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IP PROIECT

STATE	$\mathbb{OF}$	N	ORT	$\mathbb{H}'$	CAROLINA
DIVI	SIO	V	$\mathbb{OF}$	HIC	GHWAYS

### MECKLENBURG COUNTY

N.C. I-5746 C

STATE PROMICE REPRESENTE NO. SHEETS NO.

LOCATION:

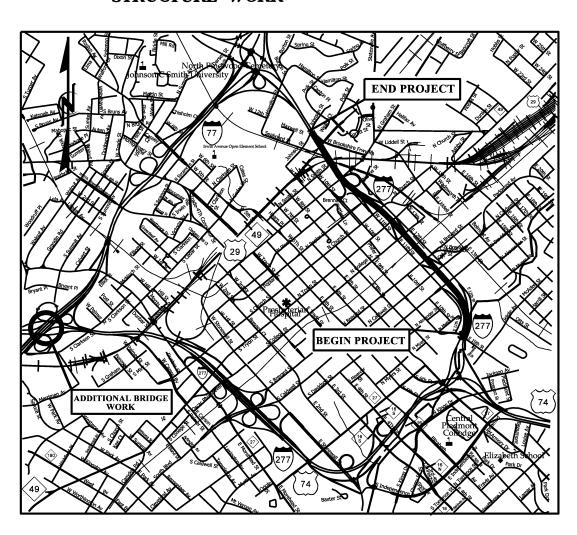
I-277 BROOKSHIRE FRWY, I-77 TO EAST 10TH STREET,

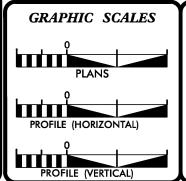
RESURFACE ROADWAY AND REHABILITATE BRÍDGES FROM

JOHNSON STREET TO EAST 10TH STREET

TYPE OF WORK:

MILLING AND PAVING WITH HOT MIX ASPHALT CONCRETE PAVEMENT REPAIR, PAVEMENT MARKINGS SNOWPLOWABLE PAVEMENT MARKERS, AND BRIDGE STRUCTURE WORK





#### 

#### PROJECT LENGTH

LENGTH OF ROADWAY PROJECT 52024.3.4 = 0.918 MILES
LENGTH OF STRUCTURES PROJECT 52024.3.4 = 0.412 MILES
TOTAL LENGTH OF STATE PROJECT 52024.3.4 = 1.33 MILES

## DIVISION OF HIGHWAYS DIVISION 10 2018 STANDARD SPECIFICATIONS RIGHT OF WAY DATE: NA LETTING DATE: JOHN H. EDMONDS PROJECT ENGINEER

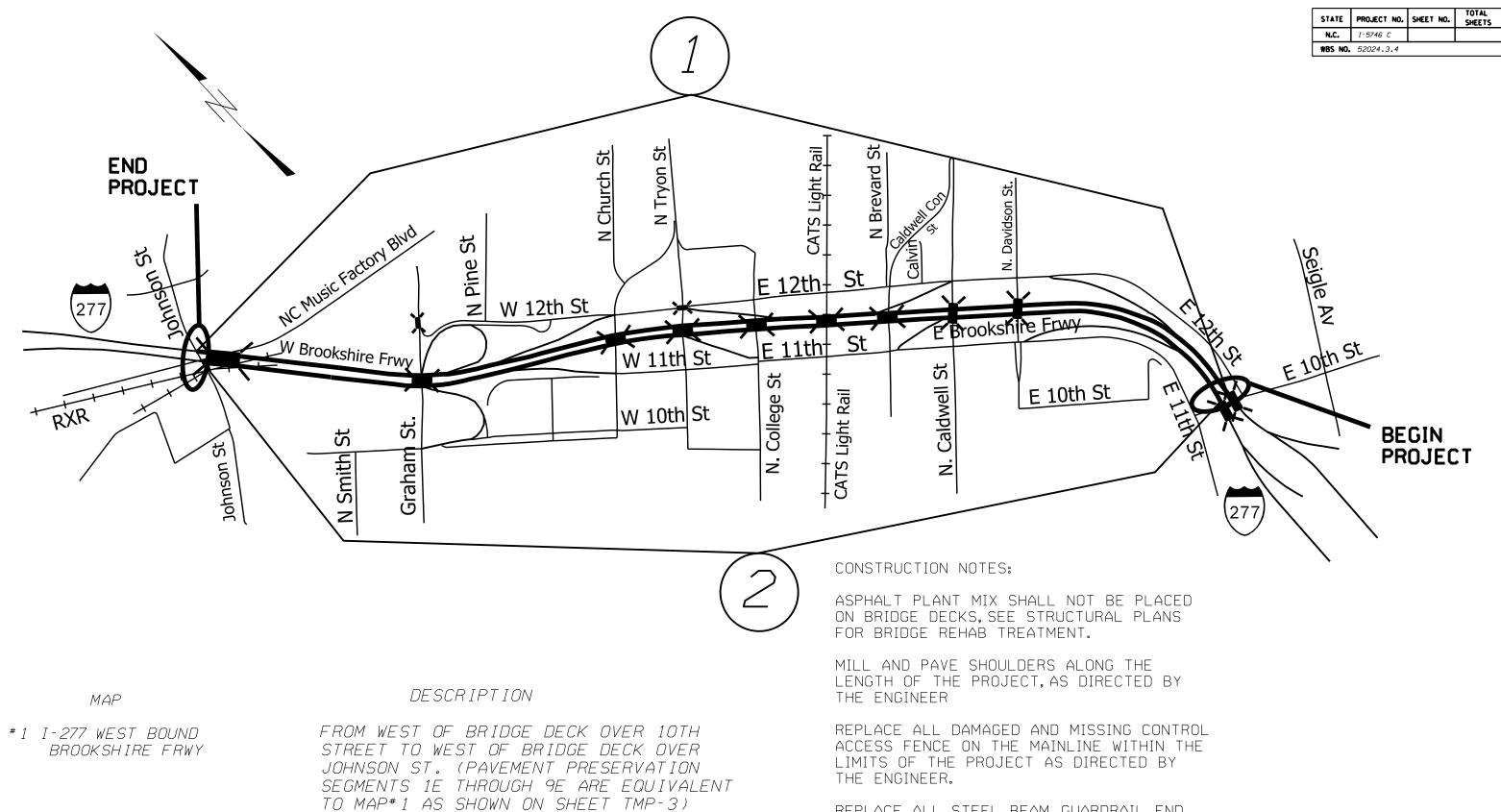
OCTOBER 19,2021

HYDRAULICS ENGINEER

NATURE: P.E.

ROADWAY DESIGN ENGINEER





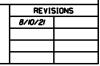
#2 I-277 EAST BOUND BROOKSHIRE FRWY

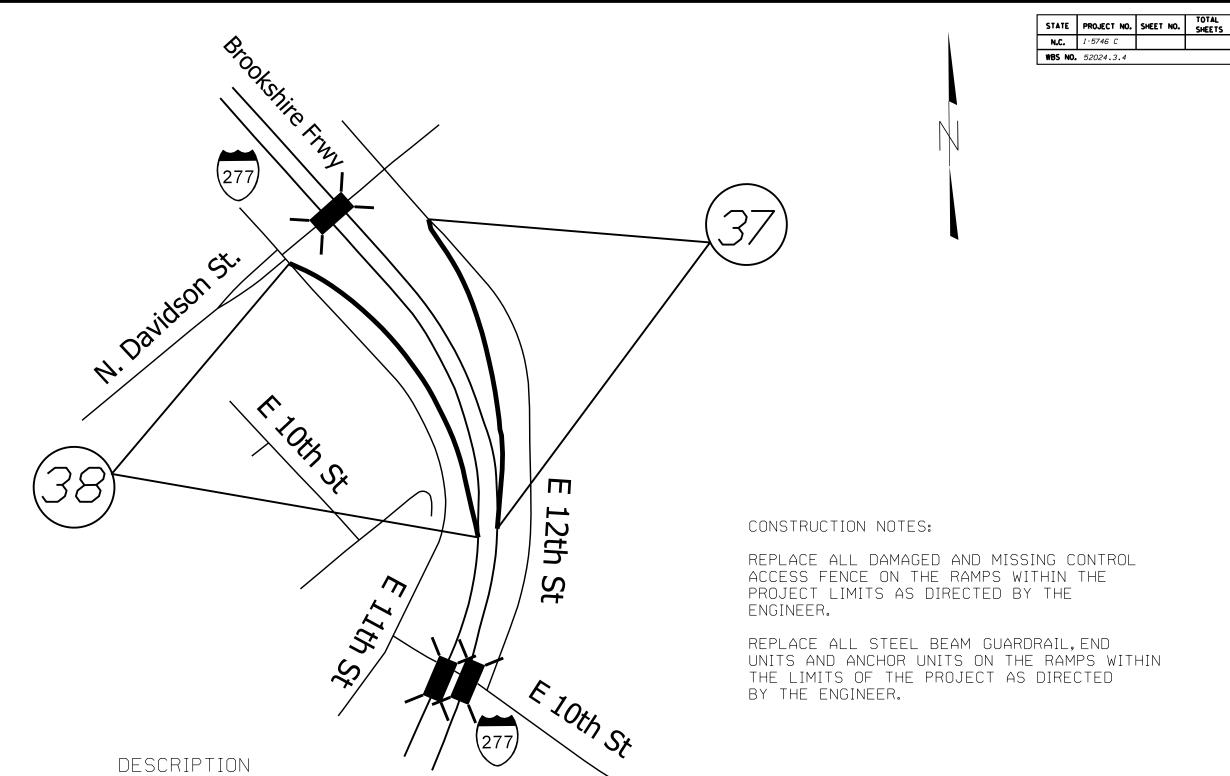
FROM WEST OF BRIDGE DECK OVER JOHNSON ST. TO WEST OF BRIDGE DECK OVER 10TH ST. (PAVEMENT PRESERVATION SEGMENTS 10E THROUGH 18E ARE EQUIVALENT TO MAP#2 AS SHOWN ON SHEET TMP-3) REPLACE ALL STEEL BEAM GUARDRAIL, END UNITS AND ANCHOR UNITS ON THE MAINLINE WITHIN THE LIMITS OF THE PROJECT AS DIRECTED BY THE ENGINEER.

EXISTING CONCRETE ROADWAY SLABS SHALL BE REPAIRED OR REPLACED PRIOR TO THE FINIAL SURFACE OVERLAY, AS DIRECTED BY THE ENGINEER.

I-5746 C INTERSTATE I-277
PAVEMENT REHABILITATION
MECKLENBURG COUNTY







MAP

#37 WB OFF RAMP

#38 EB ON RAMP

FROM END OF PHYSICAL GORE TO ASPHALT PAVEMENT JOINT AT 12TH ST.

DESCRIPTION

FROM BEGINNING OF PHYSICAL GORE AT N. DAVIDSON ST. TO ASPHALT PAVEMENT JOINT AT BOTTOM OF RAMP.

BY THE ENGINEER.

I-5746 C INTERSTATE I-277 PAVEMENT REHABILITATION MECKLENBURG COUNTY

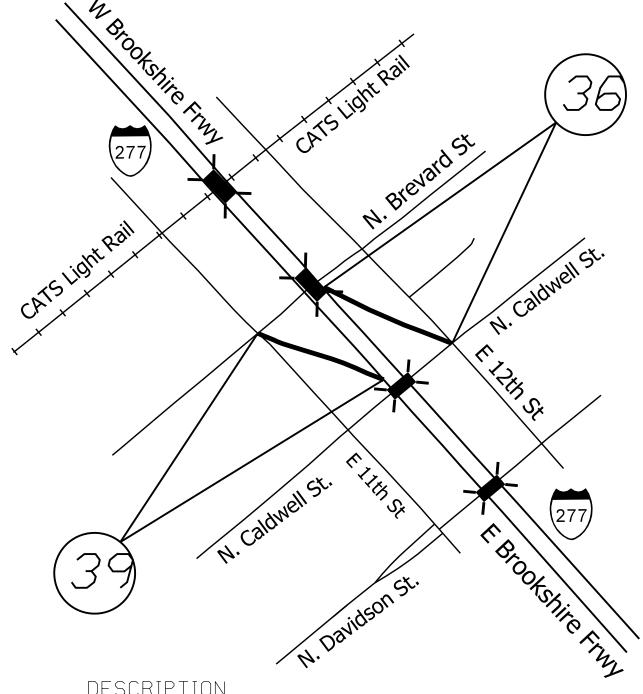
SCALE DATE -NA-4/18 JHE JHE DWG. BY DESIGN BY APPROVED





STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5746 C		
WBS NO.	52024.3.4		





MAP

#36 WB ON RAMP

#39 EB ON RAMP

DESCRIPTION

FROM ASPHALT JOINT AT N. CALDWELL ST TO BEGINNING OF PHYSICAL GORE

FROM N. BREVARD ST TO ASPHALT PAVEMENT JOINT AT TOP OF RAMP

#### CONSTRUCTION NOTES:

REPLACE ALL DAMAGED AND MISSING CONTROL ACCESS FENCE ON THE RAMPS WITHIN THE PROJECT LIMITS AS DIRECTED BY THE ENGINEER.

REPLACE ALL STEEL BEAM GUARDRAIL, END UNITS AND ANCHOR UNITS ON THE RAMPS WITHIN THE LIMITS OF THE PROJECT AS DIRECTED BY THE ENGINEER.

> 1-5746 C INTERSTATE 1-277 PAVEMENT REHABILITATION MECKLENBURG COUNTY

SCALE
DATE
DWG. BY
DESIGN BY 4/18 JHE JHE





STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5746 C		
WBS NO.	52024.3.4		

E Brookshire Kruy MILL & FILL 1.5" DEPTH FROM CONCRETE JOINT TO INTERSECTION

CONSTRUCTION NOTES:

REPLACE ALL DAMAGED AND MISSING CONTROL ACCESS FENCE ON THE RAMPS WITHIN THE PROJECT LIMITS AS DIRECTED BY THE ENGINEER.

REPLACE ALL STEEL BEAM GUARDRAIL, END UNITS AND ANCHOR UNITS ON THE RAMPS WITHIN THE LIMITS OF THE PROJECT AS DIRECTED BY THE ENGINEER.

MAP

DESCRIPTION

#35 WB OFF RAMP

FROM ASPHALT PAVEMENT JOINT TO BRIDGE DECK OVER N.TRYON ST

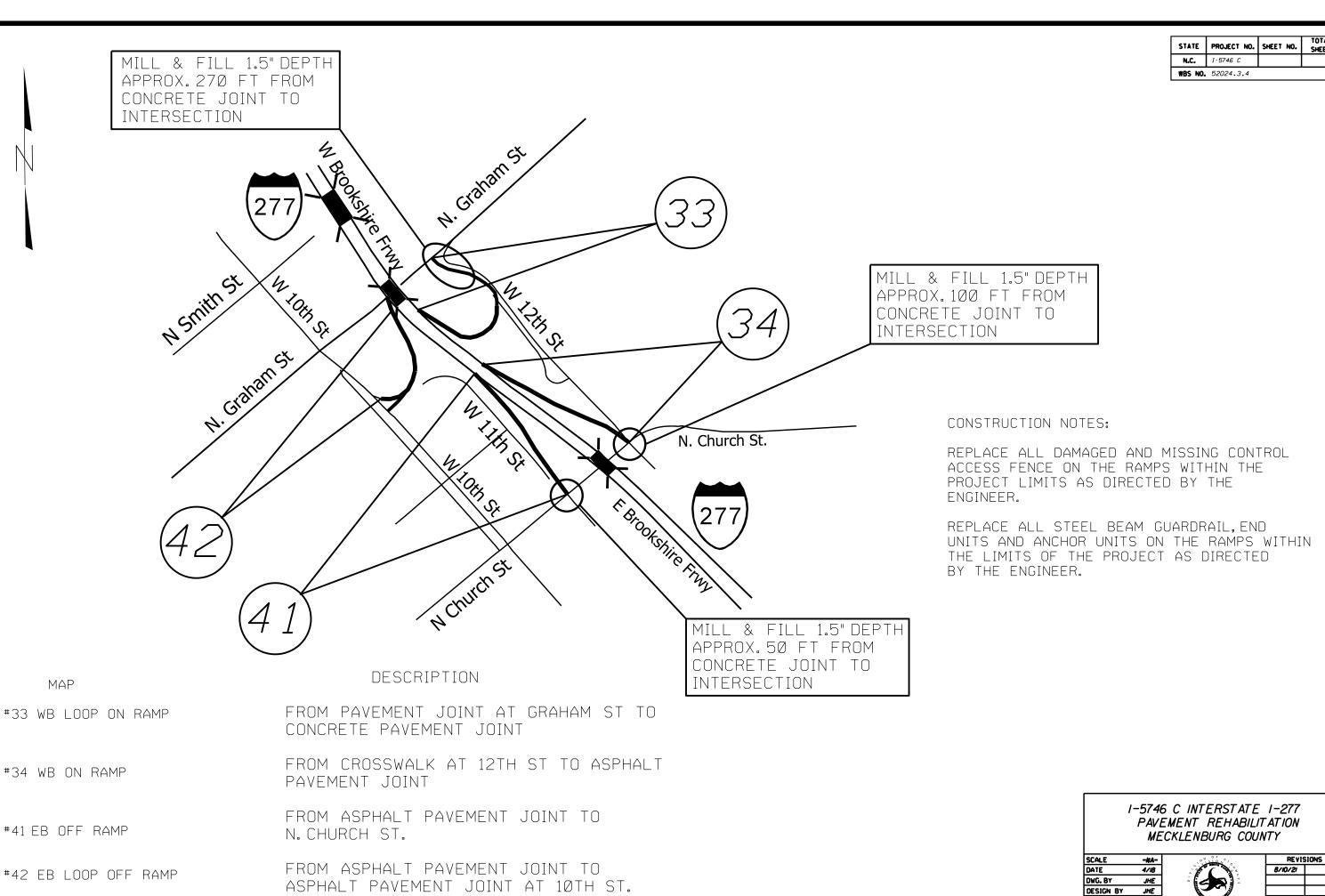
#40 EB OFF RAMP

FROM ASPHALT PAVEMENT JOINT AT TOP OF RAMP TO N. COLLEGE ST

SCALE	-NA-
DATE	4/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	

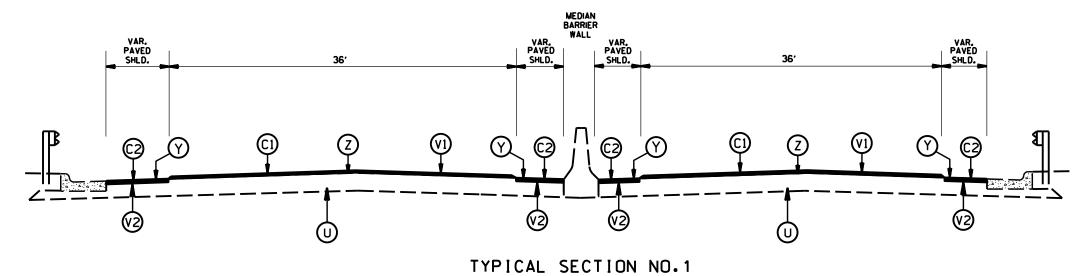


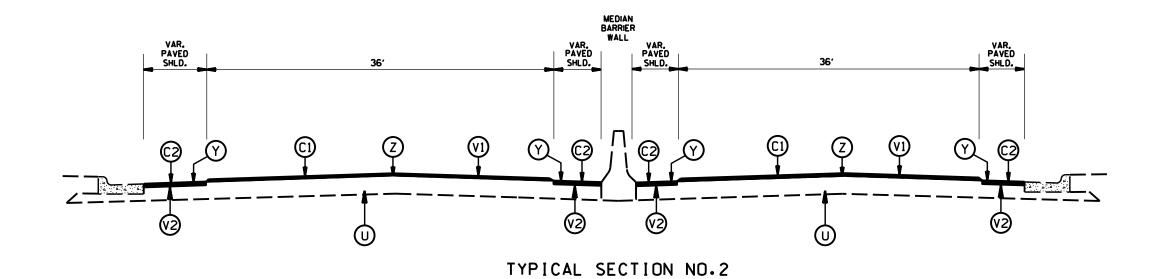




	PAVEMENT SCHEDULE
A1	APPROX. 12" PCC SLAB REPAIR IN VARIOUS LOCATIONS
A2	PATCHING CONCRETE PAVEMENT SPALLS IN VARIOUS LOCATIONS
C1	APPROX. 5/8" ULTRA-THIN BONDED WEARING COURSE, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C2	APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V1	FINE MILLING 5/8" DEPTH
V2	MILLING 1.5" DEPTH
Y	MILLED RUMBLE STRIPS
Z	JOINT CONSTRUCTION REPAIR AND SEALING

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1-5746 C		
WRS NO.	52024.3.4.		





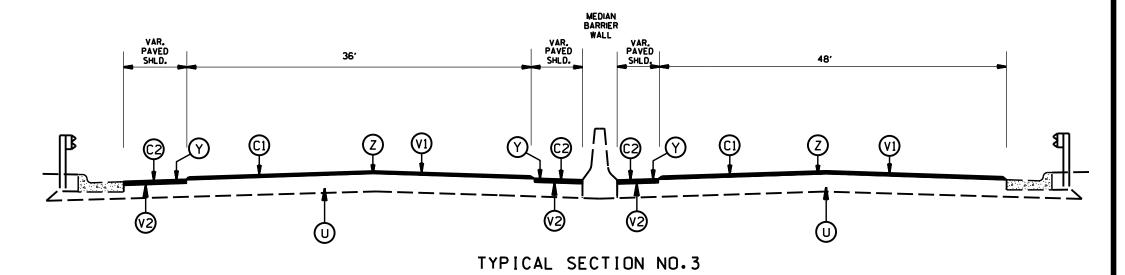
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DATE	4/18
DWG. BY	JHE
DESIGN BY	JHE
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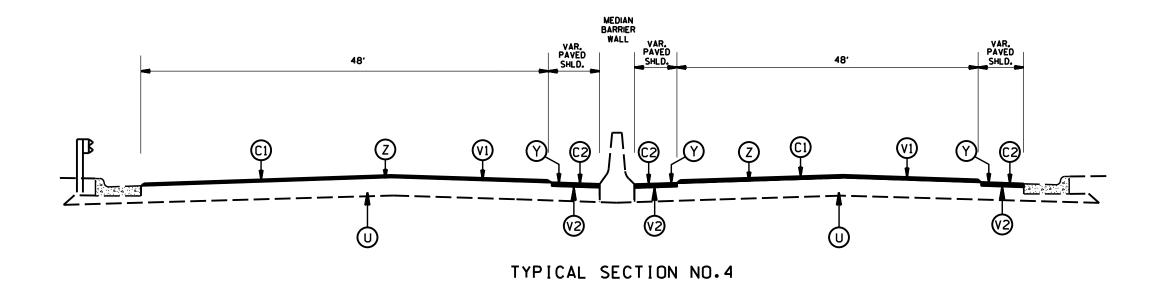


REVISIONS				
8/10/21				

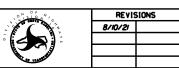
	PAVEMENT SCHEDULE
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Z	JOINT CONSTRUCTION REPAIR AND SEALING

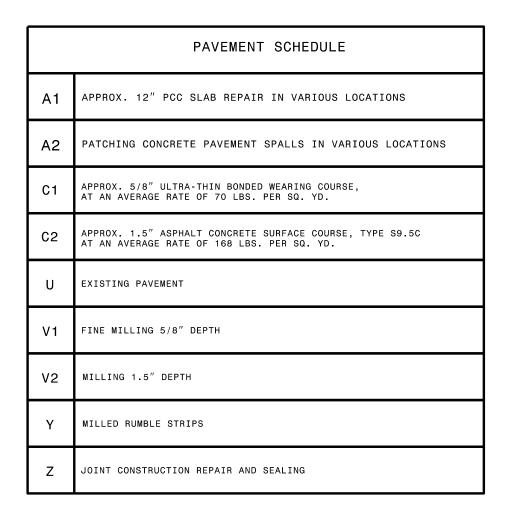
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5746 C		
WBS NO.	52024.3.4,		

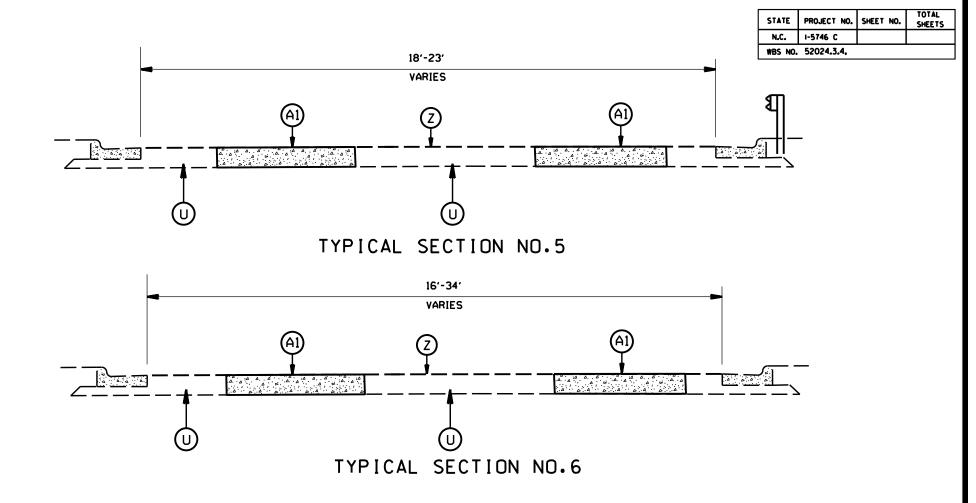


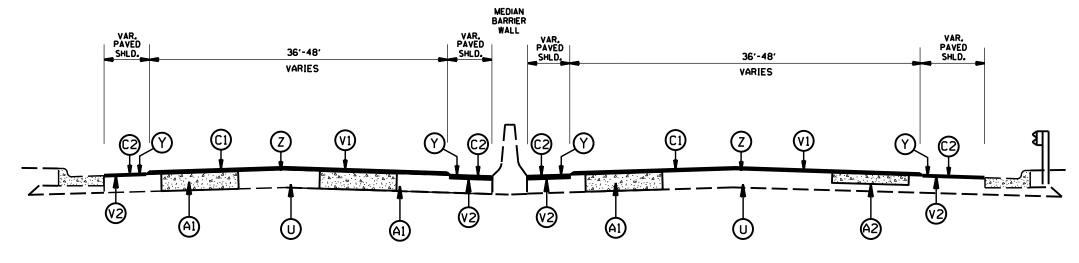


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DATE	4/18	
DWG. BY	JHE	
DESIGN BY	JHE	
ADDDOVED		







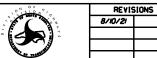


TYPICAL SECTION NO.7

#### CONSTRUCTION NOTE:

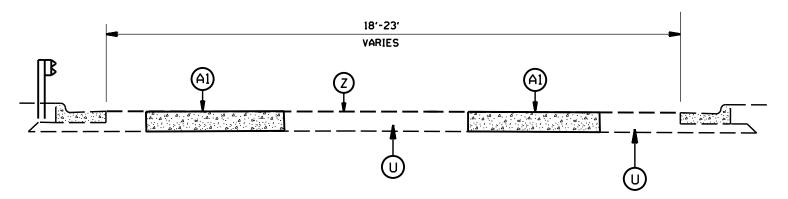
REFER TO NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROCEDURES MANUAL FOR PARTIAL AND FULL DEPTH REPAIR OF PORTLAND CEMENT CONCRETE PAVEMENT.

SCALE	-NA-
DATE	4/18
DWG. BY	JHE
DESIGN BY	JHE
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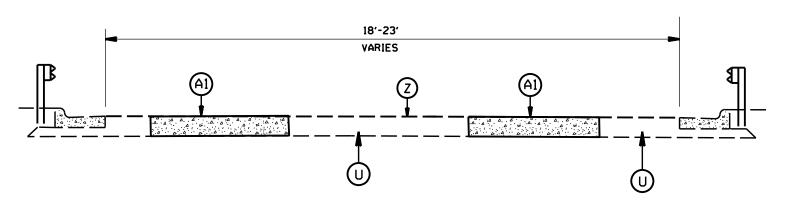


	PAVEMENT SCHEDULE								
A1	APPROX. 12" PCC SLAB REPAIR IN VARIOUS LOCATIONS								
A2	PATCHING CONCRETE PAVEMENT SPALLS IN VARIOUS LOCATIONS								
C1	APPROX. 5/8" ULTRA-THIN BONDED WEARING COURSE, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.								
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U	EXISTING PAVEMENT								
V1	FINE MILLING 5/8" DEPTH								
V2	MILLING 1.5" DEPTH								
Υ	MILLED RUMBLE STRIPS								
Z	JOINT CONSTRUCTION REPAIR AND SEALING								

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5746 C		
WRS NO	52024 3.4		



TYPICAL SECTION NO.8



TYPICAL SECTION NO.9

#### CONSTRUCTION NOTE:

REFER TO NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROCEDURES MANUAL FOR PARTIAL AND FULL DEPTH REPAIR OF PORTLAND CEMENT CONCRETE PAVEMENT.

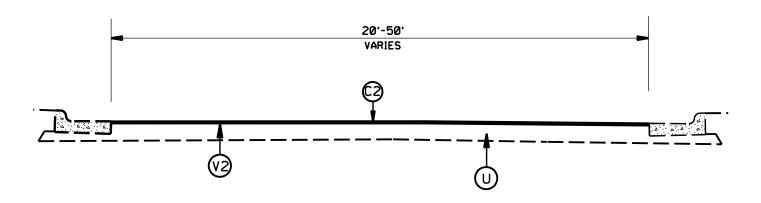
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DATE	4/18
DWG. BY	JHE
DESIGN BY	JHE



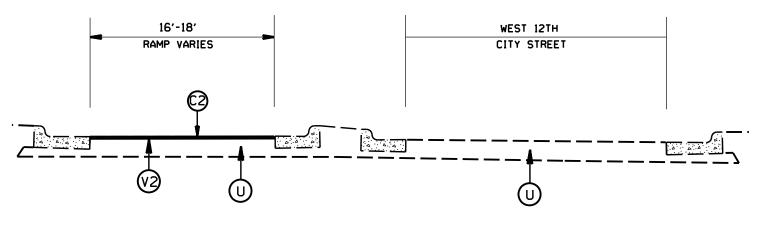


	PAVEMENT SCHEDULE
A1	APPROX. 12" PCC SLAB REPAIR IN VARIOUS LOCATIONS
A2	PATCHING CONCRETE PAVEMENT SPALLS IN VARIOUS LOCATIONS
C1	APPROX. 5/8" ULTRA-THIN BONDED WEARING COURSE, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
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STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5746 C		
WBS NO.	52024.3.4.		



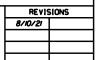
TYPICAL SECTION NO.10 RAMPS



TYPICAL SECTION NO.11 RAMP AND STREET

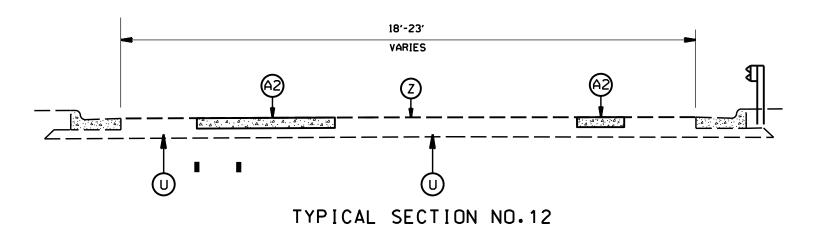
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DATE	4/18	
DWG. BY	JHE	
DESIGN BY	JHE	

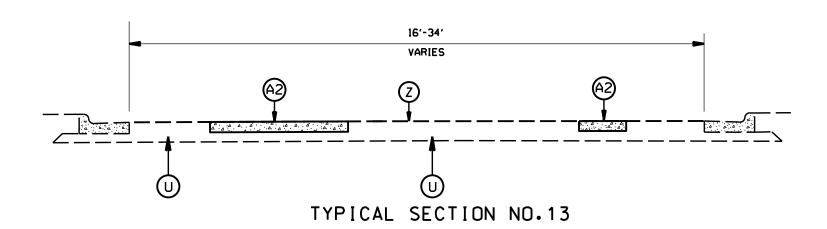




	PAVEMENT SCHEDULE
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STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5746 C		
WRS NO.	52024.3.4.		

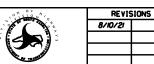




#### CONSTRUCTION NOTE:

REFER TO NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROCEDURES MANUAL FOR PARTIAL AND FULL DEPTH REPAIR OF PORTLAND CEMENT CONCRETE PAVEMENT.

SCALE	-NA-	
DATE	4/18	
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DESIGN BY	JHE	



PROJECT NO.	SHEET NO.	TOTAL NO.
I-5746C	12	
52024.3.4	15	

										1891000000-E	1297000000-E	1523000000-E	1575000000-E	1577000000-E	1735000000-E	1736000000-E	1737000000-E	1839140000-E	1840000000-E	188100000-E	1882000000-E	2845000000-N
PROJECT NO	COUNTY	MAP NO ROUTE	DESCRIPTION	TYP NO	LANES	LANE FINAL TYPE SURFACE TESTING REQUIRE	REQUIRED	LENGTH	WIDTH		1.5" MILLING		ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS	SELECT MATERIAL, CLASS IV	PATCHING CONCRETE PAVEMENT SPALLS	ULTRA-THIN BONDED WEARING COURSE	MILLED RUMBLE STRIPS	JOINT	STRUCTURAL FOAM FILL	ADJ. OF METER OR VALVE BOX
$\vdash$								MI	FT	SY	SY	TONS	TONS	TONS	SY	TON	SF	TON	LF	LF	GAL	EA
E2024 2 4	Mecklenburg	1 I-277 WB BROOKSHIRE FRWY	FROM 10TH ST. TO JOHNSON ST (MP 2.72 TO MP 4.04)	1,2,3,4,7	3	NO	NO	1.32	42	22,578	5,079	517	31	48	400	810	164	956	8,395	48,893	100	
32024.3.4		1 I-277 WB BROOKSHIRE FRWY TAL FOR MAP NO. 1	2.72 TO WF 4.04)	1,2,3,4,7	3	NO	INO	1.32		22,578	5,079	517	31	48	400	810	164	956	8,395	48,893	100	+
T											5,010	<u> </u>							5,000	10,000		1
1 '			FROM JOHNSON ST BRIDGE TO 10TH																			
52024.3.4	Mecklenburg		ST BRIDGE (MP 0.38 TO MP 1.69)	1,2,3,4,7	3	NO	NO	1.32	42	21,013	4,272	435	26	45	400	810	164	890	7,257	48,893	100	
<b>├</b> ──	тот	TAL FOR MAP NO. 2						1.32		21,013	4,272	435	26	45	400	810	164	890	7,257	48,893	100	+
1 '			FROM PAVEMENT JOINT AT GRAHAM																			
52024.3.4	Mecklenburg	33 WB LOOP ON RAMP	ST TO CONCRETE PAVEMENT JOINT	6,11	1	NO	NO	0.065	17		648	66	4		121	246				1,767		
<u> </u>		AL FOR MAP NO. 33						0.065			648	66	4		121	246	0			1,767	0	1
			FROM CROSSWALK AT 12TH ST TO																			
52024.3.4	Mecklenburg		ASPHALT PAVEMENT JOINT	5,6,10	1	NO	NO	0.08	16		187	19	2		64	129		1	<del>                                     </del>	1,223		<del></del>
<u> </u>	TOTA	AL FOR MAP NO. 34	<del> </del>				1	0.08	-		187	19	2	1	64	129	0	1	+	1,223	0	+
			FROM ASHALT PAVEMENT JOINT TO																			
52024.3.4	Mecklenburg	35 WB OFF RAMP	BRIDGE DECK OVER N. TRYON ST	5,6	1	NO	NO	0.048	16						80	153				830		
		AL FOR MAP NO. 35						0.048							80	153	0			830	0	
			FROM CONCRETE JOINT AT N. CADWELL ST TO BEGINNING OF																			
52024.3.4	Mecklenburg	36 WB ON RAMP	PHYSICAL GORE	6,12,13	1	NO	NO	0.057	16						40	81	163			955		
		AL FOR MAP NO. 36						0.057							40	81	163			955	0	
			FROM END PHYSICAL GORE TO ASPHALT PAVEMENT JOINT AT 12TH																			
52024.3.4	Mecklenburg	37 WB OFF RAMP	ST	5,6,12,13	1	NO	NO	0.12	16								180			2,100		
		AL FOR MAP NO. 37						0.12									180			2,100	0	
			FROM BEGINNING OF PHYSICAL GORE AT N. DAVIDSON ST TO ASPHALT PAVEMENT JOINT AT																			
52024.3.4	Mecklenburg		BOTTOM OF RAMP	6,8	1	NO	NO	0.169 <b>0.169</b>	16						250 <b>250</b>	510	•		1	2,926 <b>2,926</b>	100 100	+
<del>                                     </del>	1017	AL FOR MAP NO. 38						0.169	1						250	510	0		+	2,926	100	+
52024.3.4	Mecklenburg		FROM PHYSICAL GORE AT N. BREVARD ST TO ASPHALT PAVEMENT JOINT AT TOP OF RAMP	5	1	NO	NO	0.041	16						350	705				677		
<u> </u>	тоти	AL FOR MAP NO. 39						0.041							350	705	0			677	0	
			FROM ASPHALT PAVEMENT JOINT AT																1			1
52024.3.4	Mecklenburg	40 EB OFF RAMP	TOP OF RAMP TO N. COLLEGE ST	6,9,10	1	NO	NO	0.055	17		345	35	2		310	633			1	927	100	1
		AL FOR MAP NO. 40	3. 2	-,-,-0			1	0.055			345	35	2		310	633	0	1	1	927	100	
, , , , , , , , , , , , , , , , , , ,			FROM ASPHALT PAVEMENT JOINT TO																			1
52024.3.4	Mecklenburg		N CHURCH ST	6,10,12,13	1	NO	NO	0.083	21		77	8	1		80	165	329		1	2,073		1
<u> </u>	TOTA	AL FOR MAP NO. 41						0.083	1		77	8	1		80	165	329	ļ	-	2,073	0	1
			FROM ASHALT PAVEMENT JOINT AT 10TH																			
52024 3 4	Mecklenburg	42 EB LOOP OFF RAMP	ASPHALT PAVEMENT JOINT AT 10TH ST.	6	1	NO	NO	0.094	25						115	231			1	2,280		1
32024.3.4		AL FOR MAP NO. 42	51.		-	1,0	110	0.094	23					1	115	231	0	1	1	2,280		<del>                                     </del>
52024.3.4		43 NONE INTERSTATE STREETS	ALL UNDER PASS STREETS		2	NO	NO	0.25	44											,		
		AL FOR MAP NO. 43						0.25														
1	TOTAL F	OR PROJ NO. 52024.3.4						3.702		43,591	10,608	1,080	66	93	2,210	4,473	1,000	1,846	15,652	113,544	400	1
<u> </u>			1				1					<u> </u>		L			<u> </u>		1			
1				1		ı	1	3.702	1	43,591	10,608	1,080		93	1	1	1,000	1,846	15,652	113,544	400	1
<del></del>													66		2,210	4,473						

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5746C	14	
52024.3.4	14	

#### SUMMARY OF QUANTITIES

									303000000-Е	3210000000-N	3287000000-N	3317000000-N	3360000000-E	3533000000-	3539000000-F	3545000000-E		460000000-N		5255000000-N	600000000-E	6029000000-E	6071010000-E	6117500000-N	7444000000-E			
Part	PROJECT NO	COUN	TY MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES LA	ANE FINAL	WARM MIX	LENGTH	WIDTH	STEEL BEAM	GUARDRAIL	GUARDRAIL	GUARDRAIL	REMOVE	CHAIN LINK	METAL LINE	METAL	INTERSTATE	RAMP/LOOP	STREET LANE	PORTABLE	TEMPORARY	SAFETY FENCE	WATTLE	CONCRETE	INDUCTIVE
Married   Marr							T	YPE SURFACE	ASPHALT			GUARDRAIL	END UNITS, CA	Γ- END UNITS, TYPE	ANCHOR	EXISTING	FENCE, 60"	POSTS FOR 60"	TERMINAL	LANE	CLOSURE	CLOSURE	LIGHTING	SILT FENCE			WASHOUT	LOOP SAWCUT
Part													1	TL-3		GUARDRAIL	FABRIC			CLOSURE							STRUCTURE	
March   Marc								REQUIRED	)						77			FENCE										
Section   Sect																												
Signature   1   170										MI	FT	LF	EA	EA	EA	LF	LF	EA	EA	EA	EA	EA	LS	LF	LF	LF	EA	LF
This content is a content of the c	5000404				•					4.00	40									205				200	450	200		
Page	52024.3.4	Mecklen			2.72 TO MP 4.04)	1,2,3,4,/	3	NO	NO		42										-	-					3	
Minimum   Part			TOTAL FOR MAI	, NO. 1					-	1.32										306			4	300	150	200	3	
Minimum   Part					EPOM JOHNSON ST BRIDGE TO 10TH																							
The content of the	E2024 2 4	Mocklon	hura 2	I 277 ED DDOOKSHIDE EDWAY			2	NO	NO	1 22	42									206				200	150	200	2	
Second   S	32024.3.4				31 BRIDGE (IMF 0.38 TO IMF 1.09)	1,2,3,4,7	3	NO	NO		42										1	1					3	
Second Content			I	110.2					+	1.52										300				300	150	200		
Second Content					FROM PAVEMENT JOINT AT GRAHAM																							
State   Stat	52024 3 4	Mecklen	hurg 33	WR LOOP ON RAMP		6 11	1	NO	NO	0.065	17										9			100	50	100	1	
MODIFICATION   MODI	3202				5. 12 30.10.12.17.12.11.241 30.141	0,11					1	1									9	1	1				1	
Second   S			1		FROM CROSSWALK AT 12TH ST TO			1	1	1	<b>†</b>	1									<del>  </del>	1	1		1		<u> </u>	
TOTAL FOR MANDE AND   STANDAM AND	52024.3.4	Mecklen	burg 34	WB ON RAMP		5,6,10	1	NO	NO	0.08	16										9	1		100	50	100	1	
2024-34   Medicinent   31												1									9		1				1	
SCHILLAND   STATE																							1					
TOTAL FOR MATERIAL PLANE   FROM CONCRETE PLANE AT 1   1   1   1   1   1   1   1   1   1					FROM ASHALT PAVEMENT JOINT TO																							
Figure   F	52024.3.4	Mecklen	burg 35	WB OFF RAMP	BRIDGE DECK OVER N. TRYON ST	5,6	1	NO	NO	0.048	16										9			100	50	100	1	
Second Continue			TOTAL FOR MAP	NO. 35						0.048											9			100	50	100	1	
2001-14   Medientury   27   Medientury   27   Medientury   27   Medientury   28   Europh Mahre   27   Medientury   28   Europh Mahre   27   Medientury   29   Europh Mahre   27   Medi					FROM CONCRETE JOINT AT N.																							
TOTAL FOR MAN NO. 38  TOTAL PORT AND RESONANCE COME TO MAN STANDARD COME					CADWELL ST TO BEGINNING OF																							
Amount   Property	52024.3.4	Mecklen	burg 36	WB ON RAMP	PHYSICAL GORE	6,12,13	1	NO	NO	0.057	16										9			100	50	100	1	
\$2024.3.4 Medienburg 37 W8 OFF RAMP  STOCK AT PROMETER PROMETER CORN AT PR			TOTAL FOR MAP	NO. 36						0.057											9			100	50	100	1	
SQUALAGE   Medicinating   Total Formation   To																												
TOTAL FOR MAP NO. 37    FIGUR SCIENTING OF PINSCIAL																							*					
STOCK ALT PAYMENT CAN FOR AGE CONNECT OF PARAPY   STOCK ACCORDED TO A CONNECT OF PAR	52024.3.4				ST	5,6,12,13	1	NO	NO		16										10						1	
CORR AT N. DAMINOR STOTAL ASPHICAT PROVEMENT SOUTH TO A SPHILAT PROVEMEN			TOTAL FOR MAP	NO. 37						0.12											10			100	50	100	1	
2004.3.4 Meditenburg 38 EB ON RAMP BOTTOM PEANIP 5 1 NO NO 0.159 15 1 NO NO 0.055 17 TOTAL FOR MAN PO. 38																												
10   300   50   150   1																												
TOTAL FOR MAP NO. 38  FROM PITSICAL GORE AT N. BREYNARD TO AGRINAIT PAVEMENTS BREYNARD TO AGRINAIT PAVEMENT JOINT AT TOP OF RAMP  5.2024.3.4 Meddlenburg 10 EB ON RAMP JOINT AT TOP OF RAMP 5 1 NO NO 0.051 17  5.2024.3.4 Meddlenburg 40 EB OF RAMP TO TOTAL FOR MAP NO. 49  TOTAL FOR MAP NO. 41 RE OF RAMP NO. 42 NO. 6058 1 NO. NO. 0.058 2 NO. 85 N																												
FROM PHYSICAL GORE AT N. BEVLARDS TO ASPHALT PAVEMENT 52024.3.4 Mecklerburg 39 EB ON RAMP JOINT ATTOP CRAMP 5 1 NO NO 0.041 16 52024.3.4 Mecklerburg 40 EB DOF RAMP TOTAL FOR MAP NO. 49 TOTAL FOR MAP NO. 49 TOTAL FOR MAP NO. 40 TOTAL FOR MAP NO. 41 TOTAL FOR MAP NO. 40 TOTAL FOR MAP NO. 41 TOTAL FOR MAP NO. 42 TOTAL FOR MAP NO. 43 TOTAL FOR MAP NO. 43 TOTAL FOR MAP NO. 42 TOTAL FOR MAP NO. 43 TOTAL FOR MAP NO. 40 TOTAL FOR MAP NO. 43 TOTAL FOR MAP	52024.3.4				BOTTOM OF RAMP	6,8	1	NO	NO																		1	
S2024.3.4   Mecklenburg   39   EB ON RAMP   JOINT AT 170P OF RAMP   S   1   NO   NO   0.041   15   15   15   15   15   15   15			TOTAL FOR MAP	NO. 38	<u> </u>				+	0.169											10	-		300	50	150	1	
S2024.3.4   Mecklenburg   39   EB ON RAMP   JOINT AT 170P OF RAMP   S   1   NO   NO   0.041   15   15   15   15   15   15   15					FROM BUILDING AT AL																							
S2024.34   Mecklenburg   39   EB ON RAMP   JOINT AT TOP OF RAMP   5   1   NO   NO   0.041   16   15   10   15   15																												
TOTAL FOR MAP NO. 39    Column   Column	E2024 2 4	Mocklon	hura 20	ED ON DAMP			1	NO	NO	0.041	16										20			200	E0.	150	1	
S2024.3.4   Mecklenburg   40   EB OFF RAMP   TOP OF RAMP TO N. COLLEGE ST   C, 9,10   1   NO   NO   0,055   17   200   300   50   150   1   200   1   200   1   200   1   200   1   200   1   200   1   200   1   200   1   200   1   200   200   1   200	52024.5.4				JOINT AT TOP OF RAIMP	3	1	NO	NO														-				1	
S2024.3.4   Mecklenburg   40   EB OFF RAMP   TOP OF RAMP TO N. COLLEGE ST   6,9,10   1   NO   NO   0.055   17	<del>                                     </del>		- STALTON WAP		†	1	+	+	+	5.541	<del>                                     </del>											<del>                                     </del>	1	300	30	130	<del>                                     </del>	1
S2024.3.4   Mecklenburg   40   EB OFF RAMP   TOP OF RAMP TO N. COLLEGE ST   6,9,10   1   NO   NO   0.055   17	1				FROM ASPHALT PAVEMENT JOINT AT					1	1										1	1						
TOTAL FOR MAP NO. 40  S2024.3.4 Mecklenburg 41 EB OFF RAMP NO. 41 NO. HOHORCH ST 6,10,12,13 1 NO. NO. 0.083 21  TOTAL FOR MAP NO. 41 FROM ASHALT PAVEMENT JOINT TO ASPHALT PAVEMENT JOINT AT 10TH ASPHALT PAVEMENT JOINT	52024.3.4	Mecklen	burg 40	EB OFF RAMP		6.9.10	1	NO	NO	0.055	17										20	1		300	50	150	1	200
S2024.3.4   Mecklenburg   41   EB OFF RAMP   N-CHURCH ST   6,10,12,13   1   NO   NO   0.083   21	,					-,-,-3		1	1		T	1									20	1	1				1	
S2024.3.4   Mecklenburg   41   EB OFF RAMP   N CHURCH ST   6,10,12,13   1   NO   NO   0.083   21					FROM ASPHALT PAVEMENT JOINT TO					1		1									-		1					
TOTAL FOR MAP NO. 41    S2024.3.4   Mecklenburg   42   EB LOOP OFF RAMP   ST.   6   1   NO   NO   0.094   25     100   50   100   1   420	52024.3.4	Mecklen	burg 41	EB OFF RAMP			1	NO	NO	0.083	21										9	1		100	50	100	1	420
S2024.3.4   Mecklenburg   42   EB LOOP OFF RAMP   ST.   6   1   NO   NO   0.094   25   25   25   25   25   25   25   2										0.083		1									9			100	50	100	1	420
S2024.3.4   Mecklenburg   42   EB LOOP OFF RAMP   ST.   6   1   NO   NO   0.094   25   25   25   25   25   25   25   2					FROM ASHALT PAVEMENT JOINT TO							1											1					
TOTAL FOR MAP NO. 42					ASPHALT PAVEMENT JOINT AT 10TH																							
S2024.3.4   Mecklenburg   43   NONE INTERSTATE STREETS   ALL UNDER PASS STREETS   2   NO   NO   0.25   44	52024.3.4	Mecklen	burg 42	EB LOOP OFF RAMP	ST.	6	1	NO	NO	0.094	25										15	<u></u>	]	100	50	100	1	
TOTAL FOR MAP NO. 43  TOTAL FOR PROJ NO. 52024.3.4  10.25  TOTAL FOR PROJ NO. 52024.3.4  10.25  10.25  10.25  10.27  10.2												]									15			100	50	100	1	
TOTAL FOR PROJ NO. 52024.3.4 3.702 12,237 6 12 20 12,237 9,460 946 237 612 120 62 1 2,200 800 1,550 16 620	52024.3.4				ALL UNDER PASS STREETS		2	NO	NO		44																	
101AL FOR PROJ NO. 52024.3.4			TOTAL FOR MAP	NO. 43							<u> </u>																	
2702 12327 6 12 20 12327 0.660 0.66 227 612 120 62 1 1 2200 900 1.550 16 620		TO	TAL FOR PROJ NO	. 52024.3.4						3.702	ļ	12,237	6	12	20	12,237	9,460	946	237	612	120	62	1	2,200	800	1,550	16	620
GRAND TOTAL GRAND TOTAL 3.702 12,237 6 12 20 12,237 9,460 946 237 612 120 62 1 2,200 800 1,550 16 620				-	1					<u> </u>	<u> </u>						L	L					L					L
GRAND TOTAL 3.702 12,237 6 12 20 12,237 9,460 946 237 612 120 62 1 2,200 800 1,550 16 620	<u> </u>				1	1			1	2	1	42			1 2-	42.00-	0.000	0.5	7		1				000	4 ===	T	500
	1		GRAND TOT	'AL		1	+	-	+	3.702	1	12,237	6	12	20	12,237	9,460	946	237	612	120	62	1	2,200	800	1,550	16	620
	L				1	<u> </u>			_i	<del></del>	Ь	l	i	1	i	l	L	L		L			I	l	[		L	I

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5746C	15	
52024.3.4	13	

#### THERMOPLASTIC AND PAINT QUANTITIES

F				4400000000 5	4434000000 N	4434000000 N		N 4510000000-N			4725000000-E					4935000000 5	4835000000	404000000 N		4845000000-N	1	48000	00000-E	490000000 F	4000000000	4891000000-E	4730000000	- 400F000000 A
PROJECT NO COUNTY MAP NO ROUTE	DESCRIPTION	TYP NO LANES LAN	E LENGTH WIDT			SEQUENTIAL		LAW	THERMOPLASTIC			THERMO STR				12" WHITE		4840000000-N PAINT MSG	PAINT RT	PAINT LT	PAINT STR &			POLYUREA		THERMOPLASTIC		S NON-CAST
TROSECTION COUNTY INIAI NO	DESCRIPTION	TYPE	F CENGIII WIDI	WORK ZONE	PRESENCE	FLASHING	TEAGGER	ENFORCEMENT	PAVEMENT	ARROW 90		& LT ARROW	PAINT	PAINT	PAINT	PAINT	PAINT	ONLY	ARROW	ARROW	LT ARROW	PAVEMENT		PAVEMENT	COLD APPLIED		TIC	IRON
			-	SIGN	LIGHTING	WARNING		EITI ONGENIEITI	MARKINGLINES		M	90 M						0.12.	7.1.1.011	7	217444011			MARKING LINES		MARKING LINES		
						LIGHTS			WHITE (8", 90															WHITE (12", 30		WHITE (24",90	MARKING	BLE MARKERS
									MILS)													MILS)	MILS)	MILS)	MARKING	MILS)	CHARACTER	
																						STANDARD	STANDARD	STANDARD	LINES, TYPE II		(90 MILS)	
																						GLASS BEADS	GLASS BEADS	GLASS BEADS	(9")			
			MI FT	SF	EA	EA	DAY	HR	LF	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA
	FROM WEST OF BRIDGE DECK OVER																											
	10TH ST. TO WEST OF BRIDGE DECK																											
52024.3.4 Mecklenburg 1 I-277 WB BROOKSH	OVER JOHNSON ST (MP 2.72 TO MP HIRE FRWY 4.04)	1,2,3,4,7 3	1.32 42	296	4	18		2,448		1			35,181	21,036		6,699		12	2			10,217	7,012	2,233	1,510		4	420
TOTAL FOR MAP NO. 1	11RE FRW1 4.04)	1,2,3,4,7 3	1.32 42	296	4	18		2,448		1			35,181	21,036		6,699		12	3			10,217	7,012	2,233	1,510		4	420 420
TOTAL FOR WAF NO. 1	FROM WEST OF BRIDGE DECK OVER		1.52	250	-	10		2,440		1			33,161	21,030		0,033		12	3			10,217	7,012	2,233	1,510		4	420
	JOHNSON ST TO WEST OF BRIDGE																											
	DECK OVER 10TH ST (MP 0.38 TO																											
52024.3.4 Mecklenburg 2 I-277 EB BROOKSH		1,2,3,4,7 3	1.32 42	296	4	18		2,448			3	3	32,604	20,913		8,232		24		9	9	9,505	6,971	2,744	1,363		8	385
TOTAL FOR MAP NO. 2	·		1.32	296	4	18		2,448			3	3	32,604	20,913		8,232		24		9	9	9,505	6,971	2,744	1,363		8	385
	FROM PAVEMENT JOINT AT GRAHAM																											
52024.3.4 Mecklenburg 33 WB LOOP ON	RAMP ST TO CONCRETE PAVEMENT JOINT	6,11 1	0.065 17	44				72																				
TOTAL FOR MAP NO. 33			0.065	44				72																				
	FROM CROSSWALK AT 12TH ST TO		1 1																			1						
52024.3.4 Mecklenburg 34 WB ON RAI	MP ASPHALT PAVEMENT JOINT	5,6,10 1	0.08 16	44				72																				-
TOTAL FOR MAP NO. 34			0.08	44				72																				-
	FROM ASPHALT PAVEMENT JOINT TO																											
52024.3.4 Mecklenburg 35 WB OFF RAI			0.048 16	16				72																				
TOTAL FOR MAP NO. 35	WIF BRIDGE DECK OVER IN. TRYON 31	3,0 1	0.048	16				72																				+
TOTAL TOR WAT NO. 33	FROM ASPHALT JOINT AT N.		0.040	10				/2																				+
	CADWELL ST TO BEGIN OF PHYSICAL																											
52024.3.4 Mecklenburg 36 WB ON RAI		6 1	0.057 16	44				72																				
TOTAL FOR MAP NO. 36			0.057	44				72																				
	FROM END OF PHYSICAL GORE TO																											
	ASPHALT PAVEMENT JOINT AT 12TH																											
52024.3.4 Mecklenburg 37 WB OFF RAI	MP ST	5,6 1	0.12 16	16				80																				
TOTAL FOR MAP NO. 37			0.12	16				80																				
	FROM BEGIN OF PHYSICAL GORE AT																											
	N. DAVIDSON ST TO ASPHALT																											
52024.3.4 Mecklenburg 38 EB ON RAN	PAVEMENT JOINT AT BOTTOM OF RAMP	6,8 1	0.169 16	44				80																				
TOTAL FOR MAP NO. 38	IP RAWP	0,0 1	0.169	44				80																				+
TOTAL TOK MAI NO. 30			0.105																									+
	FROM N. BREVARD ST TO ASPHALT																											
52024.3.4 Mecklenburg 39 EB ON RAM		5 1	0.041 16	44				160																				
TOTAL FOR MAP NO. 39			0.041	44				160																				1
	FROM ASPHALT PAVEMENT JOINT A																											
52024.3.4 Mecklenburg 40 EB OFF RAM	MP TOP OF RAMP TO N. COLLEGE ST	6,9,10 1	0.055 17	16				160	180						180		20									20		
TOTAL FOR MAP NO. 40			0.055	16				160	180						180		20									20		
	FROM ASPHALT PAVEMENT JOINT TO			16				72									25											
52024.3.4 Mecklenburg 41 EB OFF RAM	ИР N. CHURCH ST	6,10 1	0.083 21 0.083																							25 <b>25</b>		-
TOTAL FOR MAP NO. 41	FROM ASPHALT PAVEMENT JOINT TO		0.083	16				72			1						25	1			1	<u> </u>				45		+
	ASPHALT PAVEMENT JOINT AT 10TH																					1						
52024.3.4 Mecklenburg 42 EB LOOP OFF I		6 1	0.094 25	16				120														1						
TOTAL FOR MAP NO. 42			0.094	16				120																				
52024.3.4 Mecklenburg 43 NONE INTERSTATE	STREETS ALL UNDER PASS STREETS	2	0.25 44	288			8																					
TOTAL FOR MAP NO. 43			0.25	288			8																					
TOTAL FOR PROJ NO. 52024.3.4			3.702	1,180	8	36	8	5,856	180	1	3	3		41,949	180	14,931	45	36	3	9	9	19,722		4,977	2,873	45	12	805
101AL FOR FROJ NO. 32024.3.4											7		109	9,734						21		33	3,705					
			1				-			1 -	-							T 6-			_							
GRAND TOTAL			3.702	1,180	8	36	8	5,856	180	1	7	3		41,949	180	14,931	45	36	3	9	9	19,722		4,977	2,873	45	12	805
				1		l	1				,		109	9,734	1	1	1			21		33	3,705	1	1		1	