina Beach. Along the northern 2,050 feet, this portion of the project includes a rock revetment at elevation 10.5 NGVD fronted by a 130-foot-wide berm at elevation 6.5 NGVD. Federal participation in the periodic nourishment cost of coastal storm damage reduction for this portion of the project is currently authorized for a period not to exceed 50 years from the year of initial construction (FY 1965 to December 2014).
3. **IMPROVEMENTS DESIRED:** This study would provide a Federal interest determination based on an update of the economics and verification of borrow source availability to extend the authorization to renourish this project for another 50 years. Current authority to continue Federal participation in periodic nourishment for the Carolina Beach portion expires after FY 2014.
4. **COST ESTIMATE:** \$ 100,000 (Reconnaissance phase – 100% Federal)
5. **FEDERAL FUNDING ALLOCATION THRU FY 2013:** \$0.
6. **FY 2014 FUNDING ALLOCATIONS:** \$0. No actions planned.

PROJECT INFORMATION – Carolina Beach and Vicinity, NC (Navigation, Section 216 – Investigations) – Continued

7. **FY 2015 BUDGET AMOUNT:** \$0. Funds in the amount of \$100,000 could be used to initiate a fully federally funded reconnaissance phase, complete a 905(b) analysis, develop a project management plan, and negotiate a feasibility cost sharing agreement.
8. **COMPLETION DATE:** Reconnaissance phase – 18 months from initiation, subject to the availability of funds.
9. **OTHER INFORMATION:** A local hotel occupancy tax has been collected since November 1983 within New Hanover County. Seventy-five percent of these tax revenues are required by law to be utilized for non-Federal periodic nourishment costs.

Federal participation in coastal storm damage reduction nourishment for the Carolina Beach portion of the project only currently expires after FY 2014, the first known coastal storm damage reduction project to expire nationally at the end of its 50-year authorization period. At the request of the town of Carolina Beach, an initial appraisal was completed in June 2010 indicating Federal interest in pursuing additional studies under the authority of Section 216 of the Flood Control Act of 1970, subject to the availability of Investigations funds. The subsequent reconnaissance and feasibility studies would determine if an extension of Federal participation in periodic nourishment is justified for this portion of the project. To date, no Federal funds have been appropriated to start this study.