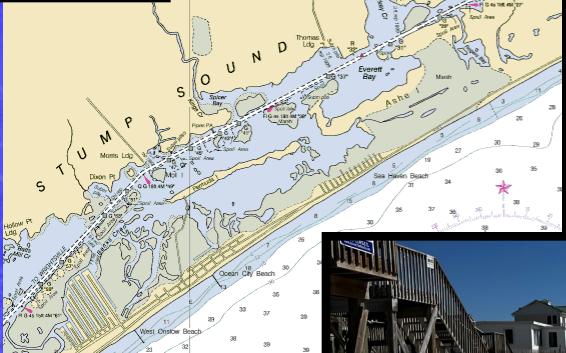
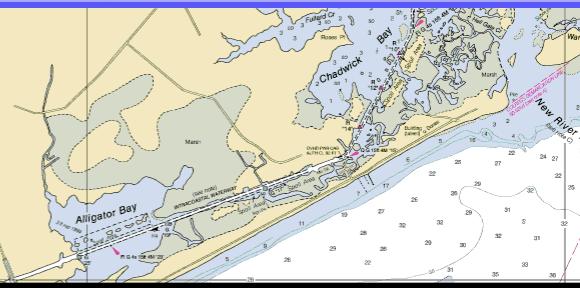
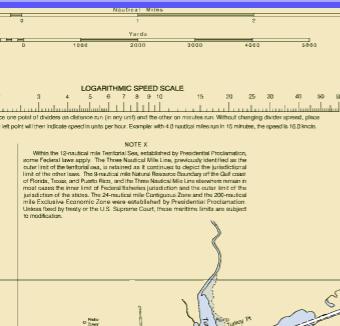


North Topsail Beach Coastal Update

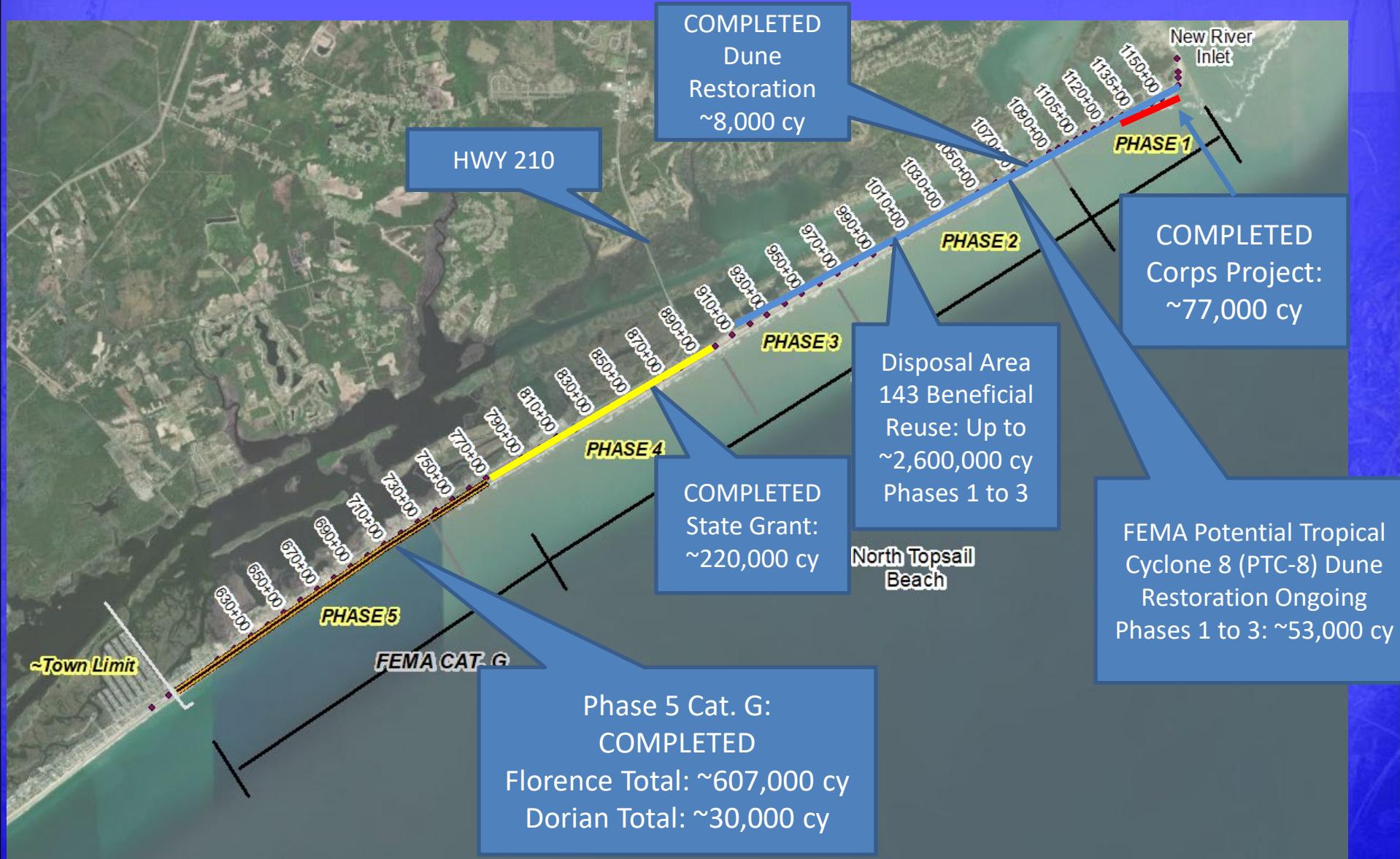
February 2026



*Marina, Coastal, Environmental
& Water Resources Engineers*

Recent and Upcoming Projects Overview

State Grant, Beneficial Reuse, FEMA, Corps Projects



USACE Navigation Dredging and Placement

Phase 1 Corps Beneficial Reuse Project



Completed at end of February.
Long pumping distance
presents a challenge for
dredgers.



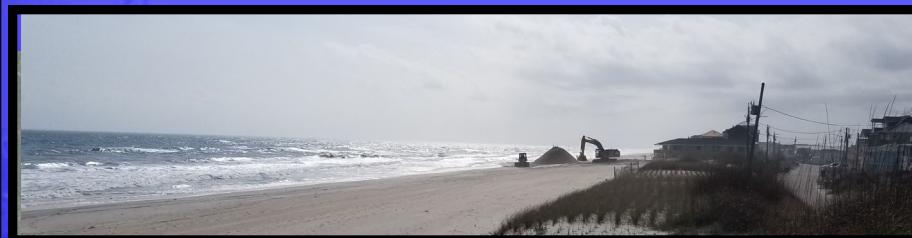
77,000 cy
Placement North of Topsail
Reef Condos

No USACE Intracoastal Waterway dredging planned for this winter
USACE plans for next winter will be announced this spring

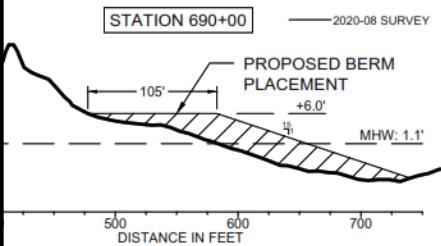


December 2025

Completed FEMA Mitigation Nourishment in Phase 5 (and some Phase 4)
Beach (not Dune) Nourishment. ~3.5 Miles of Restored Beach. Held up well to PTC-8 and
other recent storms (including Hurricane Erin and recent wave/surge events).



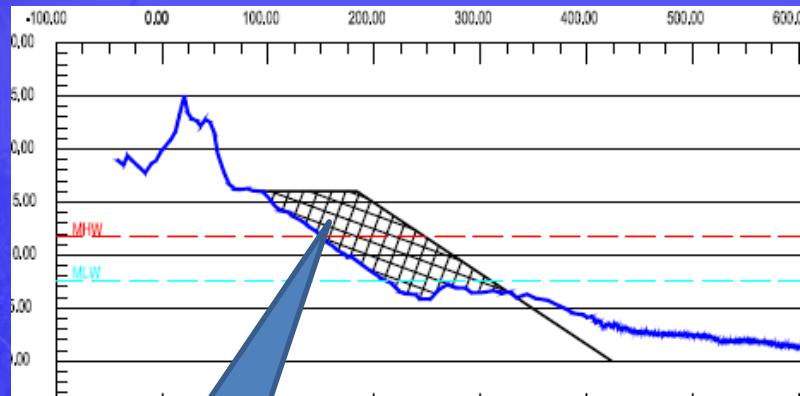
Restored ~3.5 Miles



PHASE 5



Completed State Grant Phase 4 Beach Nourishment – Held up well to Hurricane Erin and recent wave/surge events.



~80 to 100
Feet of Beach
Width



Secondary Truck Access
at Existing Opening at 2nd
Avenue

HWY 210

PHASE 3

Primary Truck Access at
Existing Opening at
Beach Access 33

~220,000 cy over ~2.5
miles

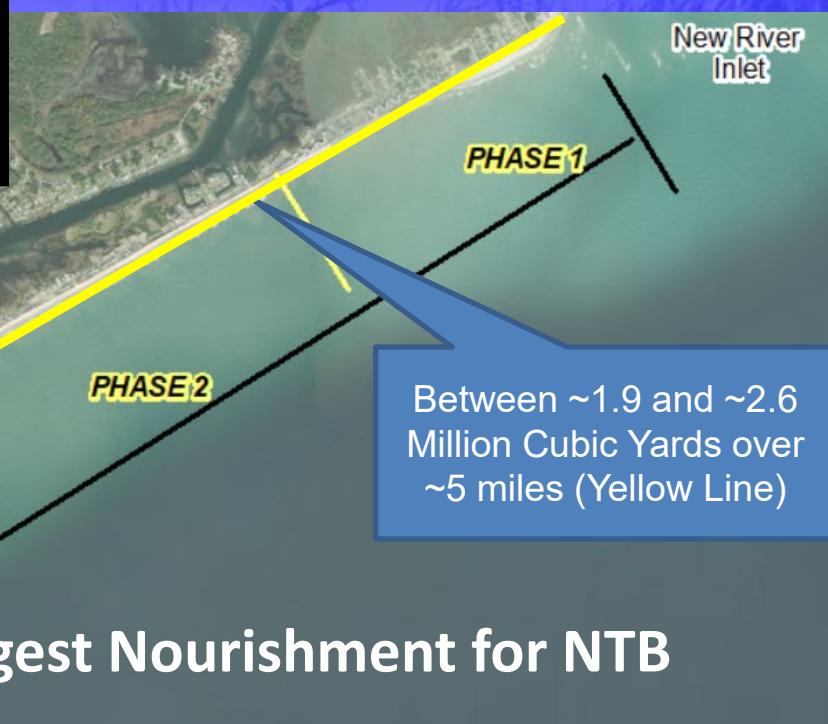
State Grant
Project (Yellow
Line)



Disposal Area (DA) 143 Beneficial Reuse and Placement in Phases 1, 2, and 3



- Based on Agency Feedback, ~1.9 to 2.6 Million CY at DA 143
- Easement coordination continues with state agencies
- Permit Application Submission Follows Easement.
- Funding Research and Coordination Ongoing.



Potential Tropical Cyclone (PTC) 8

DECLARED OCTOBER 19, 2024

SUMMARY

STATE: North Carolina
NUMBER: FEMA-4837-DR
INCIDENT: Potential Tropical Cyclone Eight
INCIDENT PERIOD: September 16-20, 2024
DATE REQUESTED BY GOVERNOR: October 16, 2024
FEDERAL COORDINATING OFFICER: E. Craig Levy, Sr.
National FCO Program

DESIGNATIONS AND TYPES OF ASSISTANCE:

INDIVIDUAL ASSISTANCE (Assistance to individuals and households):

Not Requested.

PUBLIC ASSISTANCE (Assistance for emergency work and the repair or replacement of disaster-damaged facilities):

Brunswick, Carteret, New Hanover, and Onslow Counties.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) ENVIRONMENTAL PLANNING AND HISTORIC PRESERVA- TION (EHP) GREENSHEET FOR DR-4837-NC



PTC 8 Rainfall (Sept. 16, 2024)

- Dune Restoration to Withstand 5-Year Storm
- FEMA Project Processing Continues
- No Additional FEMA Information Requests (three total)

Public Assistance (PA)

Provides grants to eligible state, local governments, EBCI and eligible private non-profits ("Applicants") to assist with the cost of responding to and recovering from disasters

Governing Laws, Regulations, and Policies

Stafford Act

Law

44 CFR

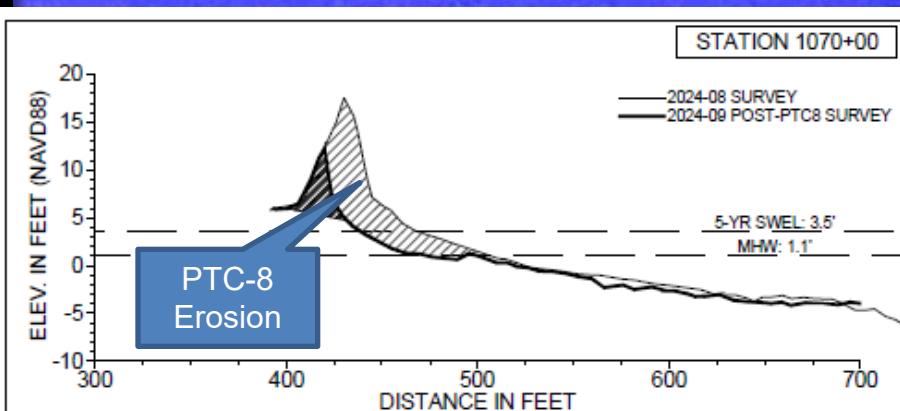
Program Regulations

2 CFR

Procurement Requirements

PA Program & Policy Guide (PAPPG)

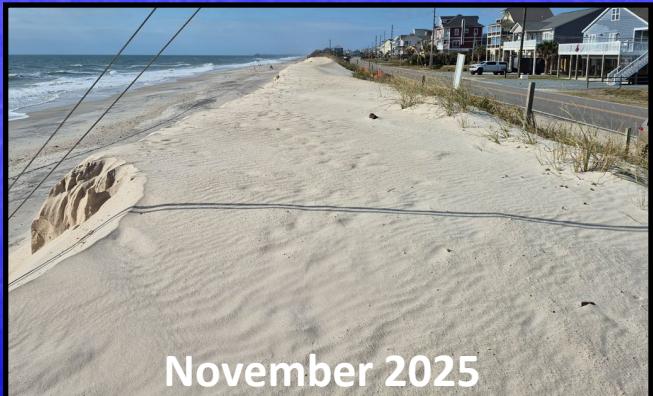
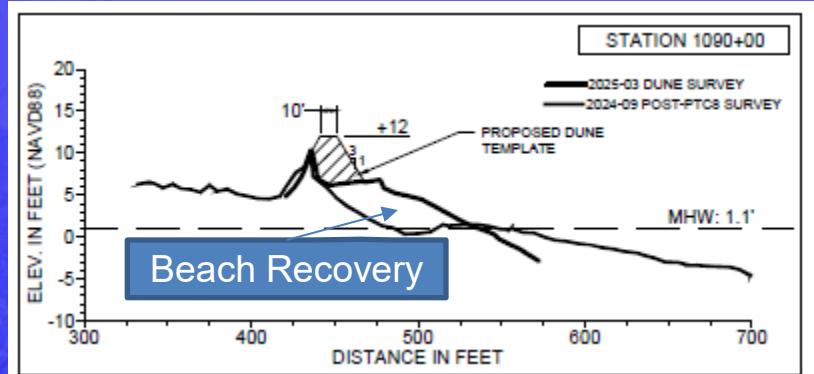
Policy



Critical Dune Restoration: ~8,000 cy in April/May

FEMA PTC-8 Mitigation

ST Wooten – Contractor

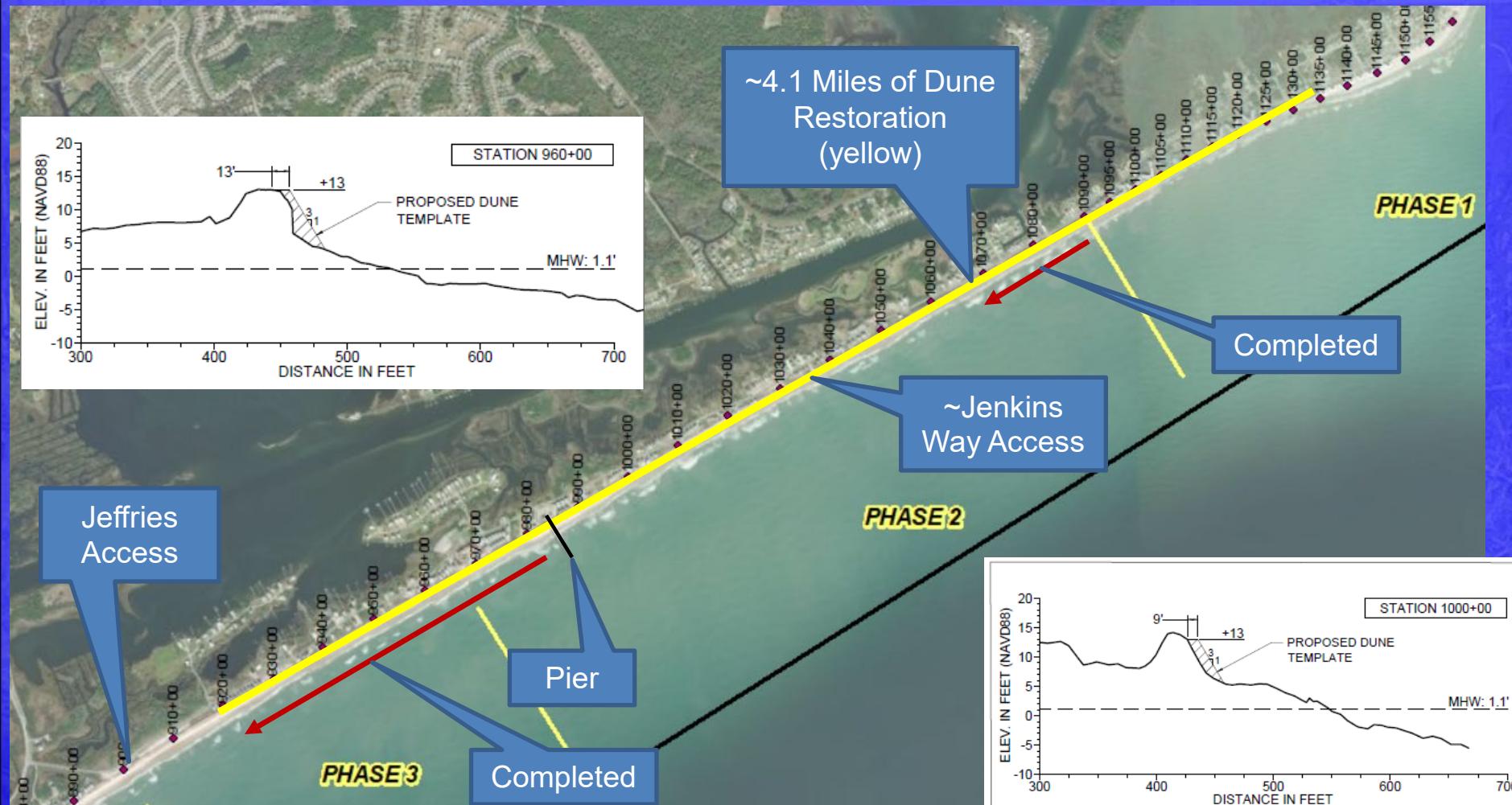


Northern Shoreline Dune Restoration (Phases 1 to 3 for 53,000 cy)

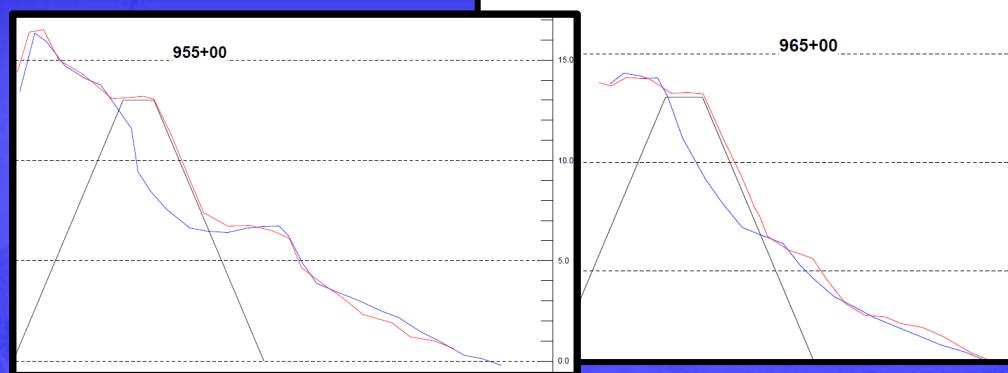
ST Wooten – Contractor –Approximately 3 Month Timeline

Work Started Monday, January 5

FEMA PTC-8 Mitigation



Northern Shoreline Dune Restoration (Phases 1 to 3 for 53,000 cy)



Town Beach Projects Updates

- New River Inlet Management Master Plan EIS: Draft EIS under several levels of USACE review. Higher level review ongoing. Shutdown has slowed this. Biological Assessment (BA) and Essential Fish Habitat (EFH) in progress.
- Post Tropical Cyclone 8 FEMA/NCEM- 53,000 cy dune restoration (in addition to 8,000 cy last April) in Phases 1, 2 and 3 ongoing.
- Disposal Area 143 Beneficial Reuse for Nourishment of Phases 1,2,3 of between ~1.9 and ~2.6 million cubic yards. Easement coordination on DA143 use ongoing with state agencies. Then final permit application submittal.
- DA 143 Grant Research and Funding Options Ongoing.
- Critical Dune Restoration in Phases 1 and 2 COMPLETED.
- State Grant Nourishment - ~220,000 cy in Phase 4 COMPLETED.
- Phase 1 – Corps AIWW Project (~77,000 cy placed north of Topsail Reef condos) COMPLETED.
- Working with NTB Staff regarding funding, accounting and reimbursement for FEMA funded projects
- Permitting Coordination (all projects)

