

**Storm Damage Mitigation Project Report
Establishment of Municipal Service Districts
For beach erosion control and flood and hurricane protection works in accordance with
NCGS 160A-535 & 160A-544**

- 1) The attached map identifies the proposed Municipal Service Districts

The total project length for the initial storm damage mitigation project, and future renourishment cycles over the 50-year life of the project in North Topsail Beach is approximately 4 miles. The area to be protected begins at the border with Surf City and extends northward to the beginning of the Coastal Barrier Resources area. The total project is expected to initially place 12 million square yards of sand in the project area, building a new protective dune that is projected to be 25' wide and 14' high. In addition, the project will widen the beach with a 6' high, 300' wide berm.

- 2) Statement indicating that services are needed in the district to a demonstrably greater extent than the rest of the town.

While North Topsail Beach encompasses approximately 11 miles of beachfront, only the southernmost 4 miles, the area proposed for the MSD's, will benefit from the dramatically increased protection provided by the storm damage mitigation project. The Town's staff and the Board of Aldermen have determined that the proposed districts need the services provided by the USACE beach erosion control and flood and hurricane protection works project to a demonstrably greater extent than the rest of the Town. In order to maintain the aesthetic, environmental, protective, and physical value of the beach, the North Topsail Beach Board of Aldermen has determined that the creation of two municipal service districts for erosion control and flood and hurricane protection would benefit both public and private property owners. One district, Phase 5 East, would include properties on the ocean side of Island Drive. The second would include properties on the ICW side of Island Drive. Once established, these districts will enable the town to allocate the project costs within the area that will benefit from the Storm Damage Mitigation Project.

The proposed districts need this project (meeting the standards of NCGS 160A-537(a)) and will benefit to a demonstrably greater extent than the remainder of the Town.

- 3) Plan for providing proposed services in the Municipal Service District

The US Army Corps of Engineers has developed the specifics of the Surf City//North Topsail Beach Storm Damage Mitigation project over the last two decades. This project is scheduled to begin in late 2021 at the southern border of Surf City, and proceed north through North Topsail Beach. This project will add 12 million square yards of sand, build a 14' dune, and reshape the beach berm. The 4-mile MSD area will be the only portion of Town to benefit from this project, and will be protected for the next 50 years.

