

WRIGHTSVILLE BEACH, NORTH CAROLINA COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

PUBLIC INFORMATION MEETING

Presented by:

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Wilmington District

U.S. Army Corps of Engineers

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"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



Crystal Pier



PROJECT OVERVIEW





BACKGROUND



Wrightsville Beach (looking north) - Early 1900's



Hurricane Hazel (1954) – Typical Business Damage



Wrightsville Beach - Inside Dune - Post-Construction - 1965



Wrightsville Beach Today (looking toward Johnnie Mercer's Pier)



PROJECT OVERVIEW

- Next scheduled cost-shared periodic nourishment subject to authorization of the Wrightsville Beach Validation Study and availability of funds
- This study would provide an additional 50 years of Federal participation



Pre-2018 Renourishment



Post-2018 Renourishment

Looking South



Looking North



FEASIBILITY STUDY PURPOSE



Determine Federal interest for coastal storm risk management (CSRM) in Wrightsville 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 environmental acceptable.

WRIGHTSVILLE BEACH PROJECT AUTHORITY:

1962: Flood Control Act of 1962 – Authorized the Wrightsville Beach project

1970: Flood Control Act Section 216

1986: Water Resources Development Act of 1986 – Authorized continued periodic nourishment for a period of 50 years (thru 2036)

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 Wrightsville 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



Hurricane Hazel (1954) – Carolina Yacht Club



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	July 9, 2020
<input type="checkbox"/> Public Information Meeting	November 19, 2020
<input type="checkbox"/> Tentatively Selected Plan (TSP) Milestone	September 2021
<input type="checkbox"/> Release Draft Report to Public	November 2021
<input type="checkbox"/> Agency Decision Milestone	March 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



EXISTING CONDITIONS - ENVIRONMENTAL



- Coastal Barrier Resources Act (CBRA) zone encompasses Masonboro and Mason Inlet
- BOEM, EPA, USFWS and NMFS are cooperating agencies
- Scoping letter issued on June 5, 2020

EXISTING APPROVALS:

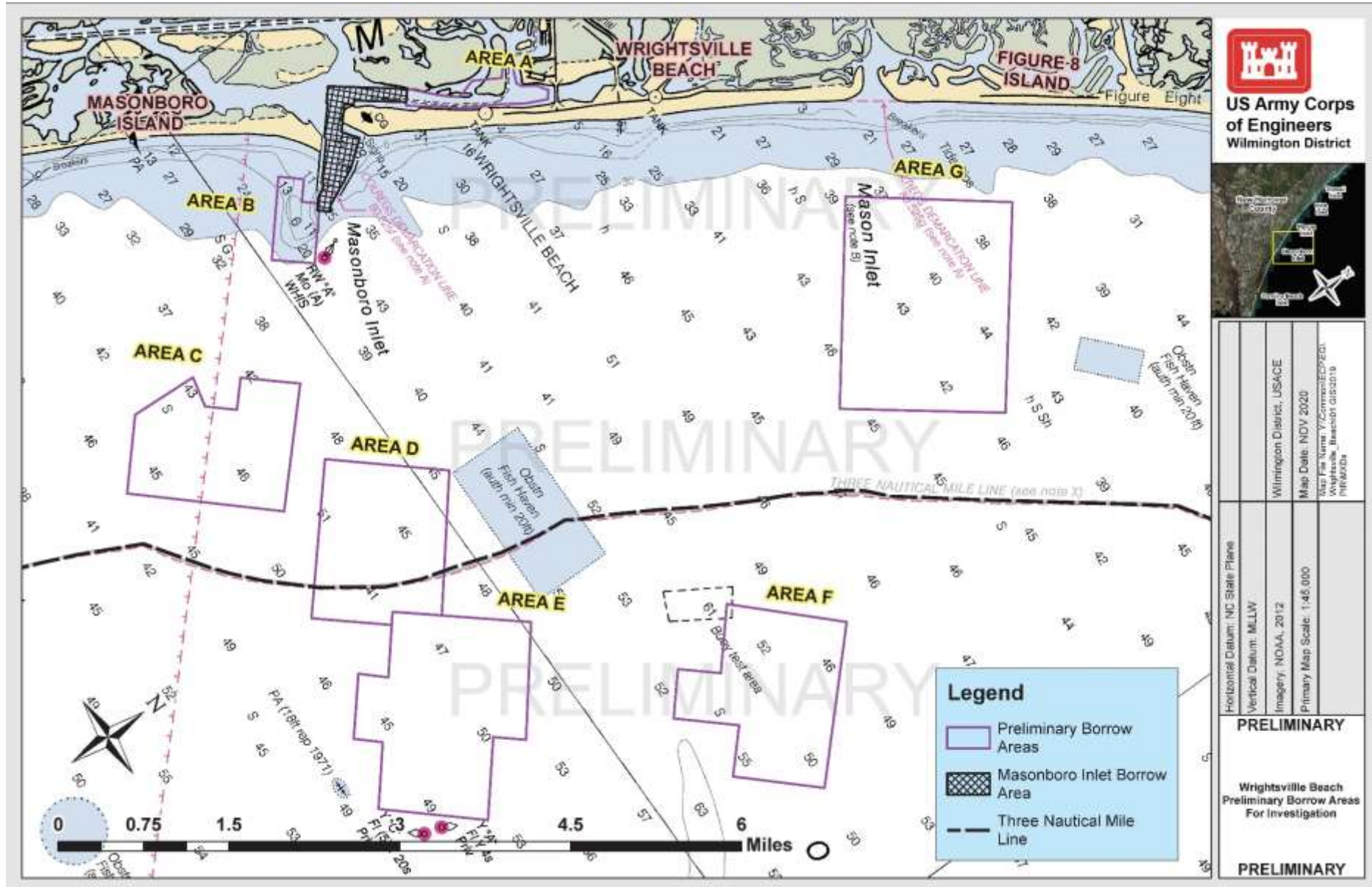
- 1982/1983/1989/2020: Wrightsville Beach Shore and Hurricane Wave Protection EA/FONSI dated September 1982, revised February 1983, supplemental 1989, Validation Study EA 2020
- 2020: CBRA March 10, 2020
- 2020: NMFS BO (SARBO) March 27, 2020
- 2019: NCDWR WQ General Certification #4146 August 5, 2019
- 2019: NCDCM Consistency Concurrence dated November 19, 2019
- 2019: Section 106 July 30, 2019
- 2019: EFH August 9, 2019
- 2018: FWCA (1982 reconfirmed April 6, 2018)
- 2016: Wrightsville Beach USFWS Batched Biological Opinion August 4, 2016

REMAINING ENVIRONMENTAL REQUIREMENTS:

- All environmental requirements will be confirmed or updated during the NEPA process
- Integrated EA
- BOEM Lease



PRELIMINARY SAND SOURCE DETAILS





POINTS OF CONTACT FOR STUDY

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QUESTIONS

