



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

June 2, 2015

**Addendum No. 1**

RE: Contract ID C203645  
WBS # 34429.3.S9  
State Funded  
Rockingham County (R-2413CA)  
US-220/Future I-73 At NC-68- Convert At-Grade  
Intersection To Interchange

**June 16, 2015 Letting**

To Whom It May Concern:

**The Contractor is hereby notified that the “Earthwork Balance Sheet” in the digital files posted on the web for this project has been revised. Please visit the website if you are interested in this revised “Earthwork Balance Sheet”.**

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

The following revision has been made to the Roadway plans:

Sheet No.	Revisions
3B-1	Revised the Summary of Earthwork

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

**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.gov](http://www.ncdot.gov)

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

The following revision has been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 06-02-15"

Please void the Proposal Cover and staple the attached revised proposal cover thereto. The contract will be prepared accordingly.

Sincerely,



R. A. Garris, PE  
Contract Officer

RAG/jag  
Attachments

cc: Mr. Ron Hancock, PE  
Mr. Mike Mills, PE  
Ms. D. M. Barbour, PE  
Mr. Rodger Rochelle, PE  
Mr. R.E. Davenport, PE  
Mr. Glenn Mumford, PE  
Ms. Lori Strickland  
Project File (2)

Mr. Ray Arnold, PE  
Ms. Terry Canales, PE  
Mr. Ronnie Higgins  
Mr. Mike Gwyn  
Ms. Marsha Sample  
Ms. Jaci Kincaid  
Ms. Penny Higgins

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 06-02-15

DATE AND TIME OF BID OPENING: **JUNE 16, 2015 AT 2:00 PM**

CONTRACT ID C203645  
WBS 34429.3.S9

FEDERAL-AID NO. STATE FUNDED  
COUNTY ROCKINGHAM  
T.I.P. NO. R-2413CA  
MILES 1.344  
ROUTE NO. I 73  
LOCATION US-220/FUTURE I-73 AT NC-68 - CONVERT AT-GRADE INTERSECTION  
TO INTERCHANGE.  
TYPE OF WORK GRADING, DRAINAGE, PAVING, & STRUCTURE.

**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**

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COMPUTED BY: HWB DATE: May-15  
 CHECKED BY: ADS DATE: May-15

**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS**



PROJECT NO.	SHEET NO.
R-2413CA	3B-1

**SUMMARY OF EARTHWORK**

IN CUBIC METERS

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	TOTAL WASTE
<b>SUMMARY #1 PHASE 1</b>					
-L REV- 84+00 TO -L REV- 86+18.605 (STEP 1)	10,013		3,522		6,491
-LREV SB- 86+18.605 TO -LREV SB- 87+00.000 (STEP 1)	11,126				11,126
-LREV SB- 91+80.000 TO -LREV SB- 96+60.000 (STEP 1)			171,731	171,731	
-NC68 SB- 13+60 TO -NC68 SB- 14+09.215 (STEP 1)			23,210	23,210	
-NC68SB DET- 13+61.670 TO -NC68SB DET-15+18.666 (STEP 2)	76		19		57
-NC68SB DET- 15+18.666 TO -NC68SB DET-17+07.249 (STEP 2)	40		113	73	
-LREV NB- 87+65.000 TO -LREV NB- 92+94.000 (STEP 2)	412		162		250
-LREV NB- 93+26.000 TO -LREV NB- 97+14.000 (STEP 2)	208		180		28
-LREVEND DET- 10+00.000 TO -LREVEND DET- 13+60.189 (STEP 2)	180		73		107
-LREV SB- 90+00 TO -LREV SB- 90+37.493 (STEP 3)			10,714	10,714	
-LREV NB- 90+60 TO -LREV END- 100+00.000 (STEP 3)	995		2,066	1,071	
-NC68NB DET- 11+75.967 TO -NC68NB DET-13+18.14 (STEP 3)	61		806	745	
SUBTOTAL: SUMMARY #1 PHASE 1	23,111		212,596	207,544	18,059
WASTE TO BE USED IN LIEU OF BORROW				-18,059	-18,059
TOTAL SUMMARY #1 PHASE 1	23,111		212,596	189,485	
<b>PROJECT SUBTOTAL PHASE 1</b>	<b>23,111</b>		<b>212,596</b>	<b>189,485</b>	
<b>SUMMARY #2 PHASE 2</b>					
-LREV SB- 87+00.000 TO -LREV SB- 90+00.000	11,365		23,000	11,635	
-NC68 SB- 10+00.000 TO -NC68 SB- 13+60.000	44		40,210	40,166	
-LREV SB- 90+81.993 TO -LREV SB- 91+80.000			25,900	25,900	
-LREV SB- 96+60.000 TO -LREV SB- 98+72.769	438		1,783	1,345	
-LREV END- 98+41.554 TO -LREV END- 105+65.000	4,656		1,188		3,468
-Y16A- 10+92.331 TO -Y16A- 11+09.036	71		37		34
-Y16B- 10+24.856 TO -Y16B- 10+55.267	37				37
SUBTOTAL: SUMMARY #2 PHASE 2	16,611		92,118	79,046	3,539
WASTE TO BE USED IN LIEU OF BORROW				-3,539	-3,539
<b>PROJECT SUBTOTAL PHASE 2</b>	<b>16,611</b>		<b>92,118</b>	<b>75,507</b>	
<b>SUMMARY #3 PHASE 3</b>					
-LREVSX XOV- 99+33.836 TO -LREV SB- 101+05.157 (STEP 1A)	128				128
-LREV- 75+60.000 TO -LREV- 86+18.605 (STEP 2)	71,774		1,188		70,586
-LREV NB- 86+18.605 TO -LREV NB- 90+09.000 (STEP 2)	19,109		7		19,102
-NC68 NB- 10+00.000 TO -NC68 NB- 16+00.000 (STEP 2)	677		1,150	473	
-LREV NB- 92+45.000 TO -LREV NB- 98+39.270 (STEP 2)	2,215		2,026		189
-LREV NB- 90+09.000 TO -LREV SB- 92+45.000 (STEP 3)	373		1,429	1,056	
SUBTOTAL: SUMMARY #3 PHASE 3	94,276		5,800	1,529	90,005
WASTE TO BE USED IN LIEU OF BORROW				-1,529	-1,529
TOTAL SUMMARY #3 PHASE 3	94,276		5,800		88,476
<b>PROJECT SUBTOTAL PHASE 3</b>	<b>94,276</b>		<b>5,800</b>		<b>88,476</b>

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	TOTAL WASTE
PROJECT SUBTOTAL PHASE 1	23,111		212,596	189,485	
PROJECT SUBTOTAL PHASE 2	16,611		92,118	75,507	
PROJECT SUBTOTAL PHASE 3	94,276		5,800		88,476
<b>SUBTOTAL (PHASES 1-3)</b>	<b>133,998</b>		<b>310,514</b>	<b>264,992</b>	<b>88,476</b>
MATERIAL FOR SHOULDER CONSTRUCTION			17,018	17,018	
LOSS DUE TO CLEARING & GRUBBING					
PROJECT SUBTOTAL	133,998		327,532	282,010	
ESTIMATE 5% TO REPLACE TOPSOIL IN BORROW PITS				14,101	
<b>GRAND TOTAL (M<sup>3</sup>)</b>	<b>133,998</b>		<b>327,532</b>	<b>296,111</b>	
ENGLISH TOTAL (CY)	175,269			387,313	
ENGLISH SAY (CY)	<b>175,300</b>			<b>387,400</b>	

ADDITIONAL UNDERCUT = 400 CM (523 CY) SAY 530 CY  
 DRAINAGE DITCH EXCAVATION = 350 CM (458 CY) SAY 460 CY  
 SELECT GRANULAR MATERIAL = 400 CM (523 CY) SAY 530 CY  
 PAVEMENT STRUCTURE VOLUME = 17,373 CM 22,723 CY) SAY 22,800 CY

NOTE: ADDITIONAL UNDERCUT AND SELECT GRANULAR MATERIAL CONTINGENCY PER DIVISION GEOTECHNICAL REPORT, 1/29/2015

EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.