

**COST ESTIMATE INCLUDING PERMIT COMFORT
REVENUE BOND PROJECT INFORMATION**
(To be completed by Engineer or Architect)

PROJECT NAME: North Topsail Beach Reach 5 South End Truck Haul Beach Nourishment-Tranche Two

PROJECT DESCRIPTION:

The proposed project includes excavating sand from an existing permitted upland sand mine and trucking sand via dump trucks from the mine to the beach. Sand will be placed in an upland staging area along the existing beach by the dump trucks, loaded on an off-road dump truck by excavator, and then trucked to the appropriate dumping locations. The sand will then be spread and graded to match lines shown on the plans by bull dozers and front-end loaders. This is the same general activity that the town has performed the last three years along its oceanfront (during the permitted winter/spring environmental window). Overall, the project entails the excavation, transport, placement, and grading of approximately 290,000 cubic yards of beach quality sand along approximately 6,800 feet of North Topsail Beach shoreline. The project is anticipated to occur over 5 months (noting that no placement can occur during turtle nesting season)

COST ESTIMATE:	Construction Cost Estimate	=	\$ <u>8,621,652.64</u>
	*Engineering Fee Estimate	=	\$ <u>585,000.00</u>
	Sub-total		\$ <u>9,206,652.64</u>
	<u>10% Contingency</u>	=	\$ <u>920,665.26</u>
	Total Estimated Budget Amount:	=	\$ <u>10,127,317.90</u>

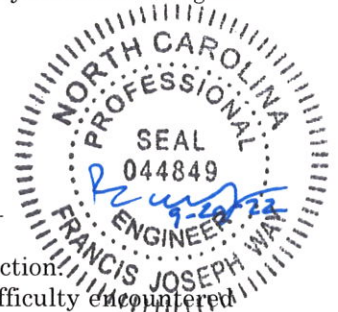
**Statement Pertaining to Permits and Effect on Project:

As with all large NC nourishment projects, the proposed project went through a rigorous permitting process led by NC Division of Coastal Management (DCM) and the U.S. Army Corps of Engineers (USACE) with many state and federal natural resource agencies reviewing and commenting on the project. All required permits from NC DCM, NC DWR and the USACE have been issued. It is not anticipated at this time that there will be any material difficulty encountered that would significantly change the scope, the amount required, or scheduling of the project.

The information submitted herewith represents a reasonable estimate based on my understanding of the Project and information I am aware of at this time.

COMPANY: Applied Technology & Management (ATM of NC)

Signature:  SEAL Date: 9/20/22



* Includes fees associated with design, engineering during construction and inspection.
 ** (Example: it is not anticipated at this time that there will be any material difficulty encountered in obtaining permits that would significantly change the scope, the amount required, or scheduling of the Project. This Project involves no discharge permits other than stormwater discharge permits. Stormwater and wetland permits are general permits and Nationwide permits for construction and do not require public notice.)