



PAT McCRORY  
Governor

NICHOLAS J. TENNYSON  
Secretary

February 10, 2016

**Addendum No. 1**

RE: Contract # C203778

WBS # 52005.3.1, 53048.3.1

F. A. # NHPP-0095(22)124, NHPP-0095(26)125

**Wilson County (I-5727, I-5842)**

I-95 From SR-1116 (Governor Hunt Road) To SR-1309 (Bloomery Road)

And SR-1309 (Bloomery Road) To Nash County Line

**February 16, 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
2 thru 4 and 6 thru 11	Revised to reflect the below noted pay item addition, deletion and quantity changes

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

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 02-10-16"
G-4	Corrected list of Specialty Items
R-22 and New R-23 and R-24	Revised to add the project special provision entitled "Open Graded Asphalt Friction Course, Permeable Asphalt Drainage Course and Ultra-Thin Bonded Wearing Course"

Please void the Proposal Cover, Page G-4 and Page R-22 and replace with the revised Proposal Cover, Page G-4 and Page R-22. Please staple New Page Nos. R-23 and R-24 after revised Page No. R-22.



On the item sheets the following pay item quantity changes have been made:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
020-157700000-E-620	Polymer Modified Asphalt Binder For Plant Mix	1,864 TON	1,872 TON
033-468800000-E-1205	Thermoplastic Pavement Marking Lines (6" 90 MILS)	253,870 LF	274,184 LF
045-4847100000-E-1205	Polyurea Pavement Marking Lines (6" Highly Reflective Elements)	19,214 LF	<b>DELETED</b>
051-1663000000-E-650	Open Graded Asphalt Friction Course, Type FC-2 Mod	<b>NEW ITEM</b>	130 TON

The Contractor's bid must include this new pay item and quantity changes. The contract will be prepared accordingly.

The Expedite File has been updated to reflect these revisions. 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. Tim Little PE  
 Mr. Rodger Rochelle, PE  
 Mr. R.E. Davenport, PE  
 Mr. Ken Kennedy, PE  
 Ms. Jaci Kincaid  
 Project File (2)

Mr. Ray Arnold, PE  
 Ms. Theresa Canales, PE  
 Ms. Marsha Sample  
 Mr. Mike Gwyn  
 Ms. Penny Higgins  
 Ms. Lori Strickland

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

PROPOSAL

**INCLUDES ADDENDUM No.1 DATED 02-10-16**

DATE AND TIME OF BID OPENING: **FEBRUARY 16, 2016 AT 2:00 PM**

CONTRACT ID C203778  
WBS 52005.3.1, 53048.3.1

FEDERAL-AID NO. NHPP-0095(22)124, NHPP-0095(26)125  
COUNTY WILSON  
T.I.P. NO. I-5727, I-5842  
MILES 10.100  
ROUTE NO. I 95  
LOCATION I-95 FROM SR-1116 (GOVERNOR HUNT ROAD) TO SR-1309 (BLOOMERY ROAD) AND SR-1309 (BLOOMERY ROAD) TO NASH COUNTY LINE.

TYPE OF WORK PAVEMENT REHABILITATION.

**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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**MAJOR CONTRACT ITEMS:**

(2-19-02)

104

SP1 G28

The following listed items are the major contract items for this contract (see Article 104-5 of the 2012 Standard Specifications):

Line #	Description
18	Asphalt Concrete Surface Course, Type S9.5D

**SPECIALTY ITEMS:**

(7-1-95)(Rev. 1-17-12)

108-6

SP1 G37

Items listed below will be the specialty items for this contract (see Article 108-6 of the 2012 Standard Specifications).

Line #	Description
33 - 40	Long-Life Pavement Markings
48	Permanent Pavement Markers
50	Signals/ITS System

**FUEL PRICE ADJUSTMENT:**

(11-15-05) (Rev. 2-18-14)

109-8

SP1 G43

Revise the 2012 Standard Specifications as follows:

**Page 1-83, Article 109-8, Fuel Price Adjustments**, add the following:

The base index price for DIESEL #2 FUEL is \$ 1.1964 per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type _____	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Permeable Asphalt Drainage Course, Type _____	Gal/Ton	2.90
Sand Asphalt Surface Course, Type _____	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
" Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to " Pavement	Gal/SY	0.245

WITH A MINIMUM CHARACTER HEIGHT OF 18". FOR ADDITIONAL MESSAGING, CONTACT THE WORK ZONE TRAFFIC CONTROL SECTION.

13- TMCMS USED FOR ADVANCED WARNING ON VEHICLES LOCATED ON THE SHOULDER MAY BE SMALLER THAN 43" X 73". THE DISPLAY PANEL SHALL HAVE THE CAPABILITY TO PROVIDE 2 MESSAGE LINES WITH 7 CHARACTERS PER LINE WITH A MINIMUM CHARACTER HEIGHT OF 18". FOR ADDITIONAL MESSAGING, CONTACT THE WORK ZONE TRAFFIC CONTROL SECTION.

**OPEN GRADED ASPHALT FRICTION COURSE, PERMEABLE ASPHALT DRAINAGE COURSE, AND ULTRA-THIN BONDED WEARING COURSE:**

(4-17-12)(Rev. 12-15-15)

609, 610

SP6 R62

When producing and constructing open graded asphalt friction course, permeable asphalt drainage course, and ultra-thin bonded wearing course revise the *2012 Standard Specifications* as follows:

**Page 6-10, Subarticle 609-6(B) Required Sampling and Testing Frequencies**, delete the third paragraph and replace with the following:

Sample and test the completed mixture from each mix design per plant per year at the following minimum frequency during mix production:

<u>Accumulative Production Increment</u>	<u>Number of Samples per Increment</u>
500 tons	1

**Page 6-10, Subarticle 609-6(C) Control Charts**, delete the fourth paragraph and replace with the following:

Record the following data on the standardized control charts and in accordance with the requirements of Section 7.4 of the *HMA/QMS Manual*:

- (a) Aggregate Gradation Test Results:
1. 12.5 mm (Types P57 & FC-2 Mod. Only)
  2. 9.5 mm (Excluding Type P57)
  3. 4.75 mm
  4. 2.36 mm
  5. 0.075 mm Sieves
- (b) Binder Content, %,  $P_b$

Page 6-11, Subarticle 609-6(D) Control Limits, Table 609-1 CONTROL LIMITS, replace with the following:

Mix Control Criteria	Target Source	Moving Average Limit	Individual Limit
12.5 mm Sieve (Types P57 & FC-2 Mod)	JMF	± 4.0	± 8.0
9.5 mm Sieve (Excluding Type P57)	JMF	± 4.0	± 8.0
4.75 mm Sieve	JMF	± 4.0	± 8.0
2.36 mm Sieve	JMF	± 4.0	± 8.0
0.075 mm Sieve	JMF	± 1.5	± 2.5
Binder Content	JMF	± 0.3	± 0.7
TSR (Ultra-thin Only)	Min. Spec. Limit	-	- 15%

Page 6-12, Subarticle 609-6(F) Allowable Retesting for Mix Deficiencies, Table 609-2 RETEST LIMITS FOR MIX DEFICIENCIES, replace with the following:

Property	Limit
% Binder Content	by more than ± 1.0%
12.5 mm Sieve (Types P 57 & FC-2 Mod)	by more than ± 9.0%
9.5 mm Sieve (Excluding Type P 57)	by more than ± 9.0%
4.75 mm sieve	by more than ± 9.0%
2.36 mm sieve	by more than ± 9.0%
0.075 mm sieve	by more than ± 3.0%
TSR (Ultra-thin only)	by more than -15% from Specification limit

Page 6-17, Subarticle 609-9(C) Limits of Precision, Table 609-3 LIMITS OF PRECISION FOR TEST RESULTS, replace with the following:

<b>Mix Property</b>	<b>Limits of Precision</b>
12.5 mm Sieve (Types P 57 & FC-2 Mod. Only)	± 6.0%
9.5 mm Sieve (Excluding Type P 57)	± 5.0%
4.75 mm Sieve	± 5.0%
2.36 mm Sieve	± 5.0%
0.075 mm Sieve	± 2.0%
Asphalt Binder Content	± 0.5%
TSR (Ultra-thin HMA Only)	± 15.0%

Page 6-19, Article 610-3, COMPOSITION OF MIXTURES (MIX DESIGN AND JOB MIX FORMULA), lines 23-24, replace the second sentence in the fifth paragraph with the following:

RAS material may constitute up to 6% by weigh of total mixture for any mix with the exception of OGAFc which may constitute up to 5% by weight.

Page 6-19, Article 610-3, COMPOSITION OF MIXTURES (MIX DESIGN AND JOB MIX FORMULA), line 32, add the following after the fifth sentence of the fifth paragraph:

For OGAFc, the maximum percent of binder contributed from RAS or a combination of RAS and RAP is 18%.

County: Wilson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM BRIDGE APPROACH SLAB INVESTIGATION	104 EA		
0003	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM BRIDGE SLOPE PROTECTION INVESTIGATION	80 EA		
0004	0000920000-E	SP	GENERIC MISCELLANEOUS ITEM ASPHALT JOINT REPAIR/REPLACEMENT (18" - 24" WIDE, WITH PLATE)	7.4 CY		
0005	0000920000-E	SP	GENERIC MISCELLANEOUS ITEM JOINT REPAIR USING ELASTOMERIC CONCRETE	4.4 CY		
0006	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM EVAZOTE JOINT REPLACEMENT	160 LF		
0007	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM SILICON JOINT REPLACEMENT (1" TO 2" WIDE)	10 LF		
0008	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM SILICON JOINT REPLACEMENT (GREATER THAN 2" WIDE)	10 LF		
0009	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM SILICON JOINT REPLACEMENT (LESS THAN 1" WIDE)	940 LF		
0010	0000940000-E	SP	GENERIC MISCELLANEOUS ITEM SLAB LEVELING AND UNDERSEALING	150 LB		
0011	0000990000-E	SP	GENERIC MISCELLANEOUS ITEM SOIL STABILIZATION	100 GAL		
0012	0000990000-E	SP	GENERIC MISCELLANEOUS ITEM STRUCTURAL FOAM VOID FILL/STABILIZATION	1,000 GAL		
0013	1077000000-E	SP	#57 STONE	55 TON		
0014	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	396,130 SY		



County: Wilson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0015	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	845 SY		
0016	1330000000-E	607	INCIDENTAL MILLING	800 SY		
0017	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,020 TON		
0018	1524200000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	32,360 TON		
0019	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	71 TON		
0020	1577000000-E	620	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX	1,872 TON		
0021	1840000000-E	665	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	12,095 LF		
0022	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	668 SF		
0023	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	20 SF		
0024	4415000000-N	1115	FLASHING ARROW BOARD	2 EA		
0025	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	4 EA		
0026	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	104 DAY		
0027	4430000000-N	1130	DRUMS	120 EA		
0028	4445000000-E	1145	BARRICADES (TYPE III)	48 LF		
0029	4480000000-N	1165	TMA	1 EA		
0030	4510000000-N	SP	LAW ENFORCEMENT	128 HR		
0031	4516000000-N	1180	SKINNY DRUM	80 EA		
0032	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	1,523 EA		

County: Wilson

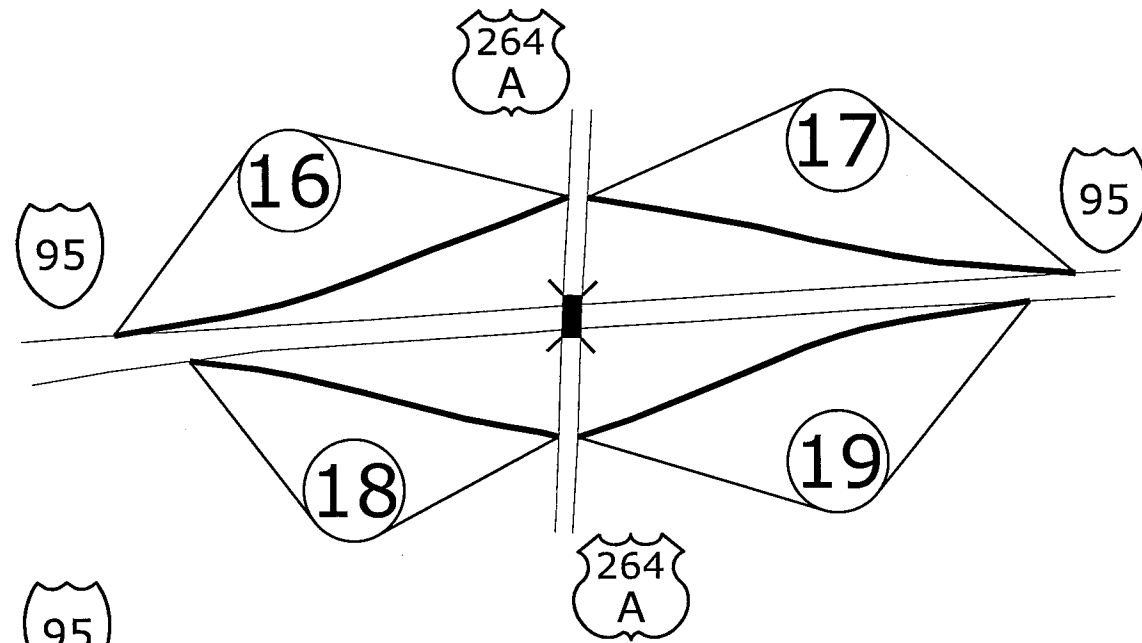
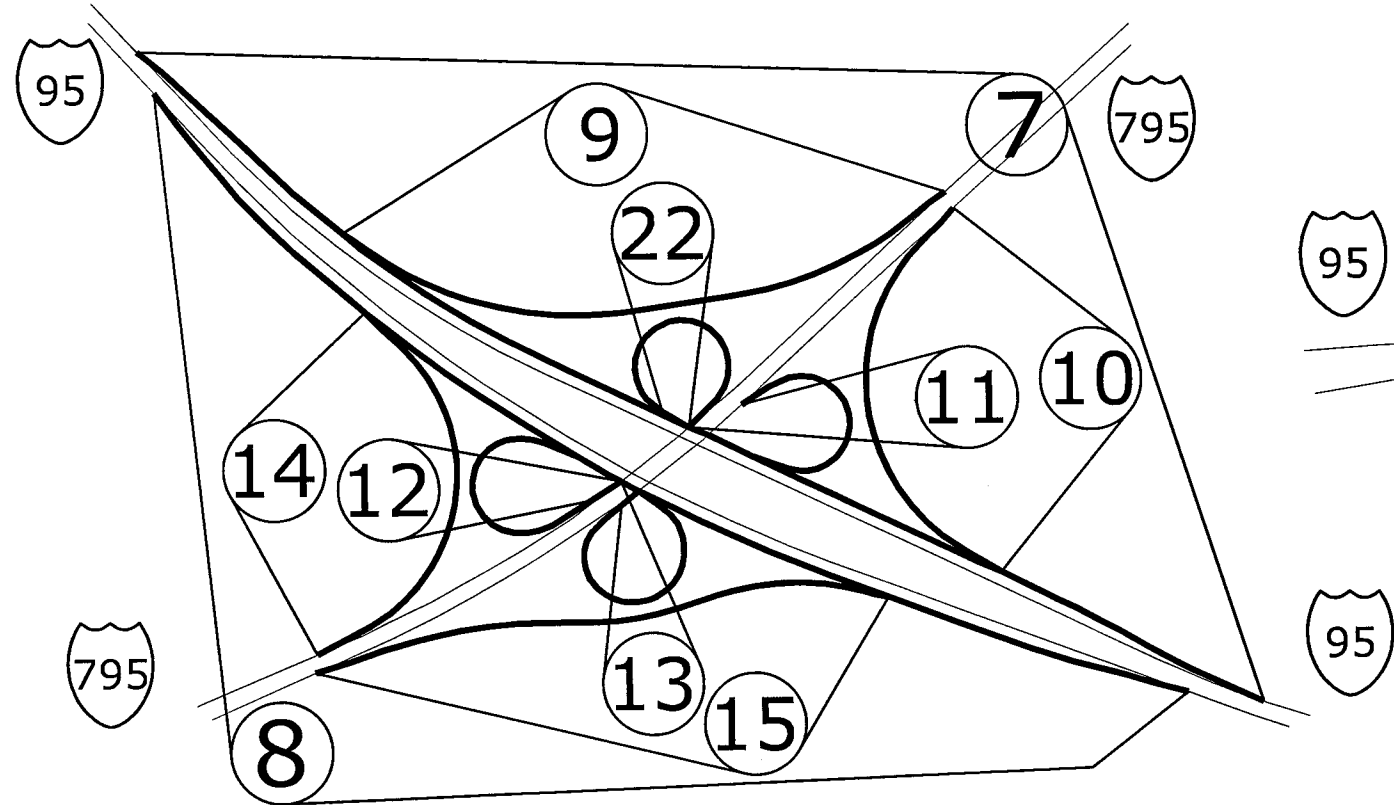
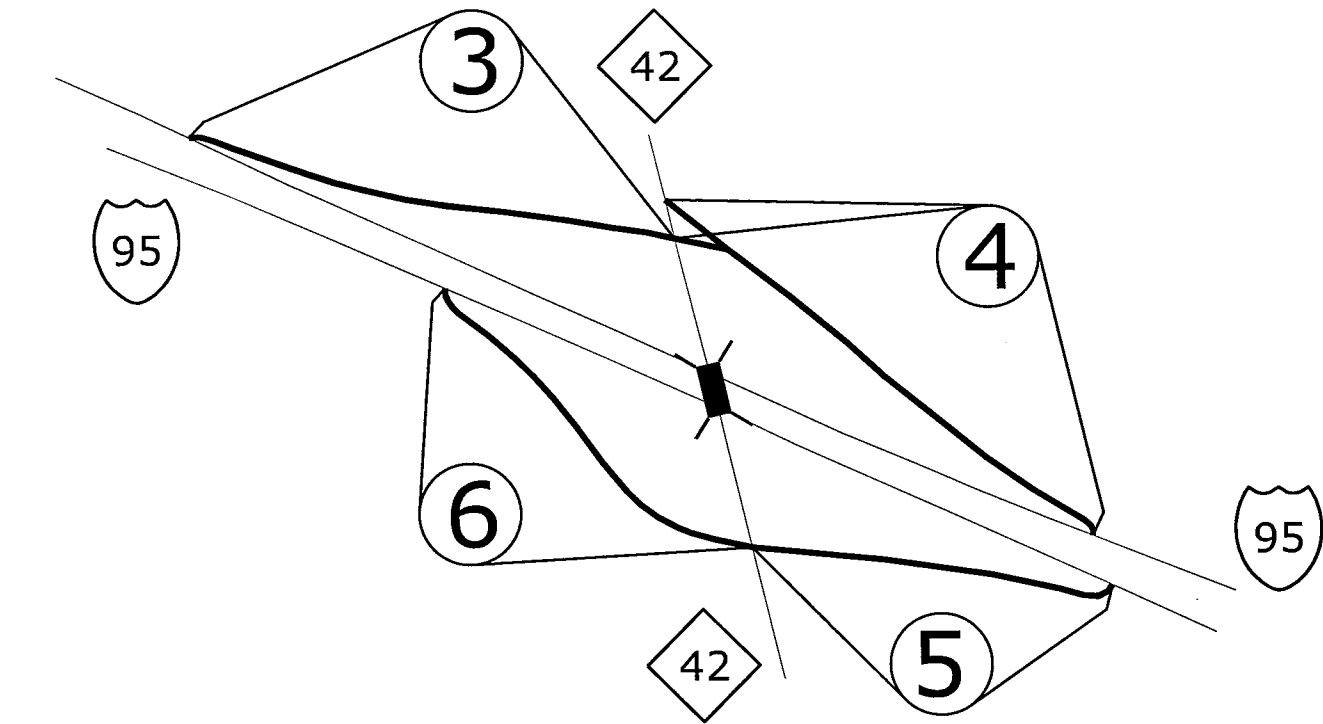
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0033	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	274,184 LF		
0034	4690000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	30,069 LF		
0035	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	960 LF		
0036	4702000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	13,250 LF		
0037	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	96 LF		
0038	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	8 EA		
0039	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	28 EA		
0040	4805000000-N	1205	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	4 EA		
0041	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	307,660 LF		
0042	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	11,570 LF		
0043	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	128 LF		
0044	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	32 EA		
0046	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	19,214 LF		
0047	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	4 EA		
0048	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	1,790 EA		
0049	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0050	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	300 LF		

County: Wilson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	1663000000-E	650	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED	130 TON		
1611/Feb09/Q1109940.8/D148217610000/E50			Total Amount Of Bid For Entire Project :			

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5727 - 52005.3.1 - NHPP-0095(22)124	2	
I-5842 - 53048.3.1 - NHPP-0095(26)125		

# WILSON COUNTY NORTH CAROLINA

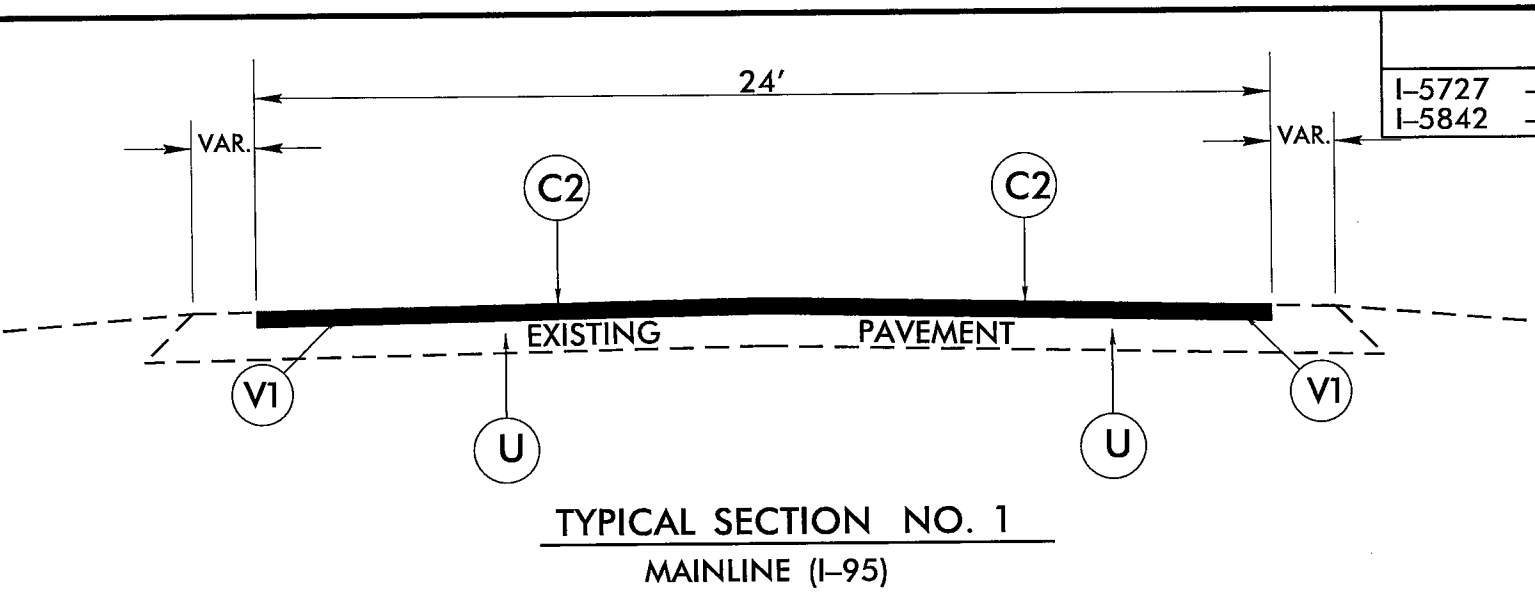


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 I-5727 & I-5842 Wilson County, NC  
 Revised Files\I-5727 & I-5842 12-09-2015\Addendum (Thermoplastuc)\I-5727\_DDC4\_MAP & TYP5.dgn

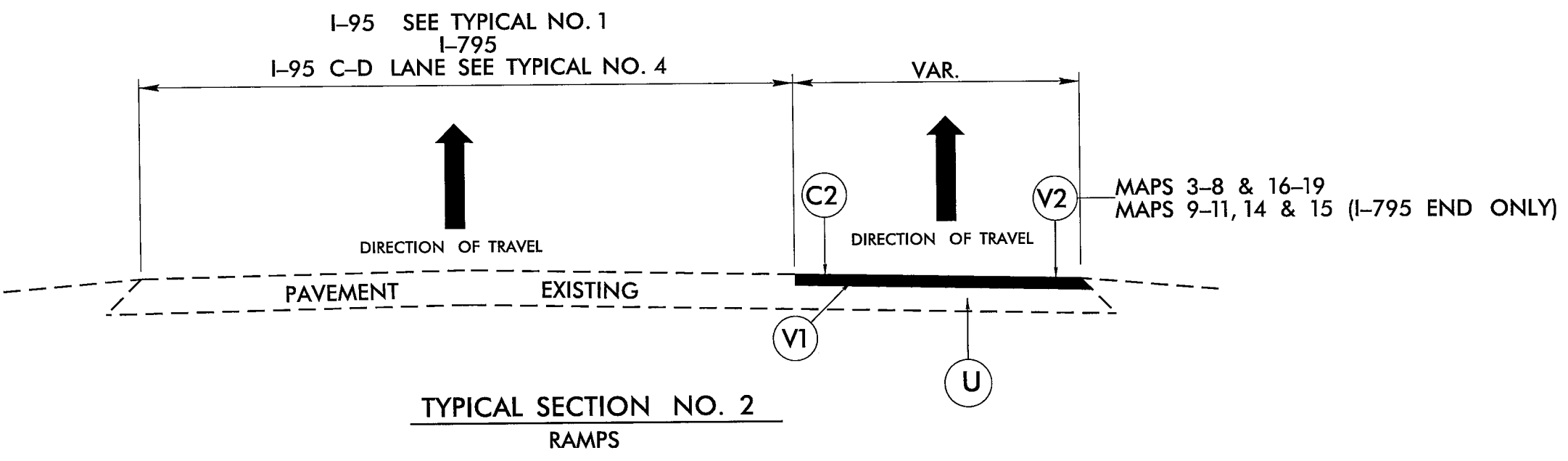
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 I-5727 & I-5842 MAPS 3-8 & 16-19  
 I-5727 & I-5842 MAPS 9-11, 14 & 15 (I-795 END ONLY)  
 I-5727 - 52005.3.1 - NHPP-0095(22)124  
 I-5842 - 53048.3.1 - NHPP-0095(26)125

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5727 - 52005.3.1 - NHPP-0095(22)124 I-5842 - 53048.3.1 - NHPP-0095(26)125	3	

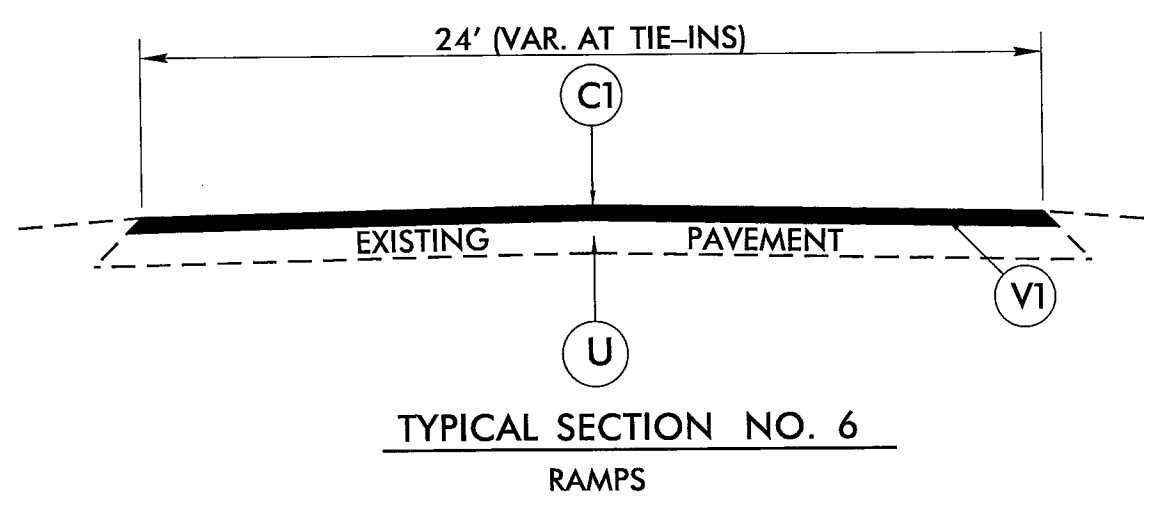
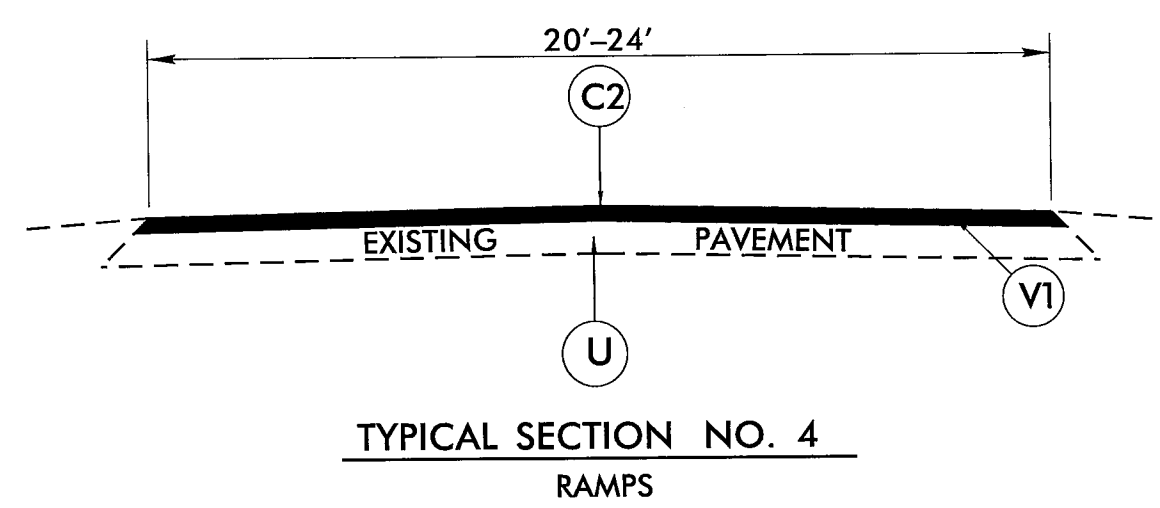
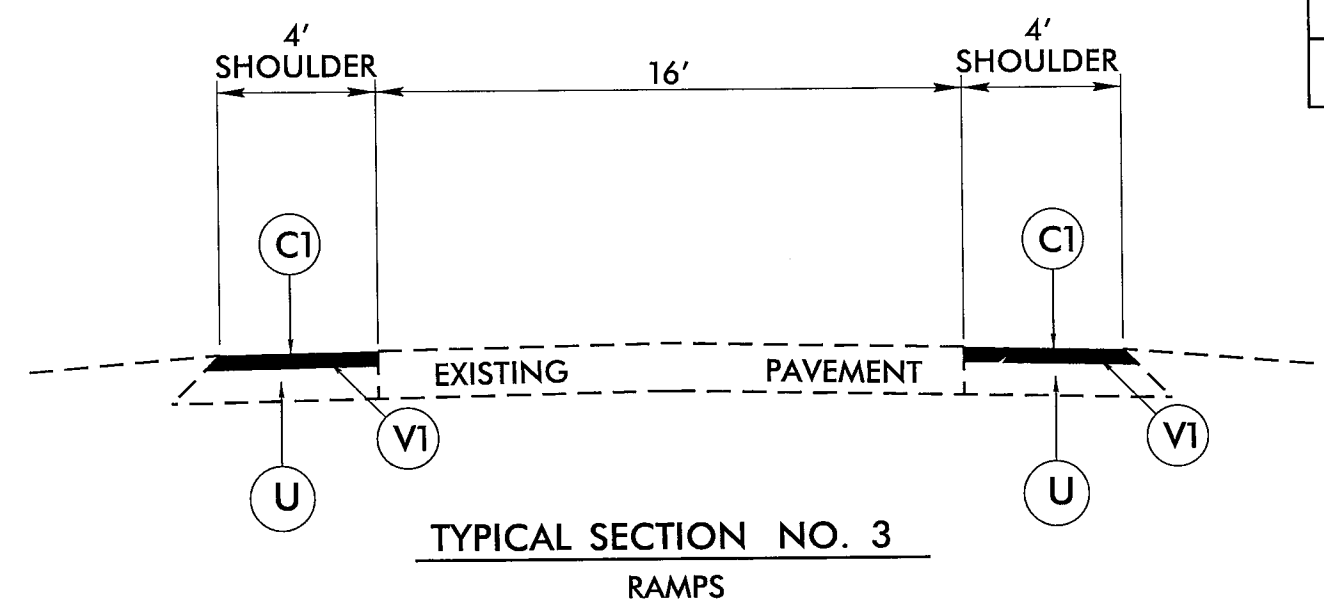


PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 0.75" OF OGFC TYPE FG-2 MOD, AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
V1	MILLING BITUMINOUS PAVEMENT, 1.5" DEPTH.
V2	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)



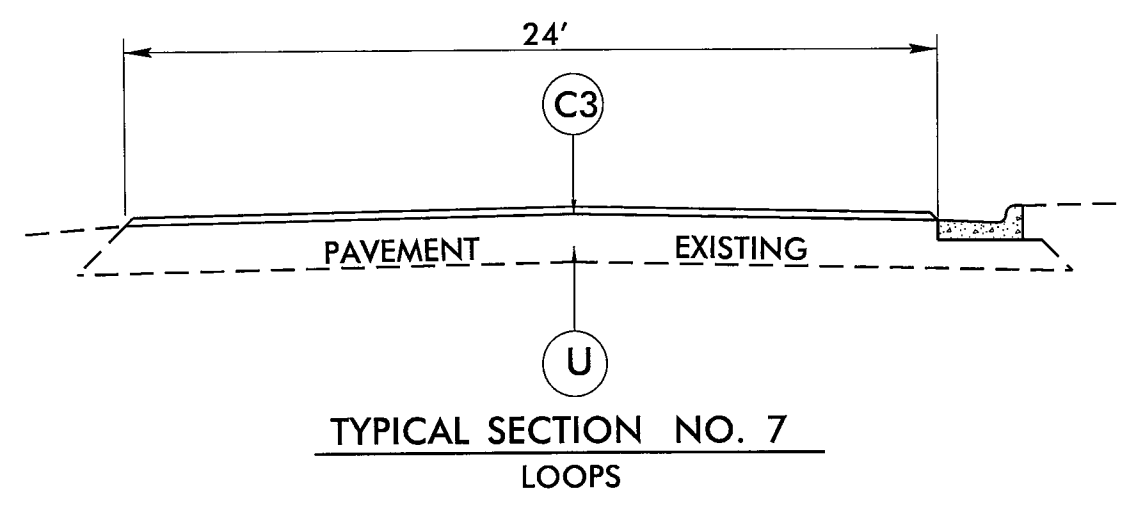
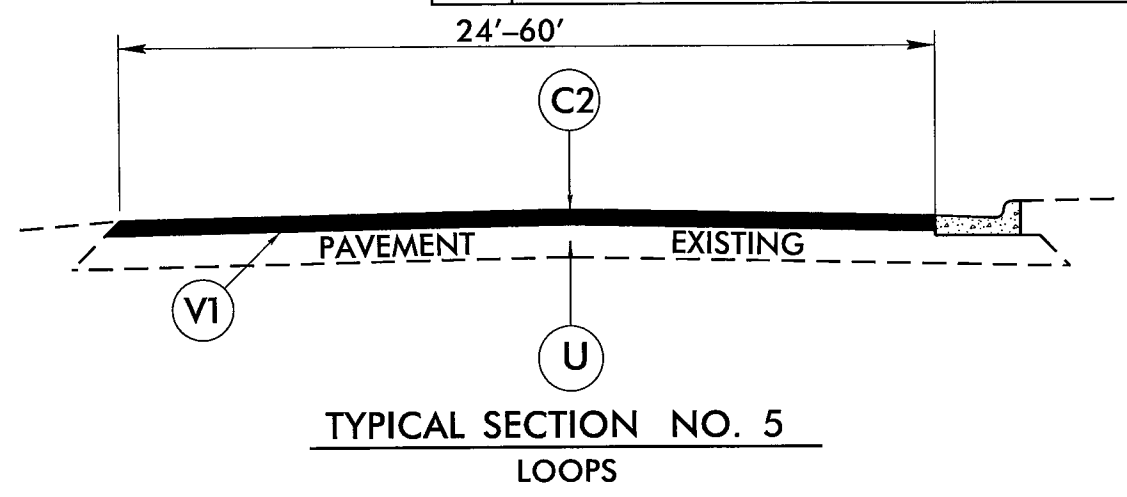
I-5727 & I-5842 MAPS 3-8 & 16-19  
 I-5727 - 52005.3.1 - NHPP-0095(22)124  
 I-5842 - 53048.3.1 - NHPP-0095(26)125

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 27 & 1-5842



PROJECT NO.	SHEET NO.	TOTAL NO.
I-5727 - 52005.3.1 - NHPP-0095(22)124	4	
I-5842 - 53048.3.1 - NHPP-0095(26)125		

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 0.75" OF OGFC TYPE FC-2 MOD, AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
V1	MILLING BITUMINOUS PAVEMENT, 1.5" DEPTH.
V2	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)



## SUMMARY OF QUANTITIES

PROJECT NO. I-5727 - 52005.3.1 - NHPP-0095(22)124 I-5842 - 53048.3.1 - NHPP-0095(26)125	SHEET NO. <b>6</b>	TOTAL NO.
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PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	1297000000-E	1308000000-E	1330000000-E	1523000000-E	1524200000-E	1575000000-E	1577000000-E	1663000000-E	1840000000-E	7444000000-E	5255000000-N	
												MILLING ASPHALT PAVEMENT, 1.5"DEPTH	MILLING ASPHALT PAVEMENT, 0"TO 1.5"	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	INDUCTIVE LOOP SAWCUT	PORTABLE LIGHTING	
												SY	SY	SY	TON	TON	TON	TON	TON	LF	LF	LS	
		1	I-95 SBL	SOUTH OF SR-1116 TO NORTH OF SR-1309 MP 114.5 TO MP 123.7	1	2	MD	NO	NO	9.20	24	129540	845	400		10885		621					
TOTAL FOR MAP 1										9.20		129540	845	400		10885		621					
		2	I-95 NBL	SOUTH OF SR-1116 TO NORTH OF SR-1309 MP 114.5 TO MP 123.7	1	2	MD	NO	NO	9.20	24	129540		400		10885		621					
TOTAL FOR MAP 2										9.20		129540		400		10885		621					
		3	I-95 SB ENTRANCE RAMP	I-95 TO NC-42	2	1		NO	NO	0.18	15-47	2780				235		14		935			
					3	1		NO	NO	0.19	8	890			75		5						
					6	1		NO	NO	0.02	24	400			35		3						
TOTAL FOR MAP 3										0.39		4070				110		235		8	14	935	
		4	I-95 SB EXIT RAMP	I-95 TO NC-42	2	1		NO	NO	0.11	12-52	1570				135		8		590			
					3	1		NO	NO	0.21	8	980			85		6						
					6	1		NO	NO	0.05	24	1070			90		6						
TOTAL FOR MAP 4										0.37		3620				175		135		12	8	590	
		5	I-95 NB ENTRANCE RAMP	I-95 TO NC-42	2	1		NO	NO	0.20	12-46	2940				250		15		1070			
					3	1		NO	NO	0.17	8	800			70		5						
					6	1		NO	NO	0.02	24	490			45		3						
TOTAL FOR MAP 5										0.39		4230				115		250		8	15	1070	
		6	I-95 NB EXIT RAMP	I-95 TO NC-42	2	1		NO	NO	0.11	12-52	1540				130		8		590			
					3	1		NO	NO	0.17	8	810			70		5						
					6	1		NO	NO	0.04	24	680			60		4						
TOTAL FOR MAP 6										0.32		3030				130		130		9	8	590	
		7	I-95 SB Collector-Distributor Lane	I-95 at I-795	2	1		NO	NO	0.17	12-52	2670				225		13		900			
					4	1		NO	NO	1.06	20-24	14010					1180		68				
					2	1		NO	NO	0.22	15-47	2690					230		14			1150	
TOTAL FOR MAP 7										1.45		19370					1635		95		2050		
		8	I-95 NB Collector-Distributor Lane	I-95 at I-795	2	1		NO	NO	0.12	12-52	1930				165		10		625			
					4	1		NO	NO	0.98	20-24	12630					1065		61				
					2	1		NO	NO	0.27	12-45	3010					255		15			1435	
TOTAL FOR MAP 8										1.37		17570					1485		86		2060		
		9	I-95 SB C-D Lane ENTRANCE RAMP	I-795 to Collector-Distributor Lane	2	1		NO	NO	0.05	22-54	1070				90		6		275			
					4	1		NO	NO	0.46	24	6470					545		32				
					2	1		NO	NO	0.26	4-45	2330					200		12				
TOTAL FOR MAP 9										0.77		9870					835		50		275		
		10	I-95 SB C-D Lane EXIT RAMP	Collector-Distributor Lane TO I-795	2	1		NO	NO	0.13	4-50	1290				110		7					
					4	1		NO	NO	0.29	24	4100					345		20				
					2	1		NO	NO	0.03	22-46	590					50		3			170	
TOTAL FOR MAP 10										0.45		5980					505		30		170		
		11	I-95 SB C-D Lane ENTRANCE LOOP	I-795 to Collector-Distributor Lane	5	1		NO	NO	0.03	24-60	700				60		4		170			
					5	1		NO	NO	0.18	24	2500					210		12				
					2	1		NO	NO	0.16	12-37	1460					125		8				
TOTAL FOR MAP 11										0.37		4660					395		24		170		

## SUMMARY OF QUANTITIES

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5727 - 52005.3.1 - NHPP-0095(22)124 I-5842 - 53048.3.1 - NHPP-0095(26)125	<b>7</b>	

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	1297000000-E	1308000000-E	1330000000-E	1523000000-E	1524200000-E	1575000000-E	1577000000-E	1663000000-E	1840000000-E	7444000000-E	5255000000-N			
												MILLING ASPHALT PAVEMENT, 1.5"DEPTH	MILLING ASPHALT PAVEMENT, 0"TO 1.5"	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.SC	ASPHALT CONC SURFACE COURSE, TYPE S9.SD	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	INDUCTIVE LOOP SAWCUT	PORTABLE LIGHTING			
												SY	SY	SY	TON	TON	TON	TON	TON	LF	LF	LS			
I-5727	WILSON	12	I-95 NB C-D Lane ENTRANCE LOOP	I-795 to Collector-Distributor Lane	2	1		NO	NO	0.03	18-50	540				45		3							
					5	1		NO	NO	0.18	24	2500				210		12							
					2	1		NO	NO	0.08	16-36	880				75		5							
		TOTAL FOR MAP 12										0.29		3920			330		20						
		13	I-95 NB C-D Lane EXIT LOOP	Collector-Distributor Lane TO I-795	2	1		NO	NO	0.08	18-42	930					80		5						
					5	1		NO	NO	0.22	24	3040				255		15							
					2	1		NO	NO	0.02	16-40	370				35		2							
		TOTAL FOR MAP 13										0.32		4340			370		22						
		14	I-95 NB C-D Lane EXIT RAMP	Collector-Distributor Lane TO I-795	2	1		NO	NO	0.12	4-50	1420					120		7						
					4	1		NO	NO	0.29	24	4030				340		20							
					2	1		NO	NO	0.03	22-42	610				55		4			175				
		TOTAL FOR MAP 14										0.44		6060			515		31		175				
		15	I-95 NB C-D Lane ENTRANCE RAMP	I-795 to Collector-Distributor Lane	2	1		NO	NO	0.07	17-55	1370					115		7						
					4	1		NO	NO	0.44	24	6210				525		30							
					2	1		NO	NO	0.24	4-34	2220				190		11							
		TOTAL FOR MAP 15										0.75		9800			830		48		390				
		16	I-95 SB ENTRANCE RAMP	I-95 TO US-264A	2	1		NO	NO	0.18	13-46	2630					225		13						
					3	1		NO	NO	0.22	8	1030			90		6								
					6	1		NO	NO	0.01	24	270			25		2								
		TOTAL FOR MAP 16										0.41		3930			115	225	8	13		960			
		17	I-95 SB EXIT RAMP	I-95 TO US-264A	2	1		NO	NO	0.14	12-52	1880					160		10						
					3	1		NO	NO	0.24	8	1120			95		6								
6	1					NO	NO	0.02	24	450			40		3										
TOTAL FOR MAP 17										0.40		3450			135	160	9	10		720					
18	I-95 NB EXIT RAMP	I-95 TO US-264A	2	1		NO	NO	0.10	12-52	1450					125		8								
			3	1		NO	NO	0.20	8	940			80		5										
			6	1		NO	NO	0.01	24	460			40		3										
TOTAL FOR MAP 18										0.31		2850			120	125	8	8		530					
19	I-95 NB ENTRANCE RAMP	I-95 TO US-264A	2	1		NO	NO	0.27	12-45	3560					300		18								
			3	1		NO	NO	0.21	8	1000			85		6										
			6	1		NO	NO	0.01	24	380			35		3							300			
TOTAL FOR MAP 19										0.49		4940			120	300	9	18		1410	300				
22	I-95 SB EXIT LOOP	I-95 To Collector-Distributor Lane	7	1		NO	NO	0.21	24								8	130							
			TOTAL FOR MAP 22										0.21						8	130					
TOTAL FOR PROJ NO. I-5727										27.90		370770	845	800	1020	30230	71	1750	130	12095	300	1			
I-5842	WILSON	20	I-95 SBL	0.7 MILE NORTH OF SR-1309 TO THE NASH COUNTY LINE MP 123.7 TO MP 124.6	1	2	MD	NO	NO	0.90	24	12680				1065		61							
					TOTAL FOR MAP 20										0.90		12680			1065		61			
					21	I-95 NBL	0.7 MILE NORTH OF SR-1309 TO THE NASH COUNTY LINE MP 123.7 TO MP 124.6	1	2	MD	NO	NO	0.90	24	12680					1065		61			
TOTAL FOR MAP 21										0.90		12680			1065		61								
TOTAL FOR PROJ NO. I-5842										1.80		25360				2130		122							
GRAND TOTAL										29.70		396130	845	800	1020	32360	71	1872	130	12095	300	1			



# THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO. I-5727 - 52005.3.1 - NHPP-0095(22)124 I-5842 - 53048.3.1 - NHPP-0095(26)125	SHEET NO. <b>8</b>	TOTAL NO.
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PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH MI	WIDTH FT	4688000000-E	4688000000-E	4690000000-E	4695000000-E	4702000000-E	4710000000-E	4721000000-E	4725000000-E	4805000000-N	4815000000-E	4815000000-E	4825000000-E	4835000000-E	4845000000-N				
										THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90MILS)	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE II	PAINT PAVEMENT MARKING LINES (6")	PAINT PAVEMENT MARKING LINES (6")	PAINT PAVEMENT MARKING LINES (12")	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING SYMBOL				
										WHITE LF	YELLOW LF	WHITE LF	WHITE LF	WHITE LF	WHITE LF	WHITE *ONLY" EA	WHITE ARROWS EA EA EA	WHITE RAMP ARROW EA	WHITE LF	YELLOW LF	WHITE LF	WHITE LF	WHITE ARROWS EA EA EA				
		1	I-95 SBL	SOUTH OF SR-1116 TO NORTH OF SR-1309 MP 114.5 TO MP 123.7	1	2	MD	9.20	24	43,452	48,580	12,019							60716	48573							
TOTAL FOR MAP 1																			60716	48573							
		2	I-95 NBL	SOUTH OF SR-1116 TO NORTH OF SR-1309 MP 114.5 TO MP 123.7	1	2	MD	9.20	24	43,047	48,580	12,019							60716	48573							
TOTAL FOR MAP 2																			60716	48573							
		3	I-95 SB ENTRANCE RAMP	I-95 TO NC-42	2	1		0.18	15-47	935		234		500			2		768		446			4			
					3	1		0.19	8	995	995								654	994							
					6	1		0.02	24	125	135								82	135							
TOTAL FOR MAP 3																	2		1504	1129	446			4			
		4	I-95 SB EXIT RAMP	I-95 TO NC-42	2	1		0.11	12-52	590		73		600					435		535						
					3	1		0.21	8	1,095	1,095							1	719	1094							
					6	1		0.05	24	270	205		390						177	205			1	1			
TOTAL FOR MAP 4																		1	1		1	1331	1299	535		1	1
		5	I-95 NB ENTRANCE RAMP	I-95 TO NC-42	2	1		0.2	12-46	1,070		268		770					879		687			4			
					3	1		0.17	8	890	890								585	889							
					6	1		0.02	24	110	110								72	110							
TOTAL FOR MAP 5																		2		1536	999	687			4		
		6	I-95 NB EXIT RAMP	I-95 TO NC-42	2	1		0.11	12-52	590		89		470					446		420						
					3	1		0.17	8	905	905								594	904							
					6	1		0.04	24	210	210		120		64				139	211		64	1	1			
TOTAL FOR MAP 6																		1	1		1	1179	1115	420	64	1	1
		7	I-95 SB Collector-Distributor Lane	I-95 at I-795	2	1		0.17	12-52	900		134		730					967		593						
					4	1		1.06	20-24	2,730	5,605								2553	6141							
					2	1		0.22	15-47	1,150		200		700					1262		568			2			
TOTAL FOR MAP 7																		2		4782	6141	1161			2		
		8	I-95 NB Collector-Distributor Lane	I-95 at I-795	2	1		0.12	12-52	625		57		800					689		665						
					4	1		0.98	20-24	2,450	5,190								2474	5116							
					2	1		0.27	12-45	1,435		274		680					1726		564			2			
TOTAL FOR MAP 8																			2		4889	5116	1229			2	
		9	I-95 SB C-D Lane ENTRANCE RAMP	I-795 to Collector-Distributor Lane	2	1		0.05	22-54	275				550					257		447						
					4	1		0.46	24	2,425	2,425								2267	2657							
					2	1		0.26	4-45	1,375		267		620					1535		503			2			
TOTAL FOR MAP 9																			2		4059	2657	950			2	
		10	I-95 SB C-D Lane EXIT RAMP	Collector-Distributor Lane TO I-795	2	1		0.13	4-50	680		113		460					741		373						
					4	1		0.29	24	1,540	1,540								1440	1687							
					2	1		0.03	22-46	170				340					159		276						
TOTAL FOR MAP 10																					2340	1687	649				
		11	I-95 SB C-D Lane ENTRANCE LOOP	I-795 to Collector-Distributor Lane	5	1		0.03	24-60	170				340					159		276						
					5	1		0.18	24		940										1030						
					2	1		0.16	12-37	820		167		310		4	2		924		252						
TOTAL FOR MAP 11																		4	2		1083	1030	528				
		12	I-95 NB C-D Lane ENTRANCE LOOP	I-795 to Collector-Distributor Lane	2	1		0.03	18-50					140							116						
					5	1		0.18	24		940										927						
					2	1		0.08	16-36	410		48		440					462		365						
TOTAL FOR MAP 12																					462	927	481				

I-5727 WILSON





			THERMOPLASTIC AND PAINT QUANTITIES													PROJECT NO.		SHEET NO.	TOTAL NO.			
																I-5727 - 52005.3.1 - NHPP-0095(22)124		11				
																I-5842 - 53048.3.1 - NHPP-0095(26)125						
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	4855000000-E REMOVAL OF PAVEMENT MARKING LINES (6")	4875000000-N REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	4905000000-N SNOWPLOWABLE PAVEMENT MARKERS	4405000000-E WORK ZONE SIGNS (PORTABLE)	4410000000-E WORK ZONE SIGNS (BARRICADE MOUNTED)	4415000000-N FLASHING ARROW BOARD	4420000000-N PORTABLE CHANGEABLE MESSAGE SIGN	4422000000-N PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	4430000000-N DRUMS	4445000000-E BARRICADES (TYPE III)	4480000000-N TMA	4510000000-N LAW ENFORCEMENT	4516000000-N SKINNY DRUM	4650000000-N TEMPORARY RAISED PAVEMENT MARKERS			
						LF	EA	EA	SF	SF	EA	EA	DAY	EA	LF	EA	HR	EA	EA			
I-5727	WILSON	13	I-95 NB C-D Lane EXIT LOOP	Collector-Distributor Lane TO I-795	2																	
		TOTAL FOR MAP 13																				
		14	I-95 NB C-D Lane EXIT RAMP	Collector-Distributor Lane TO I-795	2																	
		TOTAL FOR MAP 14																				
		15	I-95 NB C-D Lane ENTRANCE RAMP	I-795 to Collector-Distributor Lane	2																	
		TOTAL FOR MAP 15																				
		16	I-95 SB ENTRANCE RAMP	I-95 TO US-264A	2			26														
		TOTAL FOR MAP 16						2310														
		17	I-95 SB EXIT RAMP	I-95 TO US-264A	2																	
		TOTAL FOR MAP 17						2510	1													
18	I-95 NB EXIT RAMP	I-95 TO US-264A	2																			
TOTAL FOR MAP 18						2110	1															
19	I-95 NB ENTRANCE RAMP	I-95 TO US-264A	2																			
TOTAL FOR MAP 19						2240																
TOTAL FOR PROJ NO. I-5727						19214	4	1670	601	20	2	3	94	108	48	1	115	72	1371			
I-5842	WILSON	20	I-95 SBL	0.7 MILE NORTH OF SR-1309 TO THE NASH COUNTY LINE MP 123.7 TO MP 124.6	1			60														
		TOTAL FOR MAP 20							60													
		21	I-95 NBL	0.7 MILE NORTH OF SR-1309 TO THE NASH COUNTY LINE MP 123.7 TO MP 124.6	1			60														
TOTAL FOR MAP 21							60															
TOTAL FOR PROJ NO. I-5842							120	67			1	10	12				13	8	152			
GRAND TOTAL						19214	4	1790	668	20	2	4	104	120	48	1	128	80	1523			