

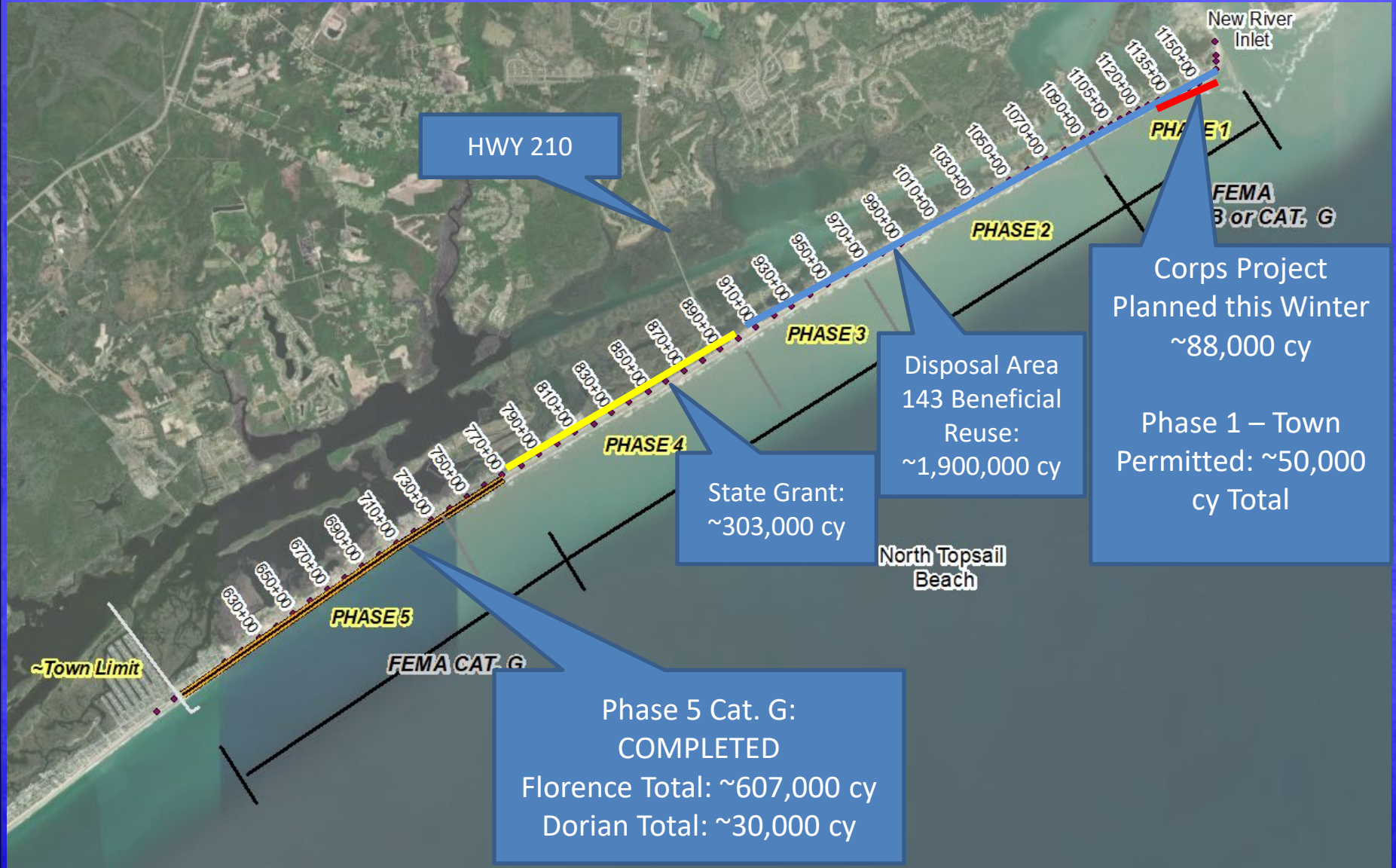
North Topsail Beach Coastal Update October 2024



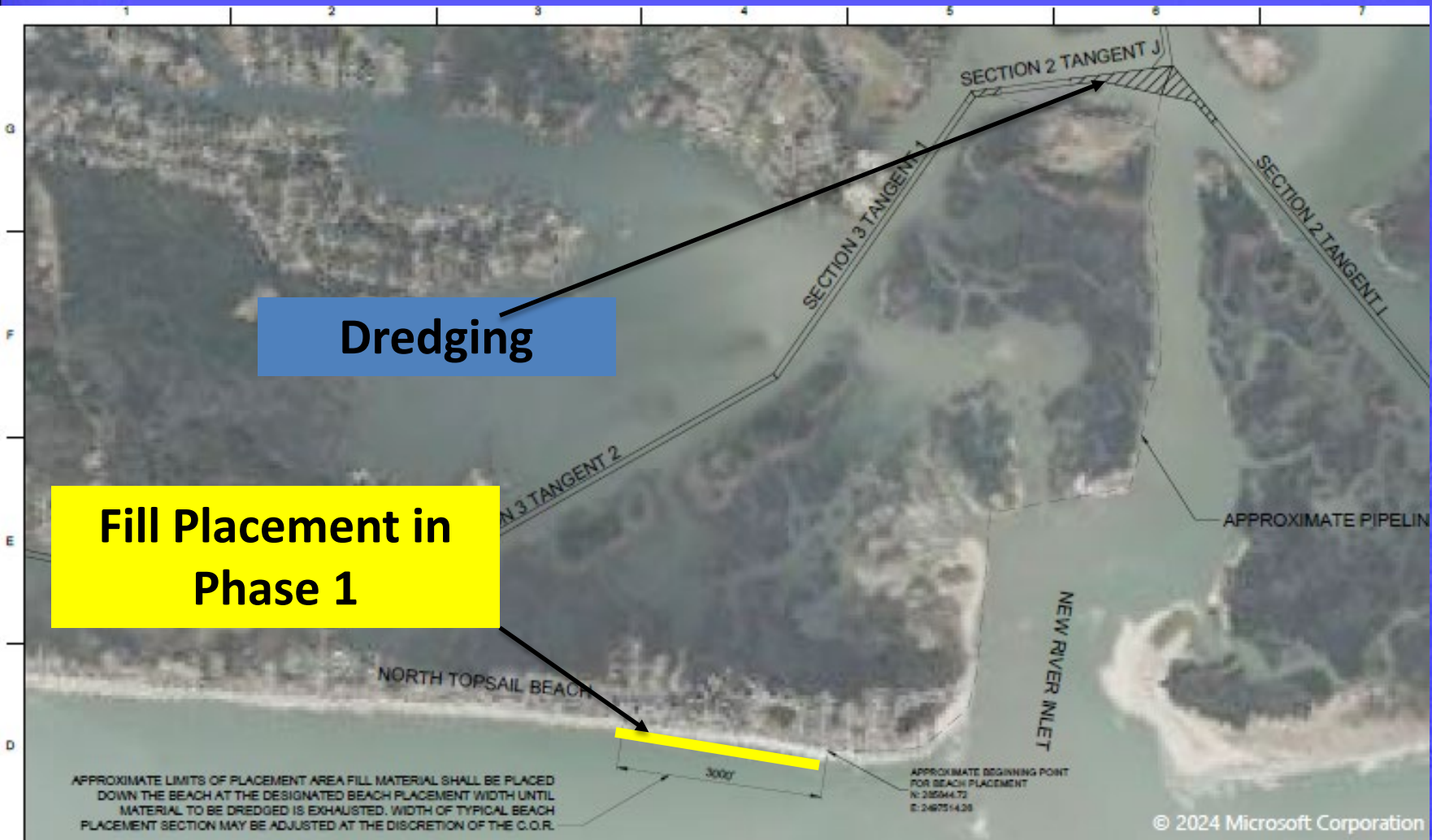
Marina, Coastal, Environmental
& Water Resources Engineers

Recent and Upcoming Projects Overview

State Grant, Beneficial Reuse, Florence FEMA Category G

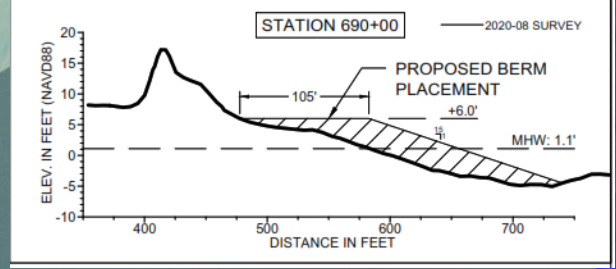


USACE Navigation Dredging and Placement This Winter Corps Project Out For Bid (due Sept 27):

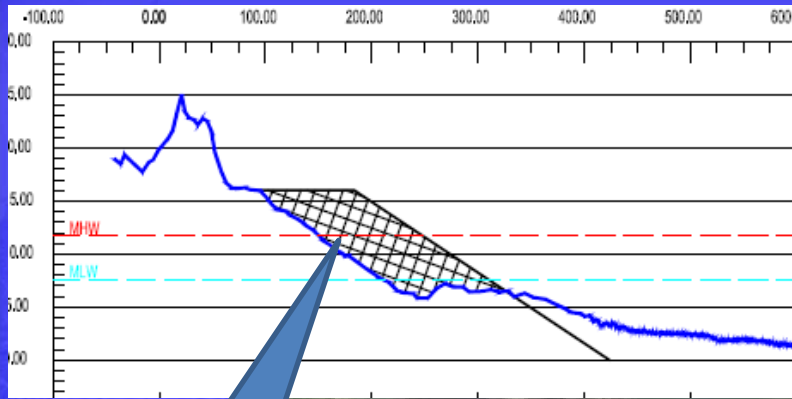


**Estimated Yardage in Corps Bid Package: 88,000 cy
(dependent on additional sedimentation between now and project)**

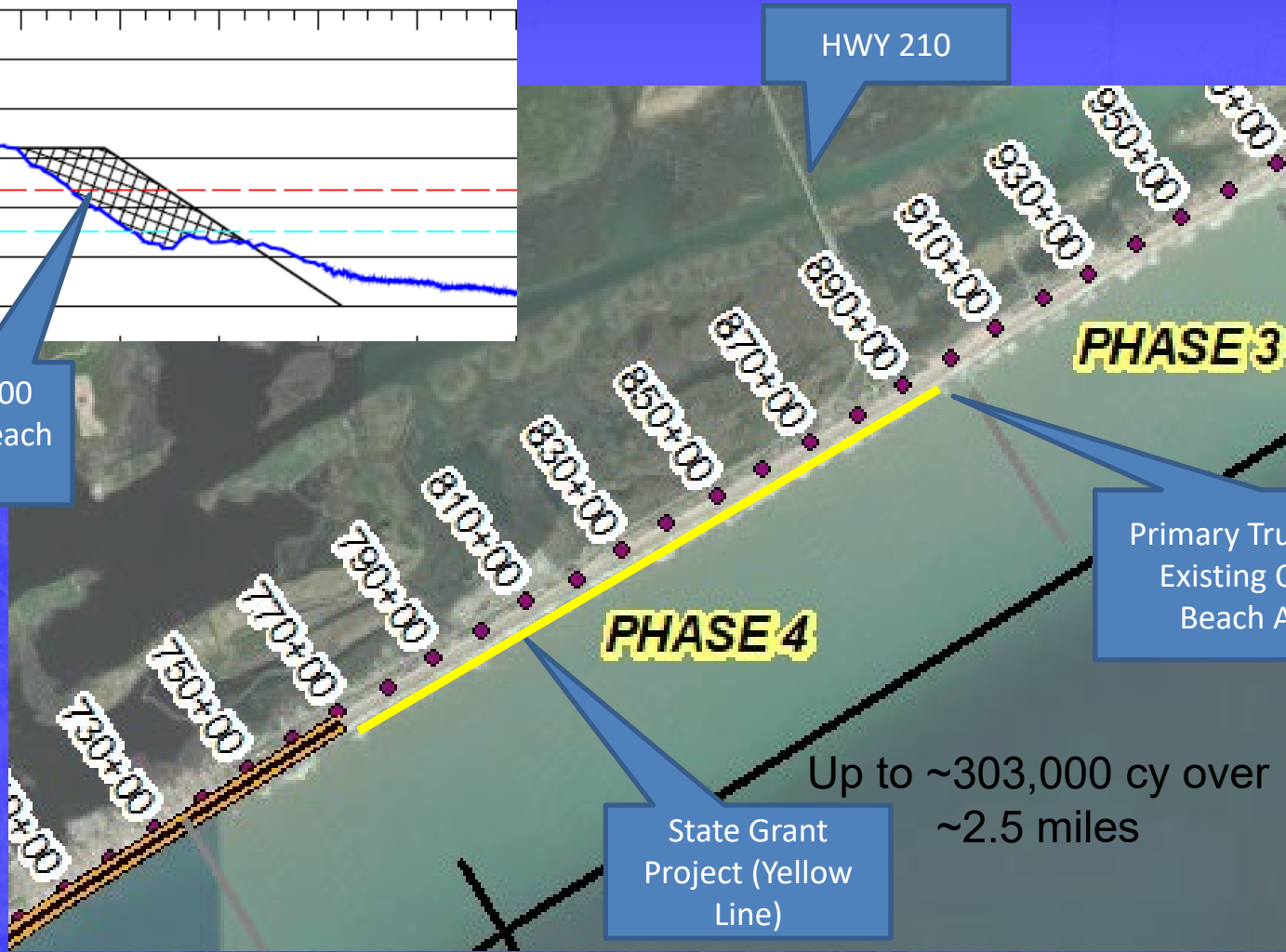
COMPLETED FEMA Mitigation Nourishment in Phase 5 Beach (not Dune) Nourishment. ~3.5 Miles of Restored Beach



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



~80 to 100 Feet of Beach Width



State Grant Project (Yellow Line)

Primary Truck Access at Existing Opening at Beach Access 33

Up to ~303,000 cy over ~2.5 miles

To Begin November 16, 2024

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

- Investigations Ongoing,
- Permit Application to Follow.
- 2024 Analysis shows up to 2.6 million cubic yards at DA 143 (1.9 million cubic yards was previous estimate)



Town Beach Projects Updates

- Recent Tropical Storm and King Tides Caused Some Erosion but Beach Generally Held up Well
- Phase 1 – Corps AIWW Project out for bid (~88,000 cy estimated)
- New River Inlet Management Master Plan EIS: Final Sections of Draft EIS under development.
- State Grant Nourishment - ~303,000 cy in Phase 4 to begin November 16.
- Post Tropical Storm Survey scheduled. To be compared with pre-storm annual monitoring survey.
- Disposal Area 143 Beneficial Reuse for Nourishment of Phases 1,2,3 of between ~1.9 and ~2.6 million cubic yards - investigations ongoing , then permitting
- Working with NTB Finance Officer and DEC Associates regarding funding for FEMA and State funded projects
- Grant Coordination
- Permitting Coordination (all projects)

