

# North Topsail Beach Coastal Update

## April 2024



Marina, Coastal, Environmental  
& Water Resources Engineers



# Ongoing and Upcoming Projects Overview

## State Grant, Dorian and Florence FEMA Category G



Phase 1 Cat. G:  
Dorian: ~15,000 cy  
Placed Last Season:  
~25,000 cy  
Permitted: 75,000 cy

State Grant:  
~303,000 cy

Phase 5 Cat. G:  
Placed: ~560,000 cy  
Florence Total: ~607,000 cy  
Dorian Total: ~30,000 cy

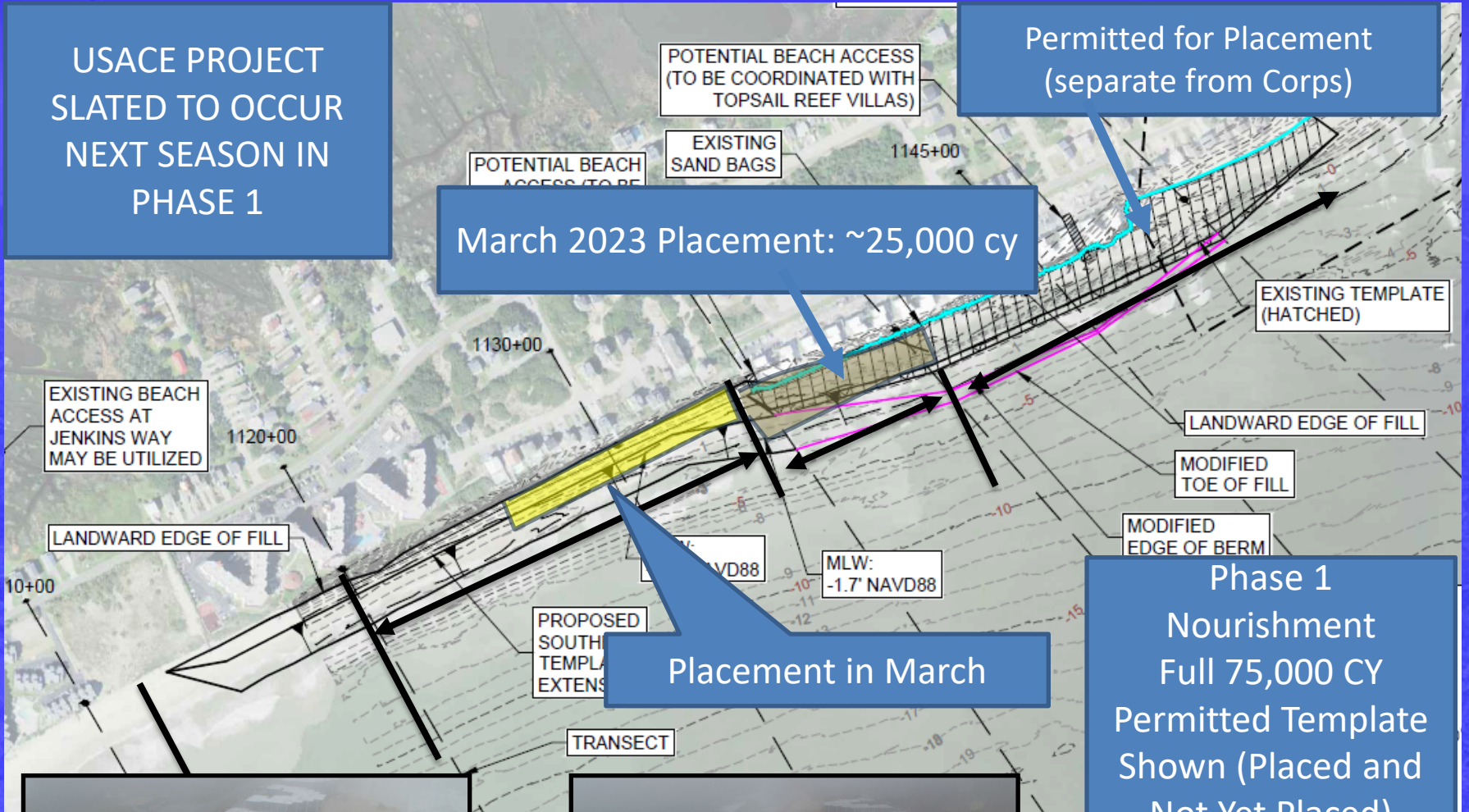


# Phase 1 Beach (not Dune) Truck Haul Nourishment

USACE PROJECT  
SLATED TO OCCUR  
NEXT SEASON IN  
PHASE 1

March 2023 Placement: ~25,000 cy

Permitted for Placement  
(separate from Corps)

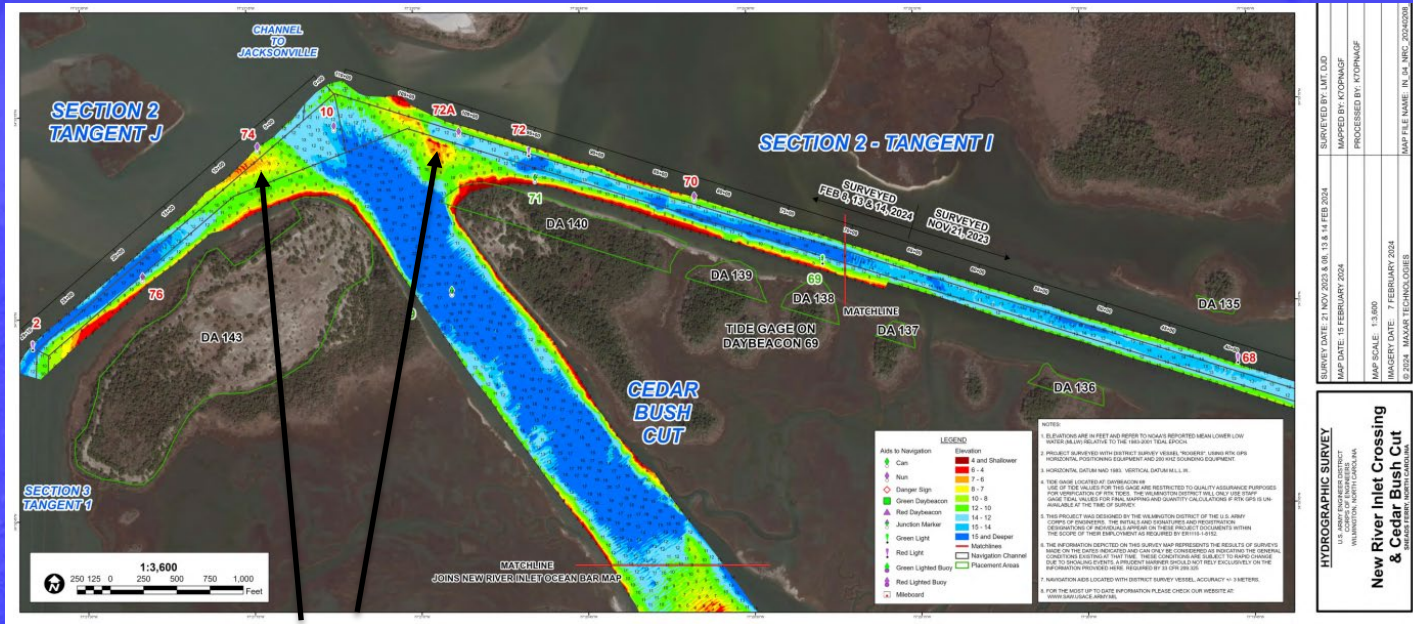


Phase 1  
Nourishment  
Full 75,000 CY  
Permitted Template  
Shown (Placed and  
Not Yet Placed)

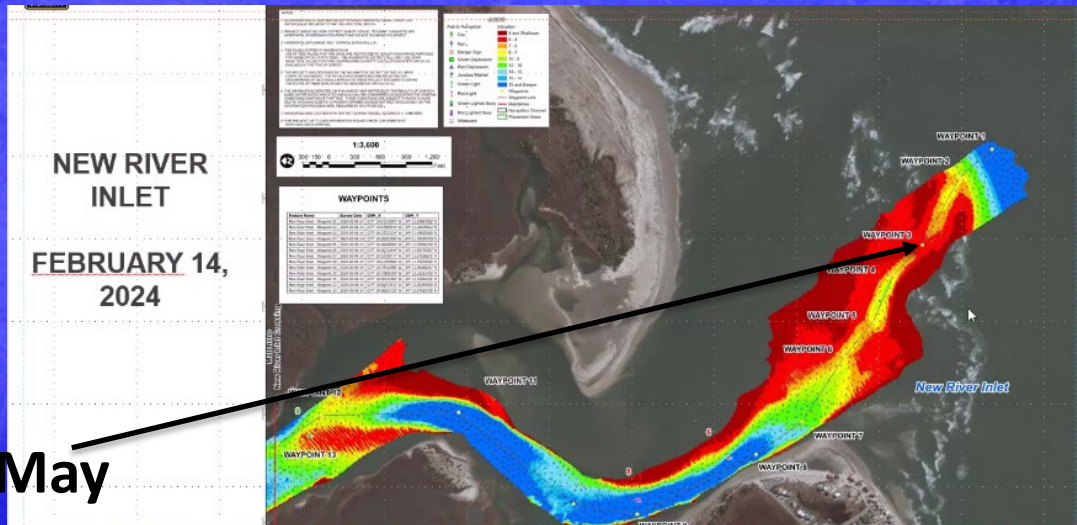




# March Quarterly USACE Shallow Draft Navigation Update



**Dredging with Fill Placement in Phase 1 Next Winter**



**Merritt Scheduled for NRI in May**



# Ongoing Florence & Dorian Nourishment in Phase 5 Beach (not Dune) Nourishment. ~3.0 Miles of New Beach Completed

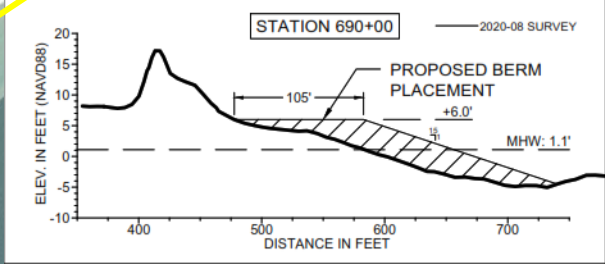


Work Completed  
~3.0 Miles

Access at Gray  
Street and  
Working South

Remaining Work

Town  
Limit





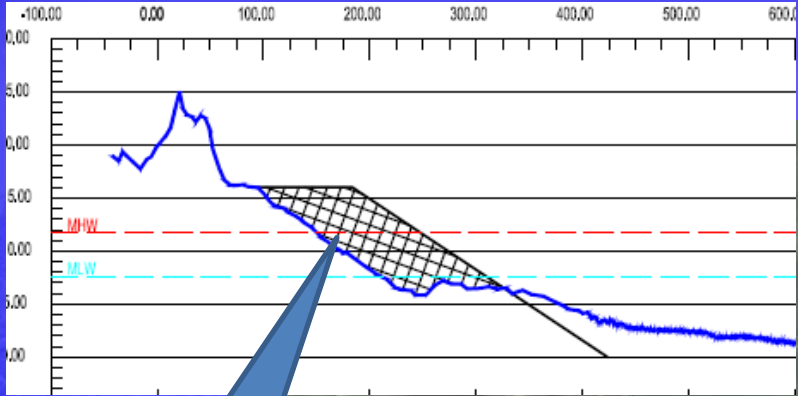


**Recent Phase 5 Photos**

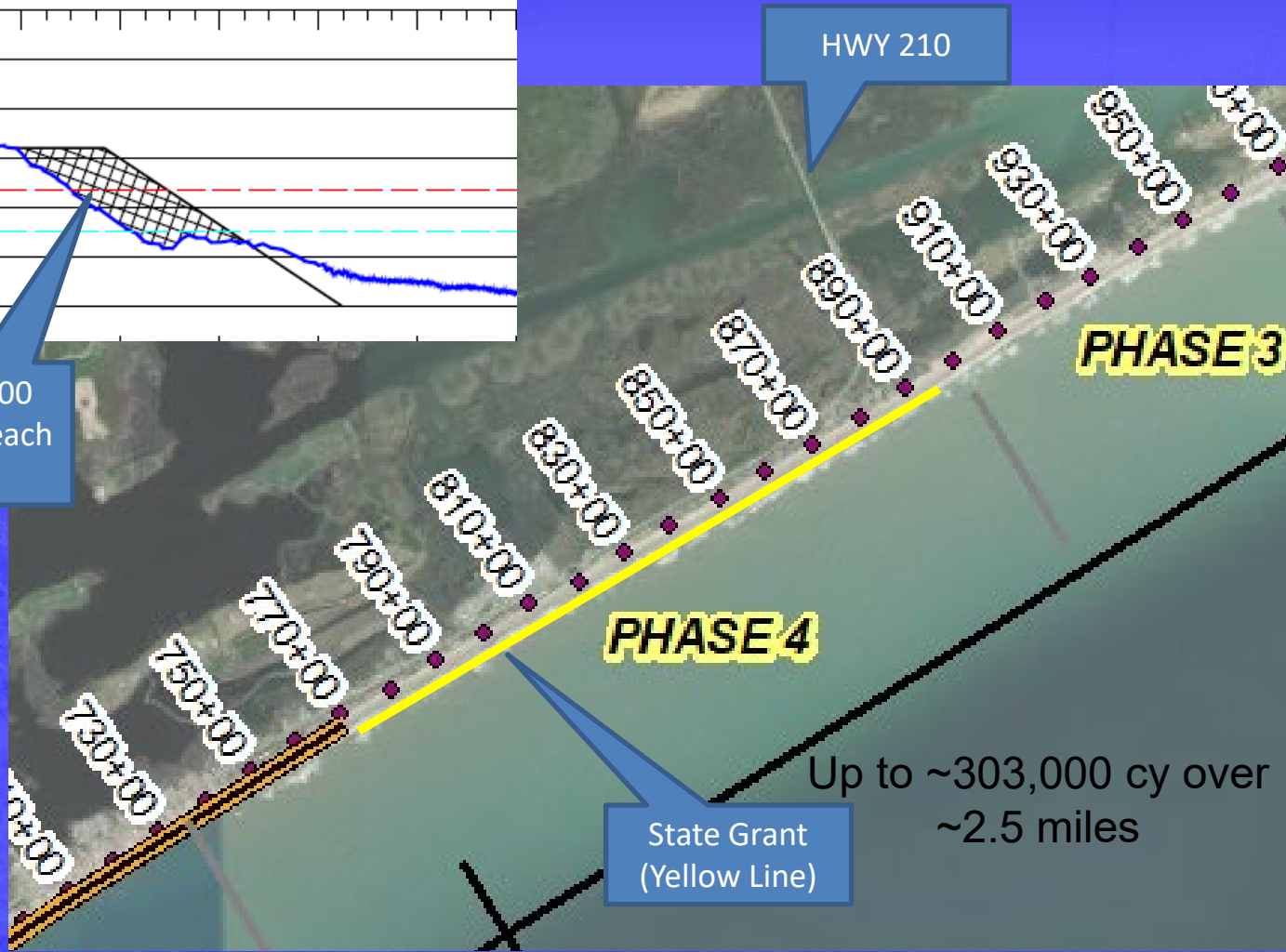




# Successful State Grant in Phase 4. Beach (not Dune) Nourishment



~80 to 100 Feet of Beach Width



Up to ~303,000 cy over ~2.5 miles

To Follow Phase 5 Project Completion

# Town Beach Projects Updates

- Phase 1 – March Placement
- New River Inlet Management Master Plan EIS: Draft EIS under development.
- State Grant Nourishment - ~303,000 cy in Phase 4 and connects with Phase 5 Truck Haul.
- Phase 5 Beach Nourishment – Updated Volumes Daily. Working Saturdays.
- USACE AIWW/Channel Dredging Planned Next Season for Phase 1 Project. USACE Coordination on Placement/Volume Now, if Possible.
- Working with NTB Finance Officer and DEC Associates regarding funding for FEMA and State funded projects
- Grant Coordination
- Permitting Coordination (all projects)

