



US Army Corps
of Engineers®
Wilmington District

Brunswick County Beaches, Holden Beach Portion, NC Coastal Storm Risk Management

- **Sponsor: Town of Holden Beach**
- **Study Area Impacted by Hurricane Matthew in 2016, Florence in 2018, and Isaias in 2020**
- **Holden Beach General Re-evaluation Report under development**
- **Study Cost pending Waiver: \$4,250,000, cost shared 50/50**



CONGRESSIONAL DISTRICT: NC 07

DATE: 10 MARCH 2023

1. **AUTHORIZATION:** Construction Authority: Sec. 203 of FCA 1966 (PL 89-789) as modified by WRDA 1986 (PL 99-662). Unconstructed.
2. **LOCATION AND DESCRIPTION:** The project is in Brunswick County, North Carolina. The authorized project includes the Ocean Isle Beach, Oak Island and Holden Beach portions. The authorized project reduces flood damages along these coastline areas due to hurricane and storm action and shoreline erosion. To date, only the Ocean Isle Beach portion of this project has been constructed.

Holden Beach is a seaside town in Brunswick County, North Carolina, United States. Holden Beach is in southern Brunswick County. The town occupies an 8-mile-long (13 km) barrier island on the Atlantic Ocean, bounded by Shallotte Inlet to the west, Lockwoods Folly Inlet to the east, and the Atlantic Intracoastal Waterway (AIWW) to the north.

3. **PURPOSE:** Hurricane Florence made Landfall as a Category 1 Hurricane just 30 miles to the north of Holden and Oak Island but took a long slow track along the coastline and passing directly over these beaches dropping as a Category 1 storm. The Storm dropped over 20 inches of rain in the area and experienced winds in excess of 60 mph for a duration of approximately 6 hours. The study area is subject to coastal storms of increased frequency and intensity, and the project needs a reformulation of the existing design, including its dunes and berm, to determine if any components of the project's design need to be modified to provide resilience from the impact of erosion, waves and coastal inundation on structures and infrastructure.

PROJECT INFORMATION – Brunswick County Beaches, Holden Beach Portion, NC Coastal Storm Risk Management – Continued

4. **COST ESTIMATE:** General Re-evaluation Report

\$ 2,225,000 (Federal) (includes \$200,000 for IEPR)
\$ 2,025,000 (non-Federal)
\$ 4,250,000 Total Cost Estimate¹

1/ Subject to approval of the \$3 million, 3 year waiver by the Assistant Secretary of the Army for Civil Works.

5. **FEDERAL FUNDING ALLOCATION THRU FY 2022:** \$549,999

6. **FY 2023 FEDERAL FUNDING ALLOCATION:** Congressionally Directed Spending - \$1,000,000

7. **FY 2024 PRESIDENT'S BUDGET:** \$0. Funds in the amount of \$425,000 could be used to continue the study.

8. **KEY DATES:**

Aug 2021: Feasibility Cost Sharing Agreement Executed
Jan 2022: Alternatives Milestone Meeting held (1st Milestone of Study Process)
Mar 2025: Tentatively Selected Plan (TSP)
Oct 2025: Agency Decision Milestone (ADM)
May 2026: Chief's Report

9. **STATUS:** The General Re-evaluation Report will be restarted in April 2023 based on receipt of \$1,000,000 in the FY23 Omnibus Appropriation Act. The study has been paused since April 2022 awaiting additional funding. It will restart after receipt of both the federal and the non-federal funds.

10. **OTHER INFORMATION:** There are over 6,000 residences and businesses at risk.