



PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

October 31, 2016

Addendum No. 1

RE: Contract ID C203916
WBS # 44797.3.1
F. A. # NHP-0485(044)
Mecklenburg County (I-5960)
I-485 From MM 35.8 To MM 39.7

November 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:

Sheet No.	Revisions
1	Removed note #5 from the list of notes
4	Revised Typical #6 to show the existing island at a lower elevation
5	Revised to remove the details for "Speed Measurement Markings". The sheet is now "Intentionally Blank"
7	Revised the Summary of Quantities to correct the quantity of 6" Cold Applied Plastic Pavement Marking Lines

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 10-31-2016".

Please void the Proposal Cover and staple the revised proposal cover thereto.

On the item sheets the following pay item has been added:

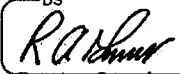
<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
033-477500000-E-1205	Cold Applied Plastic Pavement Marking Lines, Type II (6")	2,298 LF	1,974 LF



The Contractor's bid must be based on this revised pay item quantity. 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,

^{DS}

R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. Lamar Sylvester, PE
Mr. Louis Mitchell, PE
Mr. Rodger Rochelle, PE
Mr. R.E. Davenport, PE
Mr. Ken Kennedy, PE
Ms. Lori Strickland
Ms. Jaci Kincaid
Project File (2)

Mr. Ray Arnold, PE
Ms. Theresa Canales, PE
Mr. Andy Gay, PE
Mr. Mike Gwyn
Mr. Mitchell Dixon
Ms. Marsha Sample
Ms. Penny Higgins

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

PROPOSAL

INCLUDES ADDENDUM No. 1 DATED 10-31-16

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

CONTRACT ID C203916
WBS 44797.3.1

FEDERAL-AID NO. NHP-0485(044)
COUNTY MECKLENBURG
T.I.P. NO. I-5960
MILES 3.971
ROUTE NO. I 485
LOCATION I-485 FROM MM 35.8 TO MM 39.7.

TYPE OF WORK PAVEMENT AND BRIDGE 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 PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

County: Mecklenburg

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0106000000-E	230	BORROW EXCAVATION	490 CY		
0003	1220000000-E	545	INCIDENTAL STONE BASE	120 TON		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	2 SMI		
0005	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	194,012 SY		
0006	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	480 SY		
0007	1330000000-E	607	INCIDENTAL MILLING	4,281 SY		
0008	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	3,733 TON		
0009	1524200000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	34,475 TON		
0010	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	220 TON		
0011	1577000000-E	620	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX	2,338 TON		
0012	1704000000-E	SP	PATCHING EXISTING PAVEMENT	2,640 TON		
0013	1880000000-E	SP	GENERIC PAVING ITEM ULTRA-THIN BONDED WEARING COURSE	7,176 TON		
0014	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	232 SF		
0015	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	314 SF		
0016	4415000000-N	1115	FLASHING ARROW BOARD	3 EA		
0017	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2 EA		
0018	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	60 DAY		

County : Mecklenburg

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	4430000000-N	1130	DRUMS	175	EA	
0020	4445000000-E	1145	BARRICADES (TYPE III)	24	LF	
0021	4480000000-N	1165	TMA	2	EA	
0022	4510000000-N	SP	LAW ENFORCEMENT	300	HR	
0023	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	653	EA	
0024	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	105,933	LF	
0025	4690000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	26,579	LF	
0026	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	925	LF	
0027	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	6,128	LF	
0028	4702000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	1,100	LF	
0029	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	129	LF	
0030	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	8	EA	
0031	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	58	EA	
0032	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	2,224	LF	
0033	4775000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)	1,974	LF	
0034	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	83,268	LF	
0035	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	6,400	LF	

County : Mecklenburg

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0036	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	8	EA	
0037	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	51	EA	
0038	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	2,201	EA	
0039	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0040	6000000000-E	1605	TEMPORARY SILT FENCE	1,490	LF	
0041	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	198	TON	
0042	6012000000-E	1610	SEDIMENT CONTROL STONE	100	TON	
0043	6071010000-E	SP	WATTLE	297	LF	
0044	6071020000-E	SP	POLYACRYLAMIDE (PAM)	18	LB	

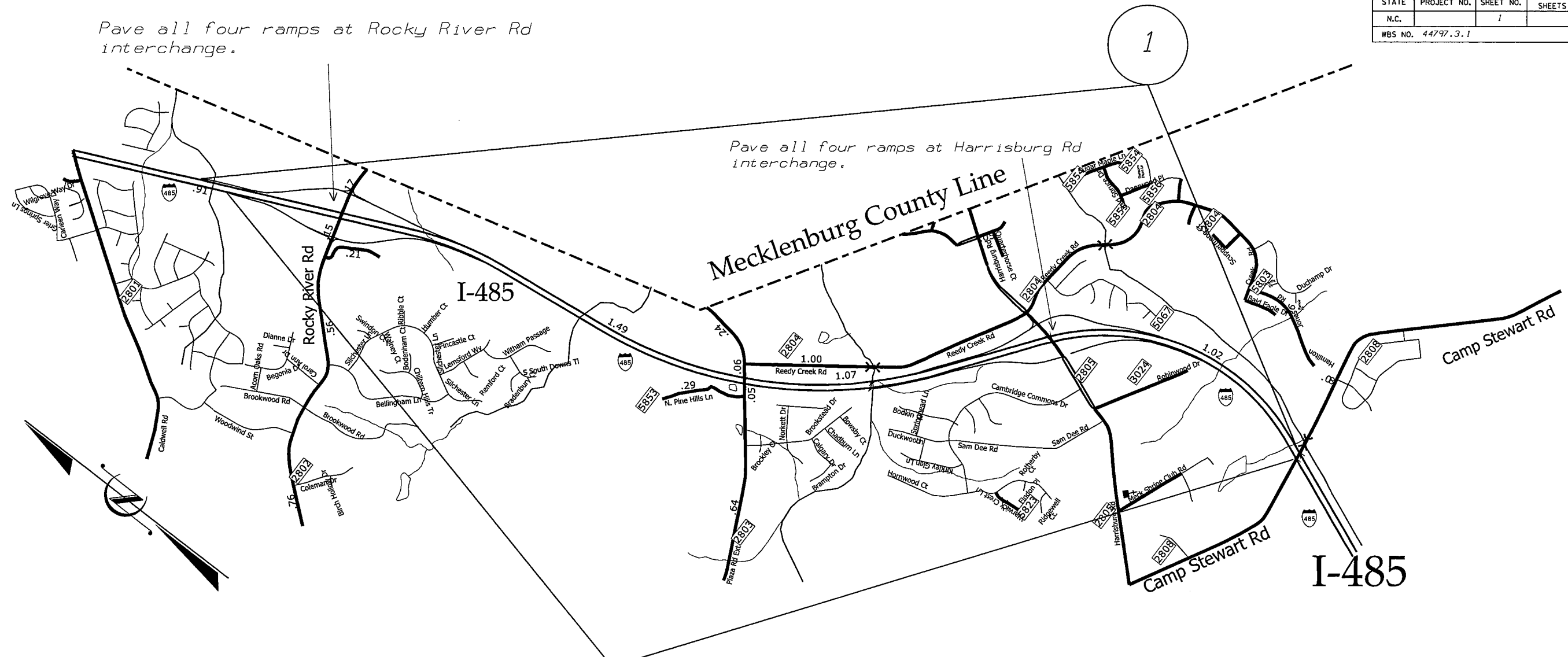
STRUCTURE ITEMS

0045	8692000000-N	SP	FOAM JOINT SEALS	Lump Sum	L.S.	
0046	8882000000-E	SP	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE	184	CF	
0047	8892000000-E	SP	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION	618	SF	
0048	8892000000-E	SP	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY	20	SF	
0049	8892000000-E	SP	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM-MECHANICALLY DISTRIBUTED	44,715	SF	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	
WBS NO. 44797.3.1			

Pave all four ramps at Rocky River Rd interchange.

Pave all four ramps at Harrisburg Rd interchange.



MAP

DESCRIPTION

1 I-485 OUTER LOOP

FROM CAMP STEWART RD (SR 2808) TO END OF ROCKY RIVER RD (SR 2802) ENTRANCE RAMP ACCLERATION LANE

2 I-485 INNER LOOP

FROM BEGINNING OF ROCKY RIVER RD (SR 2802) EXIT RAMP DECELERATION LANE CAMP STEWART (SR 2808) BRIDGE

Notes:

1. Pave all ramps within project limits up to Y line EOT.
2. The contractor shall not disturb the existing milled rumble strips on the shoulders.
3. Incidental milling shall be used at tie-ins for final wearing course.
4. Use a combination of milling and paving techniques within 75' of bridges to mitigate settlement dips in pavement.

I-5960 Interstate 485 Pavement Rehabilitation
Mecklenburg County

SCALE	-NA-
DATE	7/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT



REVISIONS	

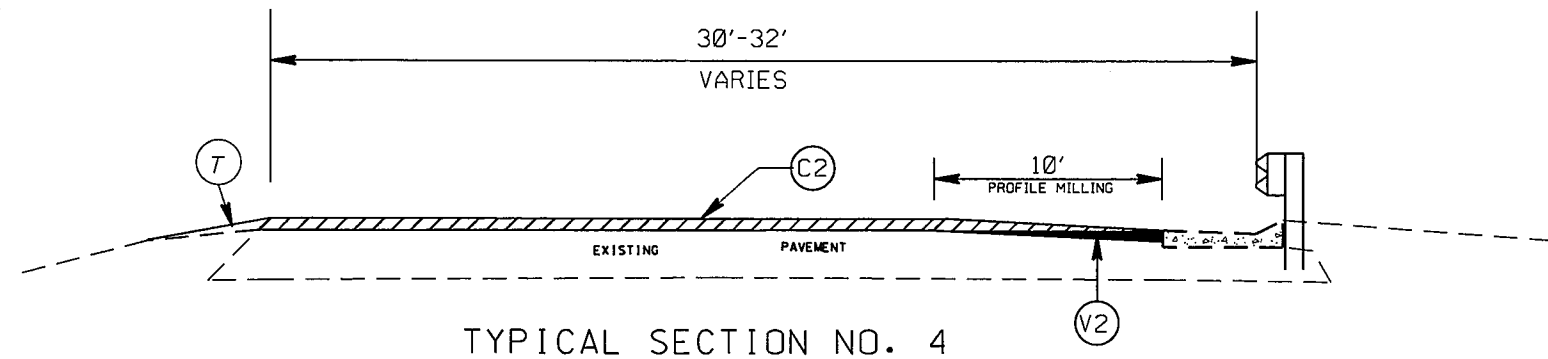
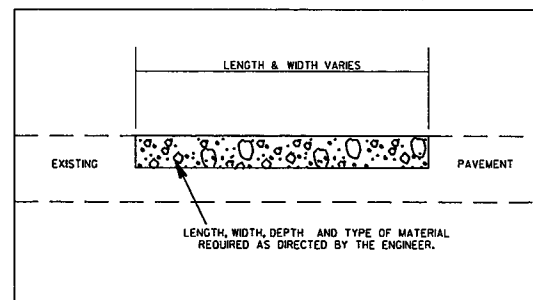
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	
WBS NO. 44797.3J			

Notes:

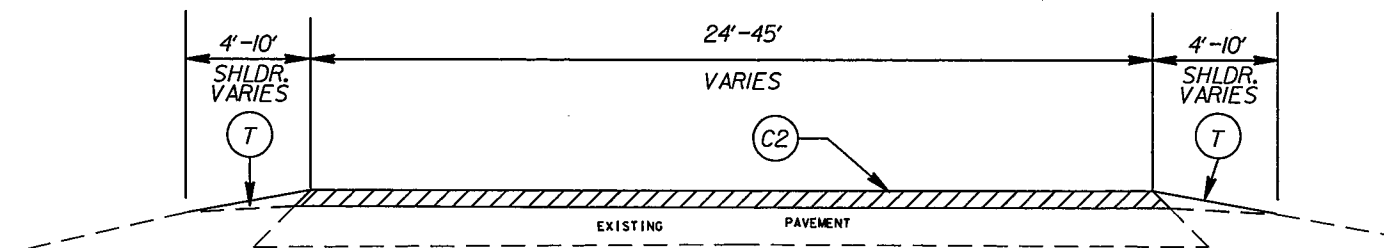
MAINLINE TYPICALS 1-3 INCLUDE ACCELERATION AND DECELERATION LANES FOR THE RAMPS UP TO THE PHYSICAL GORE.

RAMP TYPICALS 4-6 ARE APPLICABLE BETWEEN PHYSICAL GORE AND INTERSECTING Y-LINE EDGE OF TRAVEL.

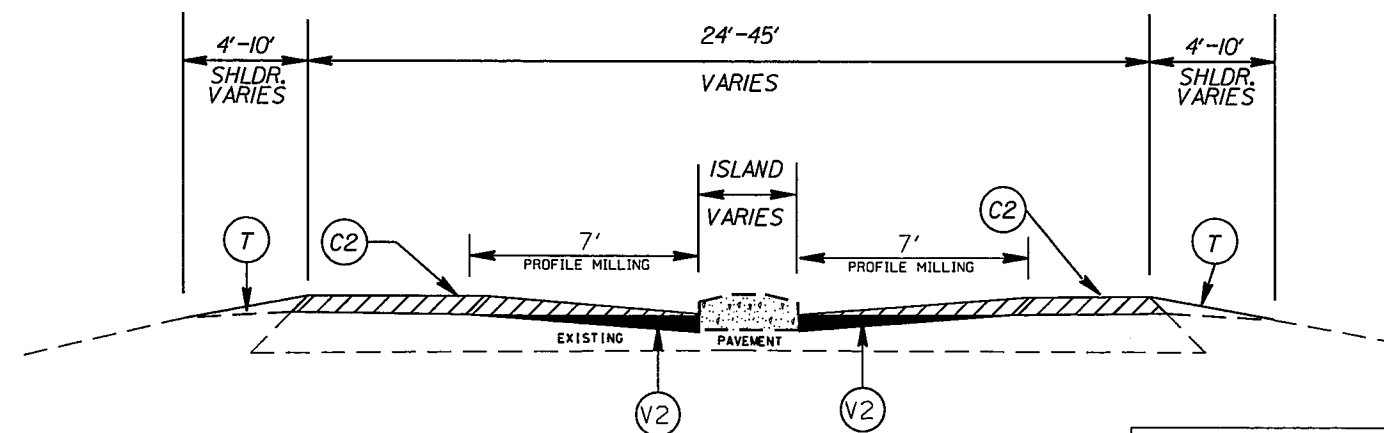
PATCHING DETAIL



TYPICAL SECTION NO. 4



TYPICAL SECTION NO. 5



TYPICAL SECTION NO. 6

PAVEMENT SCHEDULE

B1	PROP. APPROX. 5/8" ULTRATHIN HOT MIX ASPHALT COURSE, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	MILLING 3" DEPTH
V2	PROFILE MILLING, 0" to 1.5" DEPTH
T	SHOULDER RECONSTRUCTION

I-5960 Interstate 485 Pavement Rehabilitation

SCALE	-NA-
DATE	7/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	
WBS NO. 44797.3.1			

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*I-5960 Interstate 485 Pavement Rehabilitation
Mecklenburg County*

SCALE	-HA-
DATE	8/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT



REVISIONS	

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5960 44797.3.1	7	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	3" MILLING SY	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5C TONS	SURFACE COURSE, S9.5D TONS	ASPHALT BINDER FOR PLANT MIX TONS	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ULTRA-THIN BONDED WEARING COURSE TON	PORTABLE LIGHTING EA	TEMP. SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLY-ACRYLAMIDE (PAM) LB
I-5960 44797.3.1	Mecklenburg	1	I-485 OUTER LOOP	FROM CAMP STEWART RD TO END ENTRANCE RAMP FOR ROCKY RIVER RD	1,2,3,4,5,6	3	MD	NO	NO	4.02	42	245	60	1.00	98,344	430	2,332	1,940	17,488	114	1,186	1,100	3,643	*	752	100	50	150	9
		2	I-485 INNER LOOP	FROM BEGIN OF EXIT RAMP FOR ROCKY RIVER RD TO CAMP STEWART RD BRIDGE	1,2,3,5,6	3	MD	NO	NO	3.91	40	245	60	1.00	95,668	50	1,949	1,793	16,987	106	1,152	1,540	3,533		738	98	50	147	9
GRAND TOTAL										7.93		490	120	2	194,012	480	4,281	3,733	34,475	220	2,338	2,640	7,176	1	1,490	198	100	297	18

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4688000000-E		4690000000	4695000000	4700000000	4702000000	4710000000	4721000000-E	4725000000-E				4775000000-E		4905000000-N			
										6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	6" X 120 M WHITE THERMO	8" X 90 M WHITE THERMO	12" X 90 M WHITE THERMO	12" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG ONLY 120 M	THERMO MERGE LT ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO LT ARROW 90 M	THERMO STR & RT ARROW 90 M	6" COLD APPLIED PLASTIC LINE WHITE TYPE II	6" COLD APPLIED PLASTIC LINE YELLOW TYPE II	SNOW PLOWABLE MARKERS		
I-5960 44797.3.1	Mecklenburg	1	I-485 OUTER LOOP	FROM CAMP STEWART RD TO END ENTRANCE RAMP FOR ROCKY RIVER RD	1,2,3,4,5,6	3	MD	4.02	42	26,746	26,707	13,979	591	2,804		68		16	3	5	2			611	376	1,090	
		2	I-485 INNER LOOP	FROM BEGIN OF EXIT RAMP FOR ROCKY RIVER RD TO CAMP STEWART RD BRIDGE	1,2,3,5,6	3	MD	3.91	40	26,240	26,240	12,600	334	3,324	1,100	61		8	9	3	13	3	4	611	376	1,111	
GRAND TOTAL										7.93		52,986	52,947	26,579	925	6,128	1,100	129	8	25	6	18	5	4	1,222	752	2,201
												105,933											58		1,974		