



US Army Corps
of Engineers
Wilmington District

West Onslow Beach and New River Inlet Topsail Beach, NC (Coastal Storm Damage Reduction - Construction)

- **Sponsor: Town of Topsail Beach**
- **Project authorized for construction in WRRDA 2014**
- **Project ready for new construction start**
- **Plans and specifications substantially complete**
- **Length of locally preferred plan is about 4.4 miles**
- **Sponsor remains extremely motivated to execute a PPA and begin construction**



CONGRESSIONAL DISTRICT: NC 7

DATE: 23 February 2015

1. **AUTHORIZATION:** Water Resources Reform and Development Act of 2014.

2. **LOCATION AND DESCRIPTION:** The project is located in Pender County within the town of Topsail Beach along the southern portion of Topsail Island in southeastern North Carolina. The authorized project provides for a dune at elevation 13 feet NGVD and a berm at elevation 9 feet NGVD for a distance of 9,500 feet and two transition sections at elevation 7 feet NGVD along the southern and northern ends for distances of 2,400 feet and 6,860 feet, respectively. The total authorized project length is 19,000 feet. The recommended plan in the Chief’s Report is the locally preferred plan for a dune at elevation 12 feet NGVD and a berm at elevation 7 feet NGVD for a distance of 23,200 feet with southern transition of 1,000 feet with a berm only at elevation 7 feet NGVD and a northern transition of 2,000 feet with a berm only at elevation 7 feet NGVD. A periodic nourishment cycle of 4 years is proposed under the recommended plan.

3. **COST ESTIMATE:** Project Construction (Price level as of 1 October 2015):

Initial Construction:	
\$33,112,000	(Federal – 65%)
\$17,830,000	(Non-Federal – 35%)
(\$15,768,000)	(Non-Federal Cash Contribution)
(\$2,062,000)	(Non-Federal Lands and Damages)
\$50,942,000	

PROJECT INFORMATION – West Onslow Beach and New River Inlet, Topsail Beach, NC
(Coastal Storm Damage Reduction) – Continued

Periodic Nourishment:

\$158,815,000	(Federal – 50%)
<u>\$158,815,000</u>	(Non-Federal – 50%)
\$317,630,000	

Total Estimated Project Cost:

\$191,927,000	Federal
<u>\$176,645,000</u>	Non-Federal
\$368,572,000	Total

4. **FEDERAL FUNDING ALLOCATION THRU FY 2014:** \$3,522,000.
5. **FY 2015 FUNDING ALLOCATION:** \$0. Using carry-in funds, complete economic update.
6. **FY 2016 BUDGET AMOUNT:** \$0.
7. **KEY DATES:**
 - June 2013 – Plans and specifications substantially completed
 - June 2014 – Project authorized for construction in WRRDA 2014.
 - TBD – Execution of project partnership agreement, subject to the appropriation of construction funding.
8. **OTHER INFORMATION:** A general reevaluation report (GRR) was initiated in late July 2001. The resultant Chief's Report was signed on 28 September 2009 and cleared by the Office of Management and Budget and forwarded to Congress on 23 April 2010. The GRR was cost shared with the town of Topsail Beach at 75 percent Federal and 25 percent non-Federal. Amendment 1 to the design agreement was executed on 24 September 2009 to recoup an additional 25% of non-Federal costs associated with the additional 7,000 linear feet of project that is in the GRR recommended plan but outside of the previously authorized project area. The amount of the amendment is for an estimated \$250,000 to be paid back in 5 annual payments. To date, all payments have been received.

A design agreement was executed on July 25, 2001, and remains enforce until a project partnership agreement (PPA) is executed. Appropriation of construction funds would allow the project to achieve a new construction start followed by execution of the PPA.