



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES. PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

March 3, 2009

Addendum No. 1

RE: Contract ID: C201252
WBS# 33164.3.1
F.A. # BRSTP-41(25)
Bladen / Sampson Counties (B-3613)
Bridge Over South River and
Approaches on NC 41

March 17, 2009 Letting

To Whom It May Concern:

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

The following revisions have been made to the proposal form:

On page no. 64, the Table of Contents for the Project Special Provisions - Structures has been revised. Please void page no. 64 in your proposal and staple the revised page no. 64 thereto.

On page no. 65, the first sentence of the second paragraph of the Project Special Provisions - Structures has been revised. Please void page no. 65 in your proposal and staple the revised page no. 65 thereto.

Sincerely,

R. A. Garris, PE
Contract Officer

RAG/fca
Attachments

cc: Mr. J.G Nance, PE
Mr. E. C. Powell, PE
Mr. J.B. Setzer, PE
Ms. D. M. Barbour, PE
Mr. Art McMillan, PE
Mr. J.V. Barbour, PE
Mr. Mark Staley (2)
Ms. Penny Higgins
Ms. Norma Smith
Project File (2)

Mr. Robert Memory
Mr. R. E. Davenport, Jr., PE
Mr. Greg Perfetti, PE
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Marsha Sample
Mr. Njoroge Wainaina, PE
Ms. Jaci Kincaid
Ms. Lori Strickland

Project B-3613

Bladen/Sampson Co.

**Project Special Provisions
Structure**

Table of Contents

	Page #
Construction, Maintenance, and Removal of Temporary Structure at Station 21+59.97 -L- (SPECIAL)	1
Falsework and Formwork (7-18-06)	3
Submittal of Working Drawings (9-16-08)	9
Crane Safety (8-15-05)	16
Pile Driving Analyzer (11-17-06)	16
Grout for Structures (7-12-07)	21
Prestressed Concrete Members (4-02-07)	24
Adhesively Anchored Anchor Bolts or Dowels (6-11-07)	24
Pile restrikes for LRFD (SPECIAL)	26



PROJECT SPECIAL PROVISIONS
STRUCTURE

PROJECT B-3613

BLADEN & SAMPSON COUNTIES

CONSTRUCTION, MAINTENANCE AND REMOVAL (SPECIAL)
OF TEMPORARY STRUCTURE AT STATION 21+59.97-L-

Construct, maintain and afterwards remove a temporary structure in accordance with the applicable parts of the Standard Specifications and this Special Provision, (structure only; the approaches are not a part of this pay item). Provide a temporary structure with a minimum overall length of 200 feet. Center the length of the structure about Station 21+60.00 Detour with the alignment, grade, and skew as indicated on the Roadway plans. If the skew is not 90°, lengthening the structure to accommodate a 90° skew is permitted. Provide a temporary structure with a minimum clear roadway width of 24 feet and an underclearance elevation no less than elevation 43.8.

Design the temporary structure for HS20 (MS18) live load in accordance with the current edition of the AASHTO Standard Specifications for Highway Bridges. The design of temporary structures need not satisfy the seismic design criteria of AASHTO Division I-A "Seismic Design", Section 3. As a minimum, design the bridge rails for the AASHTO LRFD Test Level 2 (TL-2) crash test criteria, except when the plans state that a Test Level 3 (TL-3) bridge rail is required. The design criteria are defined in the current edition of the AASHTO LRFD Bridge Design Specifications. In addition, design structural elements to which the bridge rail is attached, or elements which may receive loads transmitted through the rail, to distribute and/or withstand these loads.

Attach the bridge rails in a way that permits the bridge approach railing system to transition from the guardrail system and attach to the rigid railing system on the temporary bridge.

Provide a timber floor of laminated construction on the temporary structure. Place a sufficiently thick bottom layer of lumber normal to the centerline of roadway and a top layer of 2" x 8" (50 mm x 200mm) lumber on a 45° skew with the centerline of roadway. Lumber wider than 8" (200mm) is permitted if approved. For the bottom layer, use lumber that is dressed on all four sides to ensure a uniform width and thickness. For the top layer, use lumber dressed only on one side to ensure a uniform thickness. Place the lumber so that the crown of the lumber is the rough side and is "facing up" in order to receive a tack coat. Apply sand seal to the timber floor after the top layer of lumber is completed. When preservative treatment is specified, follow AWWA Standards for the applicable use.