



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

April 19, 2002

ADDENDUM NO. 1

Re: State Project: 8.1391303 (I-3807)  
F. A. Project: IMS-STPNHS-85-4(93)212  
Vance County  
SR 1128 (Ruin Creek Road) From SR 1218 (Graham Avenue)  
Over I-85 to SR 1304 (Dabney Drive)

**June 5, 2002 Proposal Submission**

Gentlemen:

Referenced is made to the Design Build Request For Proposal (RFP) recently furnished to you on the above referenced project.

On page 46, the bulleted item under **RIGHT OF WAY SCOPE OF WORK** has been revised. Please void page No. 46 in your proposal form and staple the revised page No. 46. thereto.

On page 53, the **STRUCTURE DESIGN SCOPE OF WORK** has been revised. Please void page No. 53 in your proposal form and staple the revised page No. 53 thereto.

On page no. 1 of the item sheet the description for line item "1-0000900000-N-SP Generic Miscellaneous Item Design, Construction & Inspection" has been revised. Please draw a single line thru the words "& Inspection" and initial same in ink. (Sample attached).

Sincerely,

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

R. A. Garris, PE  
Contract Officer

RAG/JAG/jww

Attachments

cc: Mr. J. D. Goins, PE  
Mr. S. D. DeWitt, PE (3)  
Mr. J. G. Nance, PE (2)  
Ms. D. M. Barbour, PE  
Mr. J. V. Barbour, PE  
Mr. R. E. Davenport, Jr., PE  
Ms. Kim Canady  
Ms. Yang-Ju Lin  
Technical Review Committee Members  
Mr. Jimmy Goodnight, PE

- The horizontal alignment on Ruin Creek Road (-L-) has been designed and should be checked. The final vertical alignment has not been done. Preliminary typical sections and basic -L- cross-section criteria have been developed. These sections will need to be checked and refined as needed during the design process.
- NCDOT will provide the mainline, ramp, and all -Y- line pavement designs. The Design Build Team will provide pavement designs required for any temporary roadways and will submit these designs to NCDOT for review.
- Recognize the need for any special roadway design details and request special design drawings from the Design Services Unit.
- Hard copies and electronic plans will be submitted to NCDOT for reviews when requested.
- The Design Build Team will provide NCDOT a complete set of roadway quantity computations and as built plans.

#### **RIGHT OF WAY SCOPE OF WORK:**

#### **SCOPE OF SERVICES AND RESPONSIBILITIES**

The DESIGN-BUILDER, will employ qualified, competent personnel who are currently approved by the NCDOT Right of Way Branch, herein after referred to as The DEPARTMENT, to provide all services necessary to perform all appraisal, appraisal review, negotiation and relocation services required for completion of the project in accordance with G.S. 136-28.1 of the General Statutes of North Carolina, as amended, and in accordance with the requirements set forth in the Uniform Appraisal Standards and General Legal Principles for Highway Right of Way, the North Carolina Department of Transportation's Right of Way Manual, the North Carolina Department of Transportation's Rules and Regulations for the Use of Right of Way Consultants, the Code of Federal Regulations, and Chapter 133 of the General Statutes of North Carolina from Section 133-5 through 133-18, hereby incorporated by reference, including the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended. The DESIGN-BUILDER agrees to perform the services as set forth herein and furnish and deliver to The DEPARTMENT reports accompanied by all documents necessary for the settlement of claims and the recordation of deeds, or necessary for condemnation proceedings covering said properties. The DESIGN-BUILDER, acting as an agent on behalf of the State of North Carolina shall provide right of way acquisition services for the project on SR 1128 (Ruin Creek Road) from SR 1218 to US 158 Bypass in Vance County identified as State Project 8.1391303. The DESIGN-BUILDER shall carry out the responsibilities as follows:

- ◆ With respect to the payments, costs and fees associated with the acquisition of right of way in this contract, The DEPARTMENT shall be responsible for only direct payments to property owners for negotiated settlements, recording fees, any relocation benefits, and deposits and fees involved in the filing of condemnation on any claims. The DEPARTMENT will assume responsibility for all costs associated with the litigation of condemned claims, including testimony by the appraiser(s). The DESIGN-BUILDER shall be responsible for all other acquisition related payments, costs and fees.

**Bridge 29 SR 1128 (Ruin Creek Road) over I-85**

- Make modifications as required to the existing superstructure, including the existing beams and girders, to ensure all superstructure components in the final condition are adequate to satisfy HS20 loading. The original structure was designed for HS15 loading. It is not necessary to consider the effect of the HS20 loading on the existing substructure.
- Widen bridge to required width in accordance with the Roadway Typical Section including a sidewalk on the west side of the structure. In order to obtain a normal crown superelevation section on the widened bridge, concrete wedging will be required from the centerline of the existing bridge to the centerline of the proposed bridge.
- Respace and add posts to the one bar metal rail on the east side of the existing bridge to upgrade rail to current specifications. Provide new guardrail attachments as required.
- Remove existing approach slabs if applicable and provide reinforced concrete approach slabs according to current specifications.
- Perform Class I, and IB surface preparation on the existing bridge deck. The widened portion of the bridge deck shall also be scarified using Class I surface preparation. The existing bridge deck, the widened bridge deck and approach slabs shall be overlaid with a minimum 32mm of latex modified concrete. The approach roadway asphalt shall be placed to provide a smooth transition to the bridge taking into account the increase in grade due to the latex modified concrete overlay.
- Refer to Article 107-1 of the Standard Specifications as the paint system on the existing steel beams and girders is aluminum over red lead paint.
- Clean and paint existing bearing plates and regROUT any loose anchor bolts.
- Remove and replace existing bridge joints to match joints on the widened structure.
- Spot cleaning and overcoating of the existing beams and girders is required. New steel girders and existing steel beams and girders to be painted in accordance with System 5 in Section 442 of the Standard Specifications.
- Use tapered plate girders or plate girders as applicable in the widened structure.
- Widen the end bent with a curtain wall detail to match the existing or remove the existing curtain wall and use a backwall detail across the entire width of the structure.
- Determine the need for deck drains and add to existing bridge and include in the widened bridge as applicable, ensuring drains are not located over unprotected fill slopes, traffic lanes or shoulders.
- Widened substructure shall utilize square columns tapered into the underside of the cap to match the existing interior bents.

**PAVEMENT MANAGEMENT SCOPE OF WORK:**

Widen the existing mainline pavement and tie in to existing pavement using one or both of the following pavement designs:

- |               |    |               |
|---------------|----|---------------|
| 70 mm S9.5C   | or | 70 mm S9.5C   |
| 110 mm I19.0C |    | 110 mm I19.0C |
| 75 mm B25.0C  |    | 180 mm B25.0C |
| 200 mm ABC.   |    |               |

Proposal Quantities Estimate Report (Without break down)

C200423

ROUTE SR 1128

8.1391301

IMS-85-4(93)212

VANCE

DESIGN BUILD AS SPECIFIED IN SCOPE OF WORK.

SR-1128 (RUIN CREEK RD) FROM SR-1218 (GRAHAM AVE) TO SR-1304 (DABNEY DR).

Line #	ItemNumber	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000900000-N	SP	GENERIC MISCELLANEOUS ITEM DESIGN, CONSTRUCTION & INSPECTION <i>JWW</i>		Lump Sum	

0921 /Jan10/Q1.0/D900000/E1

Total length of projects : 2.2530 K.M