

CAROLINA BEACH, NORTH CAROLINA COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

PUBLIC INFORMATION MEETING

Presented by:

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Project Managers

Wilmington District

U.S. Army Corps of Engineers

November 17, 2020



“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



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AGENDA



- Welcome
- Purpose of Meeting
- Project Overview
- Coastal Storm Risk Management Feasibility Study
 - Purpose
 - Scope
 - Costs
 - Schedule
- Environmental Compliance
- Potential Sand Sources
- Questions



Cooperating Federal Agencies



PURPOSE OF THE MEETING



- Describe Purpose and Scope of Feasibility Study
- Obtain Public Input and Questions Concerning Study





PROJECT OVERVIEW





PROJECT OVERVIEW



Carolina Beach Pre-Construction - 1964



Carolina Beach Boardwalk (looking southwest) - 2018



Carolina Beach Post-Construction - 1965



Carolina Beach Looking North



PROJECT OVERVIEW (CONTINUED)

- Next scheduled cost-shared periodic nourishment subject to authorization of the Carolina Beach - Beach Renourishment Evaluation Report and availability of funds
- This study would provide an additional 50 years of Federal participation



View Looking North



View Looking North



View Looking North



View Looking North



FEASIBILITY STUDY PURPOSE



Determine Federal interest for coastal storm risk management (CSRM) in Carolina Beach for a period of 50 years. This is a reformulation of the existing Federal project. The Recommended Plan must be technically feasible, economically justified and environmentally acceptable.

CAROLINA BEACH PROJECT AUTHORITY:

1962: Flood Control Act – Authorized the Carolina Beach and Vicinity project including two separable elements – Carolina Beach AND Area South (Kure Beach)

1970: Flood Control Act Section 216

2019: Title IV of the Additional Supplemental Appropriations for Disaster Relief Act, 2019, authorizes the Government to conduct the study at full Federal expense to the extent that appropriations provided under the Investigations heading of the FY 19 Supplemental are available and used for such purpose

PROJECT SPONSOR AND STAKEHOLDERS:

Town of Carolina Beach
New Hanover County
State of North Carolina



FEASIBILITY STUDY SCOPE



- Reformulate existing project
- Update project costs and benefits
- Validate project parking and access
- Confirm adequacy of borrow sources
- Address potential sea level rise
- Confirm environmental compliance





FEASIBILITY STUDY COSTS



	Costs
Federal	\$3,000,000
Non-Federal	\$0
Total	\$3,000,000

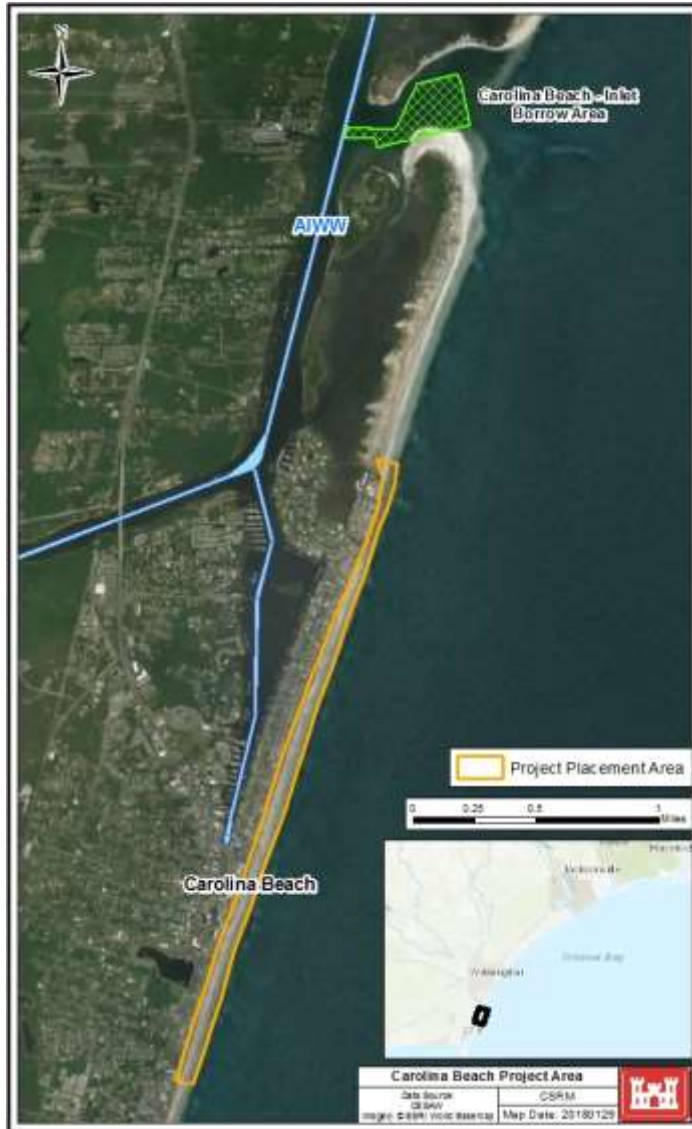


FEASIBILITY STUDY SCHEDULE



<input checked="" type="checkbox"/> Study Initiated	April 3, 2020
<input checked="" type="checkbox"/> Alternative Milestone Meeting	June 30, 2020
<input type="checkbox"/> Public Information Meeting	November 17, 2020
<input type="checkbox"/> Tentatively Selected Plan (TSP) Milestone	August 2021
<input type="checkbox"/> Release Draft Report to the Public	October 2021
<input type="checkbox"/> Agency Decision Milestone	February 2022
<input type="checkbox"/> Final Report to Corps' Vertical Team	November 2022
<input type="checkbox"/> Senior Leaders Briefing	February 2023
<input type="checkbox"/> Chief of Engineer's Report	April 2023

STATUS OF ENVIRONMENTAL COMPLIANCE ACTIVITIES

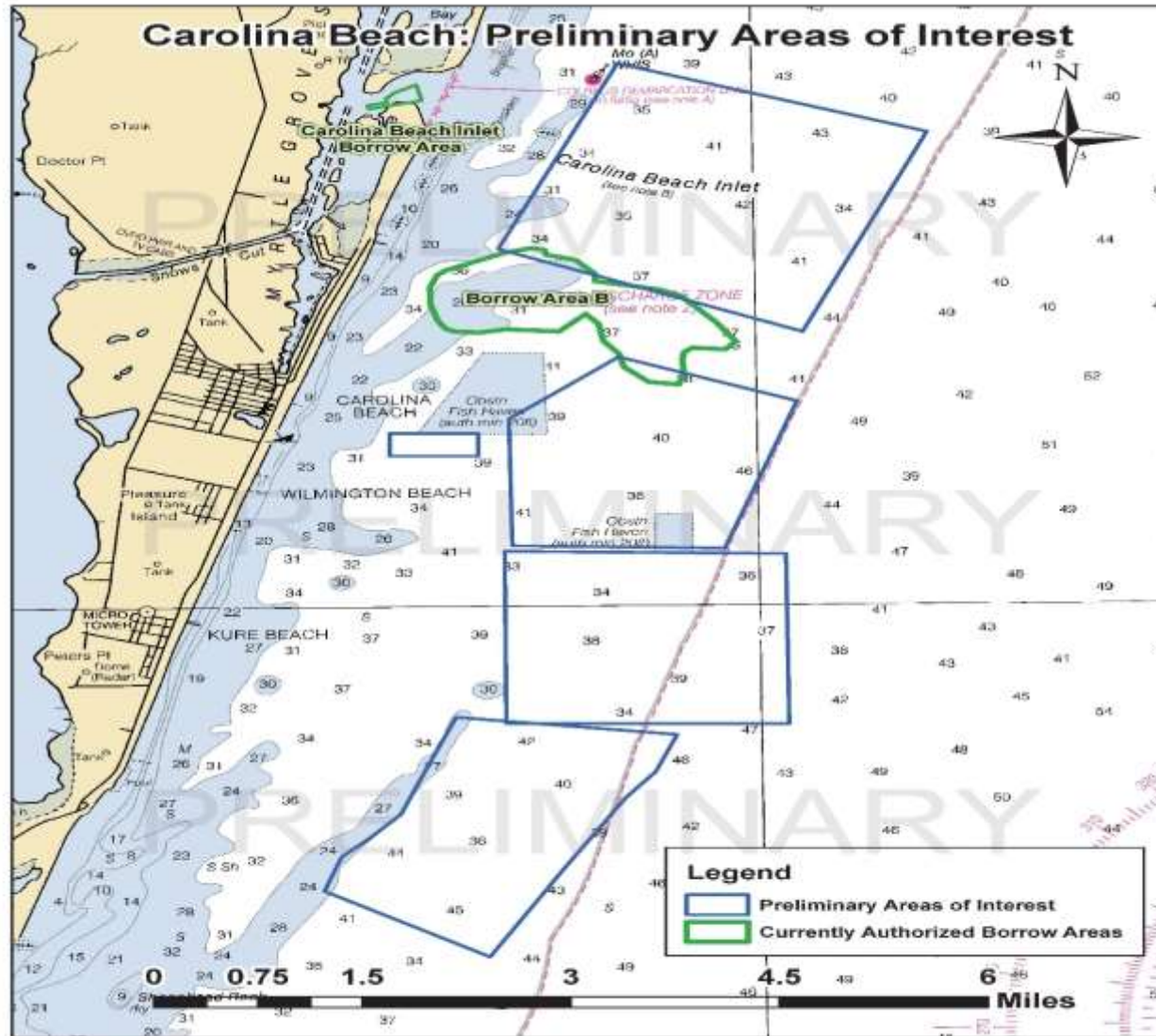


Existing Approvals:

- Carolina Beach (CB) BRER/EA FONSI signed on October 6, 2020
- NMFS BO dated March 27, 2020 (SARBO)
- NCDWM Consistency Concurrences dated August 13, 2019 and August 16, 2019
- NCDWR WQ General Certification #4146 dated July 31, 2017
- CB/Kure Beach CSDR USFWS combined Biological Opinion (BO) dated August 4, 2016
- **A new Environmental Assessment (EA) will be developed for the current Feasibility Study**



POTENTIAL SAND SOURCES





QUESTIONS





POINTS OF CONTACT FOR STUDY

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