



US Army Corps
of Engineers
Wilmington District

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

- **Sponsors: Towns of Surf City and North Topsail Beach**
- **Project authorized for construction in WRRDA 2014**
- **Fully funded under Disaster Relief Act of 2019 for initial project construction**
- **Current working estimate of \$237,000,000 approved by OMB**
- **First construction contract TBD**
- **The Town of North Topsail Beach withdrew from the project in July 2021**
- **District working with SAD to develop an aligned path forward.**



Surf City after Hurricane Floyd



North Topsail Beach after Hurricane Fran

CONGRESSIONAL DISTRICT: NC 3, 7

DATE: 01 APRIL 2022

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 (Price level as of 01 October 2020):

Initial Construction:

\$154,050,000	(Federal – 65%)
\$82,950,000	(Non-Federal – 35%)
(\$77,643,000)	(Non-Federal Cash Contribution)
<u>(\$5,307,000)</u>	(Non-Federal Lands and Damages)
\$237,000,000	

Periodic Nourishment:

\$446,631,500	(Federal – 50%)
<u>\$446,631,500</u>	(Non-Federal – 50%)
\$893,263,000	

Total Estimated Project Cost:

\$ 600,681,500	Federal
<u>\$ 529,581,500</u>	Non-Federal
\$1,130,263,000	Total

4. **FEDERAL FUNDING ALLOCATION THRU FY 2021:** \$1,170,000.

5. **FY 2022 FUNDING ALLOCATION:** \$150,000. Project fully funded under the Disaster Relief Act of 2019 to complete initial construction.

6. **FY 2023 FUNDING ALLOCATION:** \$TBD. Project fully funded under the Disaster Relief Act of 2019 to complete initial construction.

7. **KEY DATES (Pending Validation Report Approval in Spring 2022):**

- Summer 2022 – Execution of project partnership agreement
- Fall/Winter 2022 – Solicitation and award of first construction contract
- Fall/Winter 2024 – Estimated construction completion

8. **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. The district is working with SAD to develop an aligned path forward.

9. **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 \$19M per year.