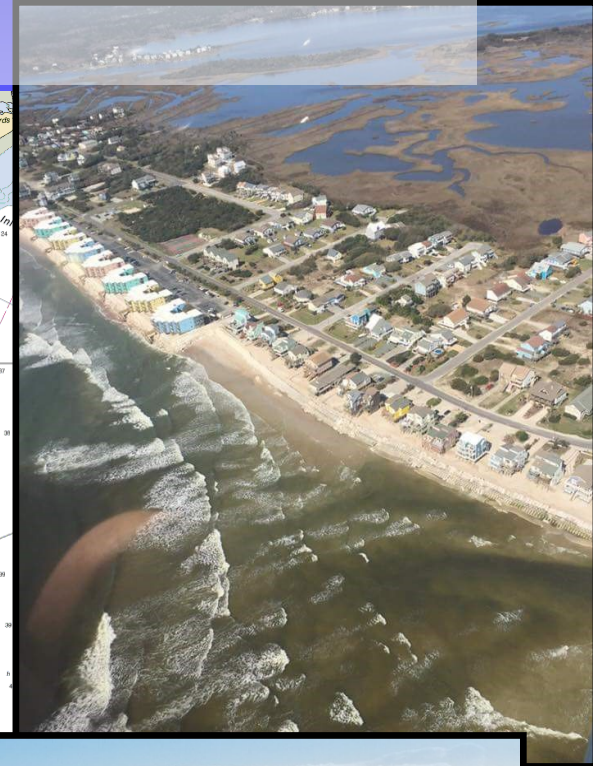
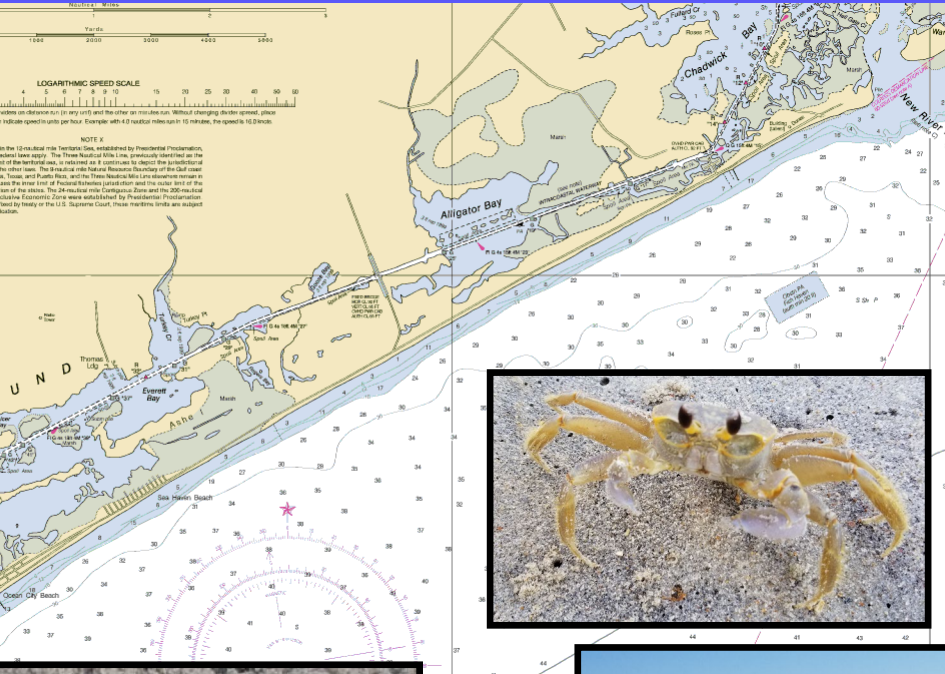


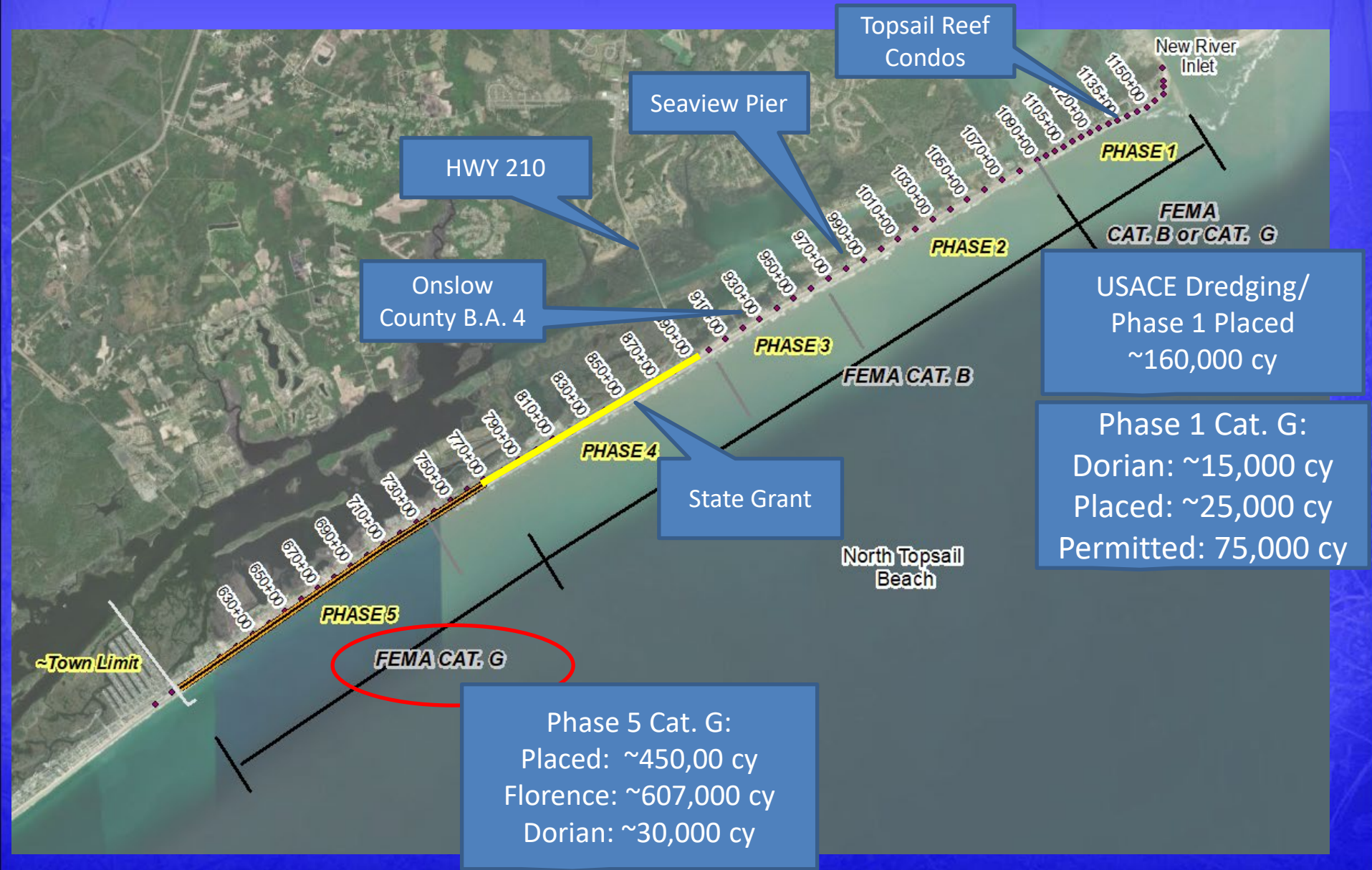
North Topsail Beach Coastal Update May 2023



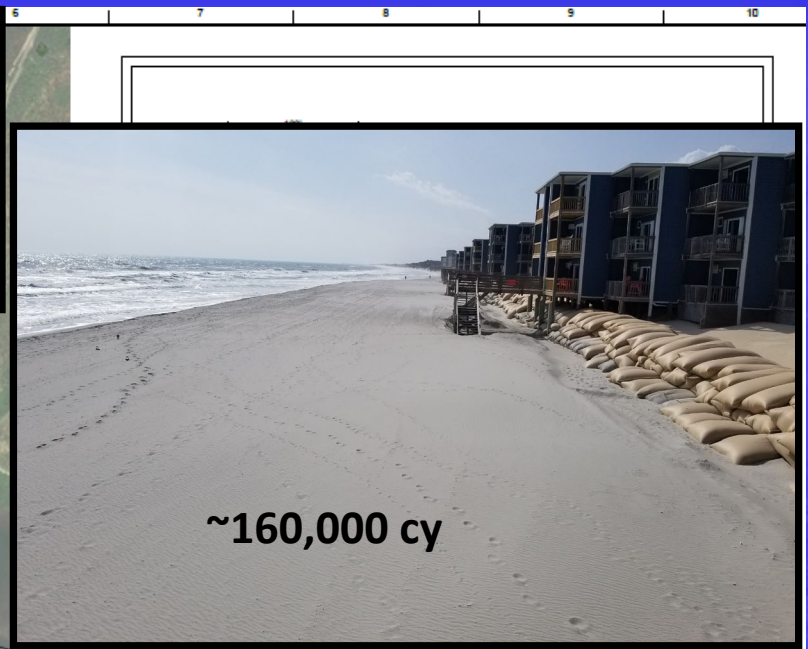
*Marina, Coastal, Environmental
& Water Resources Engineers*

Ongoing and Upcoming Projects Overview

State Grant, Dorian and Florence FEMA Category G



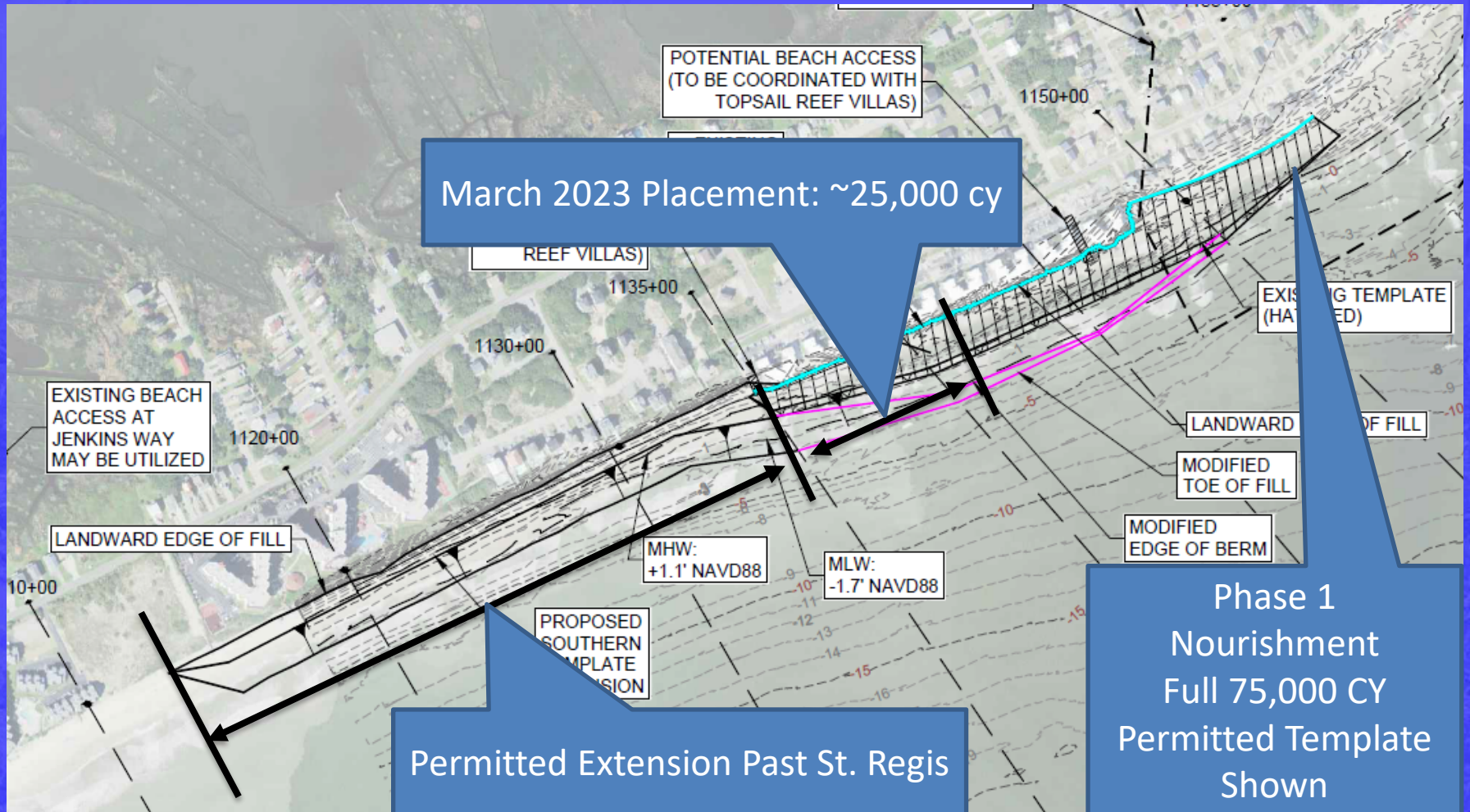
USACE (Corps) AIWW/Channel Dredging. Completed Mid March



NOTES



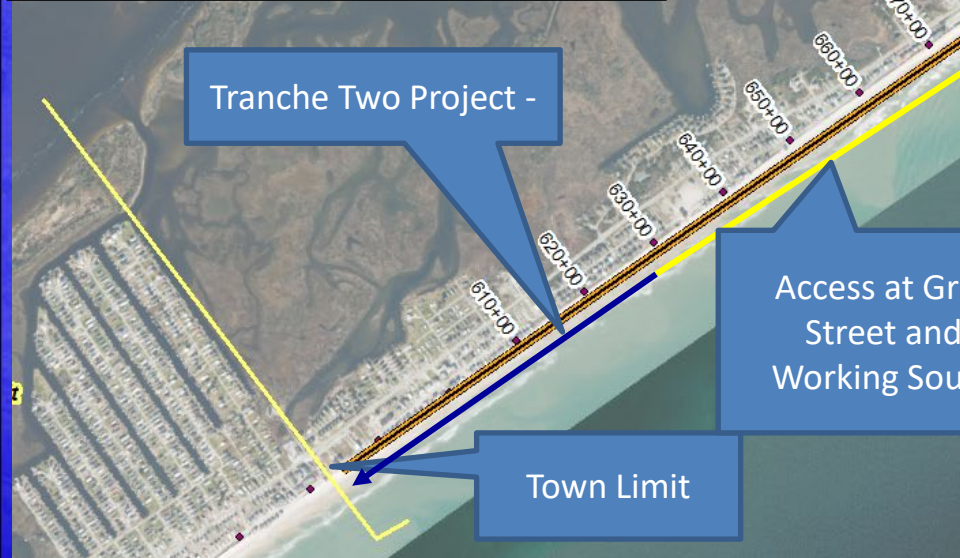
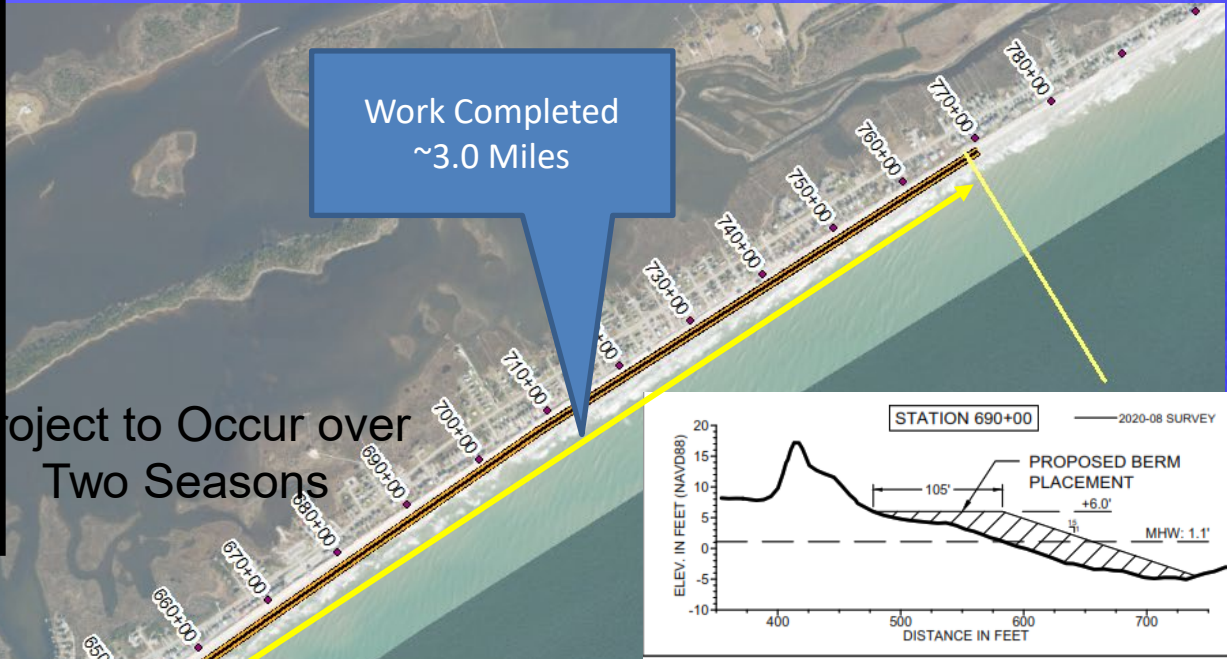
Permitted Nourishment NON-COBRA Areas in Phase 1 Beach (not Dune) Truck Haul Nourishment



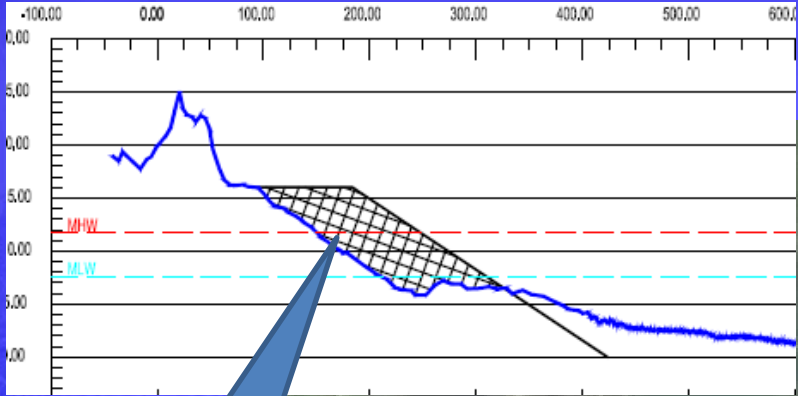
Phase 1 Truck Haul Extension South to ~St. Regis

- Phase 1 Nourishment – 15,000 cy FEMA funded

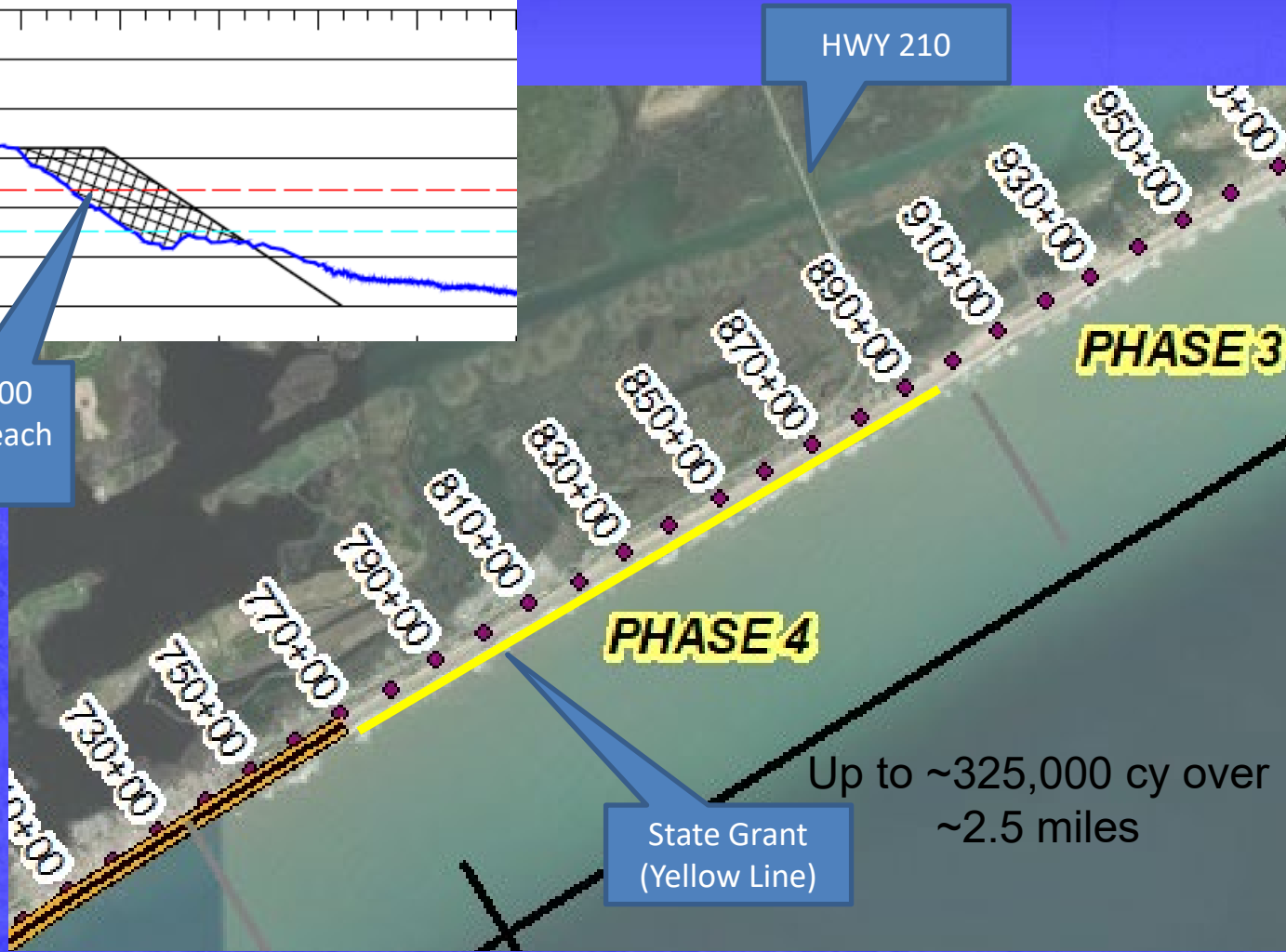
Ongoing Florence & Dorian Nourishment in Phase 5 Beach (not Dune) Nourishment. Over ~3.0 Miles of New Beach



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



~80 to 100 Feet of Beach Width



State Grant (Yellow Line)

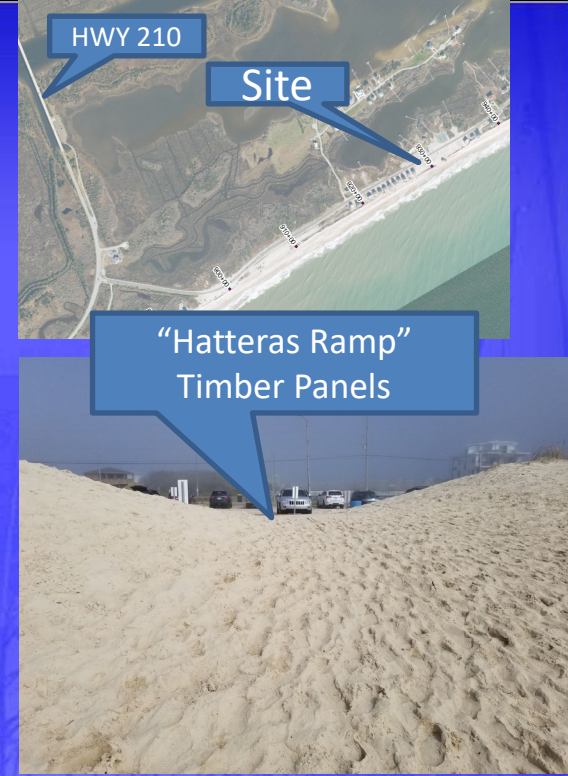
Up to ~325,000 cy over ~2.5 miles

Project to Occur Next Season – Permits Received

County Beach Access Dune Rehabilitation - Completed



Figure 1: Dune Material Placement (photo taken February 3, 2021).



"Hatteras Ramp"
Timber Panels

Post-Project

Post-Project

Town Beach Projects Updates

- USACE AIWW/Channel Dredging and Phase 1 Placement Completed in Mid March - ~160,000 cy
- Hurricane Dorian Phase 1 FEMA Category G (~15,000 cy) near Topsail Reef Condos. Completed ~25,000 cy at Topsail Reef Condos (bldgs. 5, 6, 7, 8) and ~75,000 cy now permitted (starting Nov 16, 2023) with placement extending south of St. Regis.
- New River Inlet Management Master Plan EIS: Notice of Intent (NOI) has been published and Draft EIS under development.
- County Beach Access 4 – Completed in late March
- State Grant Nourishment (Phase 4 and connects with Phase 5 Truck Haul)
- Phase 5 Beach Nourishment – Placed ~450,000 cy and now working south from the Gray Street access (work to continue to April 30)
- Working with NTB Finance Officer and DEC Ass
- FEMA and State funded projects
- Permitting Coordination (all projects)

