STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

March 14, 2012

Addendum No. 1
RE: Contract ID C202966
WBS # 17BP.7.P.3
Rockingham, Caswell Counties
Bridges #11, 15, 59 & 61 on US-29, #152 on US-129 Business,
and #63 on NC-62

March 20, 2012 Letting

To Whom It May Concern:

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

The following revisions have been made to the plans:

On Sheet No. S-27 notes have been revised or added as noted on the plans. Please void Sheet No. S-27 in your plans and staple the revised Sheet No. S-27 thereto.

On Sheet No. S-28 notes have been revised or added as noted on the plans and the bearing replacement locations table was revised. Please void Sheet No. S-28 in your plans and staple the revised Sheet No. S-28 thereto.

The following revision has been made to the Proposal:

On Page No. 35 the paragraph titled "Past Performance Submittal" has been revised. Please void Page No. 35 in your proposal and staple the revised Page No. 35 thereto.

Sincerely,

R. A. Garris, PE
Contract Officer

RAG/jag
Attachment
cc: Mr. Jon Nance, PE
Mr. Ron Hancock, PE
Mr. J. M. Mills, PE
Ms. D. M. Barbour, PE
Mr. J. V. Barbour, PE
Ms. Lori Strickland
Mr. R.E. Davenport, PE
Ms. Natalie Roskam, PE
Mr. G.R. Perfetti, PE
Mr. Ronnie Higgins
Mr. Larry Strickland
Project File (2)

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

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

Revised 3-14-12

Past Performance Submittal: At the preconstruction conference, the latex modified concrete overlay Contractor shall submit verifiable records demonstrating that he or his approved subcontractor has performed satisfactorily, or that he has had direct supervision of such satisfactory performance of a sub-contractor constructing contracts using very early strength latex modified concrete. At least five (5) bridges with similar scope of work in any state shall be the minimum number demonstrated.

Construction Methods

(A) Preparation of Surface

Completely clean all surfaces within the 48 hours prior to placing the overlay unless otherwise approved.

Thoroughly soak the clean surface for at least 2 hours immediately prior to placing the latex modified concrete. After soaking the surface for at least 2 hours, cover it with a layer of white opaque polyethylene film that is at least 4 mils (0.100 mm) thick. Immediately prior to placing the latex modified concrete, remove standing water from the surface.

(B) Placing and Finishing

Prior to placing modified material, install a bulkhead of easily compressible material at expansion joints to the required grade and profile. Placing material across expansion joints and sawing it later is not permitted.

Place and fasten screed rails in position to ensure finishing the new surface to the required profile. Do not treat screed rails with parting compound to facilitate their removal. Prior to placing the overlay, attach a filler block sized for the plan overlay thickness to the bottom of the screed and pass it over the area to be repaired to check the thickness. Remove all concrete that the block does not clear.

Separate screed rails or construction dams from the newly placed material by passing a pointing trowel along their inside face. Carefully make this trowel cut for the entire depth and length of rails or dams after the modified composition has sufficiently stiffened and cannot flow back.

Brush a latex cement mixture onto the wetted, prepared surface. Carefully give all vertical and horizontal surfaces a thorough, even coating and do not let the brushed material dry before it is covered with the additional material required for the final grade. Remove all loose aggregate from the latex cement brushed surface prior to latex concrete placement (NOTE: Not required for surfaces prepared with hydro-demolition).

Place the latex modified concrete in one operation.

Provide a minimum overlay thickness of as shown in the plans and a final surface that is approximately the same as the original deck surface.

Construction joints other than those shown on the plans will be submitted to the Engineer for approval.

When a tight, uniform surface is achieved and before the concrete becomes non-plastic, further finish the surface of the floor by burlap dragging or another acceptable method that produces an acceptable uniform surface texture.

Promptly cover the surface with a single layer of clean, wet burlap as soon as the surface will support it without deformation. Wet cure only the surface for minimum 3 hours and until a compressive strength of 3000 psi is reached. Keep the curing material saturated during the wet cure period.