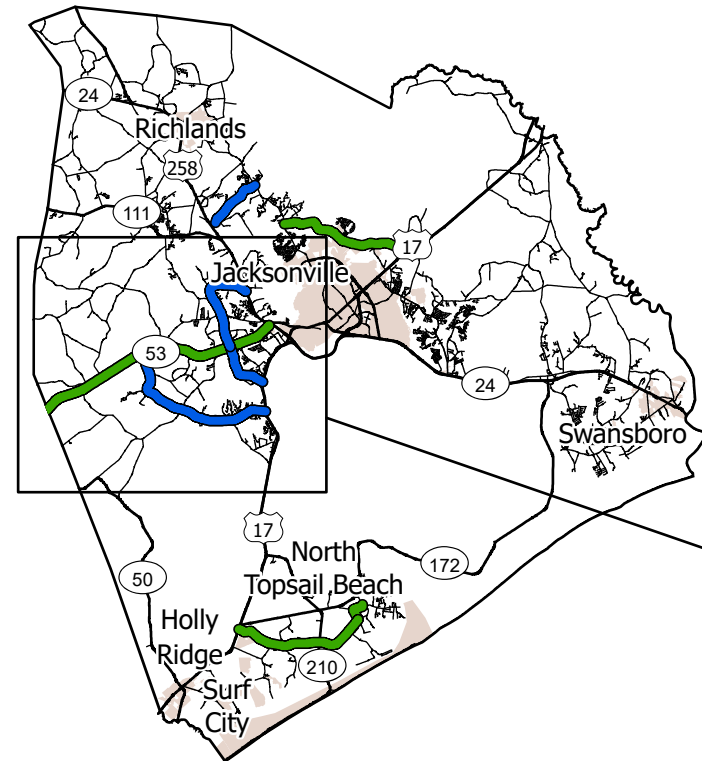


HS2403-B

CONTRACT: DC00487



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

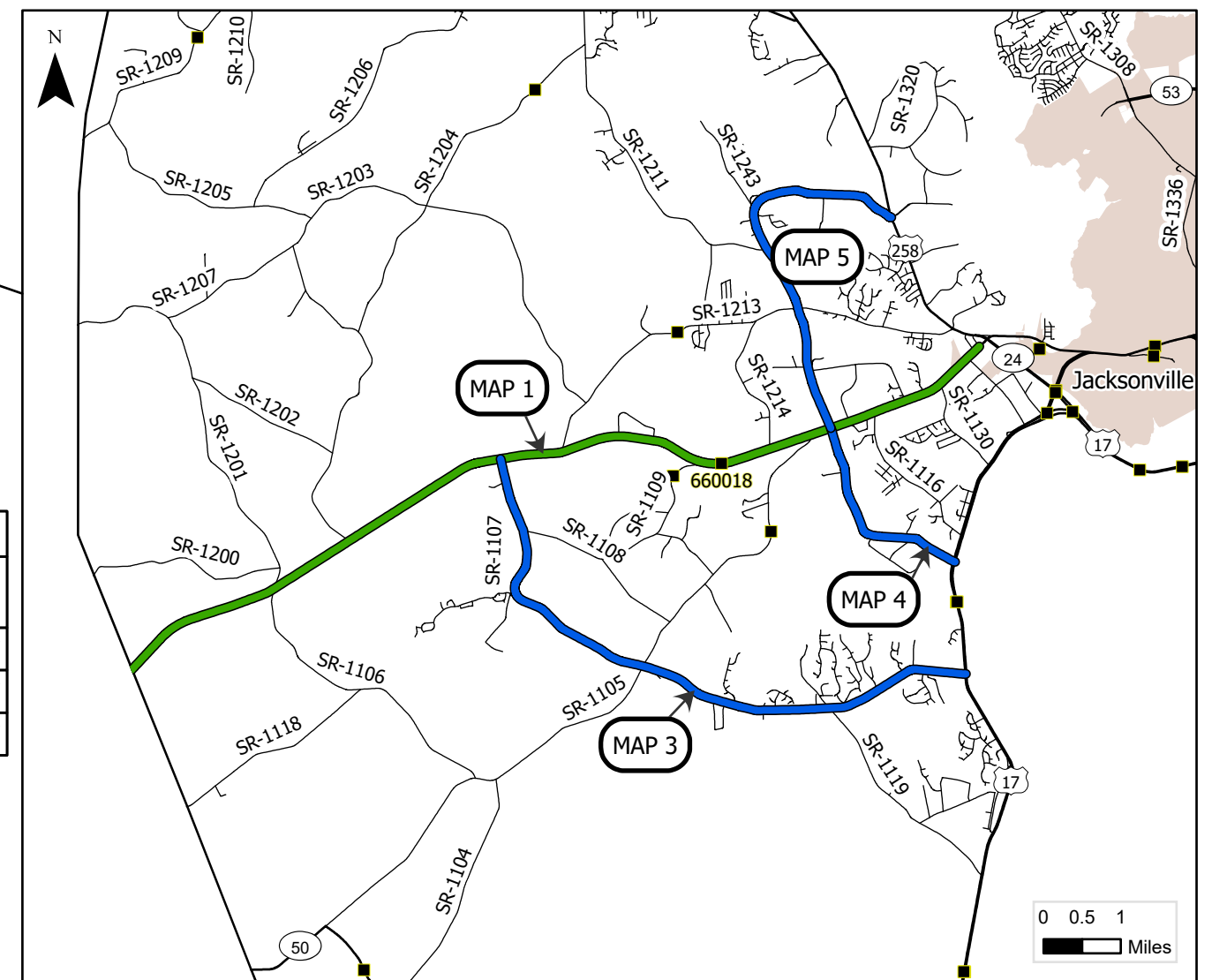
ONSLOW COUNTY

*TYPE OF WORK: RUMBLE INSTALLATION,
THERMOPLASTIC MARKINGS*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	1
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation
- Wide Lines

MAP	ROUTE	DESCRIPTION	TYPE
1	NC-53	FROM SR 1135 / MORNINGSIDE DR TO PENDER COUNTY LINE [MP 12.67 - MP 24.94]	14" CL, 8" EL
3	SR-1107 / DAWSON CABIN RD	FROM NC 53 TO US 17 [MP 0.00 - MP 8.21]	WIDE LINES ONLY
4	SR-1113 / MURRILL HILL RD	FROM US 17 TO NC 53 [MP 0.00 - MP 2.69]	WIDE LINES ONLY
5	SR-1212 / PONY FARM RD	FROM US 258 TO NC 53 [MP 0.00 - MP 5.01]	WIDE LINES ONLY



<i>PROJECT LENGTH</i>	
MAP	MILES
1	12.27
3	8.21
4	2.69
5	5.01

Prepared in the Office of:
DIVISION OF HIGHWAYS
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



HS2403-B

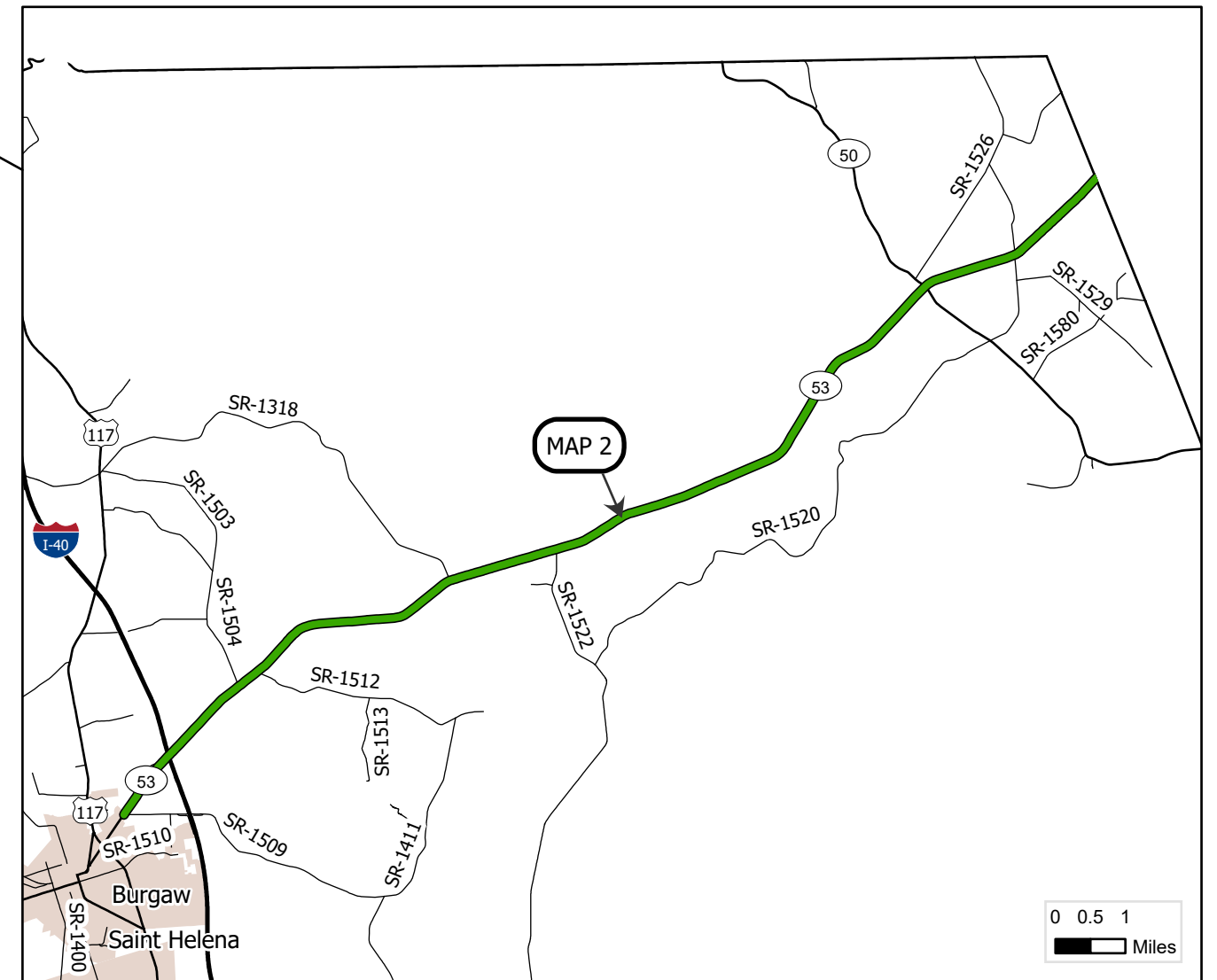
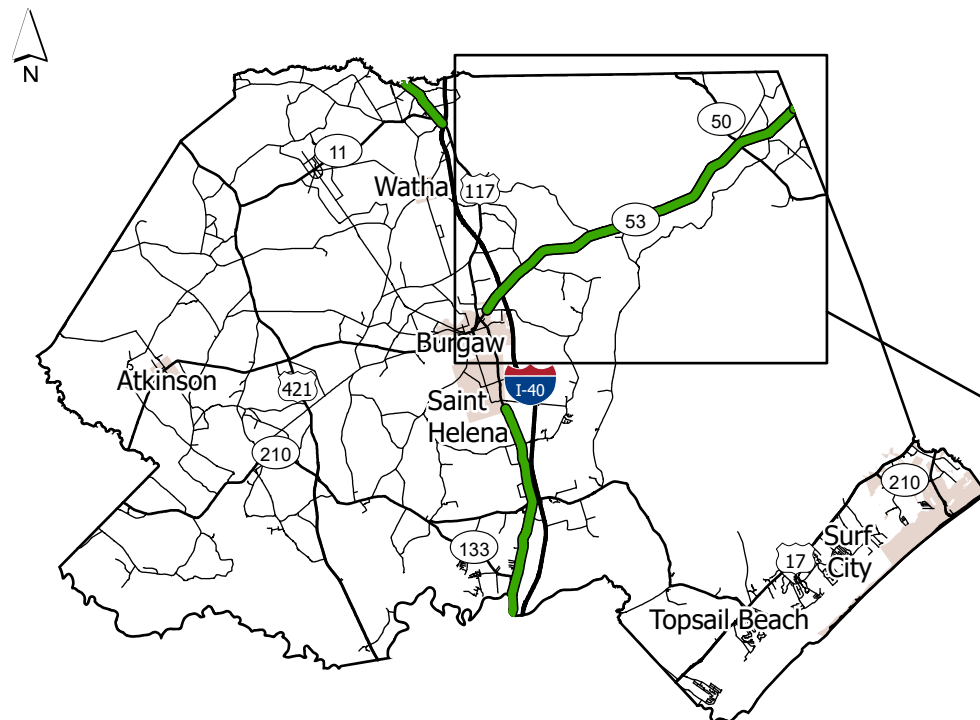
CONTRACT: DC00487

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
PENDER COUNTY

*TYPE OF WORK: RUMBLE INSTALLATION,
 THERMOPLASTIC MARKINGS*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	2
STATE PROJECT NUMBER		DESCRIPTION

 Rumble Installation



MAP	ROUTE	DESCRIPTION	TYPE
2	NC-53	FROM ONSLOW CO LINE TO SR 1509 / STAG PARK RD [MP 0.00 - MP 17.27]	14" CL, 8" EL W/ BICYCLE PATTERN

PROJECT LENGTH

MAP	MILES
2	17.27

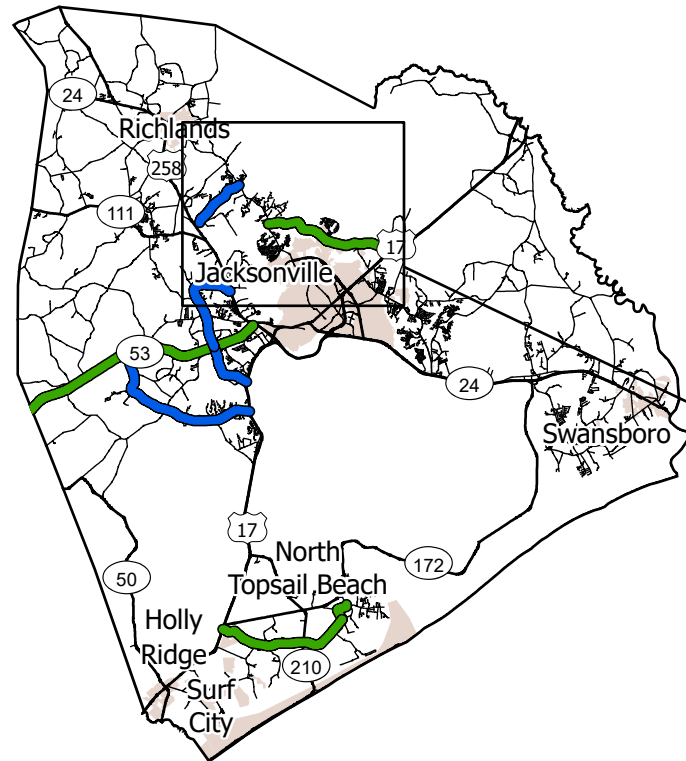
Prepared in the Office of:
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HS2403-B

CONTRACT: DC00487



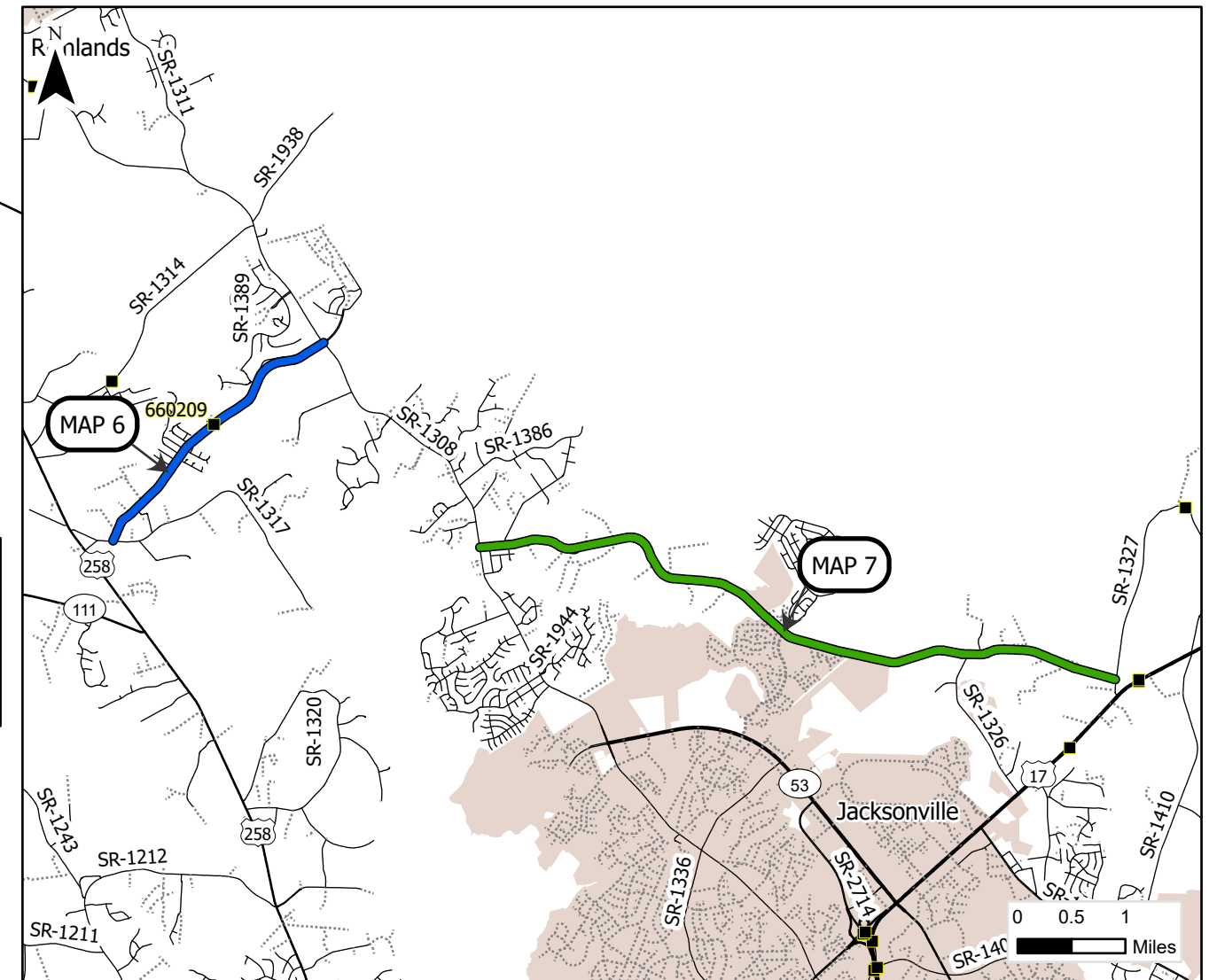
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY**

***TYPE OF WORK: RUMBLE INSTALLATION,
THERMOPLASTIC MARKINGS***

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	3
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation
- Wide Lines

MAP	ROUTE	DESCRIPTION	TYPE
6	SR-1316 / RHODESTOWN RD	FROM SR 1308 / GUM BRANCH RD TO SR 1317 / BRIARNECK RD [MP 0.00 - MP 2.77]	WIDE LINES ONLY
7	SR-1324 / RAMSEY RD	FROM SR 1308 / GUM BRANCH RD TO SR 1327 / KELLUM LOOP RD [MP 0.00 - MP 6.4]	14" CL, 8" SH



PROJECT LENGTH

MAP	MILES
6	2.77
7	6.4

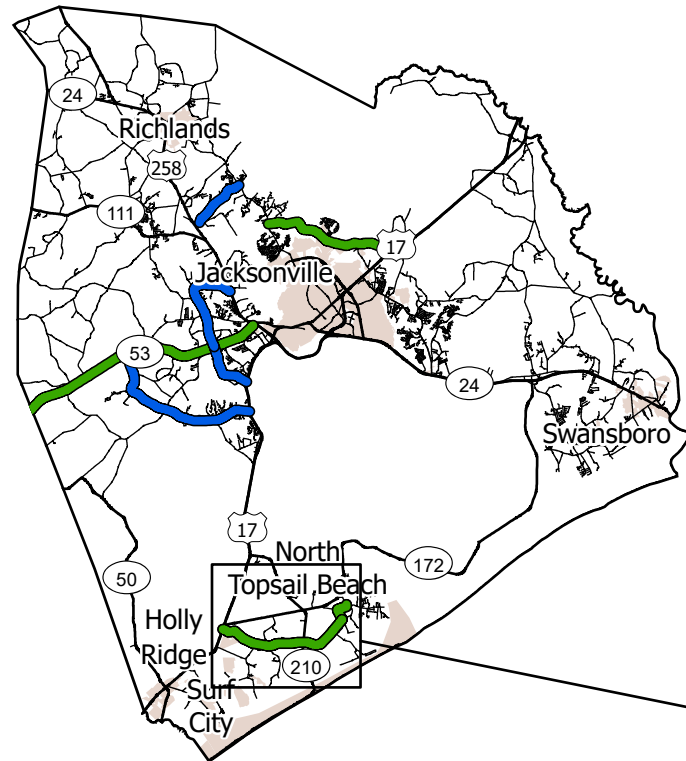
Prepared in the Office of:
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This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



HS2403-B

CONTRACT: DC00487



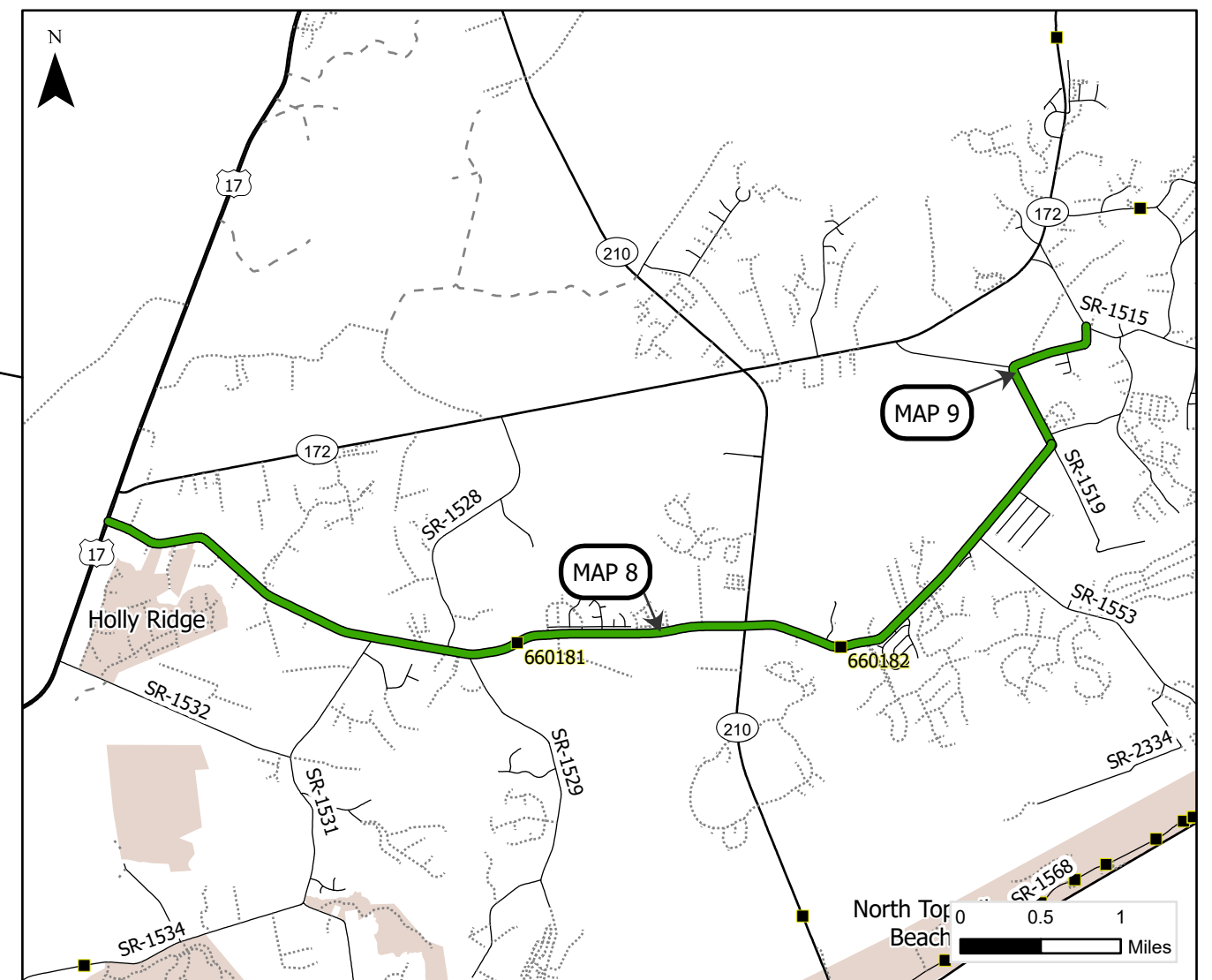
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONslow COUNTY**

*TYPE OF WORK: RUMBLE INSTALLATION,
THERMOPLASTIC MARKINGS*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	4
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
8	SR-1518 / OLD FOLKSTONE RD	FROM SR 1519 / OLD FOLKSTONE RD TO US 17 [MP 0.00 - MP 6.73]	14" CL
9	SR-1519 / OLD FOLKSTONE RD	FROM SR 1515 / SNEADS FERRY RD TO SR 1518 / OLD FOLKSTONE RD [MP 0.00 - MP 1.13]	14" CL



PROJECT LENGTH	
MAP	MILES
8	6.73
9	1.13

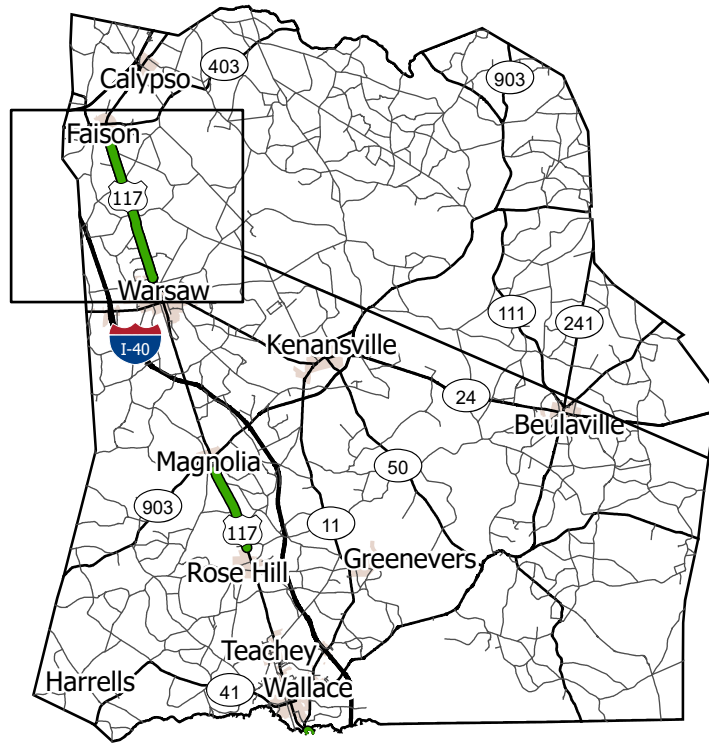
Prepared in the Office of:
DIVISION OF HIGHWAYS
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

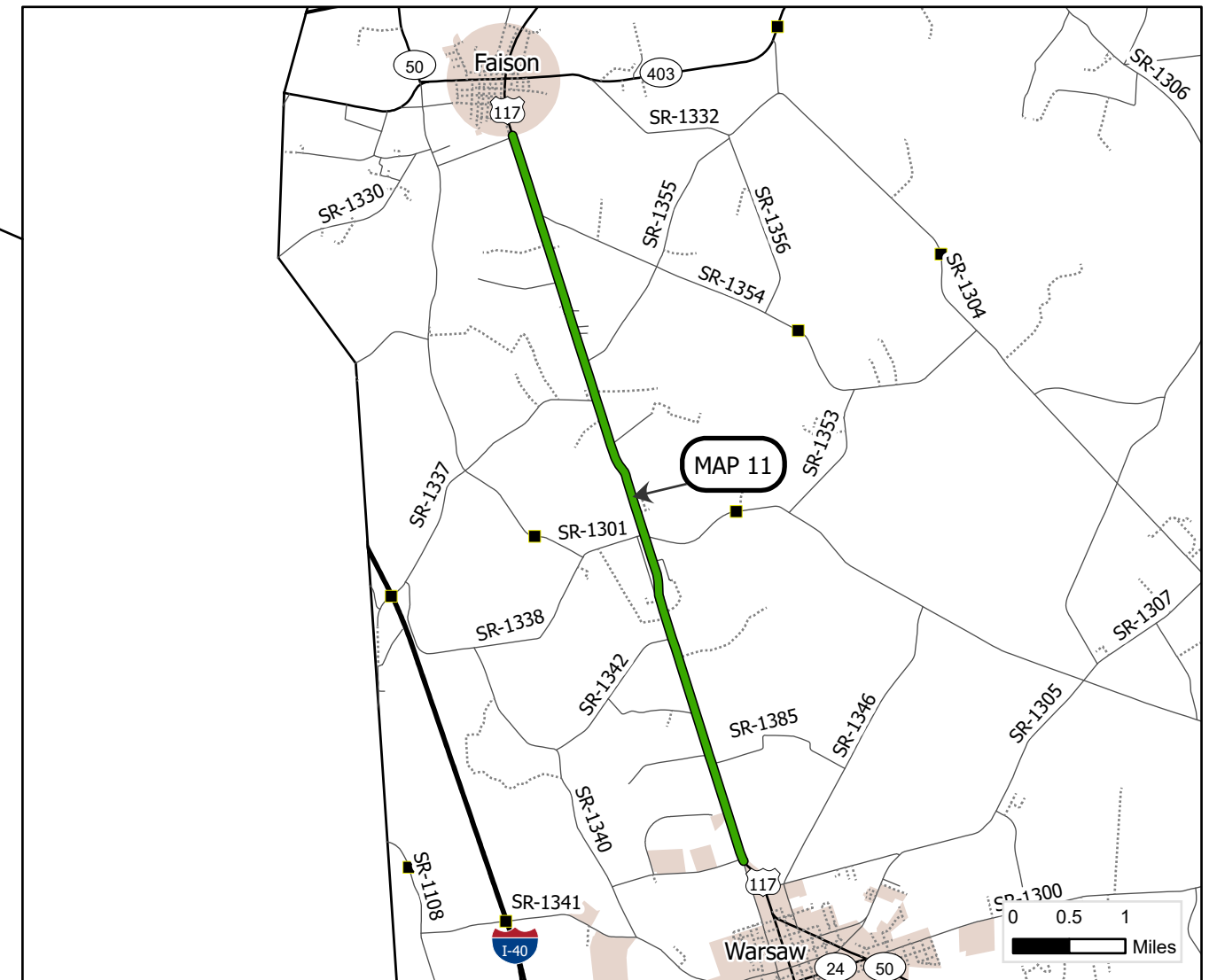
DUPLIN COUNTY

*TYPE OF WORK: RUMBLE INSTALLATION,
THERMOPLASTIC MARKINGS*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	6
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
11	US-117	FROM WARSAW TOWN LIMITS TO FAISON TOWN LIMITS [MP 21.85 - MP 28.66]	14" CL, 8" SH



PROJECT LENGTH

MAP	MILES
11	6.81

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5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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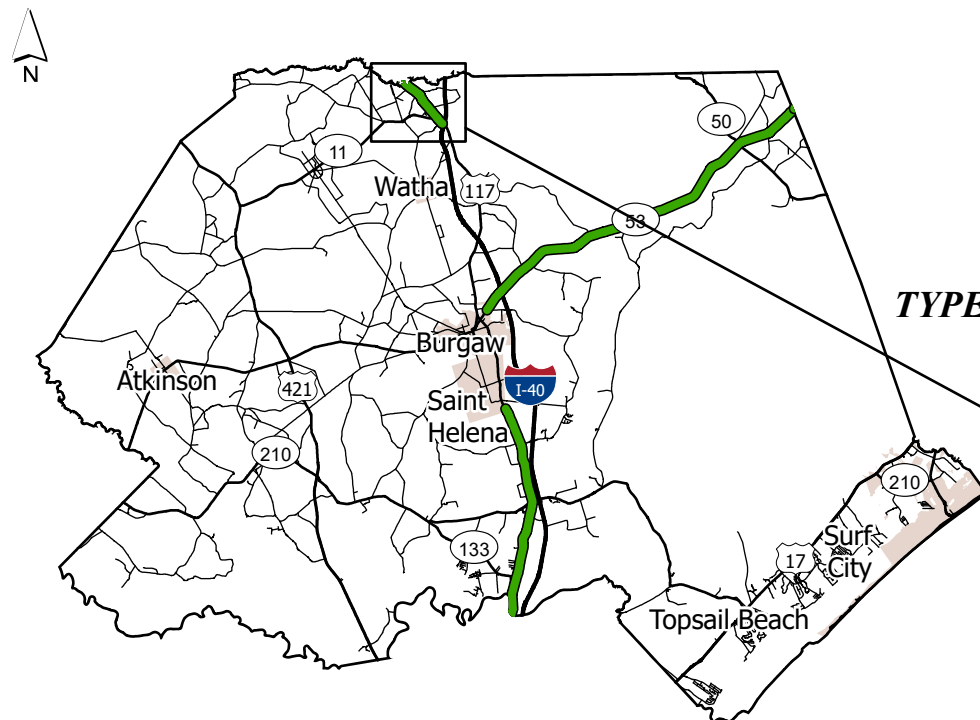
HS2403-B

CONTRACT: DC00487

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
PENDER COUNTY

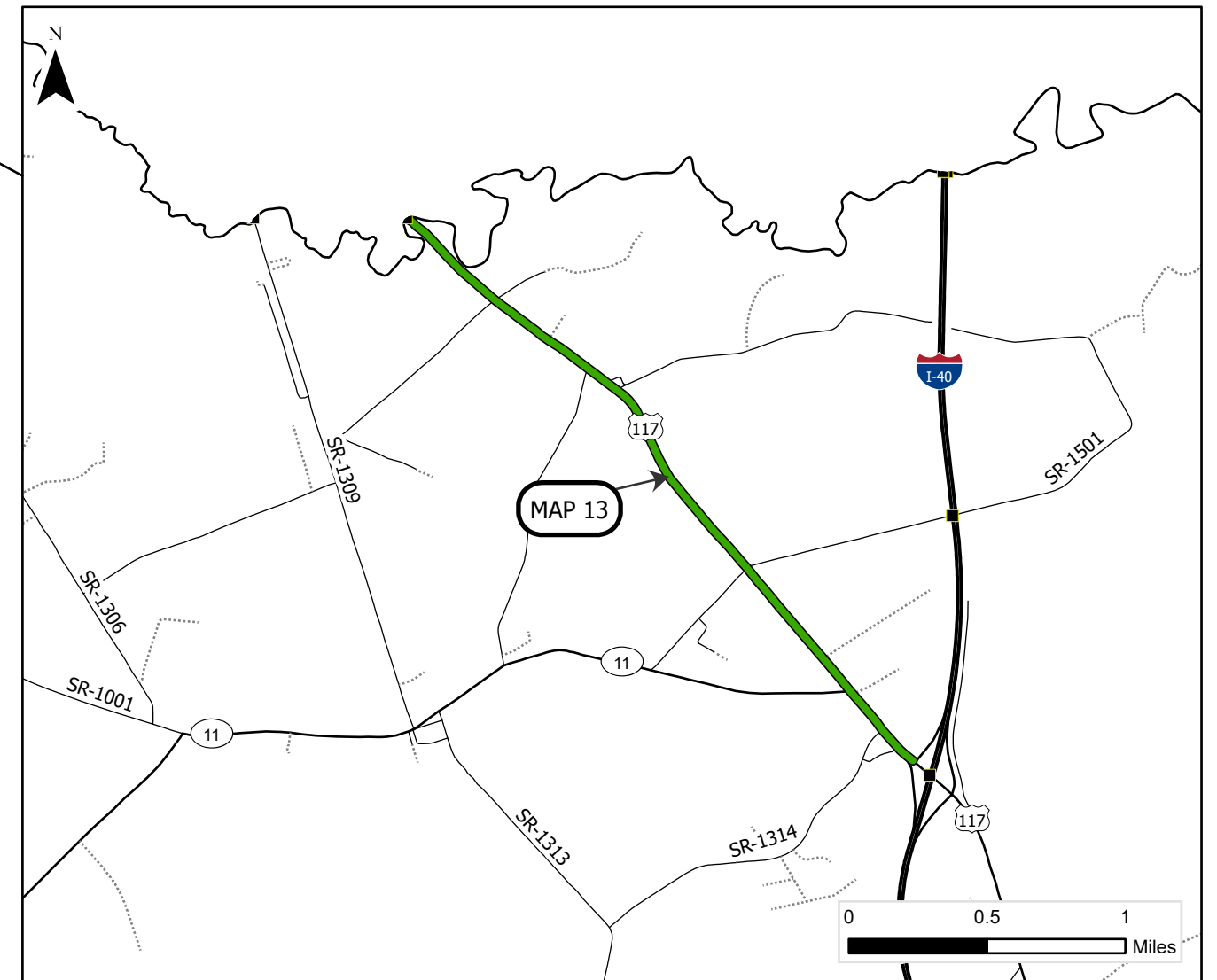
TYPE OF WORK: WIDENING, RUMBLE INSTALLATION & THERMOPLASTIC MARKINGS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	8
STATE PROJECT NUMBER		DESCRIPTION



- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
13	US-117	FROM I-40 OFF RAMP TO DUPLIN COUNTY LINE [MP 23.59 - MP 26.31]	WIDENING; 14" CL, 8" SH



PROJECT LENGTH

MAP	MILES
13	2.72

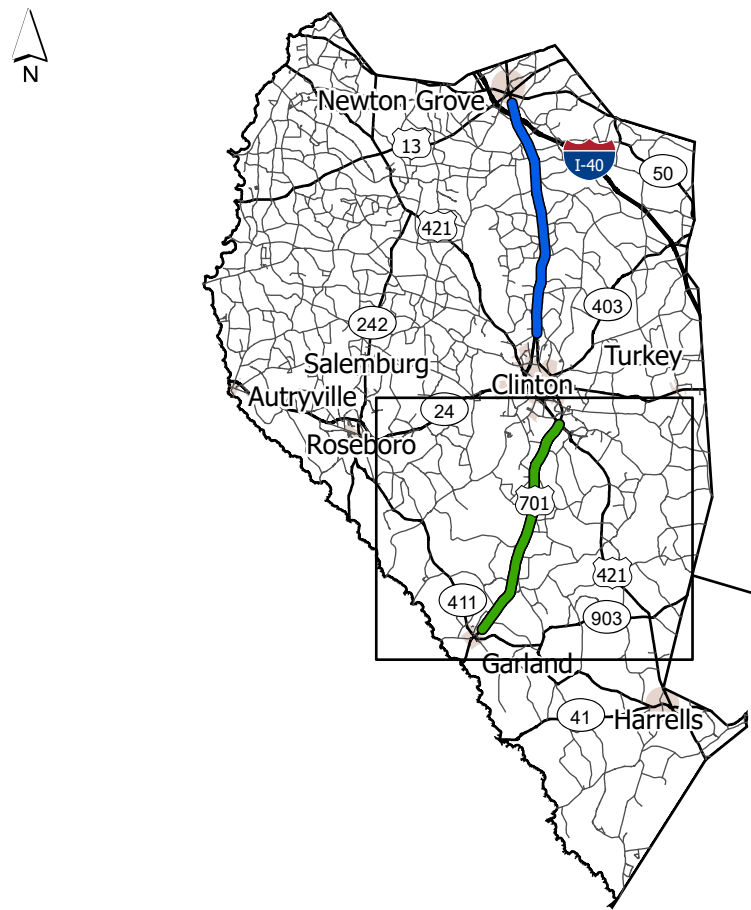
Prepared in the Office of:
DIVISION OF HIGHWAYS
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



HS2403-B

CONTRACT: DC00487



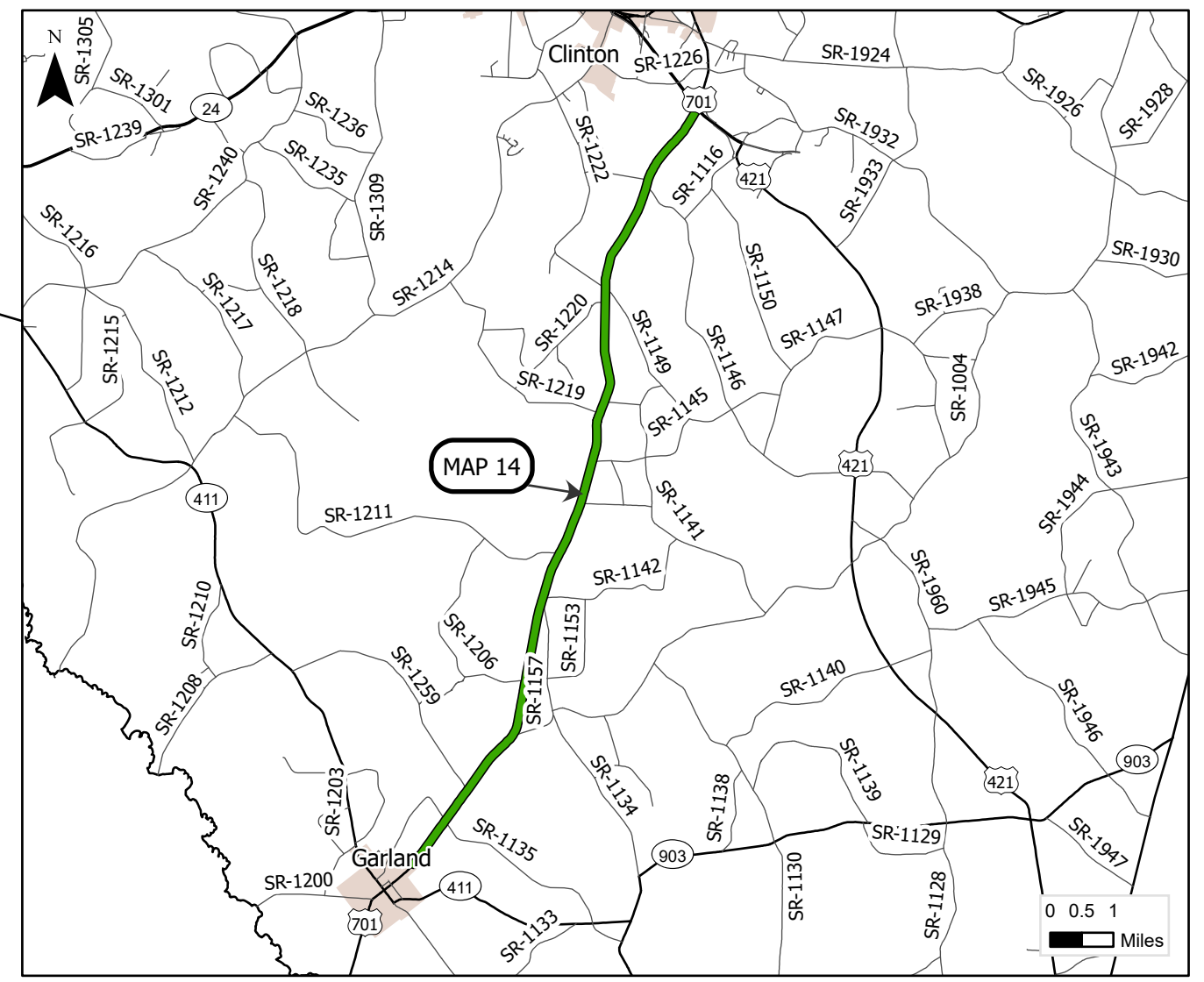
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SAMPSON COUNTY**

**TYPE OF WORK: RUMBLE INSTALLATION,
THERMOPLASTIC MARKINGS**

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	HS2403-B 50975.3.3	9
STATE PROJECT NUMBER		DESCRIPTION

Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
14	US-701	FROM TOWN OF GARLAND TO US 421 [MP 2.58 - MP 15.76]	14" CL, 8" SH

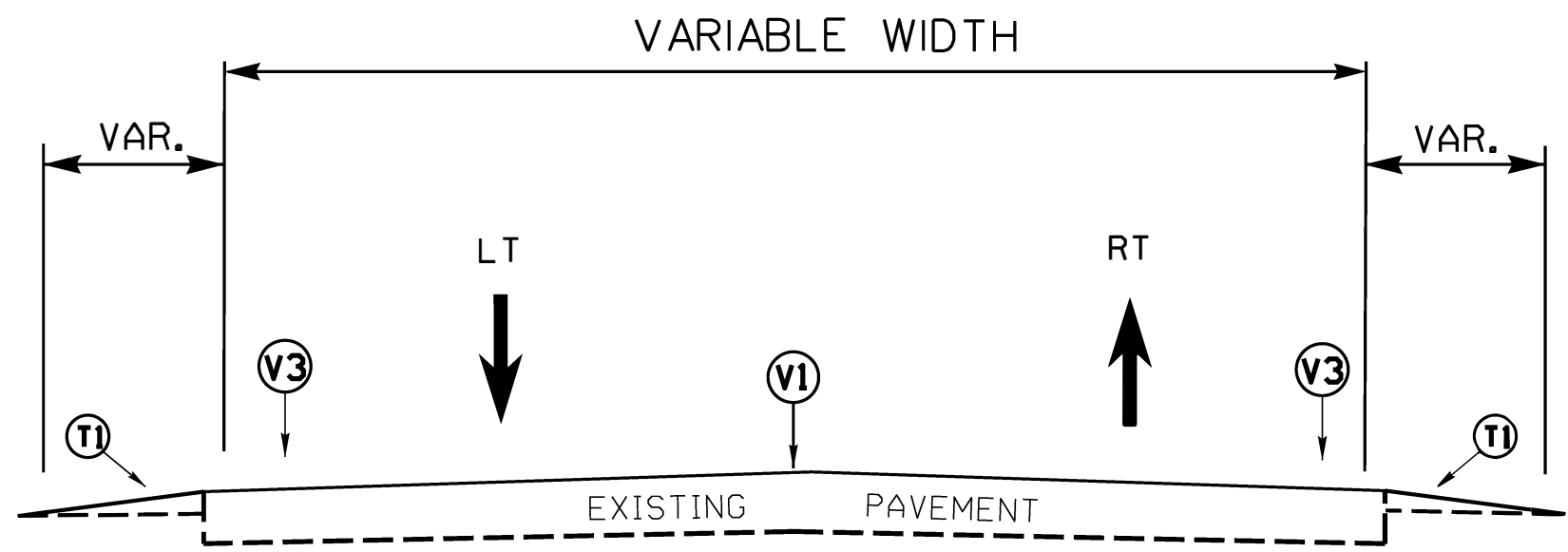


PROJECT LENGTH				
<table border="1"> <thead> <tr> <th>MAP</th> <th>MILES</th> </tr> </thead> <tbody> <tr> <td align="center">14</td> <td align="center">13.18</td> </tr> </tbody> </table>	MAP	MILES	14	13.18
MAP	MILES			
14	13.18			

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DIVISION OF HIGHWAYS
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

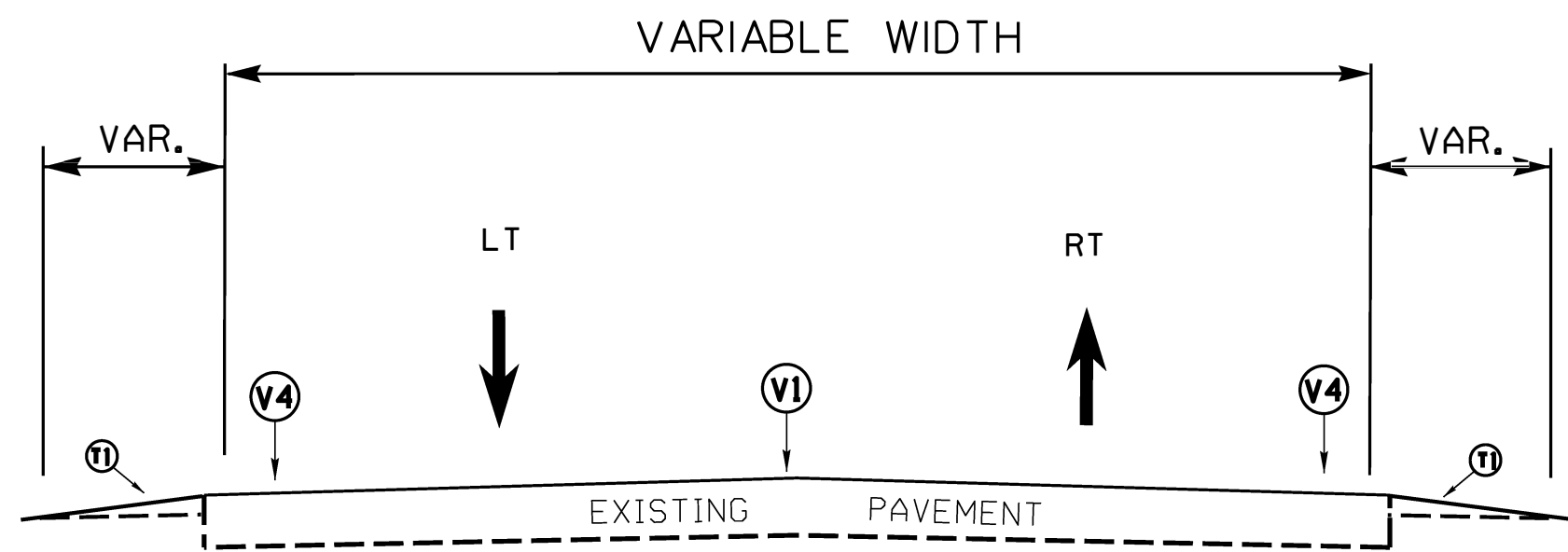
This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.





TYPICAL SECTION NO. 1

MAP NO. 1	MAP NO. 10
NC 53 (ON SLOW)	US - 117 (DUPLIN)
MP 12.67 - MP 24.94	MP 8.87 - MP 12.67



TYPICAL SECTION NO. 2

MAP NO. 2	MAP NO. 12
NC 53 (PENDER)	US - 117 (PENDER)
MP 0.00 - MP 17.27	MP 0.00 - MP 9.71

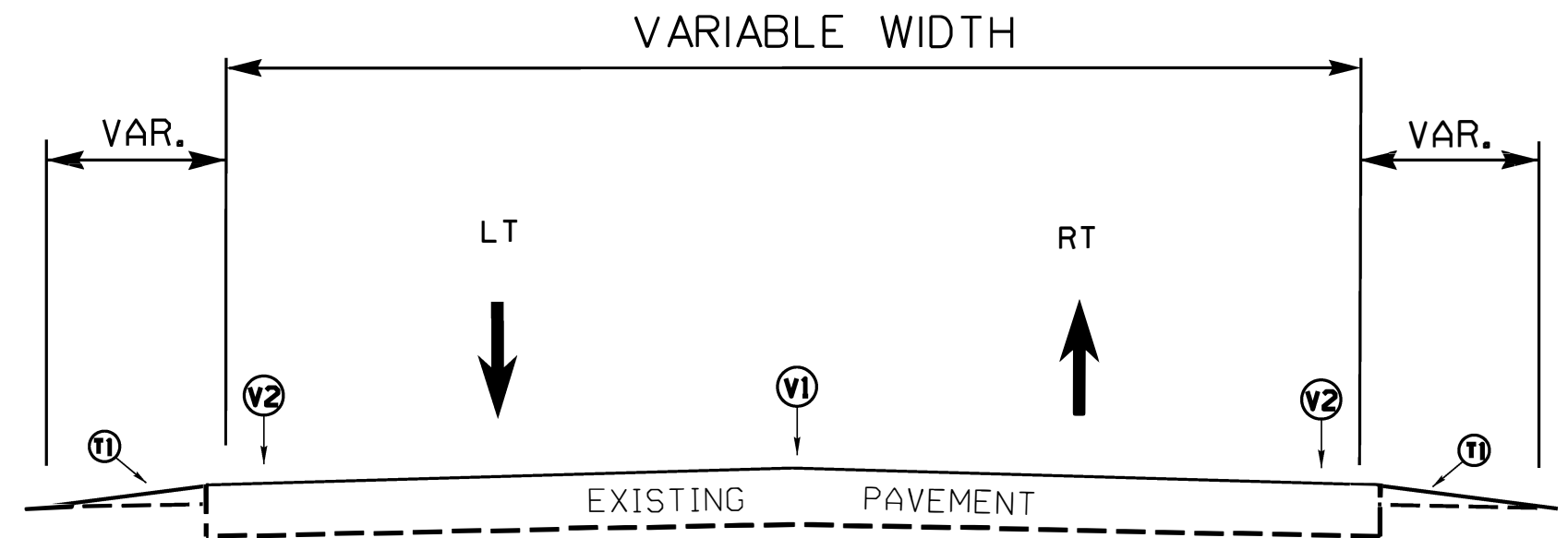
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5' DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 3.5' DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 399 LBS. PER SQ.YD.
T1	EARTH MATERIAL (EXISTING SHOULDERS)
V1	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE (PAGE 16)
V2	8" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER (PAGE 14)
V3	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE (PAGE 15)
V4	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE W/ BICYCLE PATTERN (PAGE 17)

NOTES: MAPS 3 - 6 & 15 ARE 6" WIDE LINES ONLY
 START MILL AT 4" OFF EXISTING EDGELINE MARKINGS
 MAINTAIN EXISTING LANE WIDTHS

REVISIONS

8/17/99

SYSTEMS

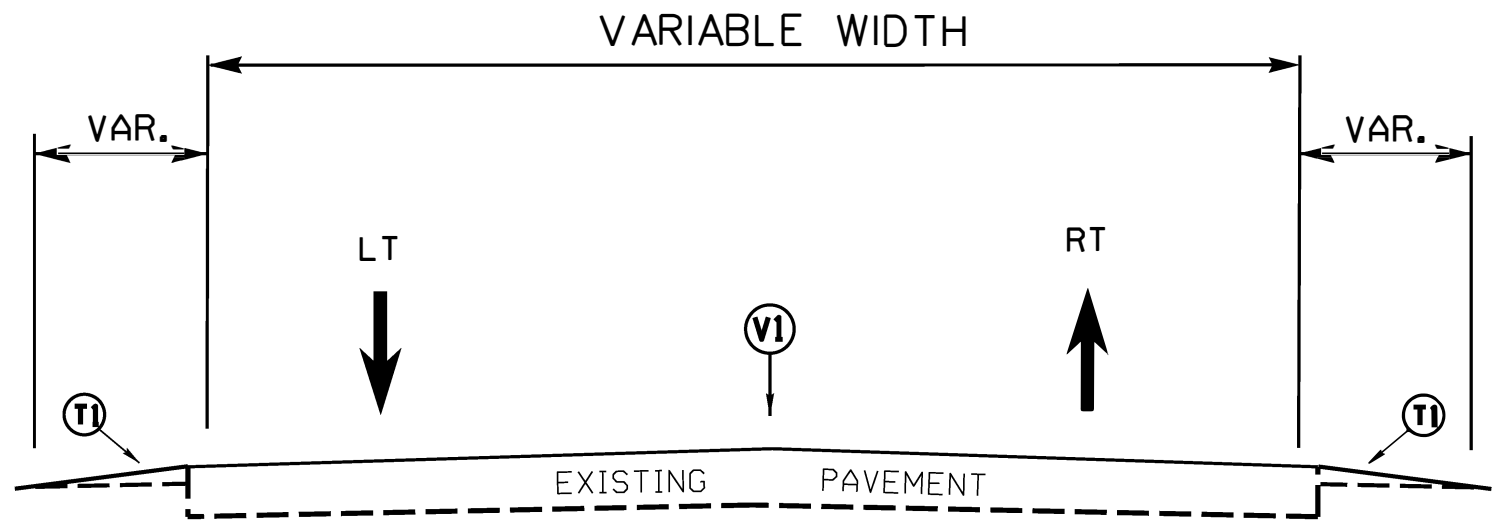


TYPICAL SECTION NO. 3

MAP NO. 7
 SR 1324 RAMSEY RD (ONSLOW)
 MP 0.00 - MP 6.40

MAP NO. 11
 US - 117 (DUPLIN)
 MP 21.853- MP 28.658

MAP NO. 14
 US - 701 (SAMPSON)
 MP 2.58 - MP 15.76



TYPICAL SECTION NO. 4

MAP NO. 8
 SR 1518 OLD FOLKSTONE RD (ONSLOW)
 MP 0.00 - MP 6.73

MAP NO. 9
 SR 1519 OLD FOLKSTONE RD (ONSLOW)
 MP 0.00 - MP 1.13

PAVEMENT SCHEDULE	
T1	EARTH MATERIAL (EXISTING SHOULDERS)
V1	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V2	8" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER

NOTES: MAPS 3 - 6 & 15 ARE 6" WIDE LINES ONLY
 START MILL AT 4" OFF EXISTING EDGELINE MARKINGS
 MAINTAIN EXISTING LANE WIDTHS

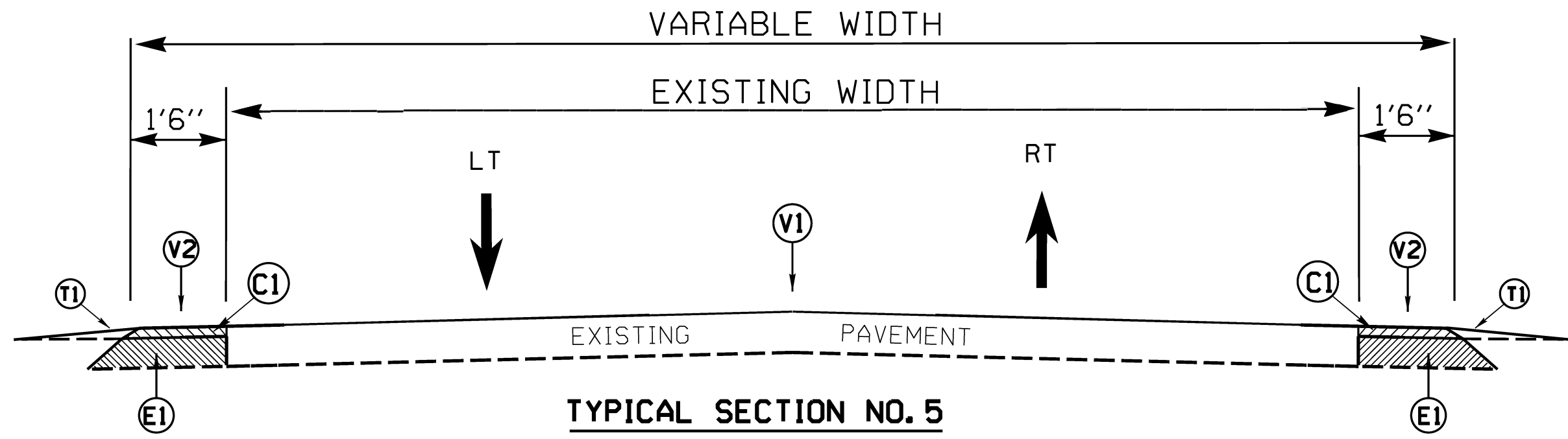
REVISIONS

8/17/99

 SYSTEMS

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5' DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 3.5' DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 399 LBS. PER SQ.YD.
T1	EARTH MATERIAL (EXISTING SHOULDERS)
V1	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V2	8" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER

NOTES: MAPS 3 - 6 & 15 ARE 6" WIDE LINES ONLY
 START MILL AT 4" OFF EXISTING EDGELINE MARKINGS
 MAINTAIN EXISTING LANE WIDTHS



TYPICAL SECTION NO. 5

MAP NO. 13
 US - 117 (PENDER)
 MP 23.59 - MP 26.31

REVISIONS

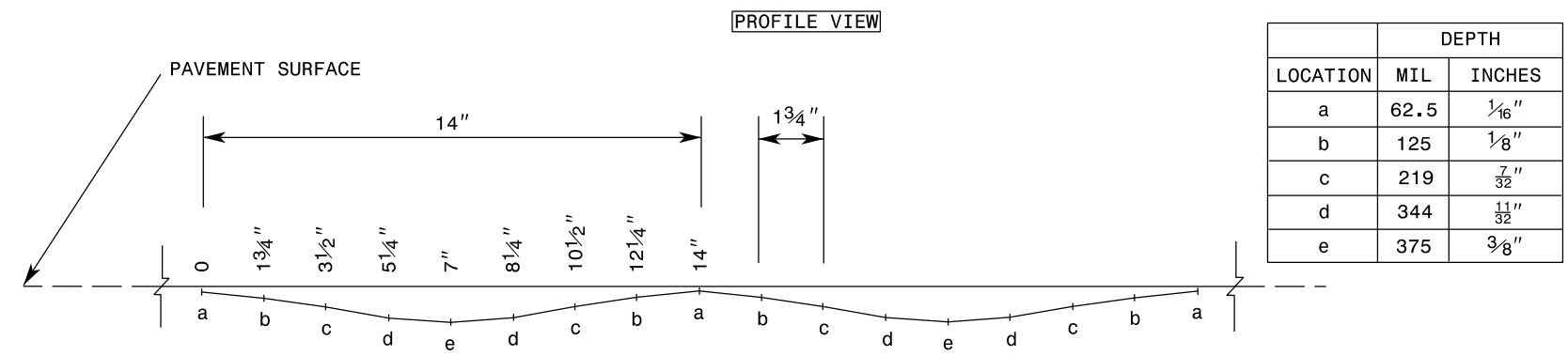
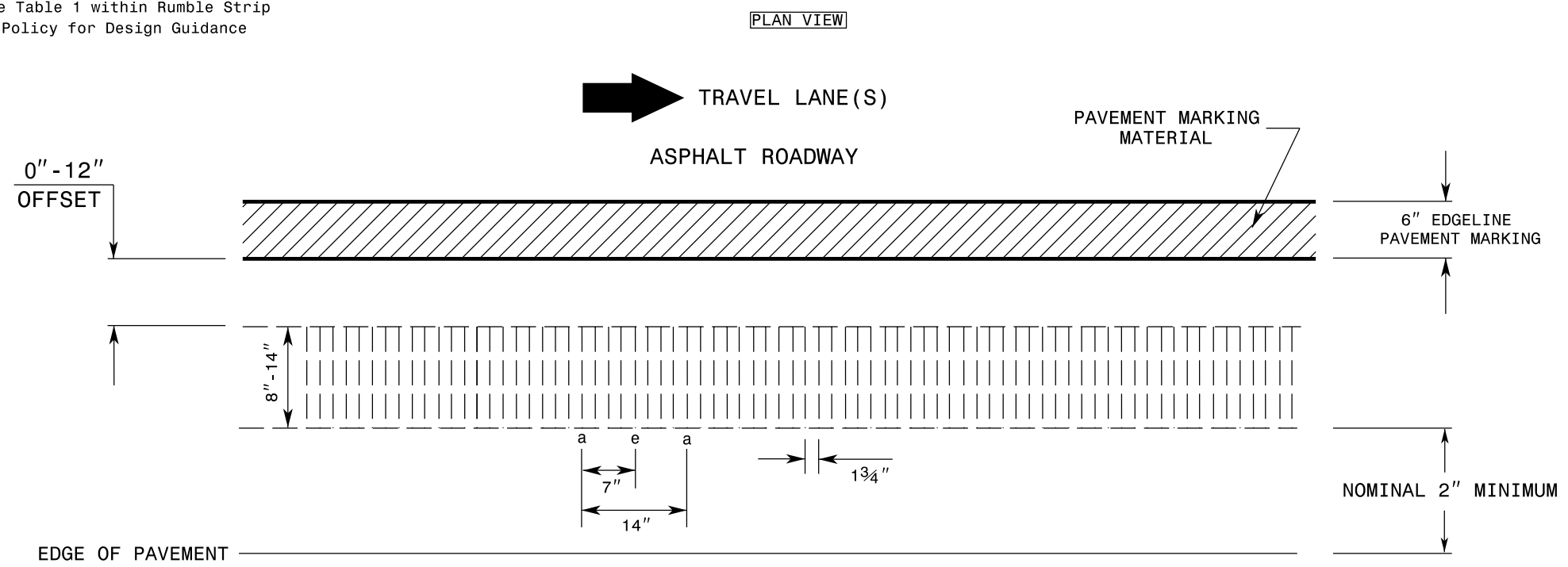
2024 ROADWAY ENGLISH STANDARD DRAWINGS
 The following Roadway Standards as appear in
 "Roadway Standard Drawings" Highway Design Branch -
 N.C. Department of Transportation - Raleigh, N.C., Dated January, 2024 are
 applicable to this project and by reference hereby are considered a part
 of these plans:

STDNO.	TITLE
DIVISION 12 - PVMT MARKING, MARKERS AND DELINEATION	
1205.08	Pavement Markings - Symbols & Word Messages

8/17/99

SYSTEMS TIME 11:55 AM 8/17/99

See Table 1 within Rumble Strip Policy for Design Guidance



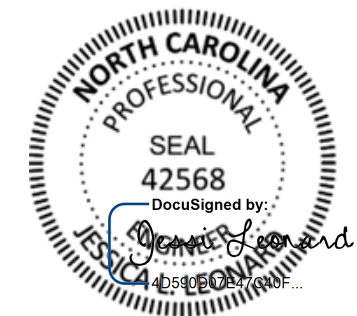
LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	11/32"
e	375	3/8"

REFERENCE DRAWING ID: Sin.Strip

- NOTES:**
- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016*

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.
 ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL SHOULDER RUMBLE STRIP

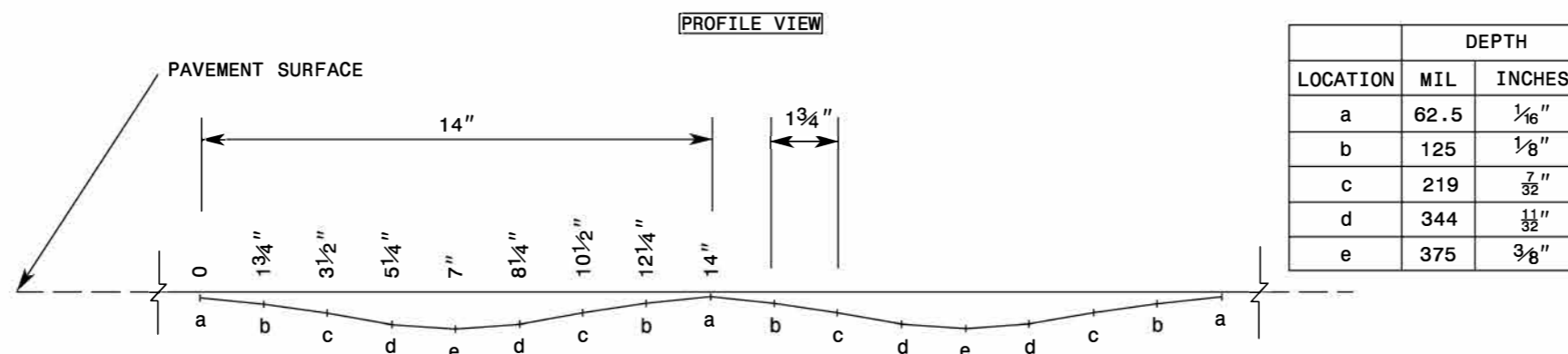
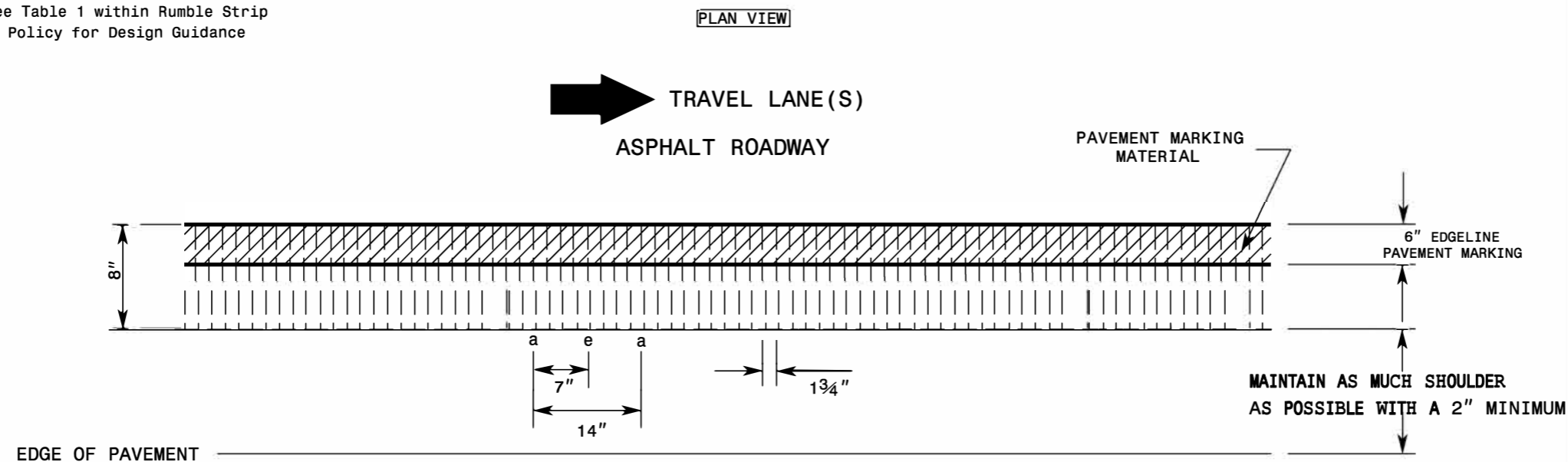
SHEET 2 OF 9



CONTRACTS STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-8950	FAX 919-250-4119
SEE TITLE BLOCK	
ORIGINAL BY: C. SIMPSON	DATE: 04-24-2025
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: _____	

Install with bicycle gaps for edge line on NC 53 & US 117:
60-feet of rumbles followed by 12-foot gap - See Sheet 17 for additional details.

See Table 1 within Rumble Strip Policy for Design Guidance



REFERENCE DRAWING ID: Sin.Stripe

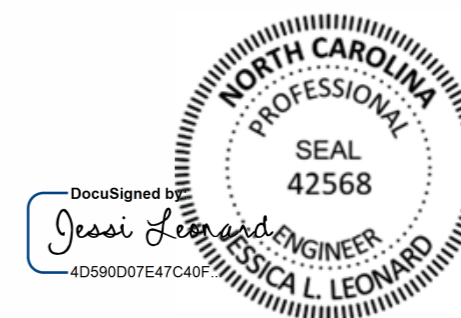
NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et al, June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

SHEET 4 OF 9

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
SINUSOIDAL EDGELINE RUMBLE STRIPE



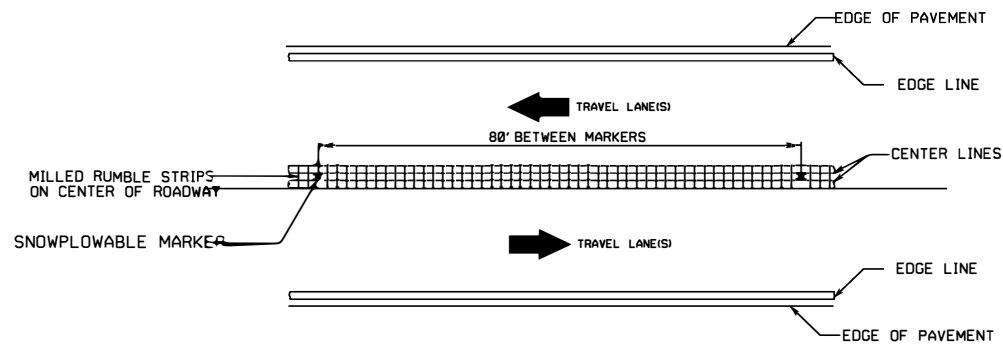
CONTRACTS STANDARDS AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: **C. SIMPSON** DATE: **04-24-2025**
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: _____

See Table 2 within Rumble Strip Policy for Design Guidance

LANE TREATMENT

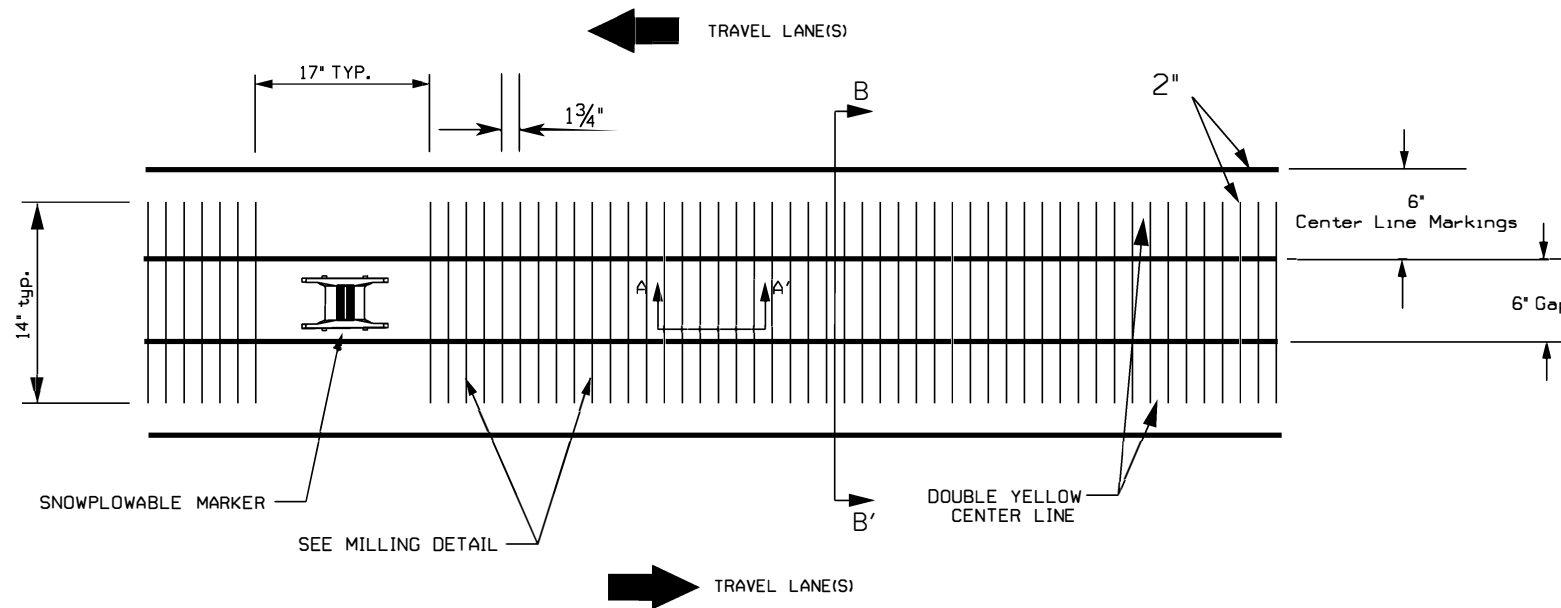


PROFILE:

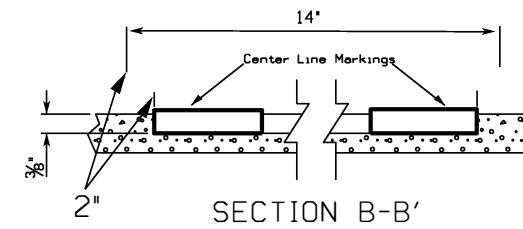


SECTION A-A'

CENTER LINE



MILLING DETAIL



REFERENCE DRAWING ID: S1n.CL with Snowplowable Markers

NOTES:

- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.
- 3) INSTALL SNOWPLOWABLE MARKERS AT APPROXIMATELY 80' INCREMENTS. DO NOT MILL RUMBLE STRIPS IN SECTION WHERE SNOWPLOWABLE MARKERS ARE INSTALLED.

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
 RUMBLE STRIPS / STRIPES
 SINUSOIDAL CENTERLINE RUMBLE STRIPE WITH SNOWPLOWABLE MARKERS

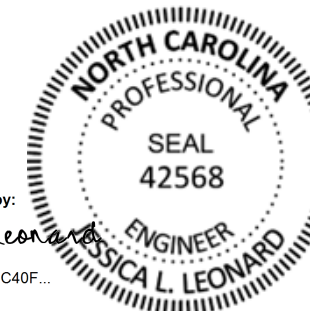
SHEET 8 OF 9

12/17/2025

DocuSigned by:

Jessi Leonard

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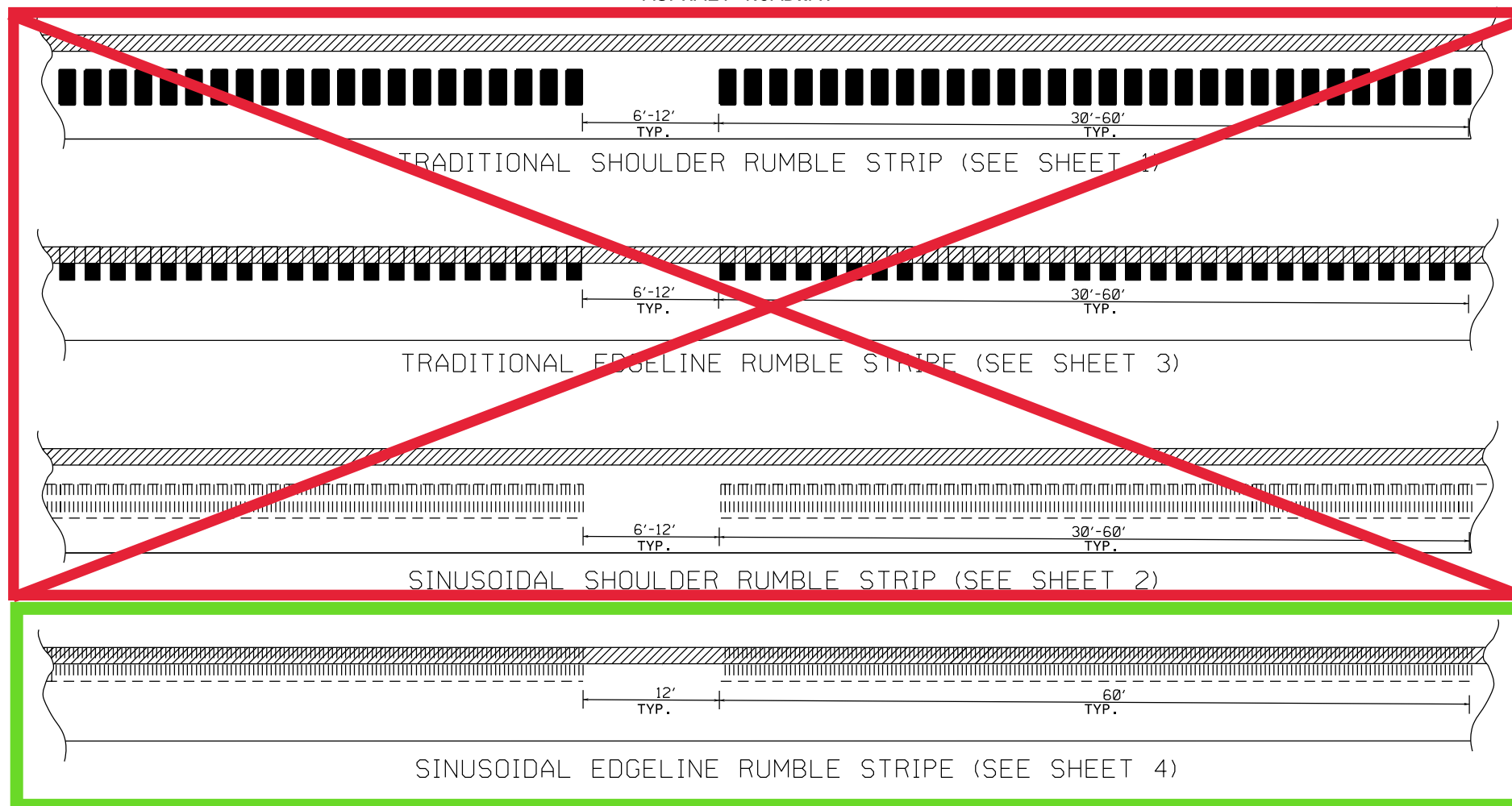
CONTRACTS STANDARDS AND DEVELOPMENT UNIT
 Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: C. SIMPSON DATE: 04-24-2025
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC:.

See Page 4 within Rumble Strip Policy for Design Guidance

 TRAVEL LANE(S)
 ASPHALT ROADWAY



REFERENCE DRAWING ID: Bicycle Gap

NOTES:

- 1) FOR ROADWAYS WITH NOMINAL PAVED SHOULDER WIDTHS OF AT LEAST 5 FEET, GAPS IN MILLED PATTERNS, VARYING BETWEEN 6 AND 12 FEET, SHALL BE PROVIDED TO ALLOW BICYCLISTS TO MOVE BETWEEN THE THROUGH LANE AND THE RIGHT SHOULDER. THE PATTERN SHOULD BE A MINIMUM OF A 5:1 RUMBLE-TO-GAP RATIO.
- 2) FOR ROADWAYS WITH NOMINAL PAVED SHOULDER WIDTHS OF 1.5 FEET UP TO 5 FEET FOR A LENGTH OF 200' OR GREATER, A BICYCLE GAP SHOULD BE CONSIDERED.
- 3) FOR ROADWAYS WITH NOMINAL PAVED SHOULDER WIDTHS OF LESS THAN 1.5 FEET, NO BICYCLE GAP IS NEEDED.

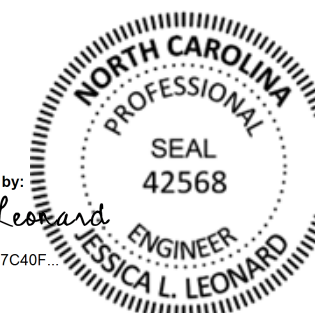
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 BICYCLE GAP FOR SHOULDER RUMBLE STRIP / EDGELINE RUMBLE STRIPE

SHEET 9 OF 9

12/17/2025

DocuSigned by:
Jessi Leonard
 4D590D07E47C40F...



CONTRACTS STANDARDS AND DEVELOPMENT UNIT
 Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: **C. SIMPSON** DATE: **04-24-2025**
 MODIFIED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 FILE SPEC.: _____

PROJECT NO.	SHEET NO.
HS-2403B	18
50975.3.3	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1491000000-E	1519000000-E	1575000000-E	1881000000-E	1881000000-E	1881000000-E	1881000000-E		
												BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	14" SINUSOIDAL RUMBLE STRIPES, CENTERLINE	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGE LINE	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGE LINE W/ BICYCLE PATTERN	8" SINUSOIDAL RUMBLE STRIP, SHOULDER		
												MI	FT							
												TONS	TON	TON	LF	LF	LF	LF		
50975.3.3	Onslow	1	NC-53	FROM SR 1135 MORNING SIDE DR TO PENDER COUNTY LINE		1	2WU	12.27	22	12.67	24.94				64,796	129,592				
TOTAL FOR MAP NO. 1								12.27						64,796	129,592					
50975.3.3	Pender	2	NC-53	FROM ONSLOW CO LINE TO SR 1509 STAG PARK RD		2	2WU	17.27	22	0.00	17.27				91,191		182,382			
TOTAL FOR MAP NO. 2								17.27						91,191		182,382				
50975.3.3	Onslow	3	SR-1107 / DAWSON CABIN RD	FROM NC 53 TO US 17			2WU	8.21	23	0.00	8.21									
TOTAL FOR MAP NO. 3								8.21												
50975.3.3	Onslow	4	SR-1113 / MURRILL HILL RD	FROM US 17 TO NC 53			2WU	2.69	20	0.00	2.69									
TOTAL FOR MAP NO. 4								2.69												
50975.3.3	Onslow	5	SR-1212 / PONY FARM RD	FROM NC 53 TO US 258			2WU	5.01	20	0.00	5.01									
TOTAL FOR MAP NO. 5								5.01												
50975.3.3	Onslow	6	SR-1316 / RHODESTOWN RD	FROM SR 1308 GUM BRANCH RD TO SR 1317 BRIARNECK RD			2WU	2.77	20	0.00	2.77									
TOTAL FOR MAP NO. 6								2.77												
50975.3.3	Onslow	7	SR-1324 / RAMSEY RD	FROM SR 1308 GUM BRANCH RD TO SR 1327 KELLUM LOOP RD		3	2WU	6.40	22	0.00	6.40				33,792			67,584		
TOTAL FOR MAP NO. 7								6.40						33,792		67,584				
50975.3.3	Onslow	8	SR-1518 / OLD FOLKSTONE RD	FROM SR 1519 OLD FOLKSTONE RD TO US 17		4	2WU	6.73	22	0.00	6.73				35,535					
TOTAL FOR MAP NO. 8								6.73						35,535						
50975.3.3	Onslow	9	SR-1519 / OLD FOLKSTONE RD	FROM SR 1518 OLD FOLKSTONE RD TO SR 1515 SNEADS FERRY RD		4	2WU	1.13	22	0.00	1.13				5,967					
TOTAL FOR MAP NO. 9								1.13						5,967						
50975.3.3	Duplin	10	US-117	FROM ROSE HILL TOWN LIMITS TO MAGNOLIA TOWN LIMITS		1	2WU	3.80	22	8.87	12.67				20,064	40,128				
TOTAL FOR MAP NO. 10								3.80						20,064	40,128					
50975.3.3	Duplin	11	US-117	FROM WARSAW TOWN LIMITS TO FAISON TOWN LIMITS		3	2WU	6.81	22	21.85	28.66				35,957			71,914		
TOTAL FOR MAP NO. 11								6.81						35,957		71,914				
50975.3.3	Pender	12	US-117	FROM CAPE FEAR RIVER BRIDGE TO SAINT HELENA VILLAGE LIMITS		2	2WU	9.71	22	0.00	9.71				51,269		102,538			
TOTAL FOR MAP NO. 12								9.71						51,269		102,538				
50975.3.3	Pender	13	US-117	FROM I-40 OFF RAMP TO DUPLIN COUNTY LINE		5	2WU	2.72	22	23.59	26.31	1,185	425	81	14,362			28,723		
TOTAL FOR MAP NO. 13								2.72					1,185	425	81	14,362		28,723		
50975.3.3	Sampson	14	US-701	FROM TOWN OF GARLAND TO US 421		3	2WU	13.18	22	2.58	15.76				69,591			139,181		
TOTAL FOR MAP NO. 14								13.18						69,591		139,181				
50975.3.3	Sampson	15	US-701	FROM US 701 TO NEWTON GROVE TOWN LIMITS			2WU	13.81	22	21.97	35.78									
TOTAL FOR MAP NO. 15								13.81												
TOTAL FOR PROJ NO. 50975.3.3								112.51					1,185	425	81	422,524	169,720	284,920	307,402	
GRAND TOTAL								112.51					1,185	425	81	422,524	169,720	284,920	307,402	

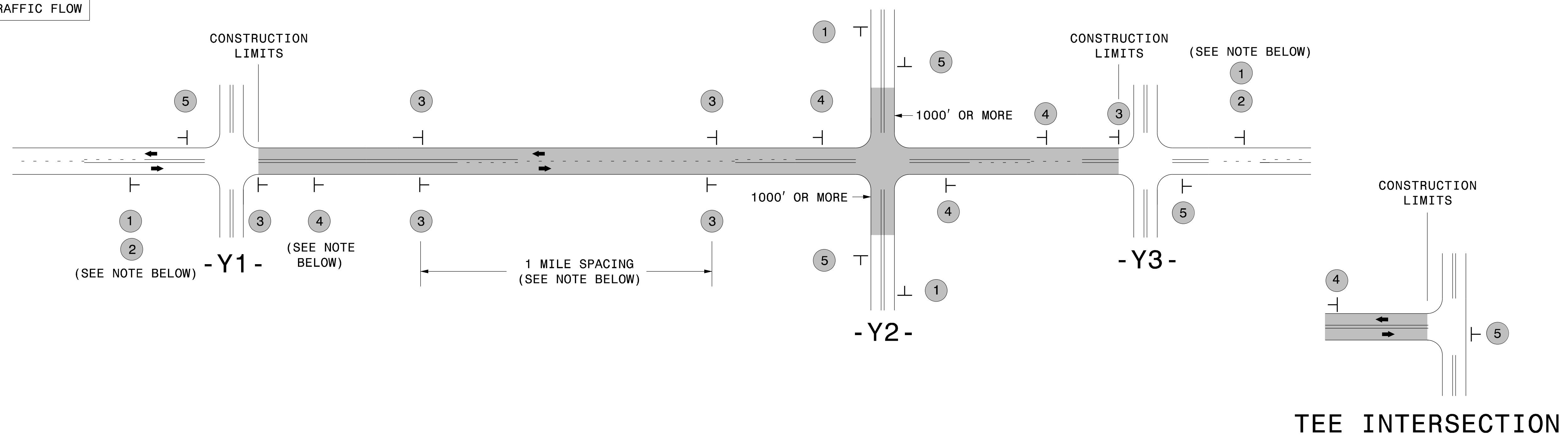
PROJECT NO.	SHEET NO.
HS-2403B	19
50975.3.3	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4688000000-E		4850000000-E
												WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X90 M YELLOW THERMO	REMOVAL OF PAVEMENT MARKING LINES (4")
												SF	LS	LF	LF	LF
50975.3.3	Onslow	1	NC-53	FROM SR 1135 MORNING SIDE DR TO PENDER COUNTY LINE		1	2WU	12.27	22	12.667	24.939	1,400	0.12	129,592	129,592	
TOTAL FOR MAP NO. 1								12.27				1,400	0.12	129,592	129,592	
50975.3.3	Pender	2	NC-53	FROM ONSLOW CO LINE TO SR 1509 STAG PARK RD		2	2WU	17.27	22	0.00	17.271	1,970	0.15	182,382	182,382	
TOTAL FOR MAP NO. 2								17.27				1,970	0.15	182,382	182,382	
50975.3.3	Onslow	3	SR-1107 / DAWSON CABIN RD	FROM NC 53 TO US 17			2WU	8.21	23	0.00	8.21	960	0.07	86,698	68,194	
TOTAL FOR MAP NO. 3								8.21				960	0.07	86,698	68,194	
50975.3.3	Onslow	4	SR-1113 / MURRILL HILL RD	FROM US 17 TO NC 53			2WU	2.69	20	0.00	2.69	310	0.02	28,428	19,600	48,028
TOTAL FOR MAP NO. 4								2.69				310	0.02	28,428	19,600	48,028
50975.3.3	Onslow	5	SR-1212 / PONY FARM RD	FROM NC 53 TO US 258			2WU	5.01	20	0.00	5.01	570	0.04	52,906	43,100	96,006
TOTAL FOR MAP NO. 5								5.01				570	0.04	52,906	43,100	96,006
50975.3.3	Onslow	6	SR-1316 / RHODESTOWN RD	FROM SR 1308 GUM BRANCH RD TO SR 1317 BRIARNECK RD			2WU	2.77	20	0.00	2.77	315	0.02	29,251	29,293	58,544
TOTAL FOR MAP NO. 6								2.77				315	0.02	29,251	29,293	58,544
50975.3.3	Onslow	7	SR-1324 / RAMSEY RD	FROM SR 1308 GUM BRANCH RD TO SR 1327 KELLUM LOOP RD		3	2WU	6.40	22	0.00	6.4	720	0.06	67,584	67,584	
TOTAL FOR MAP NO. 7								6.40				720	0.06	67,584	67,584	
50975.3.3	Onslow	8	SR-1518 / OLD FOLKSTONE RD	FROM SR 1519 OLD FOLKSTONE RD TO US 17		4	2WU	6.73	22	0.00	6.73	761	0.06	71,069	71,069	
TOTAL FOR MAP NO. 8								6.73				761	0.06	71,069	71,069	
50975.3.3	Onslow	9	SR-1519 / OLD FOLKSTONE RD	FROM SR 1518 OLD FOLKSTONE RD TO SR 1515 SNEADS FERRY RD		4	2WU	1.13	22	0.00	1.13	146	0.01	11,933	11,933	
TOTAL FOR MAP NO. 9								1.13				146	0.01	11,933	11,933	
50975.3.3	Duplin	10	US-117	FROM ROSE HILL TOWN LIMITS TO MAGNOLIA TOWN LIMITS		1	2WU	3.80	22	8.87	12.67	450	0.03	40,128	40,128	
TOTAL FOR MAP NO. 10								3.80				450	0.03	40,128	40,128	
50975.3.3	Duplin	11	US-117	FROM WARSAW TOWN LIMITS TO FAISON TOWN LIMITS		3	2WU	6.81	22	21.85	28.66	800	0.06	71,914	71,914	
TOTAL FOR MAP NO. 11								6.81				800	0.06	71,914	71,914	
50975.3.3	Pender	12	US-117	FROM CAPE FEAR RIVER BRIDGE TO SAINT HELENA VILLAGE LIMITS		2	2WU	9.71	22	0.00	9.71	1,100	0.09	102,538	102,538	
TOTAL FOR MAP NO. 12								9.71				1,100	0.09	102,538	102,538	
50975.3.3	Pender	13	US-117	FROM I-40 OFF RAMP TO DUPLIN COUNTY LINE		5	2WU	2.72	22	23.59	26.31	350	0.03	28,723	28,723	
TOTAL FOR MAP NO. 13								2.72				350	0.03	28,723	28,723	
50975.3.3	Sampson	14	US-701	FROM TOWN OF GARLAND TO US 421		3	2WU	13.18	22	2.58	15.76	1,500	0.12	139,181	139,181	
TOTAL FOR MAP NO. 14								13.18				1,500	0.12	139,181	139,181	
50975.3.3	Sampson	15	US-701	FROM US 701 TO NEWTON GROVE TOWN LIMITS			2WU	13.81	22	21.97	35.78	1,560	0.12	145,834	145,834	
TOTAL FOR MAP NO. 15								13.81				1,560	0.120	145,834	145,834	
TOTAL FOR PROJ NO. 50975.3.3								112.51				12,912	1.000	1,188,161	1,151,065	202,578
												2,339,226				
GRAND TOTAL								112.51				12,912	1.000	1,188,161	1,151,065	202,578
												2,339,226				

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

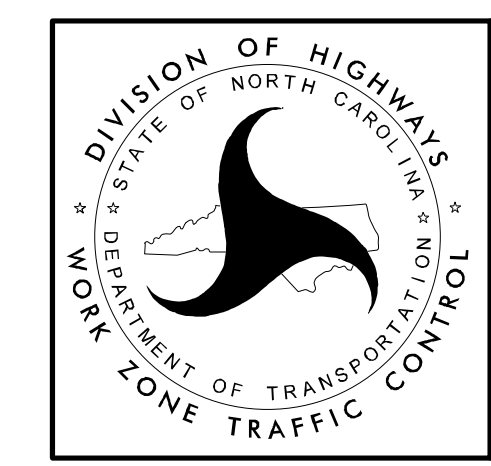
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3		- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4		- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING