STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 8, 2009

Addendum No. 1
RE: Contract ID: C202046
WBS# 33796.3.1
F.A. # BRZ-2873(1)
Randolph County (B-4613)
Bridge Over Fork Creek and Approaches on SR-2873

January 20, 2009 Letting

To Whom It May Concern:

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

The following revisions have been made to the plans:

On Sheet No.1-A the Index of Sheets has been revised to add Sheet No.2-B. Please void Sheet No.1-A in your plans and staple the revised Sheet No. 1-A thereto. New detail Sheet No.2-B "Bridge Approach Fill Sub-Regional Tier" has been added. Please staple new detail Sheet No.2-B after Sheet No. 2-A in your plans.

The following revisions have been made to the proposal form:

New Page Nos. 27-A and 27-B are being added to include the project special provision entitled "Bridge Approach Fill-Sub Regional Tier". Please staple new Page Nos. 27-A and 27-B after Page No. 27 in your proposal.

On Page No. 4 of the item sheets , by copy of this addendum, the following pay item is hereby added: "88-0030000000-N-SP Bridge Approach Fill- Sub Regional Tier, Station 30+85.00-L-(Quantity = Lump Sum)".The Contractor's bid must include this new pay item. The contract will be prepared accordingly.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4128
FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG/

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B2
1020 BIRCH RIDGE DRIVE
RALEIGH NC

The Expedite EBS file has been updated to reflect this revision. Please download the Expedite Addendum file for this project and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely,

R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. J. G. Nance, PE
Mr. Ellis Powell, PE
Mr. Tim Johnson, PE
Ms. D. M. Barbour, PE
Mr. Art McMillan, PE
Mr. J. V. Barbour, PE
Mr. Mark Staley (2)
Mr. G. R. Perfetti, PE
Project File (2)
Mr. Robert Memory
Mr. R. E. Davenport, Jr., PE
Ms. Norma Smith
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Lori Strickland
Ms. Marsha Sample

BRIDGE APPROACH FILL – SUB REGIONAL TIER:

(9-16-08) SP4R02

Description

This work consists of all work necessary to construct bridge approach fills in accordance with these provisions and the plans, and as directed by the Engineer.

Materials

(A) Fabric

Refer to Section 1056 for Type 1 Engineering Fabric and the following:

Use a non-woven fabric consisting of strong rot-proof synthetic fibers such as polypropylene, polyethylene, or polyester formed into a stable network such that the filaments or yarns retain their relative positions to each other.

Lamination of fabric sheets to produce the physical requirements of a fabric layer will not be accepted. Furnish letters of certification from the manufacturer with each shipment of the fabric attesting that the material meets the requirements of this provision; however, the material is subject to inspection, test, or rejection by the Engineer at any time.

During all periods of shipment and storage, wrap the fabric in a heavy-duty protective covering to protect the material from ultraviolet rays. After the protective wrapping has been removed, do not leave the material uncovered under any circumstances for longer than 4 days.

(B) Stone Backfill

Provide # 78M aggregate material meeting the requirements of Section 1005 of the *Standard Specifications*.

(C) 4 inch Diameter Corrugated Drainage Pipe and Fittings

Provide pipe and fittings that meet all the applicable requirements of Section 815 or 816 of the *Standard Specifications*.

Construction Methods

Place the fabric as shown on the plans or as directed by the Engineer. Perform the excavation for the fabric fill to the limits shown on the plans. Provide an excavated surface free of obstructions, debris, pockets, stumps, and cleared of all vegetation. The fabric will be rejected if it has defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation, handling or storage. Lay the fabric smooth, and free from tension, stress, folds, wrinkles or creases.

Deposit and spread stone material in successive, uniform, approximately horizontal layers of not more than 10 inches in depth, loose measurement, for the full width of the cross section, and keep each layer approximately level. Place and compact each layer of select material fill no more than 10 inches thick with low ground pressure equipment. Use hand operated equipment to compact the fill material within three feet of the backwall and wingwalls as directed by the Engineer. Compact stone material to the satisfaction of the Engineer. No equipment will be allowed to operate on the drainage pipe or any fabric layer until it is covered with at least six inches of fill material. Compaction shall not damage the drainage pipe or fabric under the fill. Cover the fabric with a layer of fill material within four days after placement of the fabric. Fabric that is damaged as a result of installation will be replaced as directed by the Department at no additional cost.

Place the fabric on the ground, and attach and secure it tightly to the vertical face of the backwall and wingwalls with adhesives, duct-tape, nails or any other method approved by the Engineer.

Place four inch diameter perforated drainage pipe along the base of the backwall and sloped to drain as shown on the plans. Install a pipe sleeve through the bottom of or under the wing wall prior to placing concrete for the wing wall. The pipe sleeve shall be of adequate strength to withstand the wingwall load. Place the pipe sleeve in position to allow the drainage pipe to go through the wing wall with a proper slope. Connect four-inch diameter nonperforated (plain) drainage pipe with a coupling to the perforated pipe near the inside face of the wingwall. Place the nonperforated drainage pipe through the pipe sleeve, extend down to the toe of the slope and connect, to a ditch or other drainage systems as directed by the Engineer. For bridge approaches in cut sections where no side slope is available, direct the drainage pipe outlet to the end slope down to the toe using elbows as directed by the Engineer.

Measurement and Payment

Bridge Approach Fill – Sub Regional Tier, Station _____ will be paid for at the contract lump sum price. Such price and payment will be full compensation for both approach fills at each bridge installation, including but not limited to furnishing, placing and compacting stone material, furnishing and placing fabric, furnishing and placing pipe sleeve and drainage pipe, furnishing and installing concrete pads at the end of outlet pipes, excavation and all material, labor, tools and equipment necessary to complete the work.

Payment will be made under:

Pay Item	**Pay Unit**
Bridge Approach Fill – Sub Regional Tier, Station ____	Lump Sum