



US Army Corps
of Engineers
Wilmington District

Surf City & North Topsail Beach, NC (Coastal Storm Risk Management)

- **Sponsor: Town of Surf City**
 - [North Topsail Beach withdrew as a sponsor]
- **Project authorized for construction in WRRDA 2014**
- **Fully funded under Disaster Relief Act of 2019 for initial project construction**
- **A validation report was completed in March 2022 demonstrating that the Surf City only portion of the project was justified.**
- **District will complete a Post Authorization, General Re-evaluation Report to deauthorize the North Topsail Beach portion upon receipt of Investigations appropriations.**



CONGRESSIONAL DISTRICT: NC 3, 7

DATE: 10 MARCH 2023

1. **AUTHORIZATION:** Water Resources Reform and Development Act of 2014 (WRRDA-2014).
2. **LOCATION AND DESCRIPTION:** The towns of Surf City and North Topsail Beach are in the central and northern part of Topsail Island. Topsail Island is a well-developed barrier island located about 25 miles northeast of Wilmington between New Topsail Inlet and New River Inlet. From north to south, this island includes the communities of North Topsail Beach, Surf City, and Topsail Beach. The authorized project consists of constructing a sand dune at an elevation of 15 feet NGVD and a berm with a crown width of 50 feet and a top elevation of 7 feet above NGVD over approximately 10 miles of shoreline. The project will be maintained for a 50-year period following initiation of construction.

PROJECT INFORMATION - Surf City & North Topsail Beach, NC (Coastal Storm Risk Management) – Continued

3. **COST ESTIMATE:** Project Construction (FY22) based on 2022 Validation Report:
Initial Construction (Surf City Only):
\$ 128,600,000 (Federal – 65%/ Non-Federal – 35%)

Periodic Nourishment (Surf City Only):
\$ 275,400,000 (Federal – 50%/ Non-Federal – 50%)

Total Estimated Project Cost (Surf City Only):
\$ 411,100,000 (Federal/Non-Federal)
4. **FEDERAL FUNDING ALLOCATION THRU FY 2022:** \$1,820,000. (DRA-19)
5. **FY 2023 FEDERAL FUNDING ALLOCATION:** \$TBD. Project fully funded under the Disaster Relief Act (DRA) of 2019 to complete initial construction. District is waiting on Investigations funding to complete a General Re-evaluation Report (GRR) to deauthorize the North Topsail Beach portion.
6. **KEY DATES (Pending General Reevaluation Report Approval in Fall 2023):**
Winter 2023 – Execution of project partnership agreement
Spring 2024 – Solicitation and award of first construction contract
Fall/Winter 2025 – Estimated construction completion
7. **PROJECT STATUS:** The Town of North Topsail Beach withdrew from the project in July 2021. The two towns were not designed as separable elements in the original feasibility report. A March 2022 Validation Report demonstrated that a Surf City-only portion of the project was economically justified. A GRR must be completed to deauthorize the North Topsail Beach portion of the project to allow construction of the Surf City portion of the project using DRA 19 funding. Wilmington District is waiting for Investigations funding to complete the GRR.
8. **OTHER INFORMATION:** Chief's Report was signed on December 30, 2010. Vulnerability to severe storm damage without project conditions was confirmed by the devastating effect of Hurricane Florence (2018) on all three towns in Topsail Island with estimated damages to beach, structures and infrastructure estimated at over \$100M. Estimated net benefits of a Surf City only project are over \$15M per year.