



PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

March 2, 2016

Addendum No. 1

RE: Contract # C203823

WBS # 2017CPT.12.06.10551, Etc.

STATE FUNDED

Lincoln County

US-321 From High Shoals Bridge To NC-27/NC-150, 1 Section of

US-321 Business, 1 Section of NC-150 and 46 Sections of Secondary Roads

March 15, 2016 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 plans (Sketch Maps):

Sheet No.	Revisions
8, 9 and 14	Revised "Pavement Schedule" and "Summary of Quantities" to reflect the below noted change of aggregate size for the Asphalt Surface Treatment, Mat Coat

Please void Sheet Nos. 8, 9 and 14 in your plans and staple the revised Sheet Nos. 8, 9 and 14 thereto.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 03-02-16"
R-10	Revised Table 660-7 to reflect the change to #78M stone

Please void the Proposal Cover and Page No. R-10 in your proposal and replace with the revised pages.




On the item sheets the following pay item description change has been made:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
016-117550000-E-SP	Asphalt Surface Treatment, Mat Coat, # 67 Stone	60,900 SY	DELETED
016-117550000-E-SP	Asphalt Surface Treatment, Mat Coat, # 78M Stone	NEW ITEM	60,900 SY

The Contractor's bid must include this pay item change. The contract will be prepared accordingly.

The Expedite File has been updated to reflect this revision. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely,



R. A. Garris, PE
Contract Officer

RAG/jag

cc: Mr. Ron Hancock, PE	Mr. Ray Arnold, PE
Mr. Mark Stafford PE	Ms. Theresa Canales, PE
Mr. Rodger Rochelle, PE	Ms. Marsha Sample
Mr. R.E. Davenport, PE	Mr. Mike Gwyn
Mr. Ken Kennedy, PE	Ms. Penny Higgins
Ms. Jaci Kincaid	Ms. Lori Strickland
Project File (2)	

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 03-02-16

DATE AND TIME OF BID OPENING: **MARCH 15, 2016 AT 2:00 PM**

CONTRACT ID C203823
WBS 2017CPT.12.06.10551, 2017CPT.12.06.20551

FEDERAL-AID NO. STATE FUNDED
COUNTY LINCOLN
T.I.P. NO.
MILES 27.770
ROUTE NO. US 321
LOCATION US-321 FROM HIGH SHOALS BRIDGE TO NC-27/NC-150, 1 SECT OF
US-321 BUS, 1 SECT OF NC-150, AND 46 SECT OF SECONDARY ROADS.
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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 PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

covered. Tailgate spreaders will not be permitted. Areas that are inaccessible to the aggregate spreader shall be covered by hand spreading or other acceptable methods.

660-7 AGGREGATE TYPE AND APPLICATION RATES

MAP #	TYPE OF SEAL	LAYER	AGGREGATE TYPE	AGGREGATE TARGET RATE ^A (LBS/SY)	EMULSION TARGET RATE ^{B,C,D} (GAL/SY)
13	MATCOAT		#78M STONE	17	.40
14	MATCOAT		#78M STONE	17	.40
15	MATCOAT		#78M STONE	17	.40
21	MATCOAT		#78M STONE	17	.40
22	MATCOAT		#78M STONE	17	.40
23	MATCOAT		#78M STONE	17	.40
24	MATCOAT		#78M STONE	17	.40
25	MATCOAT		#78M STONE	17	.40
26	MATCOAT		#78M STONE	17	.40
30	MATCOAT		#78M STONE	17	.40
31	MATCOAT		#78M STONE	17	.40
32	MATCOAT		#78M STONE	17	.40
33	MATCOAT		#78M STONE	17	.40
34	MATCOAT		#78M STONE	17	.40
36	MATCOAT		#78M STONE	17	.40
37	MATCOAT		#78M STONE	17	.40
38	MATCOAT		#78M STONE	17	.40
39	MATCOAT		#78M STONE	17	.40
40	MATCOAT		#78M STONE	17	.40
45	MATCOAT		#78M STONE	17	.40
46	MATCOAT		#78M STONE	17	.40
49	MATCOAT		#78M STONE	17	.40

- A. Aggregate Target Rates have +/- 2.0 lbs/sy tolerance limit.
- B. Emulsion Target Rates have +/- 0.03 gal/sy tolerance limit.
- C. Grades of emulsion shall be CRS-2L or CRS-2P.
- D. Application temperatures shall be 160-170°F.

County: Lincoln

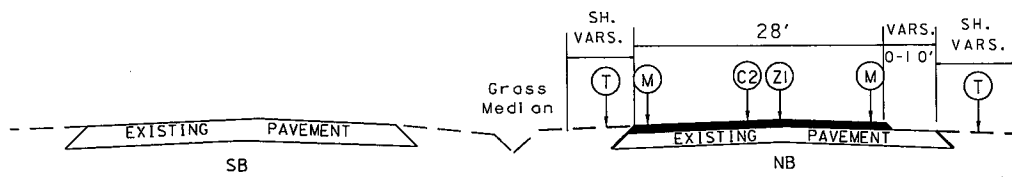
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0255000000-E	SP	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW	3,407 TON		
0003	1220000000-E	545	INCIDENTAL STONE BASE	545 TON		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	37.73 SMI		
0005	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	103,750 SY		
0006	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	19,400 SY		
0007	1330000000-E	607	INCIDENTAL MILLING	4,245 SY		
0008	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	14,512 TON		
0009	1520000000-E	SP	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)	3,130 TON		
0010	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	17,188 TON		
0011	1524000000-E	SP	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)	900 TON		
0012	1525000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	6,747 TON		
0013	1525100000-E	SP	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)	380 TON		
0014	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	2,620 TON		
0015	1704000000-E	SP	PATCHING EXISTING PAVEMENT	4,003 TON		
0016	1775000000-E	660	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	60,900 SY		
0017	1838000000-E	SP	EMULSION FOR ASPHALT SURFACE TREATMENT	24,360 GAL		

County: Lincoln

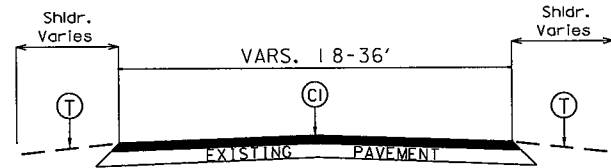
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	1840000000-E	665	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	53,600 LF		
0019	2605000000-N	848	CONCRETE CURB RAMP	2 EA		
0020	2815000000-N	858	ADJUSTMENT OF DROP INLETS	1 EA		
0021	2830000000-N	858	ADJUSTMENT OF MANHOLES	8 EA		
0022	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	4 EA		
0023	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	5,288 SF		
0024	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0025	4510000000-N	SP	LAW ENFORCEMENT	50 HR		
0026	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	185 LF		
0027	4705000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)	100 LF		
0028	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	819 LF		
0029	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	20 EA		
0030	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	165 EA		
0031	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	423,000 LF		
0032	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	67,100 LF		
0033	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	1,450 LF		
0034	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	79 LF		
0035	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	42 EA		

County : Lincoln

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0036	4847000000-E	1205	POLYUREA PAVEMENT MARKING LINES (4" *****) (HIGHLY REFLECTIVE ELEMENTS)	106,500 LF		
0037	4847100000-E	1205	POLYUREA PAVEMENT MARKING LINES (6" *****) (HIGHLY REFLECTIVE ELEMENTS)	67,100 LF		
0038	4847110000-E	1205	POLYUREA PAVEMENT MARKING LINES (8" *****) (HIGHLY REFLECTIVE ELEMENTS)	1,250 LF		
0039	4847120000-E	1205	POLYUREA PAVEMENT MARKING LINES (12" *****) (HIGHLY REFLECTIVE ELEMENTS)	1,450 LF		
0040	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	1,600 LF		
0041	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	1,445 EA		
0042	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
1149/Mar02/Q997385.73/D131081530000/E42			Total Amount Of Bid For Entire Project :			

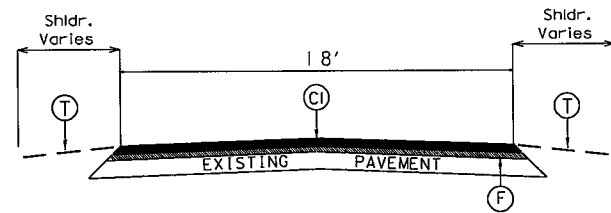


TYPICAL SECTION NO. 1
MAP #1 (entire map)

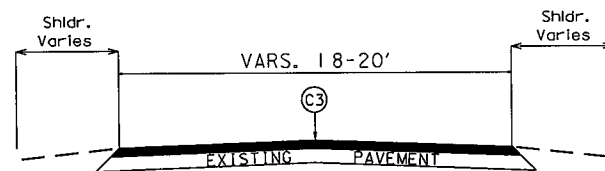


TYPICAL SECTION NO. 2

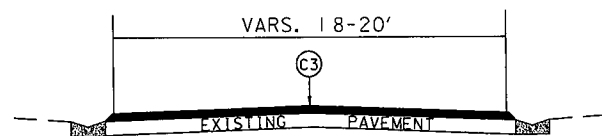
MAP #2 (0+00 TO 68+00)
MAP #4-8 (entire maps)
MAP #18 (entire map)
MAP #28 (entire map)
MAP #42 (entire map)



TYPICAL SECTION NO. 3
MAP #15 (entire map)



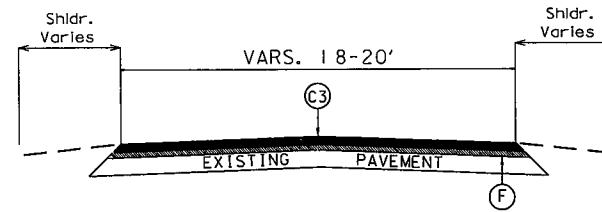
TYPICAL SECTION NO. 4
MAP #9- #11 (entire maps)
MAP #16- #17 (entire maps)
MAP #19- #20 (entire maps)
MAP #27 (entire map)
MAP #29 (entire map)
MAP #41 (entire map)
MAP #43- #44 (entire maps)
MAP #47- #48 (entire maps)



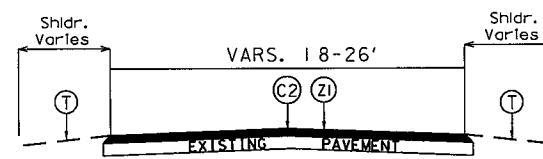
TYPICAL SECTION NO. 5
MAP #12 (entire map)
MAP #35 (entire map)

Typical #1 Notes:

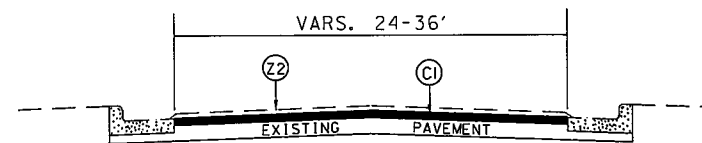
- Shoulder Reconstruction will not be required in any areas with extended outside paved shoulder.
- In areas with extended outside paved shoulder, taper lift down approx. 6" to 12" beyond the milled rumble strip.



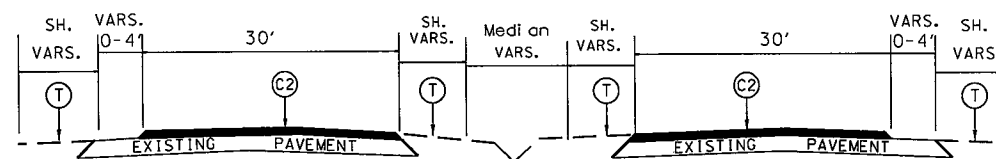
TYPICAL SECTION NO. 6
MAP #13-14 (entire maps)
MAP #21-26 (entire maps)
MAP #30-34 (entire maps)
MAP #36-40 (entire maps)
MAP #45-46 (entire maps)
MAP #49 (entire map)



TYPICAL SECTION NO. 7
MAP # 1 (RAMPS ONLY)



TYPICAL SECTION NO. 8
MAP # 2 - 68+00 to 119+25



TYPICAL SECTION NO. 9
MAP # 3 - (entire map)

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1" OF ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS PER SQ. YD.
F	ASPHALT SURFACE TREATMENT, MATCOAT # 78M STONE
T	AGGREGATE SHOULDER BORROW (SHOULDER RECONSTRUCTION)
Y	INCIDENTAL MILLING
M	MILLED RUMBLE STRIPS
Z1	MILL EXST. ASPHALT PAVEMENT APPROX. 1½" IN DEPTH
Z2	MILL EXST. ASPHALT PAVEMENT APPROX. 2" IN DEPTH

Typical #8 Notes:

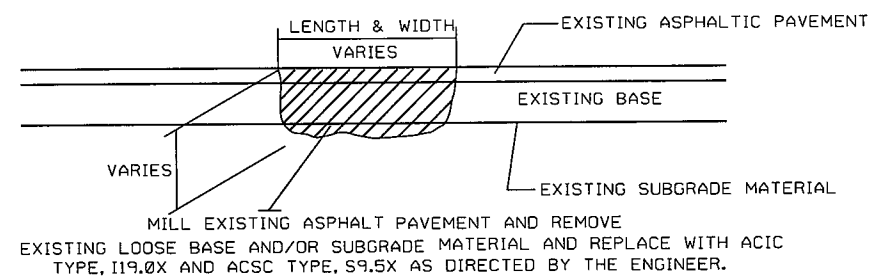
** No Shoulder Reconstruction required in wider paved shoulder sections with G-R.

General Notes:

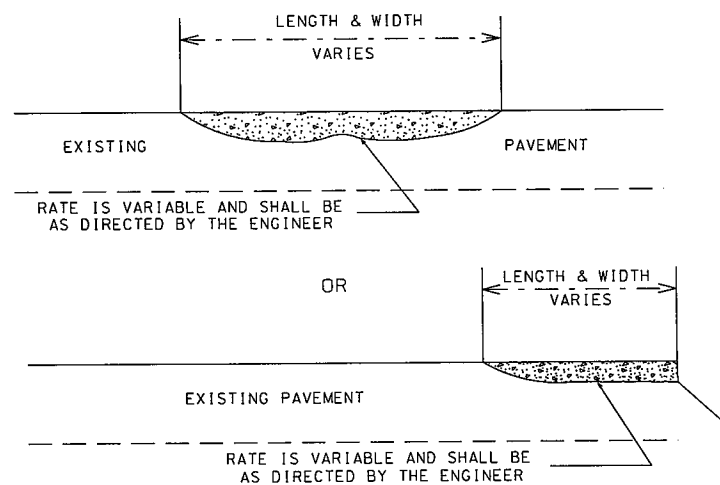
* Pavement edge slopes are 1:1 unless specified otherwise.

2016 - 2017
Resurfacing Program
Typical Sections
Lincoln County NC

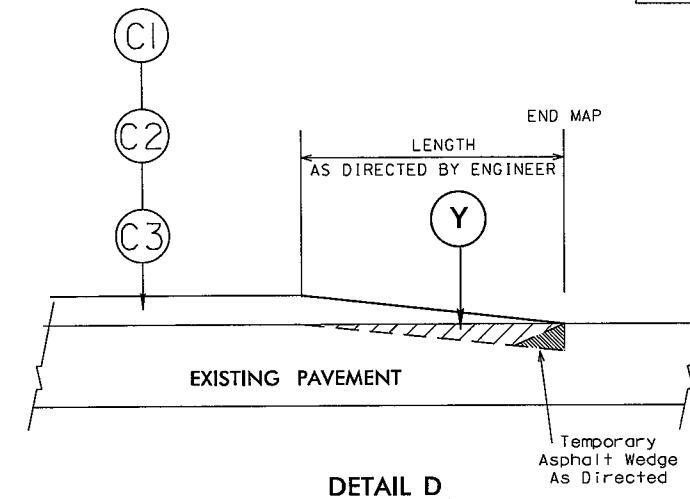
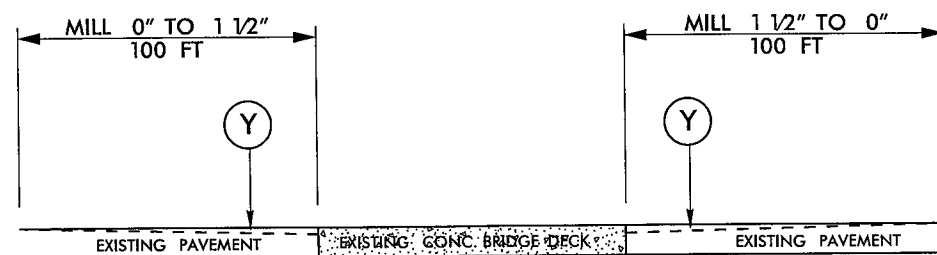
DETAIL A
PATCHING EXISTING PAVEMENT



DETAIL B
ASPHALT CONCRETE SURFACE COURSE
TYPE S9.5B or S9.5C. (LEVELING COURSE)



DETAIL C
MILLING BRIDGE APPROACHES



DETAIL D
TIE-IN (INCIDENTAL) MILLING DETAIL

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1" OF ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS PER SQ. YD.
F	ASPHALT SURFACE TREATMENT, MATCOAT # 78M STONE
T	AGGREGATE SHOULDER BORROW (SHOULDER RECONSTRUCTION)
Y	INCIDENTAL MILLING
M	MILLED RUMBLE STRIPS
Z1	MILL EXST. ASPHALT PAVEMENT APPROX. 1½ " IN DEPTH
Z2	MILL EXST. ASPHALT PAVEMENT APPROX. 2 " IN DEPTH

General Notes:

* Pavement edge slopes are 1:1 unless specified otherwise.

2016 - 2017
Resurfacing Program
Typical Sections
Lincoln County NC

Checked by:

Drawn by: GHB

