



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

June 09, 2021

Addendum No. 1

RE: Contract # C204350

WBS # 47617.3.1, 49074.3.2, 49075.3.2

NHP-1522(005), STATE FUNDED

Nash County (B-5980, BR-0036, BR-0039)

I-95 AT SR-1544 (HALIFAX RD), BRIDGE #41 OVER I-95 ON NC-33,
AND BRIDGE #224 OVER I-95 ON SR-1510

June 15, 2021 Letting

To Whom It May Concern:

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

The following revisions have been made to the Traffic Management Plans.

Sheet No.	Revision
TMP-2	Note at the beginning of the sheet revised to reflect correct date

Please void the above listed Sheet in your plans and staple the revised Sheet thereto.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 06-09-2021"
R-20	Project Special Provision added entitled CONCRETE ROUNDABOUT

Please void the above listed Pages in your proposal and staple the revised Pages thereto.

The contract will be prepared accordingly.



Sincerely,

DocuSigned by:
Ronald E. Davenport, Jr.
F81B6038A47A442...

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

RED/jjr
Attachments

cc: Mr. Lamar Sylvester, PE
Mr. Kevin Bowen, PE
Mr. Boyd Tharrington, PE
Mr. Jon Weathersbee, PE
Mr. Ken Kennedy, PE
Project File (2)

Mr. Ray Arnold, PE
Ms. Jaci Kincaid
Ms. Lori Strickland
Mr. Mike Gwyn
Ms. Penny Higgins
Mr. Kyle Kempf

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 06-09-2021

DATE AND TIME OF BID OPENING: **JUNE 15, 2021 AT 2:00 PM**

CONTRACT ID C204350
WBS 47617.3.1, 49074.3.2, 49075.3.2

FEDERAL-AID NO. NHP-1522(005), STATE FUNDED
COUNTY NASH
T.I.P. NO. B-5980, BR-0036, BR-0039
MILES 1.282
ROUTE NO. I 95
LOCATION I-95 AT SR-1544 (HALIFAX RD), BRIDGE #41 OVER I-95 ON NC-33,
AND BRIDGE #224 OVER I-95 ON SR-1510.
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.

NOTICE:

ALL BIDDERS 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 BIDDER 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. BIDDERS 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. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

1'-6" Concrete Curb & Gutter (11" Depth) will be measured and paid in linear feet, accepted in place. Measurement will be made along the surface of the top of the curb.

Work includes providing all materials, placing all concrete, excavating and backfilling, forming, finishing, constructing and sealing joints and all incidentals necessary to complete the work.

Payment will be made under:

Pay Item	Pay Unit
1'-6" Concrete Curb & Gutter (11" Depth)	Linear Foot

CONCRETE ROUNDABOUT:

The Contractor shall detail pavement joints for the concrete roundabout and concrete approaches to the roundabout following guidelines provided in American Concrete Pavement Association (ACPA) EB237P, "Concrete Pavement Field reference: Pre-Paving". The joints layout shall be submitted to the Engineer for review and approval a minimum of 30 calendar days prior to placing concrete pavement. All work shall conform to the *Standard Specifications*.

No separate payment will be made for meeting the requirements of this special provision as this will be considered incidental to 11" *Portland Cement Concrete Pavement, Through Lanes (with dowels)*.

11" CONCRETE TRUCK APRON

Description

Construct 11" Concrete Truck Apron in accordance with the plans and as directed by the Engineer.

Materials

Concrete shall be Class AA Concrete meeting the requirements of Section 1000 of the *2018 Standard Specifications*.

Wire mesh reinforcement shall be 6x6-W4xW4 welded wire fabric meeting the requirements of Section 1070 of the *2018 Standard Specifications*. The wire mesh reinforcement shall be centered in the 11" slab

Construction Methods

Joint spacing for the aprons shall be constructed as directed by the Engineer.

Measurement and Payment

11" Concrete Truck Apron will be measured and paid for in square yards of 11" Concrete Truck Apron that has been completed and accepted. Such price and payment will be full compensation for all work of constructing the jointed concrete truck apron, including but not limited to excavating and backfilling, furnishing and placing concrete, constructing joints, and sealing the concrete.

Pay Item	Pay Unit
11" Concrete Truck Apron	Square Yard

SUPPLEMENTAL SURVEYING:

(4-20-21)

801

SP8 R03

Revise the *2018 Standard Specifications* as follows:

Page 8-7, Article 801-3 MEASUREMENT AND PAYMENT, lines 10-11, replace with the

PHASING

PROJ. REFERENCE NO.	SHEET NO.
BR-0036	TMP-2

NOTE:
BEGIN BR-0036 WORK AFTER LABOR DAY 2021. BRIDGE 630041 SHALL BE REPLACED AND OPEN TO TRAFFIC PRIOR TO RAMP D CONSTRUCTION ON TIP PROJECT B-5980 AS THE BRIDGE WILL BE USED AS AN OFF-SITE DETOUR FOR B-5980 DURING RAMP D CLOSURE.

PHASE I

- STEP 1) PRIOR TO ANY CONSTRUCTION ACTIVITY, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADS INVOLVED (I-95 & NC-33) USING ROADWAY STANDARD DRAWINGS (RSD) 1101.01.
- STEP 2) INSTALL AND COVER SIGNS FOR ALL OFF-SITE DETOURS. SEE SHEETS TMP-3 AND TMP-3A.
- STEP 3) USING RSD 1101.02 (SHEET 4 OF 14), RSD 1101.04, AND SHEET TMP-4, DIRECT I-95 TRAFFIC TO THE INSIDE LANE (ONE LANE IN EACH DIRECTION OF I-95), AND INSTALL TEMPORARY CONCRETE BARRIER TO CLOSE THE OUTSIDE SHOULDER (IN BOTH DIRECTIONS).
- STEP 4) PLACE CMS DEVICES FIFTEEN (15) DAYS PRIOR TO NC-33 ROAD CLOSURE.

INTERMEDIATE CONTRACT TIME

COMPLETE THE WORK REQUIRED OF PHASE I, STEP 5 THRU PHASE IV, STEP 1 IN 240 CONSECUTIVE DAYS. SEE INTERMEIDATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 5) UNCOVER SIGNS PLACED IN STEP 2, PLACE BARRICADES TYPE III, CLOSE THE EXISTING BRIDGE NO. 630041, AND DETOUR NC-33 TRAFFIC OFF-SITE USING RSD 1101.03 (SHEETS 1 & 2 OF 9), AND SHEETS TMP-3 AND TMP-3A.
- STEP 6) USING RSD 1101.03 (SHEET 7 OF 9) DIRECT I-95 NORTHBOUND TRAFFIC ONTO RAMPS -RPC- AND -RPD- DURING ALLOWABLE CLOSURE HOURS AND RSD 1101.01 (SHEET 3 OF 14) TO CLOSE THE INSIDE LANE OF I-95 (SOUTHBOUND).

EXISTING BRIDGE NO. 630041 DECK & GIRDER REMOVAL OVER NORTHBOUND I-95

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, REMOVE DECK AND GIRDERS OVER NORTHBOUND I-95 AND OPEN NORTHBOUND LANES OF I-95 TO TRAFFIC AT THE END OF EACH NIGHT.

- STEP 7) USING RSD 1101.03 (SHEET 7 OF 9) DIRECT I-95 SOUTHBOUND TRAFFIC ONTO RAMPS -RPA- AND -RPB- DURING ALLOWABLE CLOSURE HOURS.

EXISTING BRIDGE NO. 630041 DECK & GIRDER REMOVAL OVER SOUTHBOUND I-95

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, REMOVE DECK AND GIRDERS OVER SOUTHBOUND I-95 AND OPEN SOUTHBOUND LANES OF I-95 TO TRAFFIC AT THE END OF EACH NIGHT.

- STEP 8) WORKING AWAY FROM TRAFFIC, AND BEHIND TEMPORARY CONCRETE BARRIER, PLACED IN PHASE I, STEP 3, REMOVE EXISTING SUBSTRUCTURES AS SHOWN ON SHEET TMP-4 AND STRUCTURAL PLANS.

INTERMEDIATE CONTRACT TIME

COMPLETE THE WORK REQUIRED OF PHASE I, STEP 9 IN 14 CONSECUTIVE DAYS. SEE INTERMEIDATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 9) UNCOVER DETOUR SIGNS FOR I-95 SOUTHBOUND TRAFFIC AND WORKING ON CONSECUTIVE DAYS, USING RSD 1101.03 (SHEETS 1 & 2 OF 9), AND SHEETS TMP-3 THRU TMP-4, CONSTRUCT RAMPS -RPA- (SB I-95 OFF-RAMP) AND -RPB- (SB I-95 ON-RAMP), AND -L- FROM STA. 12+70 +/- TO STA. 17+94 +/- (BEGIN BRIDGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- STEP 10) USING RSD 1101.02 (SHEET 4 OF 14), RSD 1101.04, AND SHEET TMP-4, DIRECT I-95 TRAFFIC TO THE INSIDE LANE (ONE LANE IN EACH DIRECTION OF I-95), AND REMOVE TEMPORARY CONCRETE BARRIER PLACED IN PHASE I, STEP 3.
- STEP 11) WORKING AWAY FROM TRAFFIC, REPLACE DAMAGED EXISTING PAVEMENT MARKINGS, AS NECESSARY, AND PLACE TEMPORARY PAVEMENT MARKINGS PER RSD 1205.01, 1205.02, 1205.03, 1205.04, 1205.08, AND SHEET TMP-5 (PHASE II).
- STEP 12) REMOVE I-95 SOUTHBOUND TRAFFIC DETOUR SIGNS, AND OPEN RAMPS -RPA- (SB I-95 OFF-RAMP) AND -RPB- (SB I-95 ON-RAMP) TO TRAFFIC.

PHASE II

- STEP 1) USING RSD 1101.02 (SHEET 4 OF 14), RSD 1101.04, AND SHEET TMP-5, DIRECT I-95 TRAFFIC TO THE OUTSIDE LANE (ONE LANE IN EACH DIRECTION OF I-95), AND INSTALL TEMPORARY CONCRETE BARRIER TO CLOSE THE INSIDE SHOULDER (ON BOTH DIRECTIONS).
- STEP 2) WORKING AWAY FROM TRAFFIC, AND BEHIND TEMPORARY CONCRETE BARRIER, PLACED IN PHASE II, STEP 1, REMOVE EXISTING MEDIAN SUBSTRUCTURE, CONSTRUCT MEDIAN PROPOSED SUBSTRUCTURE AND INSTALL PROPOSED GUARDRAIL AS SHOWN ON TMP-5, ROADWAY AND STRUCTURAL PLANS.

INTERMEDIATE CONTRACT TIME

COMPLETE THE WORK REQUIRED OF PHASE II, STEP 3 IN 21 CONSECUTIVE DAYS. SEE INTERMEIDATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 3) UNCOVER DETOUR SIGNS FOR I-95 NORTHBOUND TRAFFIC AND WORKING ON CONSECUTIVE DAYS, USING RSD 1101.03 (SHEETS 1 & 2 OF 9), AND SHEETS TMP-3, TMP-3A, AND TMP-5 CONSTRUCT RAMPS -RPC- (NB I-95 OFF-RAMP) AND -RPD- (NB I-95 ON-RAMP), AND -L- FROM STA. 20+20 +/- (END BRIDGE) TO STA 24+90 +/- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- STEP 4) USING RSD 1101.02 (SHEET 4 OF 14), RSD 1101.04, AND SHEET TMP-5, DIRECT I-95 TRAFFIC TO THE OUTSIDE LANE (ONE LANE IN EACH DIRECTION OF I-95), AND REMOVE TEMPORARY CONCRETE BARRIER PLACED IN PHASE II, STEP 1.
- STEP 5) WORKING AWAY FROM TRAFFIC, REPLACE DAMAGED EXISTING PAVEMENT MARKINGS, AS NECESSARY, AND PLACE TEMPORARY PAVEMENT MARKINGS PER RSD 1205.01, 1205.02, 1205.03, 1205.04, 1205.08, AND SHEET TMP-6 (PHASE III).
- STEP 6) REMOVE I-95 NORTHBOUND TRAFFIC DETOUR SIGNS, AND OPEN RAMPS -RPC- (NB I-95 OFF-RAMP) AND -RPD- (NB I-95 ON-RAMP) TO TRAFFIC.

PHASE III

- STEP 1) USING RSD 1101.03 (SHEET 7 OF 9) DIRECT I-95 NORTHBOUND TRAFFIC ONTO RAMPS -RPC- AND -RPD- DURING ALLOWABLE CLOSURE HOURS AND RSD 1101.01 (SHEET 3 OF 14) TO CLOSE THE INSIDE LANE OF I-95 (SOUTHBOUND).

PROPOSED BRIDGE NO. 630041 DECK & GIRDER INSTALLATION OVER NORTHBOUND I-95

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, INSTALL DECK AND GIRDERS OVER NORTHBOUND I-95 AND OPEN NORTHBOUND LANES OF I-95 TO TRAFFIC AT THE END OF EACH NIGHT.

- STEP 2) USING RSD 1101.03 (SHEET 7 OF 9) DIRECT I-95 SOUTHBOUND TRAFFIC ONTO RAMPS -RPA- AND -RPB- DURING ALLOWABLE CLOSURE HOURS.

PROPOSED BRIDGE NO. 630041 DECK & GIRDER INSTALLATION OVER SOUTHBOUND I-95

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, INSTALL DECK AND GIRDERS OVER SOUTHBOUND I-95 AND OPEN SOUTHBOUND LANES OF I-95 TO TRAFFIC AT THE END OF EACH NIGHT.

INTERMEDIATE CONTRACT TIME

COMPLETE THE WORK REQUIRED OF PHASE III, STEP 3 IN 24 CONSECUTIVE HOURS. SEE INTERMEIDATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 3) USING RSD 1101.03 (SHEET 7 OF 9), DIRECT I-95 TRAFFIC (NORTHBOUND) ONTO RAMPS, AND PLACE OUTSIDE SHOULDER ON -Y- (I-95) AS SHOWN ON ROADWAY PLANS.

INTERMEDIATE CONTRACT TIME

COMPLETE THE WORK REQUIRED OF PHASE III, STEP 4 IN 24 CONSECUTIVE HOURS. SEE INTERMEIDATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 4) USING RSD 1101.03 (SHEET 7 OF 9), DIRECT I-95 TRAFFIC (SOUTHBOUND) ONTO RAMPS, AND PLACE OUTSIDE SHOULDER ON -Y- (I-95) AS SHOWN ON ROADWAY PLANS.

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<p>APPROVED: </p> <p>DATE: 6/8/2021</p> <p style="text-align: center;">SEAL</p>			<p>TEMPORARY TRAFFIC CONTROL PHASING</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			