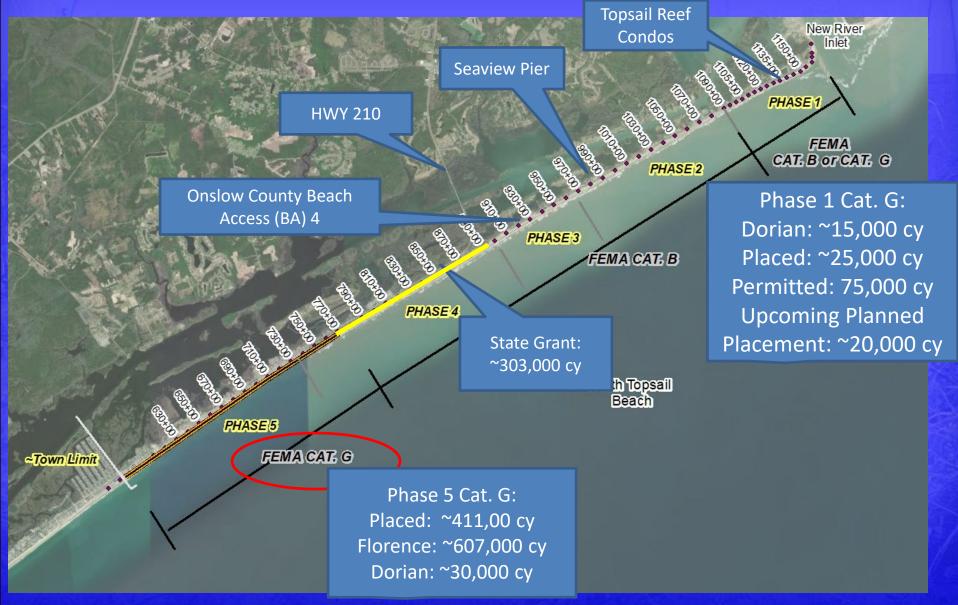
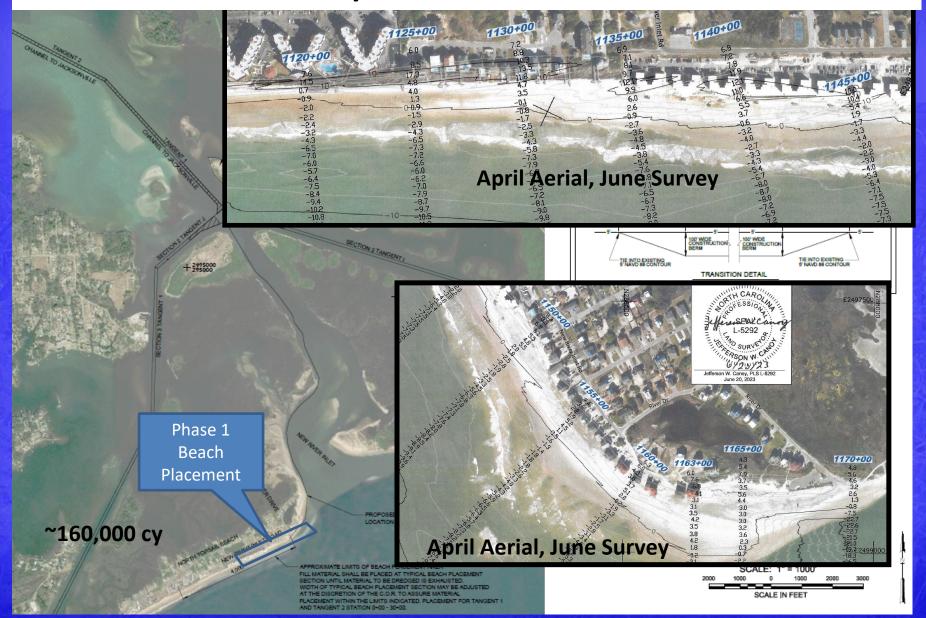
North Topsail Beach Coastal Update



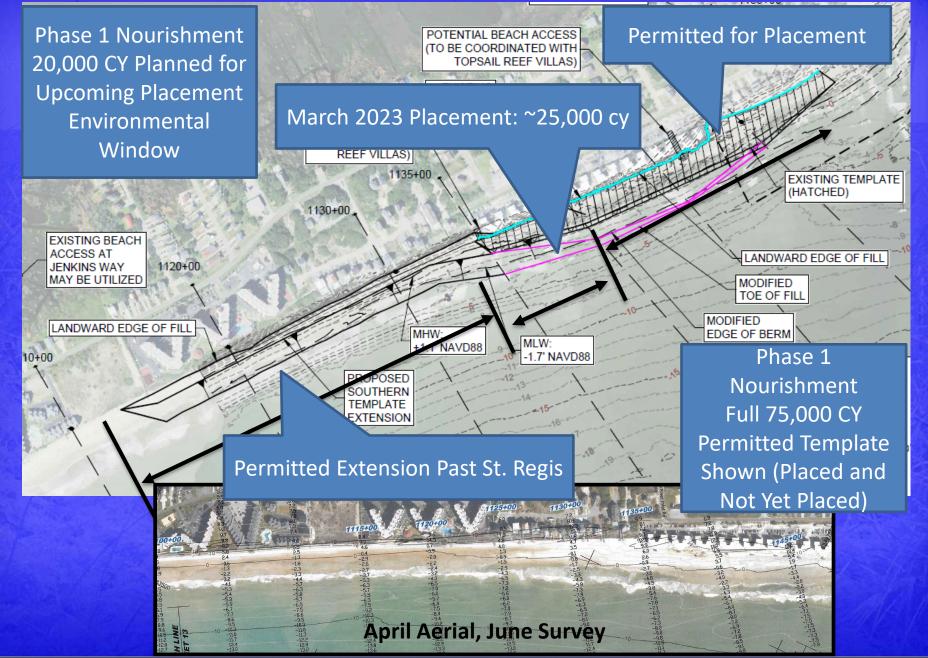
Ongoing and Upcoming Projects Overview State Grant, Dorian and Florence FEMA Category G



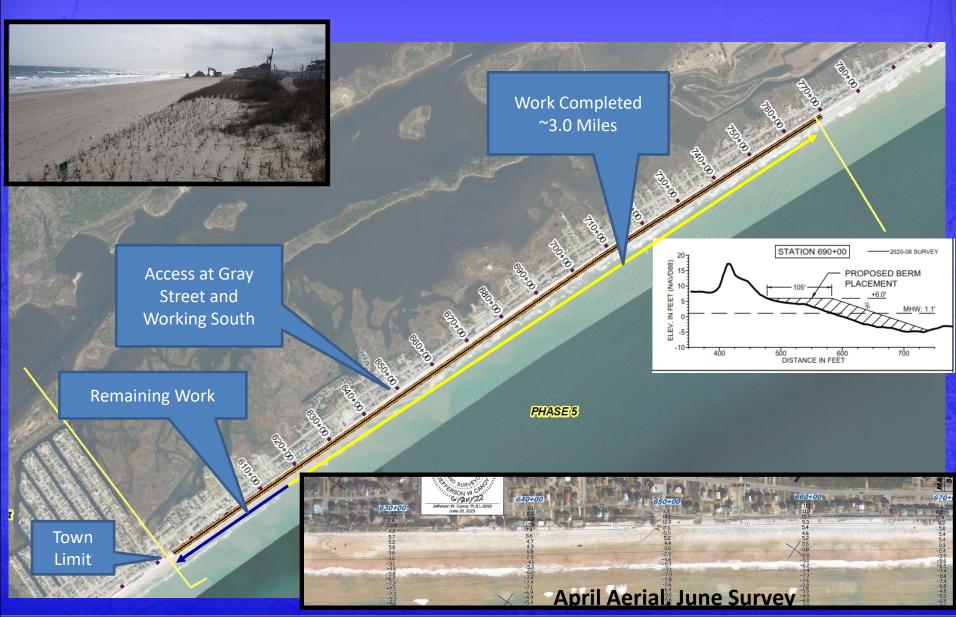
USACE (Corps) AIWW/Channel Dredging. Completed Mid March. June Survey Shows Material Still There.

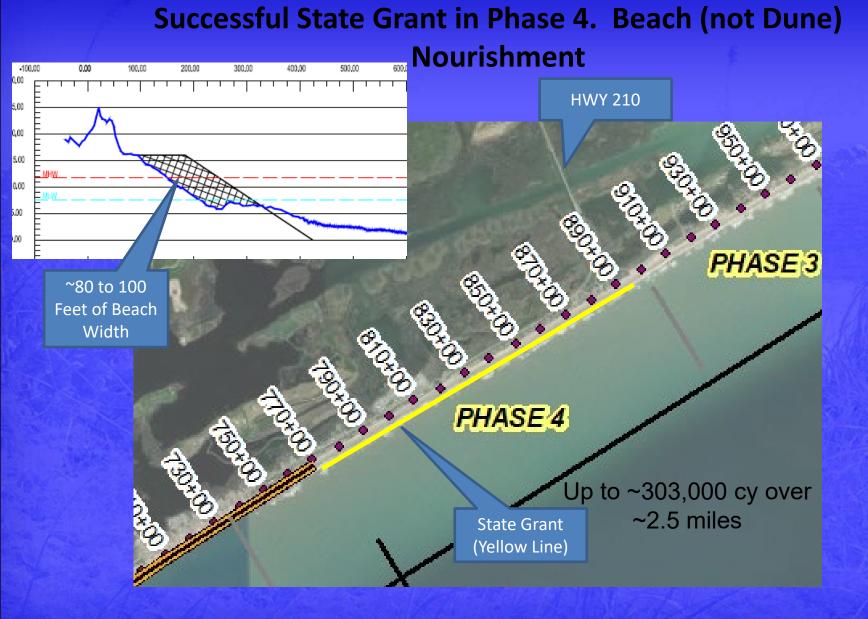


Phase 1 Beach (not Dune) Truck Haul Nourishment



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





Project Timing vs Project Production

County Beach Access Dune Rehabilitation - Completed

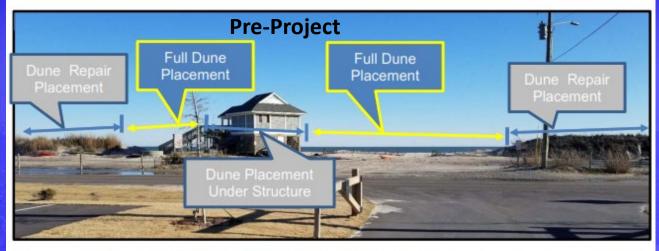


Figure 1: Dune Material Placement (photo taken February 3, 2021).

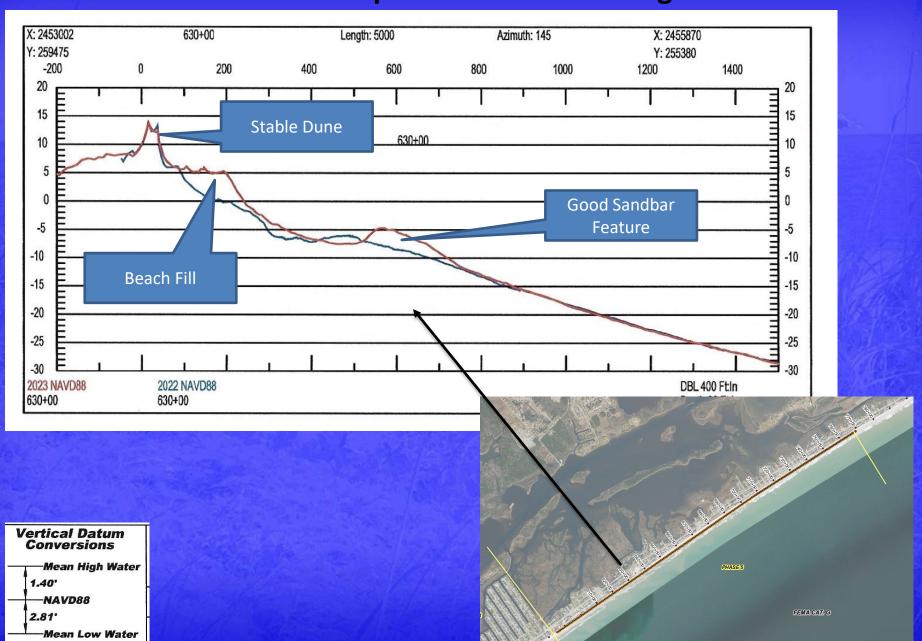


Vegetation Sprigging Occurred last week of May (Sea Oats and Bitter Panicum)

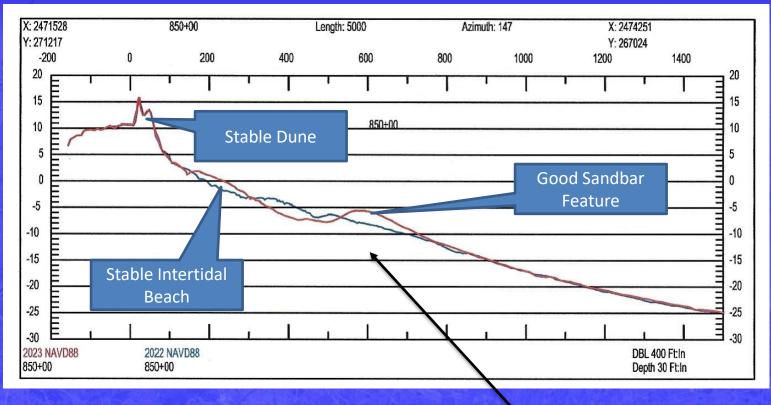


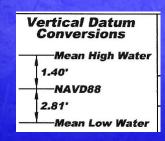


Phase 5 Example Annual Monitoring Profile



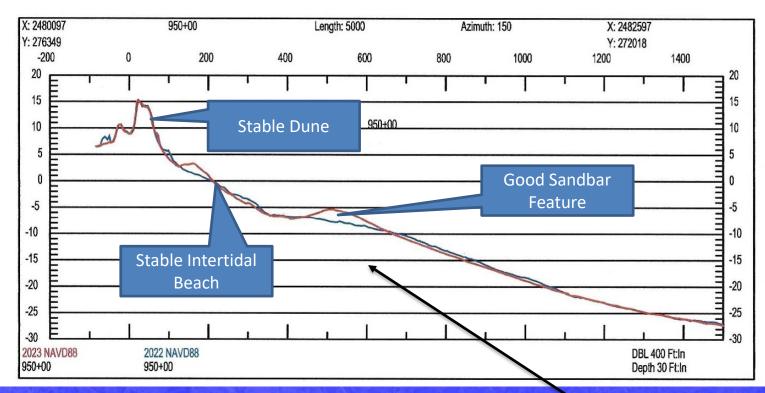
Phase 4 Example Annual Monitoring Profile







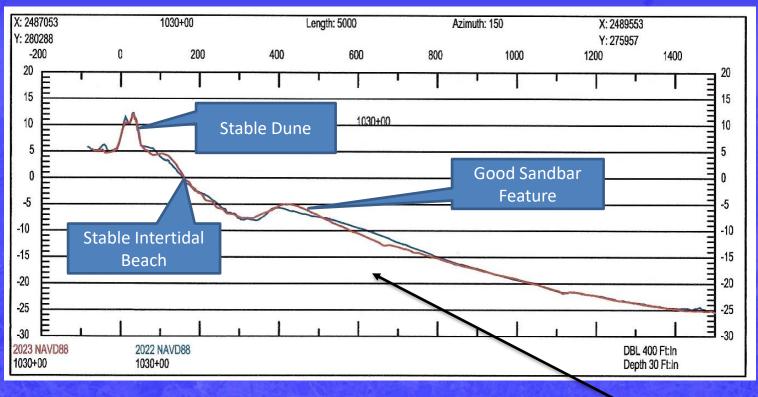
Phase 3 Example Annual Monitoring Profile

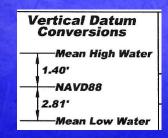






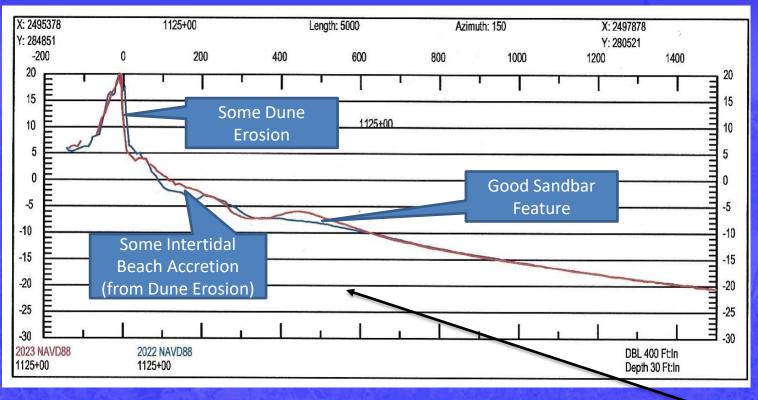
Phase 2 Example Annual Monitoring Profile







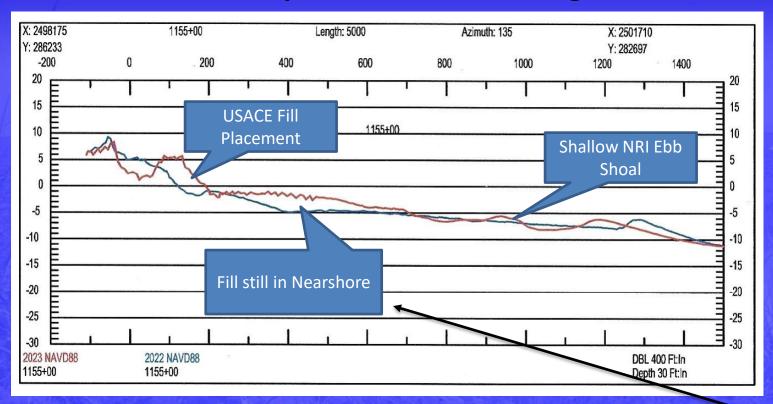
Phase 1 Example Annual Monitoring Profile

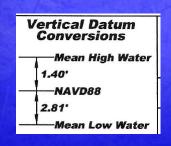






Phase 1 Example Annual Monitoring Profile Near Inlet







Town Beach Projects Updates

- Annual Monitoring Completed in June. Beach Wide Volume Comparison with Last Year's Survey Underway.
- 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 ~20,000 cy now planned for placement.
- New River Inlet Management Master Plan EIS: Notice of Intent (NOI) has been published and Draft EIS under development.
- County Beach Access 4 –Vegetation Sprigging Completed Late May
- State Grant Nourishment ~303,000 cy in Phase 4 and connects with Phase 5 Truck Haul.
- Phase 5 Beach Nourishment Placed ~411,000 cy. Remaining volume (~226,000 cy).
- Working with NTB Finance Officer and DEC Associates regarding funding for FEMA and State funded projects
- Permitting Coordination (all projects)