



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

July 11, 2017

**Addendum No. 1**

Contract No.: C204047  
TIP Nos.: B-4537, B-5668 and B-5669  
County: Halifax and Nash  
Project Description: Three (3) Express Design-Build Bridge Replacements in Division 4

RE: Addendum No. 1 to Final RFP

**July 18, 2017 Letting**

To Whom It May Concern:

Reference is made to the Final Request for Proposals dated June 29, 2017. We have since incorporated changes, and Addendum No. 1 to the Final RFP has been posted to the web address as follows:

[https://connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let\\_id=Express-DB-Yr7-Div04](https://connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let_id=Express-DB-Yr7-Div04)

Please note that all revisions have been highlighted in gray and are as follows:

The *Cover Sheet* has been revised. Please void the *Cover Sheet* and replace it with the revised *Cover Sheet*.

Page No. 46 of the *Roadway Scope of Work* has been revised. Please void Page No. 46 in your proposal and replace it with the revised Page No. 46.

Page No. 61 of the *Traffic Engineering Scope of Work* has been revised. Please void Page No. 61 in your proposal and replace it with the revised Page No. 61.

If you have any questions or need additional information, I can be reached by telephone at (919) 707-6900.

Sincerely,

DocuSigned by:

*R. E. Davenport, Jr.*

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R. E. Davenport, Jr., PE  
State Contract Officer

Express Design-Build Bridge Replacements in Division 4  
Distribution of Addendum No. 1 to Final RFP  
Page 2

RED:jjl

cc: Mr. Tim Little, PE  
Mr. Mike Holder, PE  
File

Ms. Virginia Mabry  
Ms. Teresa Bruton, PE  
Mr. Corey McLamb, PE

-- STATE OF NORTH CAROLINA--  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.

**FINAL REQUEST FOR PROPOSALS**



**DESIGN-BUILD PROJECT**

**Projects B-4537, B-5668 & B-5669**

**June 29, 2017**

**Includes Addendum No. 1 Dated July 11, 2017**



*VOID FOR BIDDING*

DATE AND TIME OF PRICE PROPOSAL OPENING: **July 18, 2017 AT 2:00 PM**

CONTRACT ID: C204047

WBS ELEMENT NO.: 33753.3.1, 45624.3.1 & 45623.3.1

COUNTIES: Halifax and Nash Counties

ROUTE NO. Various

MILES: 0.230 miles

LOCATION: Replacement of One Bridge in Halifax County and Two Bridges in Nash County

TYPE OF WORK: DESIGN-BUILD AS SPECIFIED IN THE SCOPE OF WORK  
CONTAINED IN THE REQUEST FOR PROPOSALS

NOTICE:

ALL PROPOSERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE PROPOSER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. PROPOSERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOT WITHSTANDING THESE LIMITATIONS ON BIDDING, THE PROPOSER WHO IS AWARDED ANY PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING, REGARDLESS OF FUNDING SOURCES.

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5% BID BOND OR BID DEPOSIT REQUIRED  
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- Bridge approach slabs are required at all bridge ends. The minimum bridge approach slab length shall be 12 feet for all sites.
- The Design-Build Team shall cooperate with the Resident on bus turnarounds and provide bus turnarounds with ABC as necessary for bridges not constructed during the summer.

### **General**

- Unless otherwise noted herein, the design shall be in accordance with the NCDOT *Sub Regional Tier Design Guidelines for Bridge Projects* dated February 2008, the 2011 AASHTO *A Policy on Geometric Design of Highways and Streets, Roadway Design Policy and Procedure Manual, Roadway Design Guidelines for Design-Build Projects*, 2012 NCDOT *Standard Specifications for Roads and Structures*, the 2011 AASTHTO *Roadside Design Guide*, 4<sup>th</sup> Edition and 2012 Errata, and the 2006 *Chapter 6 Update* and January 2012 NCDOT *Roadway Standard Drawings*.
- Once all changes have been incorporated into the “Released for Construction” roadway plan set for each site, the Design-Build Team shall provide a PDF of the sealed plans to the Design-Build Unit.

### **NCDOT Information Supplied**

- An electronic copy of NCDOT’s *Sub Regional Tier Design Guidelines for Bridge Projects* dated February 2008 may be located at the following website:

<https://connect.ncdot.gov/projects/Roadway/RoadwayDesignAdministrativeDocuments/Sub%20Regional%20Tier%20Guidelines.pdf>

- The NCDOT will provide electronic surveys and wetland delineation files to the Design-Build Team for each bridge site. Any additional supplemental surveys, including but not limited to additional topography, existing and proposed roadway, structure sites, underground and overhead utilities, existing and proposed drainage, wetland delineation, right of way, parcel names, and deed research and descriptions shall be the responsibility of the Design-Build Team to acquire and process. The Design-Build Team shall modify / incorporate boundary information used for the determination and valuation of property solely under the direct supervision of a Professional Land Surveyor registered in North Carolina. Known existing utilities have been located and will be included with the survey data.
- The Design-Build Team shall be responsible for confirming the location of the utilities and the type/size of facilities. All SUE work shall be the responsibility of the Design-Build Team.
- The NCDOT will provide final pavement designs for each bridge site.
- The NCDOT will provide field scoping meeting worksheets for each bridge site.

**TRAFFIC ENGINEERING SCOPE OF WORK**

**I. TRAFFIC MANAGEMENT PLANS**

**A. DESIGN PARAMETERS FOR ROAD CLOSURES**

1. All bridges will be constructed under road closure with utilization of off-site detours as noted below. Local access to all residences and businesses will be maintained between the closure points at all times during construction

County	Structure No.	Route	Detour Route
Halifax	410127	SR 1002	SR 1222 - NC 481 - SR 1216
Nash	630103	SR 1105	SR 1110 - US 264 ALT - SR 1100
Nash	630143	SR 1302	NC 58 - US 64 -US 64 ALT - SR 1301

2. Improvements to the above stated detour route will not be required. In the event the Design-Build Team proposes any deviations/improvements to the above stated detour route, it shall be the sole responsibility of the Design-Build Team to obtain approval from the NCDOT Division Engineer and perform all required environmental studies and obtain environmental permits for any proposed changes.
3. Design and prepare the Temporary Traffic Control Plan for each bridge site location project. Development of the Traffic Control Plan should proceed as follows:
  - a) Submit a Traffic Control Plan to the Resident Engineer and the Design-Build Unit for review and acceptance. Construction may begin once the Traffic Control Plan has been sealed by the Design-Build Team and accepted by the Department.
  - b) The Traffic Control Plan shall include a detour detail, which includes detour signing (detour advance warning & trailblazing with road names), sign designs, and locations of traffic control devices; construction phasing/sequence, and project notes. Street names are required on detour signing. NCDOT’s *January 2012 Roadway Standard Drawings* Section 1100 is for traffic control and will need to be incorporated into the plans for most work activities. The detour detail will incorporate NCDOT’s *January 2012 Roadway Standard Drawing 1101.03*. Ensure the development of the Traffic Control Plan is in compliance with the North Carolina Department of Transportation *Roadway Standard Drawings*, NCDOT *January 2012 Standard Specifications for Roads and Structures*, the latest edition of the *Manual on Uniform Traffic Control Devices (M.U.T.C.D.)* and the *NCDOT Standard Specifications for Roads and Structures* (January 2012).