



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

July 3, 2008

Addendum No. 1

RE: Contract ID: C201732

WBS# 33387.3.1

F. A. No. BRZ-1403(4)

Beaufort, Pitt County (B-4020)

Bridge over Tranter's Creek and Approaches on SR-1403 &
SR-1567 in Washington.

July 15, 2008 Letting

To Whom It May Concern:

Reference is made to the plans and proposal form recently furnished to you on this project.

The following revisions has been made to the Proposal:

On page No. 28 the provision entitled "Comprehensive Grading" has been added. Please void page No. 28 in your proposal and staple the revised Page No. 28 thereto.

The following revisions have been made to the Plans:

Sheet Nos. 3A and X-1 have been revised to indicate the use of lightweight Aggregate as backfill. Please void Sheet Nos. 3A and X-1 in your plans and staple the revised plan sheet Nos. 3A and X-1 thereto.

The Earthwork Balance sheet in the subsurface plans has been revised to reflect the above revisions. Please void the Earthwork Balance sheet in your subsurface plans and staple the revised sheet thereto.

Sincerely,

A handwritten signature in black ink, appearing to read "R. A. Garris".

R. A. Garris, PE
Contract Officer

RAG/ml/ljs
Attachments

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS & PROPOSALS
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4124
FAX: 919-250-4127
WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B - ENTRANCE B15
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

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RE: Contract ID: (C201732)

Beaufort, Pitt County (B-4020)

Cc: Mr. W. S. Varnedoe, PE
Mr. E. C. Powell, PE
Mr. C. E. Lassiter, PE
Ms. D.M. Barbour, PE
Mr. Art McMillan, PE
Mr. J. V. Barbour, PE
Mr. Mark Staley (2)
Mr. Robert Memory
Mr. R. E. Davenport, Jr., PE
Ms. Norma Smith
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Lori Strickland
Project File (2)

- In-place unit weight: (ASTM D4253, D4254): Have an in-place compacted dry unit weight between 55 and 60 lbs/ft³. Material must be compacted to a minimum 65% relative density as determined by ASTM D4253 and D4254. Use a vibratory table when determining the maximum index density and unit weight in accordance with ASTM D4253. Determine the minimum index density and unit weight in accordance with ASTM D4254.
- Angle of Internal Friction (ASTM D3080): Minimum angle of internal friction of 40 degrees. Test a saturated representative sample (with particles larger than larger than 0.75 inch removed) in a round or square shear box that is a minimum of 12 inches across.
- Resistivity (ASTM D1125): Have a resistivity greater than 3000 ohm-cm.
- pH (ASTM D1293): Have a pH greater than five but less than 10.

Before placing any backfill, furnish a Type IV certification in accordance with Article 106-3 of the Standard Specifications. Include a copy of all test results conducted in accordance with the above requirements in the certification. The Engineer determines how often NCDOT samples backfill material to assure compliance with gradation and other material properties.

METHOD OF CONSTRUCTION:

Place lightweight fill in uniform layers. Compact as need to achieve the required density. Place layers not more than 12 inches in depth loose thickness and compact. Compact with three passes of an 8 – 10 ton vibratory roller in the vibratory mode, or as directed by the Engineer. In confined areas use vibratory plate compaction equipment (5 hp to 20 hp) with a minimum of two passes in 6” lifts for a 5 hp plate and 12” lifts for a 20 hp plate. Take all necessary precautions when working adjacent to the lightweight fill to ensure that the material is not over compacted. Construction equipment, other than for placement and compaction, must not operate on the exposed lightweight fill.

METHOD OF MEASUREMENT AND PAYMENT:

Lightweight aggregate will be measured and paid for per ton of “Lightweight Aggregate” that has been acceptably placed and compacted. Such price and payment will be full compensation for furnishing, hauling, placing, and compacting the fill and all incidentals necessary to complete the work.

Pay Item: Lightweight Aggregate Ton

COMPREHENSIVE GRADING:

Undercut Excavation shall be performed in accordance with Section 226 of the Standard Specifications with the following exceptions:

For the undercut areas from Sta. 16+25 to 19+98 **only**, revise the 2006 Standard Specifications as follows:

Page 2-15, Article 226-3 delete the second and third sentence of the sixth paragraph and replace with the following:

Undercut areas from Sta. 16+25 to 19+98 shall be backfilled with Lightweight Aggregate. Payment for backfilling these undercut areas will be made at the contract unit price per ton for “Lightweight Aggregate”.