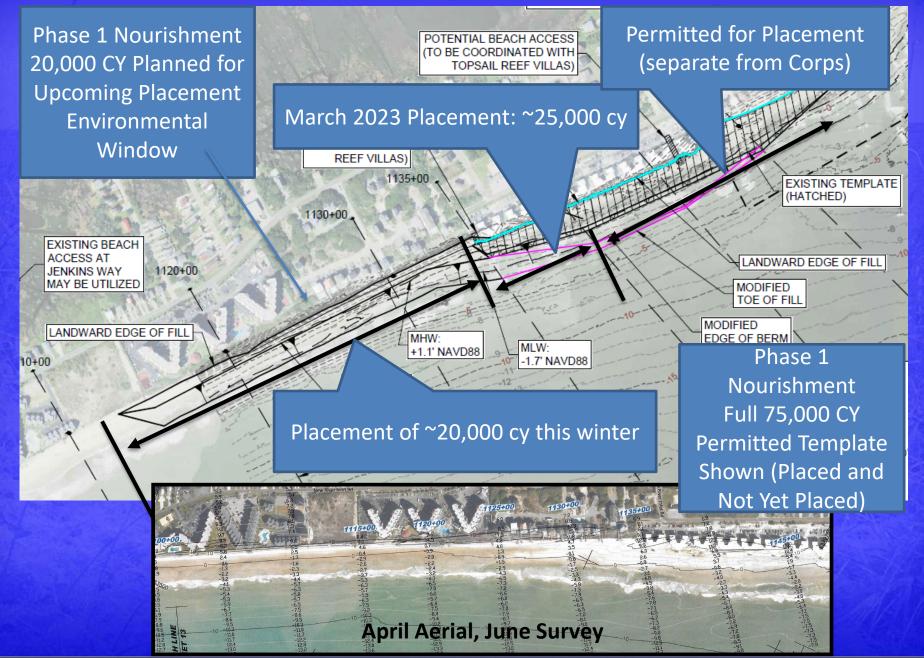
## **North Topsail Beach Coastal Update**



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

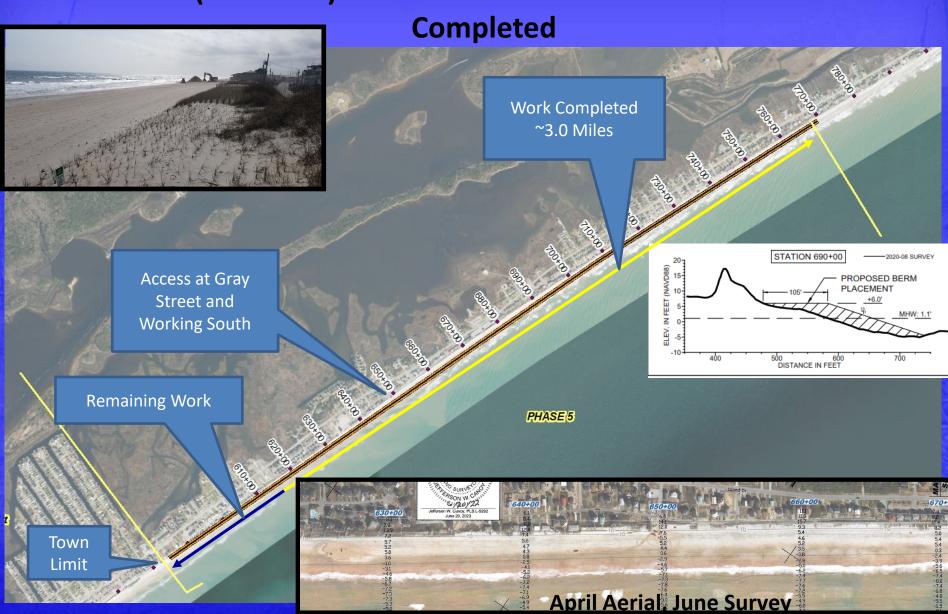


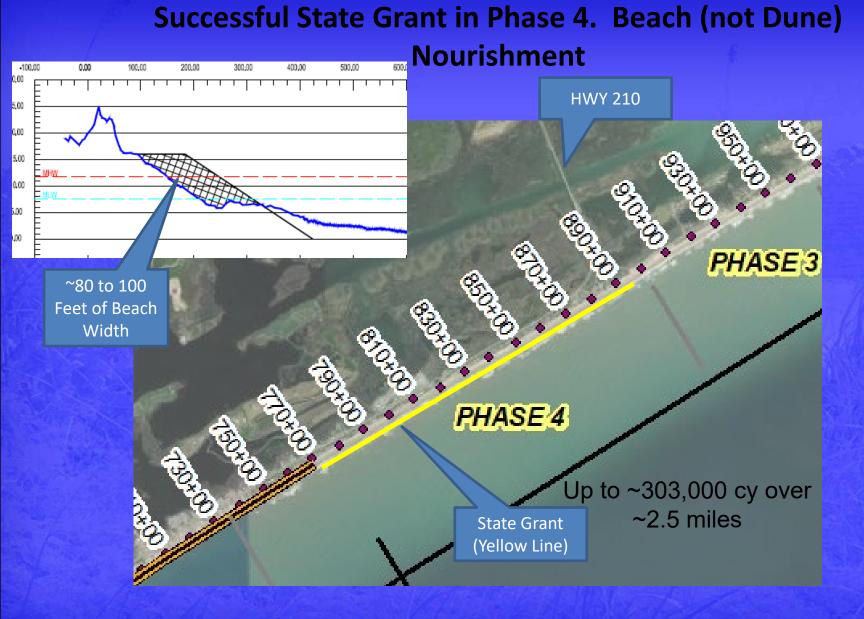
## Phase 1 Beach (not Dune) Truck Haul Nourishment



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

Completed



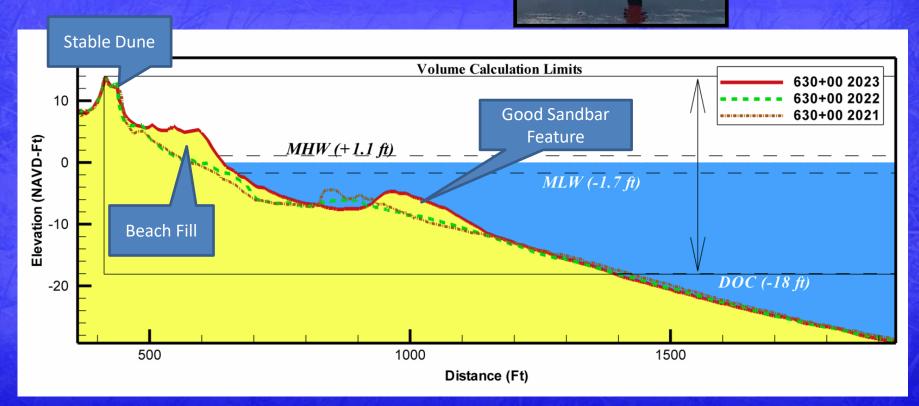


**Project Timing vs Project Production** 



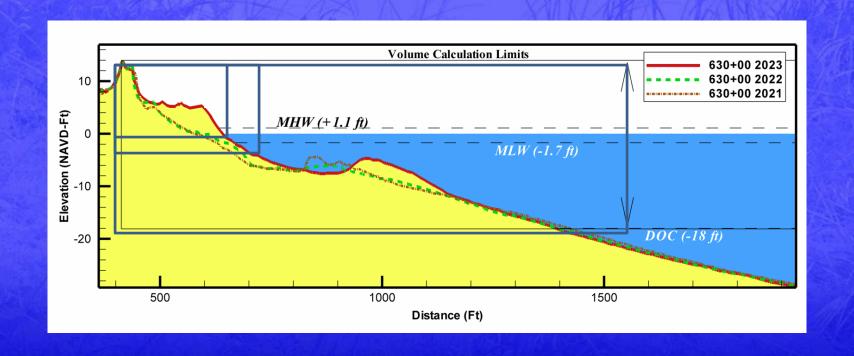
Storm Conditions (if needed)

Survey is Town Wide from Dune out to ~500 Yards Offshore



	Annual Monitoring Gain/Loss (CY)		
Volume Limits:	Dune to Depth-Of-Closure (~300 yards offshore)	Dune to MLW	Dune to MHW
PHASE 1	+120,481	+56,267	+36,947
PHASE 2	-23,352	-8,380	-3,866
PHASE 3	-28,884	-27,494	-22,790
PHASE 4	+100,335	+45,771	+11,008
PHASE 5	+255,868	+164,282	+114,411
Total	+424,448	+230,446	+135,709

	Annual MHW Change (ft)
PHASE 1	+24.8
PHASE 2	+10.9
PHASE 3	+0.2
PHASE 4	+8.5
PHASE 5	+36.8
TOTAL	+19.1



## Town Beach Projects Updates

- Annual Monitoring Completed in June. Beach wide overall gain of ~424,000 cy over the last year (largely due to nourishment efforts).
- Phase 1 ~20,000 cy planned for placement this winter.
- 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 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)

