

OCEAN ISLE BEACH SHORELINE PROTECTION PROJECT
TERMINAL GROIN COMPONENT
ADDENDUM #1 – August 17th 2021

The following items shall become part of the Contract Documents and shall be as binding as if contained therein. All other terms and conditions shall remain the same.

ITEM 1: RESPONSE TO BIDDER'S QUESTIONS

1. Question: Can you provide a typical section of the existing Ocean Isle roadway along the outlined haul path and Shallotte Blvd. to estimate the potential costs for roadway repairs, if required?

Response: The following information regarding the pavement cross-section along Shallotte Blvd and E. 4th Street was provided by the Owner:

- ***Repairs to Shallotte Blvd and E. 4th Street shall include 2 inches SF 9.5A Asphalt Surface, 6" ABC Base, and compacted subgrade.***

2. Question: Will the Engineer allow smaller stones to be placed within the gaps/voids of the armor stone as a means to allow construction equipment to work from the top of structure as it is constructed?

Response: If temporary chinking is employed as part of the Contractor's Means and Methods, all chinking shall be removed prior to final acceptance. The contract specifications Technical Provision 20.2 and Technical Provision 20.5 remain unchanged.

3. Question: What is the Owner's budget for the project?

Response: The Owner has not made this information available at this time. It should be noted that the Owner was ready to proceed with the low bid that was received following the solicitation of a similar project in 2018.

4. Question: What is the engineer's estimate for construction of the Terminal Groin?

Response: The Engineer has not determined an estimate for construction of the terminal groin.

5. Question: Will sand that is excavated to construct the terminal groin be allowed to be placed to the side of the structure or will it need to be removed?

Response: Sand excavated to construct the terminal groin shall be placed adjacent to the structure and is not required to be removed in accordance with but not limited to Technical Provisions 8.2 and 17.

6. Question: Where can the stones be placed for storage?

Response: No stone shall be stored seaward of the Mean High Water line in accordance with but not limited to Technical Provision 20.1.

7. Question: Are off-road trucks allowed to be used for transporting stone during the project?

Response: *The use of off-road trucks are not permitted.*

8. Question: Can the bid date be extended 2-3 weeks to allow for more information on the dredging contract to be available, as detailed previously?

Response: *The bidding period will not be extended at this time.*

9. Question: Can stones be delivered on the east end spit, loaded onto trucks, and driven along the beach below the vegetation line to the project site?

Response: *The permit currently does not allow for stones to be delivered on the sand spit at the east end of the island. However, the bidder may reach out to the USACE Regulatory and the NC DEQ Division of Coastal Management to inquire about obtaining permit modifications to allow this activity.*

10. Question: The beach nourishment dredge harvest area is defined within Shallotte Inlet. If the renourishment contract commences prior to the terminal groin completion, how will the removal of the protective sand bar affect the grade within groin footprint? Will the owner/engineer pay for the additional quantity of rock required beyond the do not exceed estimate quantity if this occurs?

Response: *The borrow area within Shallotte Inlet has been dredged 4 times since 2001. The Owner is unaware of any adverse impacts on the site of the proposed terminal groin immediately following the inlet dredging events. The ENGINEER reserves the right to increase or decrease the stone quantities as dictated by site conditions; however, the bid tonnage is the maximum pay tonnage unless changed by the Engineer. Additionally, the Owner can order a 25% increase or decrease from the estimated quantity of any specific item included in the base bid without an adjustment in any Unit Price of the Contract.*

11. Question: Would ESZ-20-700 non-domestic hot rolled steel sheet pile and MSZ-17 domestic cold rolled steel sheet pile be acceptable for use on the project?

Response: *The hot rolled steel sheet pile ESZ-20-700 and cold rolled steel sheet pile MSZ-17 both meet the structural requirements of the steel sheet pile section referenced in the specifications. The sheet pile shall be new A572 grade 50 ksi steel and shall be coated in accordance with the technical specifications including but not limited to Sections 01000-13 and 01000-27.*

ITEM 2:

SUPPLEMENTARY CONDITIONS PART 00800, Section 7.03 Labor; Working Hours: **DELETED** first paragraph and **REPLACED** with: “Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site may occur seven (7) days a week, no restriction on work hours. Contractor will not perform Work on any legal holiday. Contractor may perform Work on legal holidays only with Owner’s written consent, which will not be unreasonably withheld.”

ITEM 3:

TECHNICAL PROVISIONS PART 01000, Section 3. Permissible Work Days and Hours: *DELETE* the first and second paragraphs and *REPLACE* with: “Construction may occur seven (7) days a week, no restrictions on work hours. CONTRACTOR will not perform Work on any legal holiday. CONTRACTOR may perform Work on legal holidays only with OWNER’s written consent, which will not be unreasonably withheld. Workdays are also specified under Section 7.03 of Part 00800 Supplementary Conditions. Also see Section 9.3 of Part 01100 Environmental Protection and Monitoring.”

ITEM 4:

TECHNICAL PROVISIONS PART 01000, Section 20. Armor Stone Installation: *ADDED* the following section: “**20.9. Temporary Construction Trestle.** The permit for the project allows for a 20’ wide temporary trestle to be installed on either side and parallel to the alignment of the terminal groin. The temporary trestle shall be removed upon completion of the rubblemound portion of the terminal groin.” See the included attachment, Permit Drawings of the Temporary Construction Trestle.

INCLUDED ATTACHMENTS:

ADDENDUM #1 - ATTACHMENT 1 – Permit Drawings Plan Sheets 11 and 12 – Temporary Construction Trestle

END OF ADDENDUM #1

BIDDER IS ADVISED ACKNOWLEDGEMENT OF ADDENDUM #1 IS REQUIRED WHEN SUBMITTING A BID. NON-COMPLIANCE MAY RESULT IN BIDDER BEING CONSIDERED NON-RESPONSIVE.

ADDENDUM #1 - ATTACHMENT 1

NOT FOR CONSTRUCTION
FOR REGULATORY REVIEW ONLY

BEACH

CONSTRUCTION CORRIDOR

PROPOSED
STAGING
AREA

EXISTING
SAND BAGS

E. 2ND ST.

STA 0+00

STA -5+00

STA -6+00

TRESTLE STARTING
POINT TO BE
DETERMINED
BY BEACH
CONDITIONS AT TIME
OF CONSTRUCTION

TERMINAL GROIN
FOOTPRINT

20' WIDE TEMPORARY
CONSTRUCTION TRESTLE

LEGEND:

- BASELINE
- MEAN HIGH WATER AUGUST 2013 (MHW EL. +1.79' NAVD88)
- - - - MEAN LOW WATER AUGUST 2013 (MLW EL. -2.94' NAVD88) (BY OTHERS)
- TRUCK HAUL ROUTE
- ~ 2 ~ EXISTING CONTOURS
- [Pattern] ACCRETION FILLET
- [Pattern] PROPOSED STONE STAGING AREAS = 16,417 S.F.
- [Pattern] TEMPORARY CONSTRUCTION TRESTLE

NOTES:

1. COORDINATES ARE IN FEET BASED ON THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD83).
2. DATED AERIAL IMAGERY: MAY-JUNE 2012.
3. BATHYMETRIC CONTOURS DERIVED FROM MCKIM & CREED, JUNE 2013 SURVEY DATA.
4. STAGING AREAS AND TRUCK HAUL ROUTE SUBJECT TO CHANGE.
5. TRESTLE SHALL BE CONSTRUCTED ON EITHER SIDE ALONGSIDE ROCK GROIN.
6. DISTURBED AREA: (STAGING AREA CONSTRUCTION CORRIDOR) = 37,132 S.F.

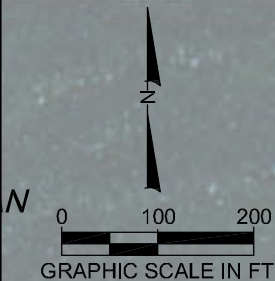
OCEAN ISLE BEACH
SHORELINE PROTECTION PROJECT
TEMPORARY CONSTRUCTION TRESTLE PLAN VIEW

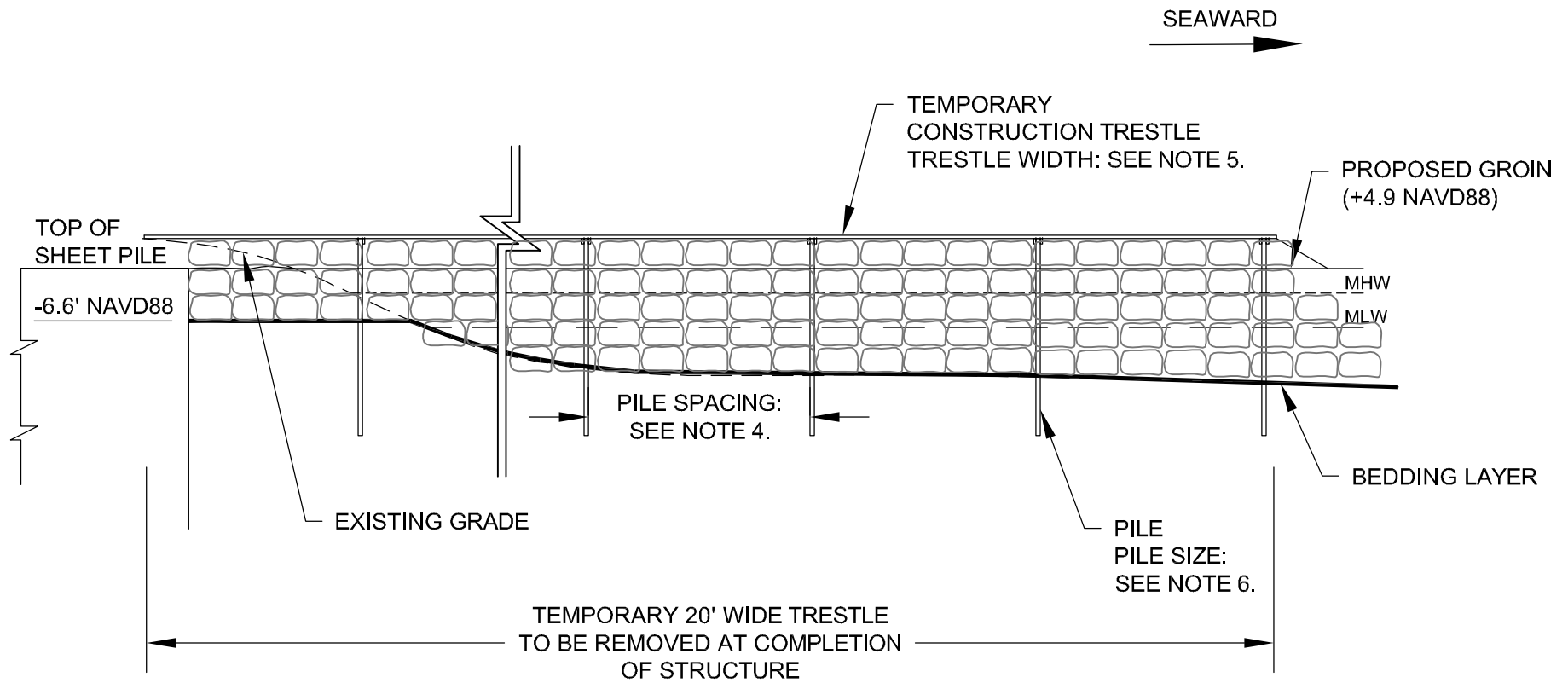
COASTAL PLANNING & ENGINEERING
OF NORTH CAROLINA, INC.

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4039 WASHINGTON COOPER RD.
WILMINGTON, NC 28409

DATE: 5/13/15
BY: HN
COMM NO.: 147426
SHEET: 11 OF 12

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TEMPORARY CONSTRUCTION TRESTLE

N.T.S.

NOTES:

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. TRESTLE SHALL BE CONSTRUCTED ON EITHER SIDE ALONGSIDE ROCK GROIN. 2. TRESTLE LENGTH TO BE DETERMINED BY BEACH CONDITIONS AT TIME OF CONSTRUCTION. 3. ALL TRESTLE MATERIAL TO BE REMOVED FROM SITE. | <ol style="list-style-type: none"> 4. PILE SPACING TO BE DETERMINED BY THE CONTRACTOR. POSSIBLE SPACING 6 FEET TO 12 FEET. 5. WIDTH OF THE TEMPORARY CONSTRUCTION TRESTLE TO BE DETERMINED BY CONTRACTOR. COULD RANGE FROM 20 FEET TO 25 FEET. 6. PILE SIZE TO BE DETERMINED BY CONTRACTOR. COULD RANGE FROM 12 INCHES TO 24 INCHES. |
|---|---|

12 OF 12	SHEET:	147426	COMM NO.:	GK	BY:	5/13/15	DATE:	COASTAL PLANNING & ENGINEERING OF NORTH CAROLINA, INC. <small>4038 MASONBORO LOOP RD. WILMINGTON, NC 28409</small>	<small>PH. (910) 791-8494 FAX (910) 791-4129</small>	TITLE: OCEAN ISLE BEACH SHORELINE PROTECTION PROJECT TEMPORARY CONSTRUCTION TRESTLE CROSS SECTION
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