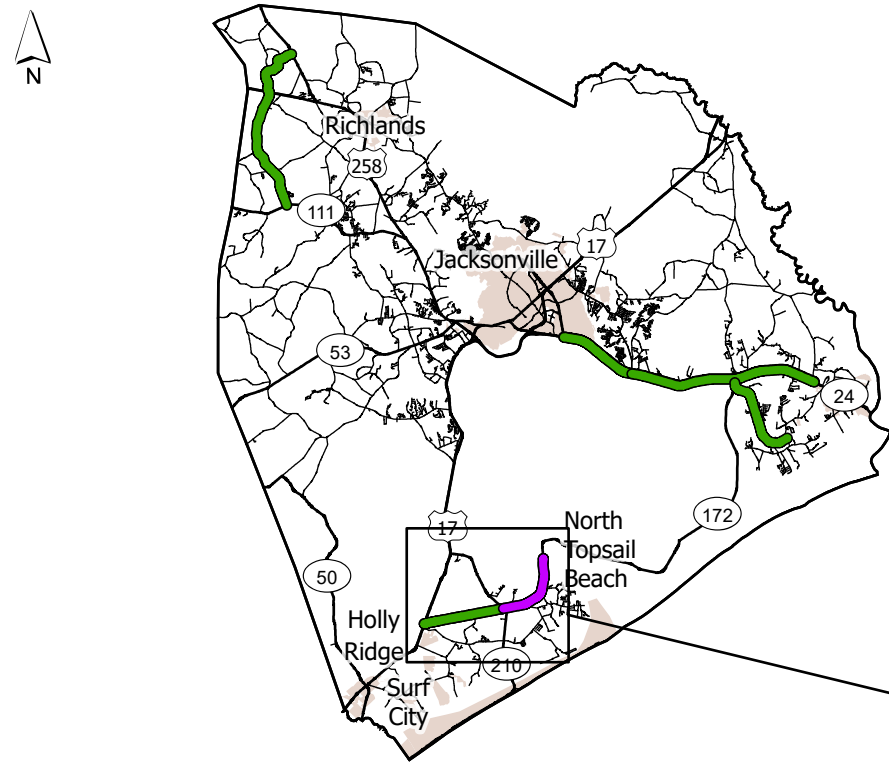


TIP: HS-2403AJ

WBS NO: 50975.3.37



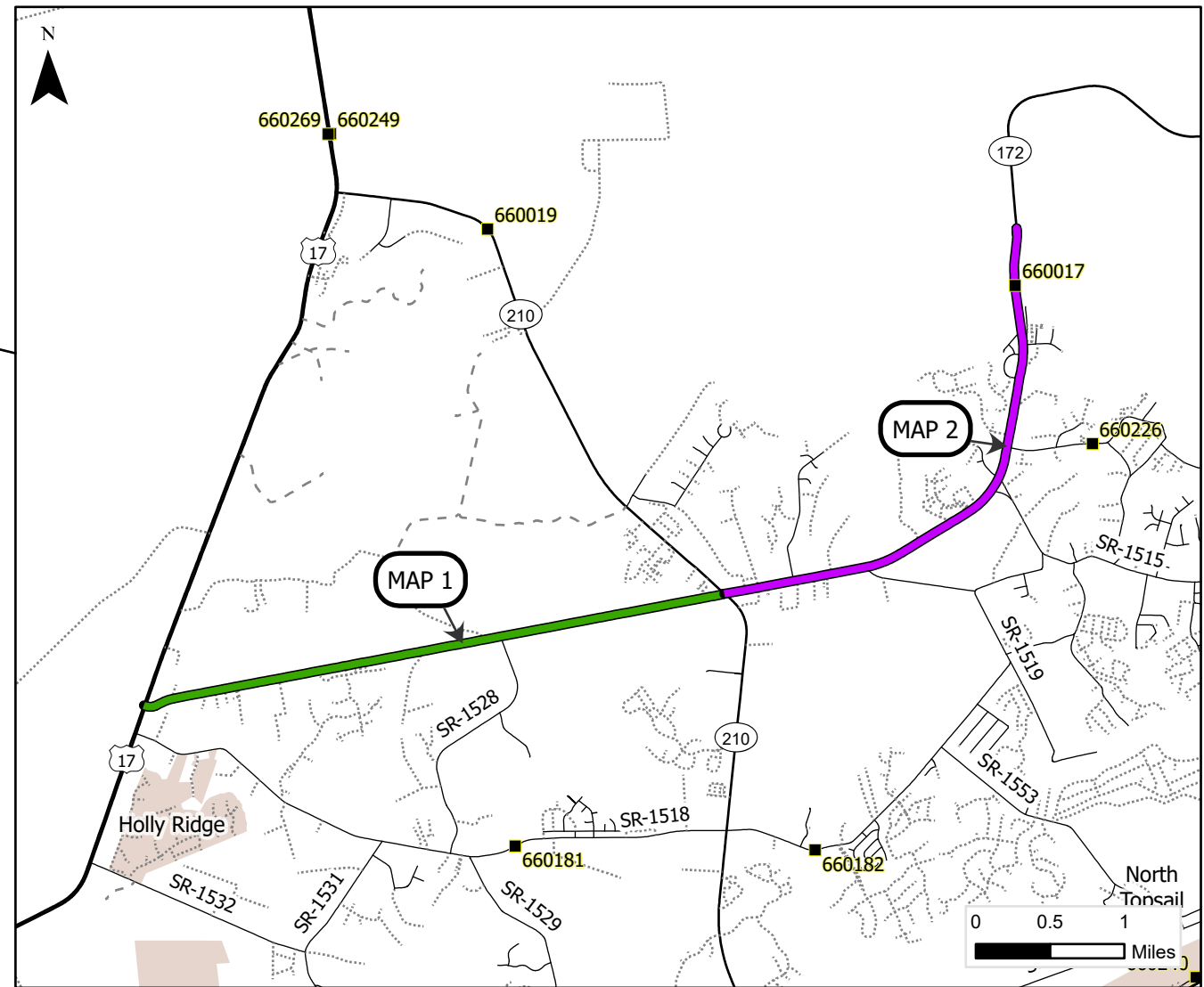
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY

TYPE OF WORK: Rumble Installation & Wide Lines

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.37	1
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation
- Wide Lines Only

MAP	ROUTE	DESCRIPTION	TYPE
1	NC 172	FROM US HWY 17 TO NC HWY 210 [MP 0.00 - MP 3.99]	Rumble Installation
2	NC 172	FROM NC HWY 210 TO END OF BRIDGE NO. 17 (CAMP LEJEUNE BACK GATE) [MP 3.99 - MP 7.76]	Wide Lines Only



PROJECT LENGTH

MAP	MILES
1	3.99
2	3.77

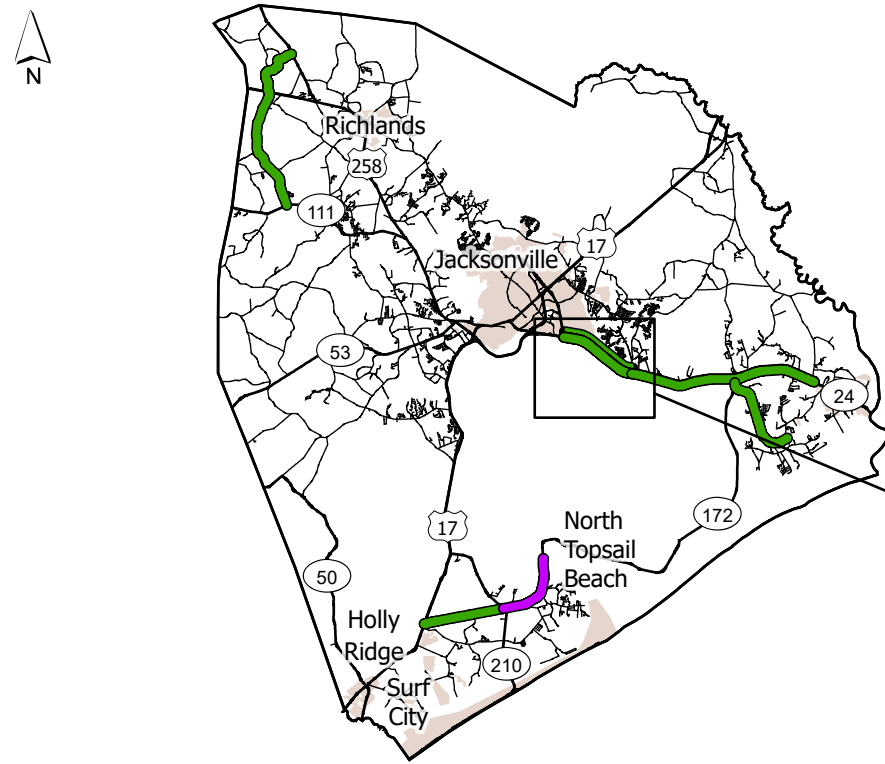
Prepared in the Office of:
DIVISION OF HIGHWAYS
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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TIP: HS-2403AJ

WBS NO: 50975.3.37



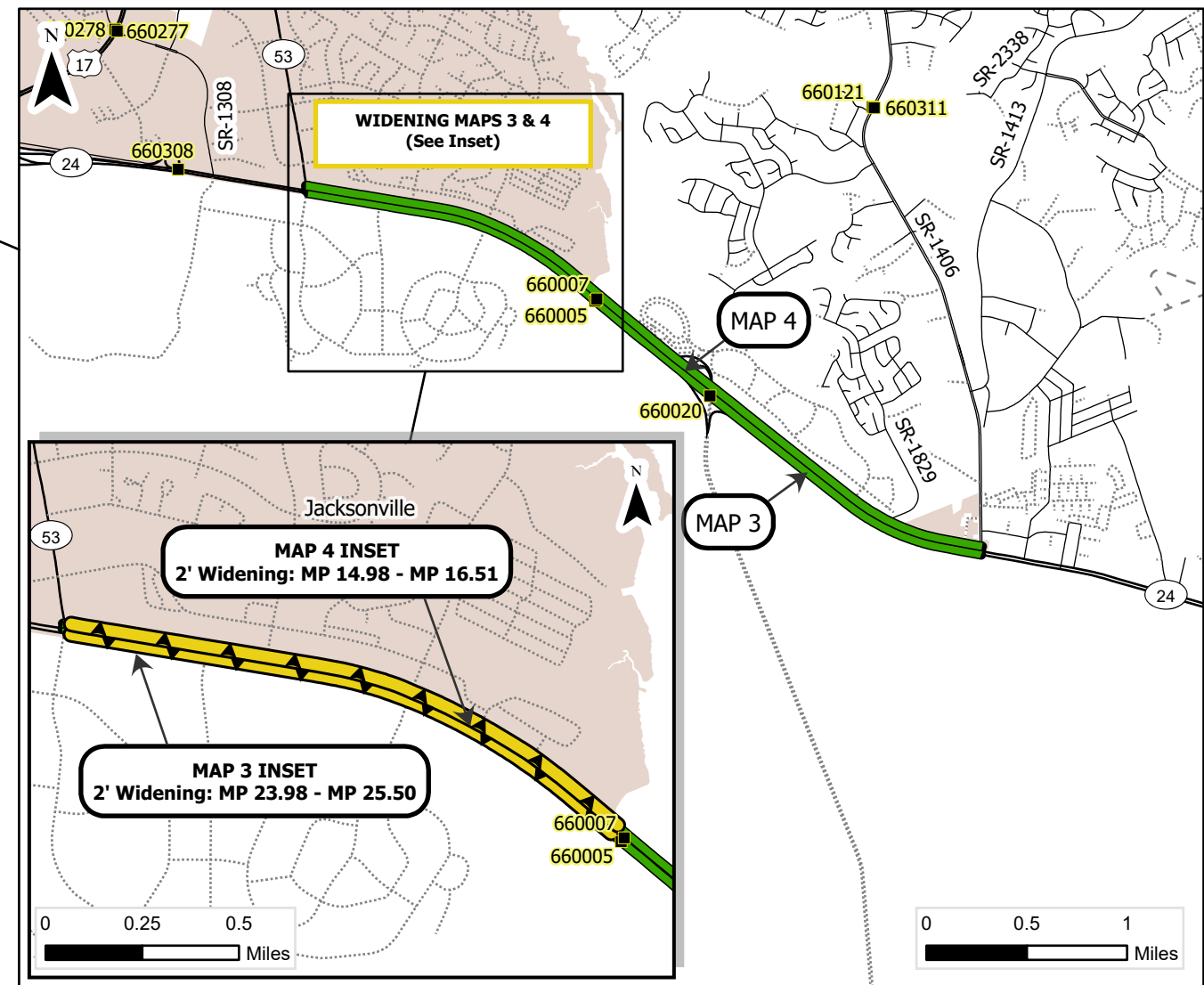
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.37	2
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation
- Widening

MAP	ROUTE	DESCRIPTION	TYPE
3	NC 24 E (LEJEUNE BLVD / FREEDOM WAY)	FROM NC HWY 53 (WESTERN BLVD) TO SR 1406 (PINEY GREEN RD) [MP 23.97 - MP 27.87]	Rumble Installation
4	NC 24 W (LEJEUNE BLVD / FREEDOM WAY)	FROM SR 1406 (PINEY GREEN RD) TO NC HWY 53 (WESTERN BLVD) [MP 12.62 - MP 16.53]	Rumble Installation



PROJECT LENGTH

MAP	MILES
3	3.90
4	3.91

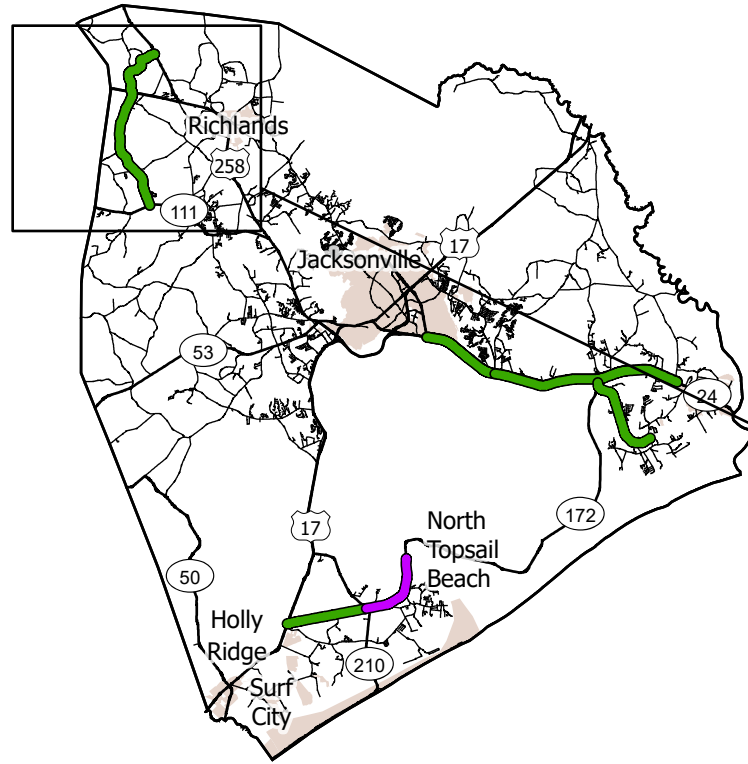
Prepared in the Office of:
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5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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TIP: HS-2403AK

WBS NO: 50975.3.38



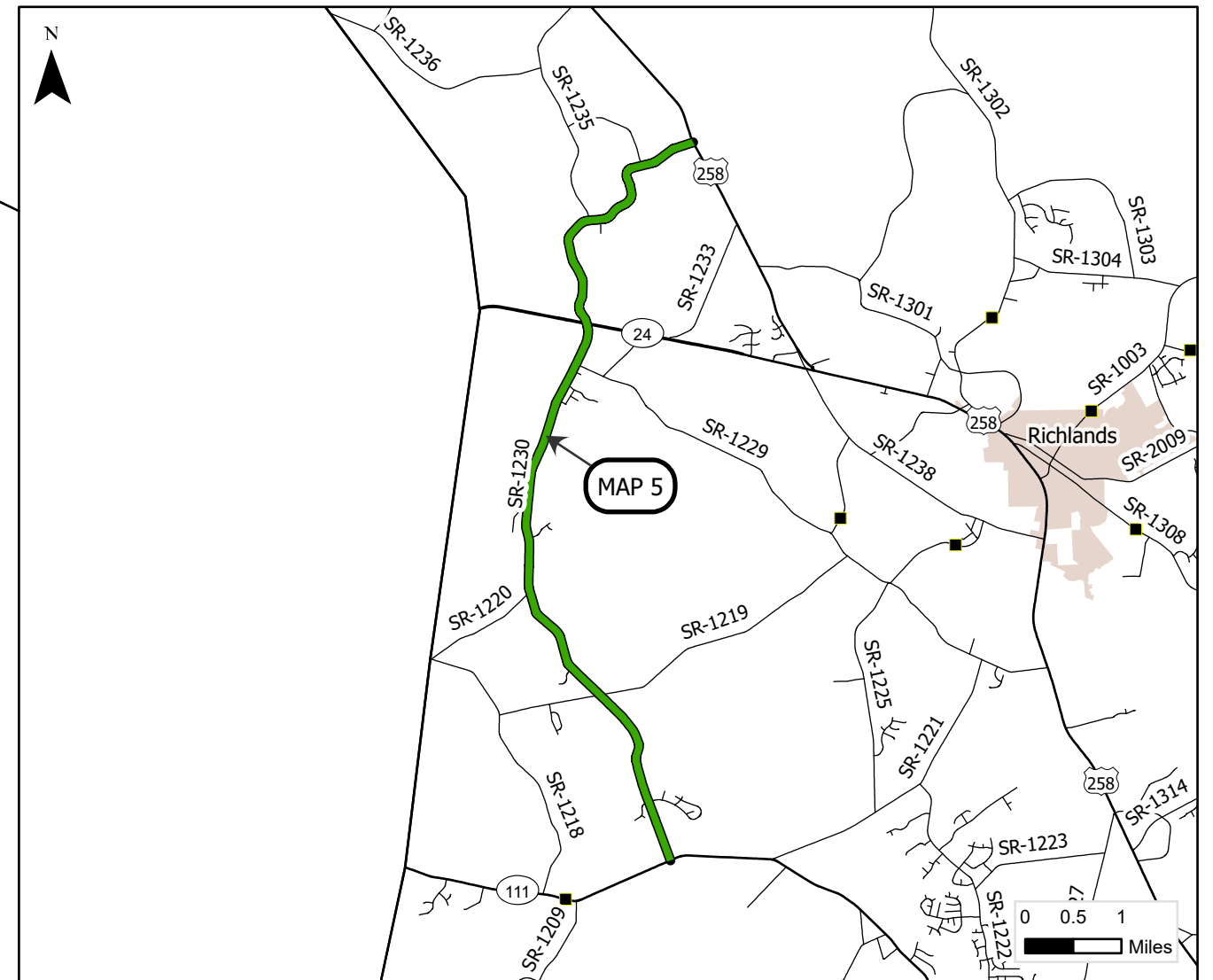
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY

TYPE OF WORK: *Rumble Installation*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.38	3
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
5	SR 1230 (HAW BRANCH RD)	FROM NC HWY 111 (CATHERINE LAKE RD) TO US HWY 258 (KINSTON HWY) [MP 0.00 – MP 8.99]	Rumble Installation



PROJECT LENGTH

MAP	MILES
5	8.99

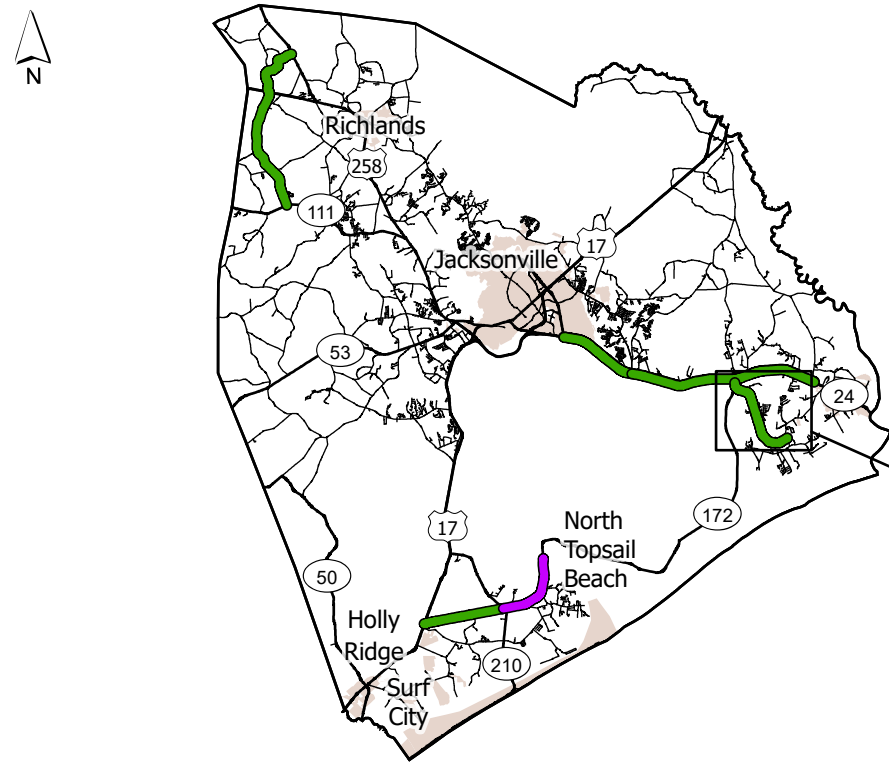
Prepared in the Office of:
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TIP: HS-2403AK

WBS NO: 50975.3.38



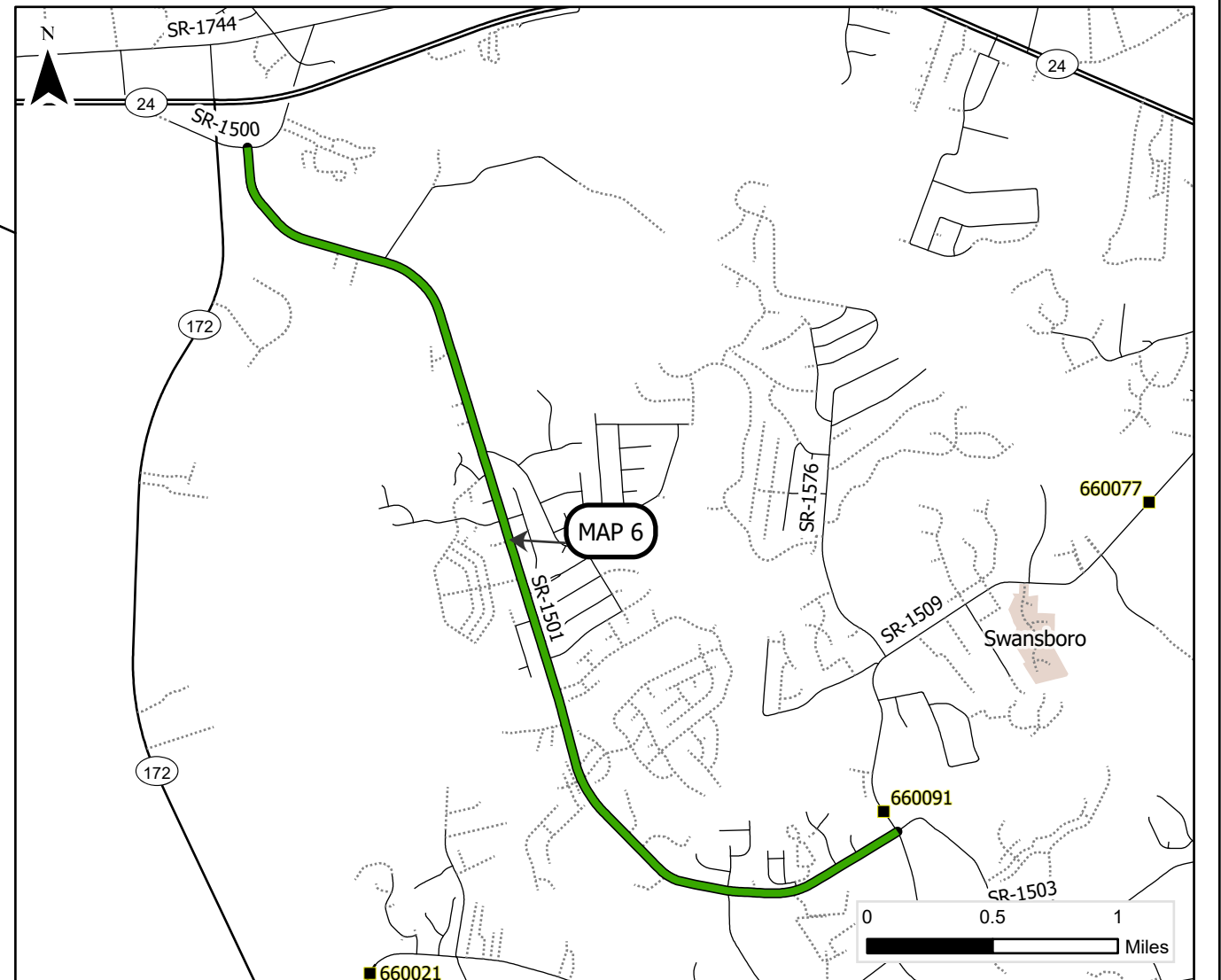
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.38	4
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
6	SR 1501 (SAND RIDGE RD)	FROM SR 1509 (QUEENS CREEK RD) TO SR 1500 (STARLING RD) [MP 0.00 – MP 4.56]	Rumble Installation



PROJECT LENGTH

MAP	MILES
6	4.56

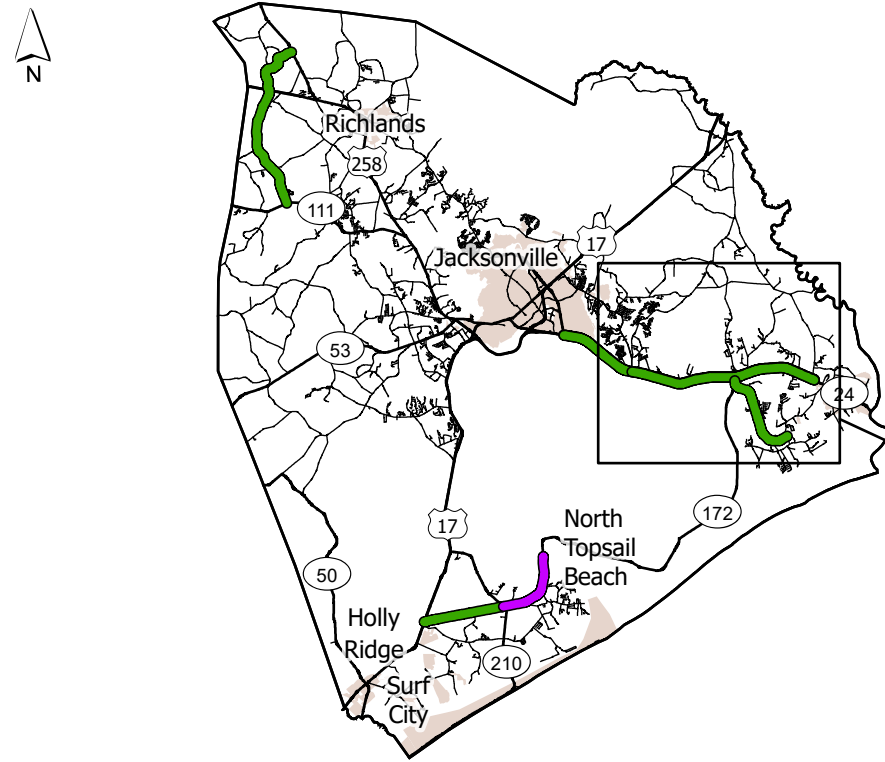
Prepared in the Office of:
DIVISION OF HIGHWAYS
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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TIP: HS-2403BB

WBS NO: 50975.3.55



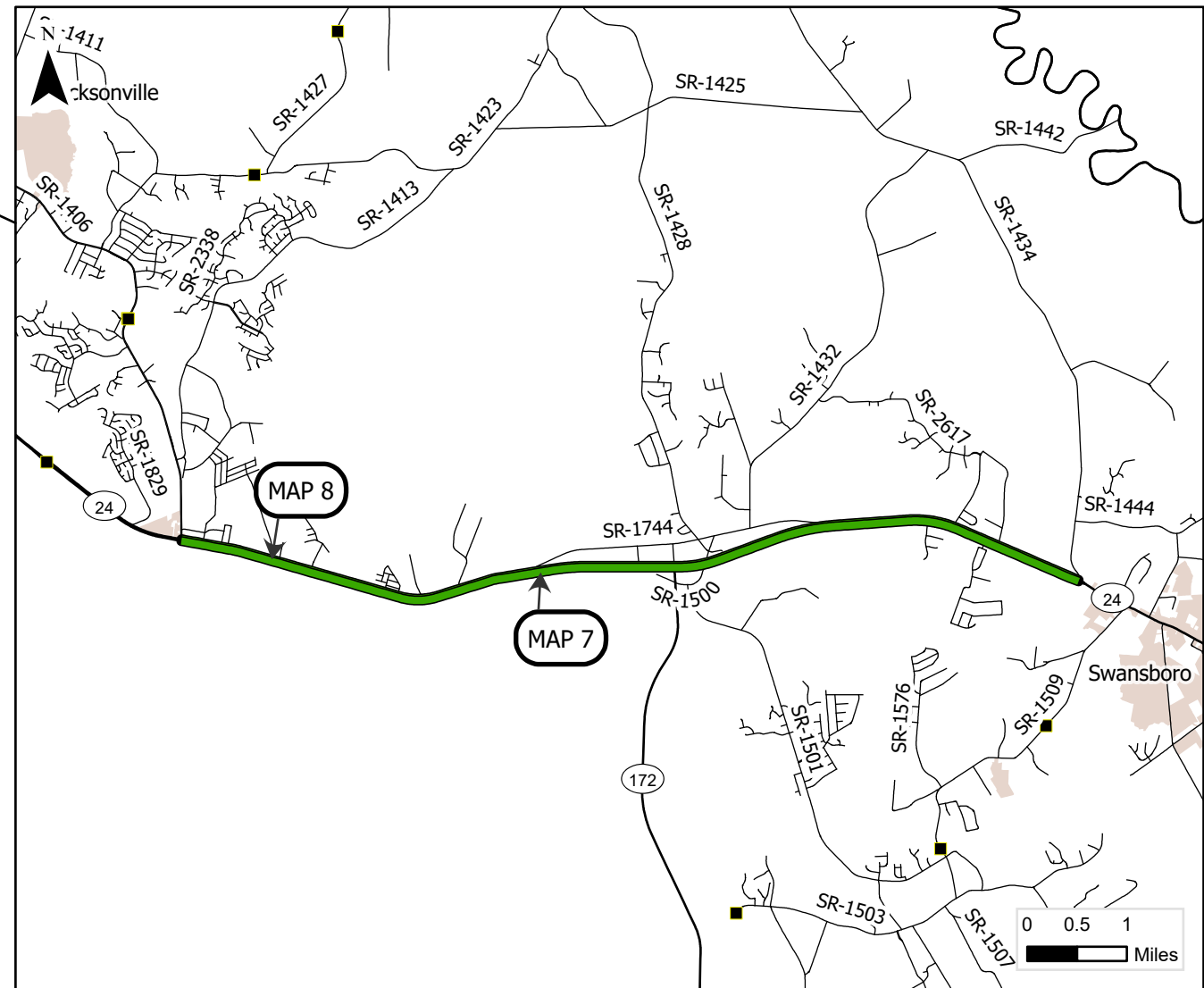
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.55	5
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
7	NC 24 E (FREEDOM WAY)	FROM SR 1406 (PINEY GREEN RD) TO SR 1434 (BELGRADE-SWANSBORO RD) [MP 27.87 - MP 37.17]	Rumble Installation
8	NC 24 W (FREEDOM WAY)	FROM SR 1434 (BELGRADE-SWANSBORO RD) TO SR 1406 (PINEY GREEN RD) [MP 3.32 - MP 12.62]	Rumble Installation



PROJECT LENGTH

MAP	MILES
7	9.30
8	9.30

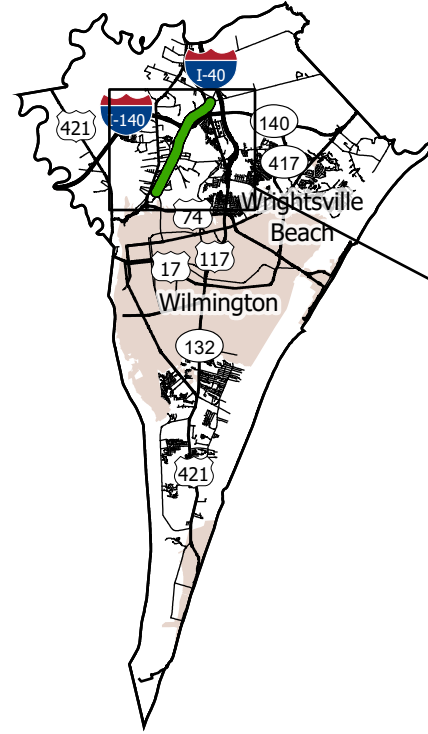
Prepared in the Office of:
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5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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TIP: HS-2403AL

WBS NO: 50975.3.39



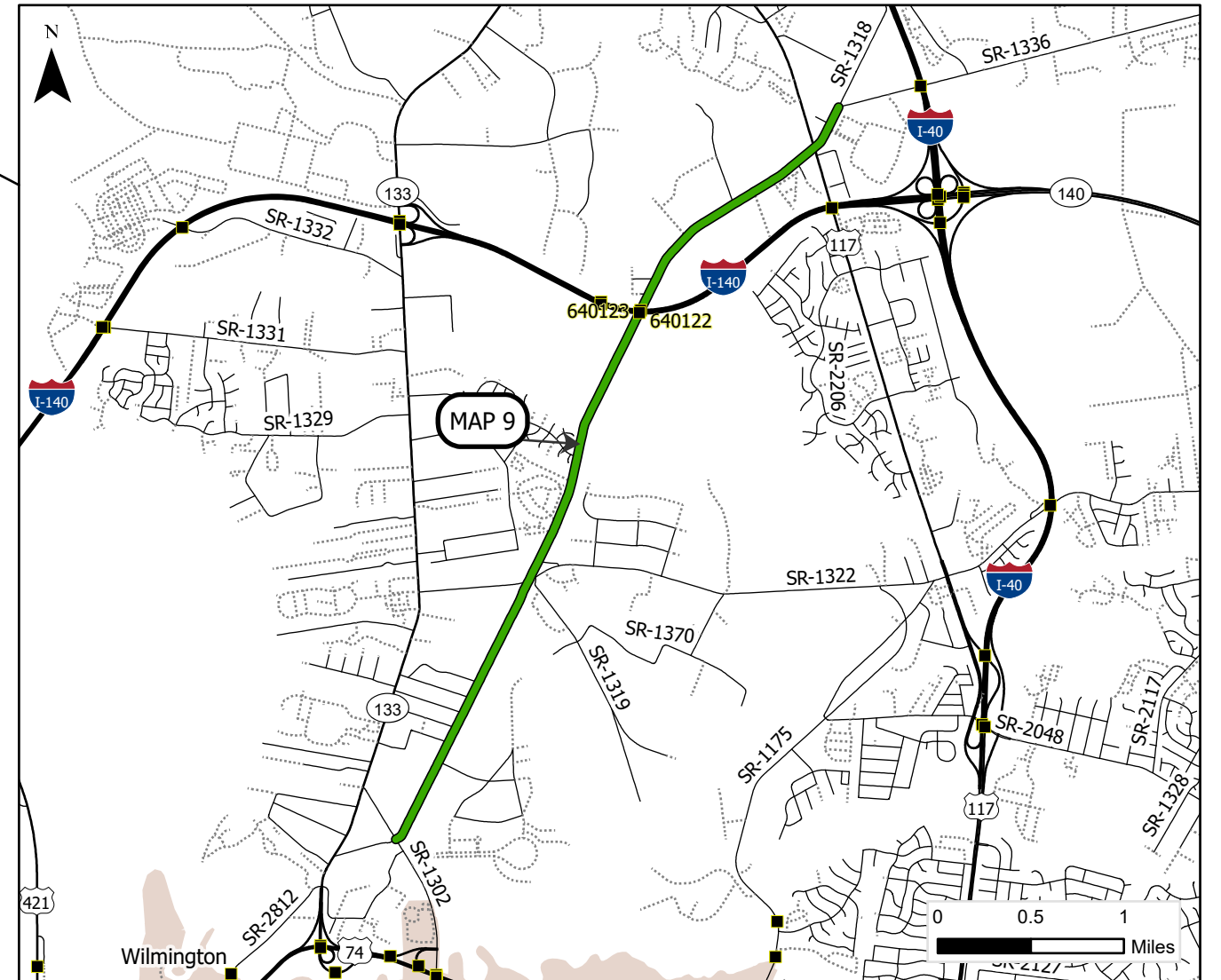
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NEW HANOVER COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.39	6
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
9	SR 1318 (BLUE CLAY RD)	FROM SR 1302 (23RD ST) TO SR 1336 (SIDBURY RD) [MP 0.00 - MP 4.71]	Rumble Installation



PROJECT LENGTH

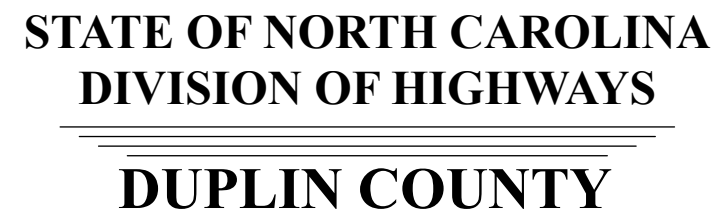
MAP	MILES
9	4.71

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WBS NO: 50975.3.20



TYPE OF WORK: *Rumble Installation*

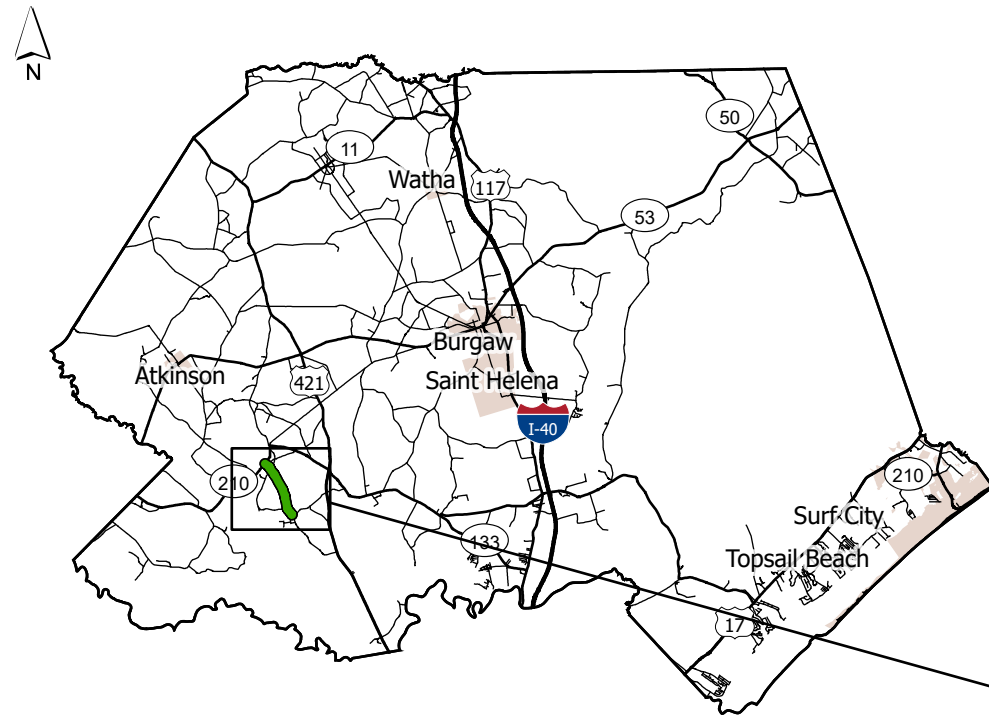
- Rumble Installation
- Division 3 Bridges

[illegible]

<i>PROJECT LENGTH</i>		Prepared in the Office of: <i>DIVISION OF HIGHWAYS</i> 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429						
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11	0.04							

TIP: HS-2403V

WBS NO: 50975.3.23



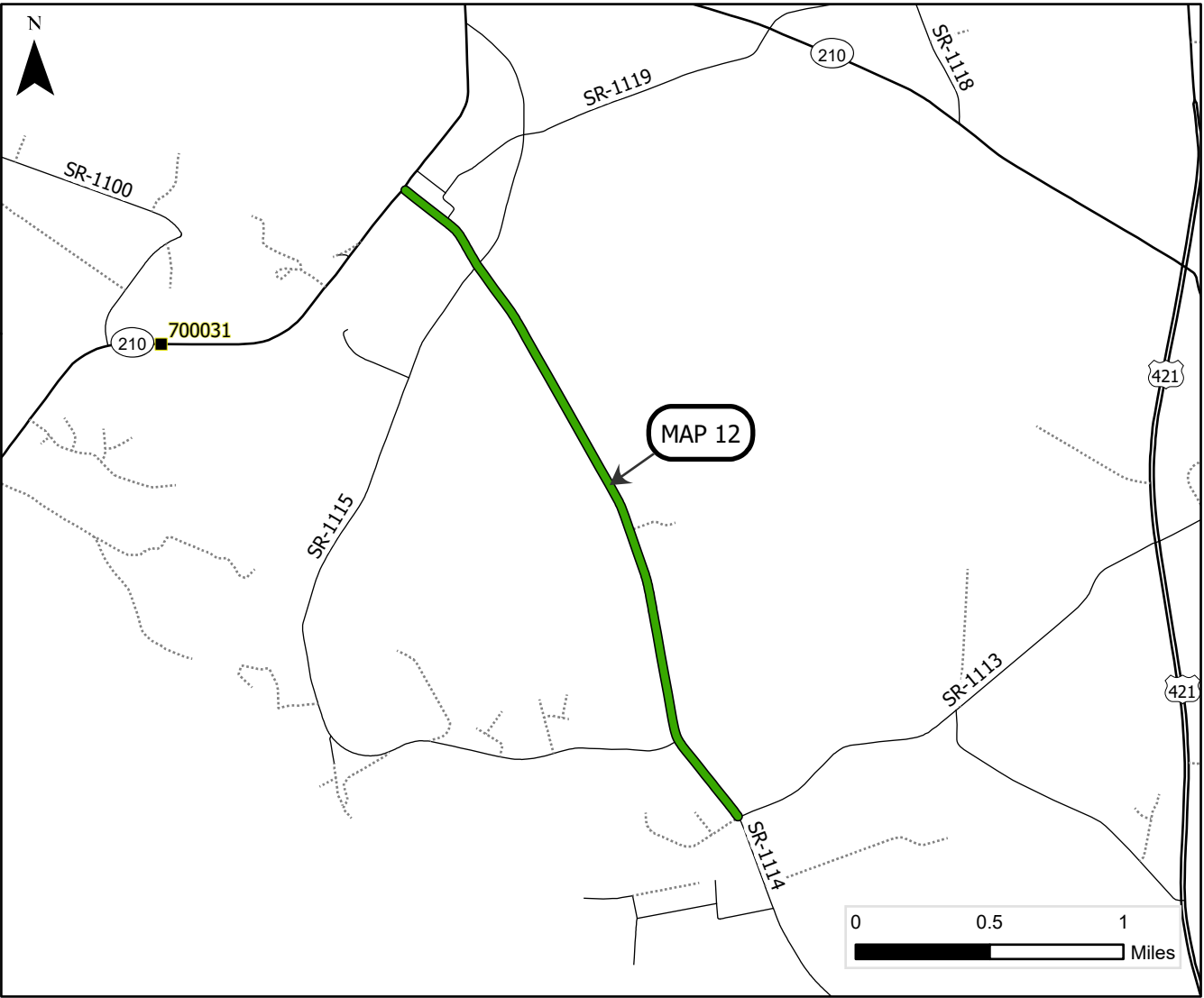
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PENDER COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.23	8
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
12	SR 1114 (BLUEBERRY RD)	FROM SR 1113 (MONTAGUE RD) TO NC HWY 210 [MP 3.00 - MP 5.71]	Rumble Installation



PROJECT LENGTH

MAP	MILES
12	2.71

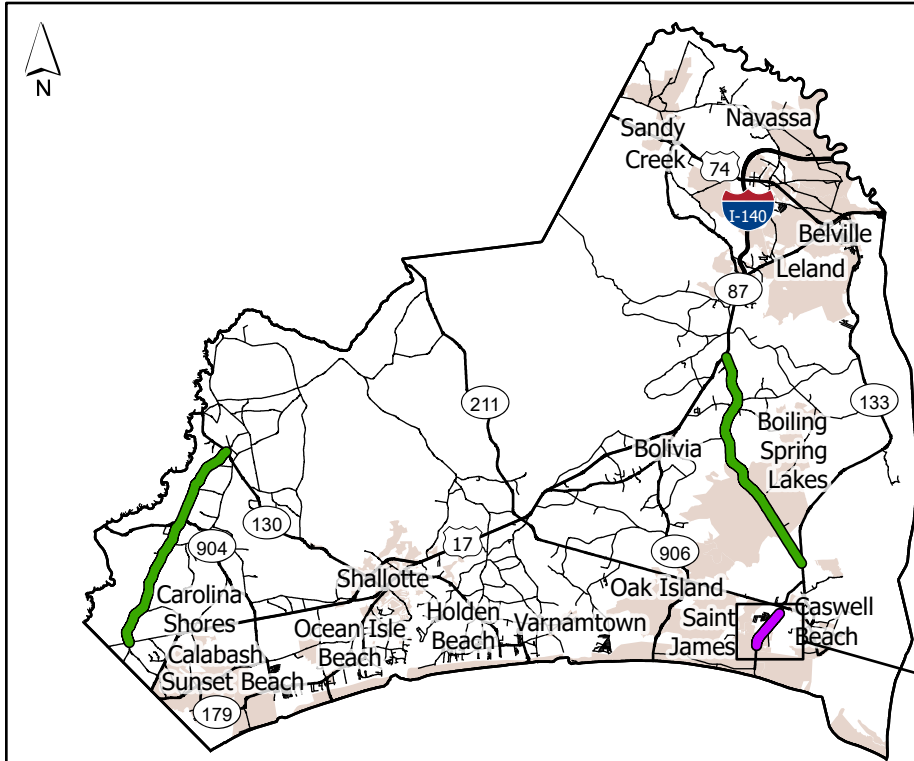
Prepared in the Office of:
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TIP: HS-2403W

WBS NO: 50975.3.24



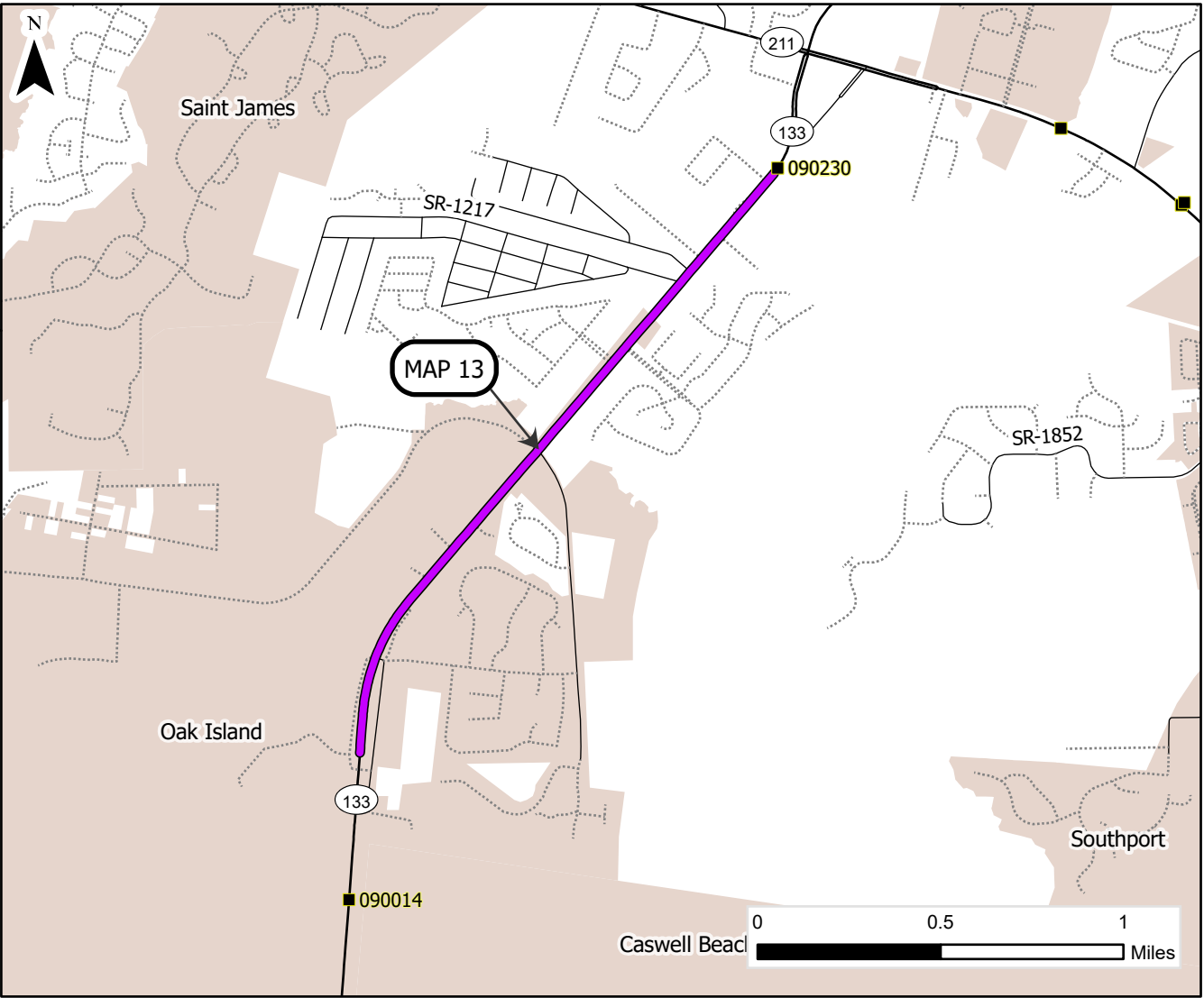
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BRUNSWICK COUNTY

TYPE OF WORK: Wide Lines Only

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.24	9
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Wide Lines Only

MAP	ROUTE	DESCRIPTION	TYPE
13	NC 133 (LONG BEACH RD)	FROM END OF BRIDGE NO. 14 OVER INTRACOASTAL WATERWAY TO START OF BRIDGE NO. 230 [MP 1.14 - MP 3.12]	Wide Lines Only



PROJECT LENGTH

MAP	MILES
13	1.98

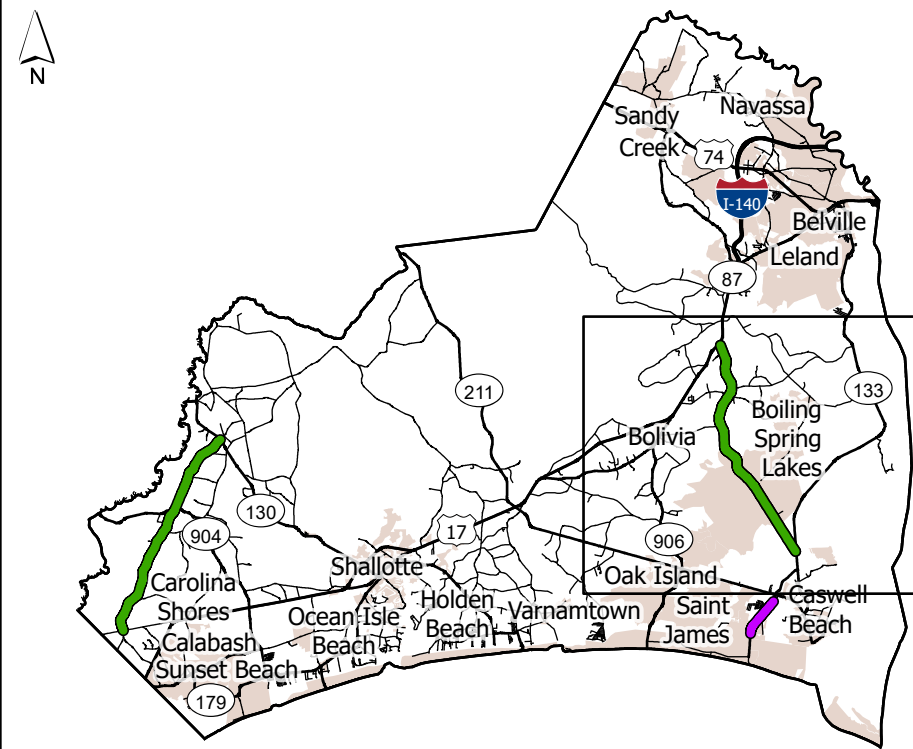
Prepared in the Office of:
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TIP: HS-2403W

WBS NO: 50975.3.24



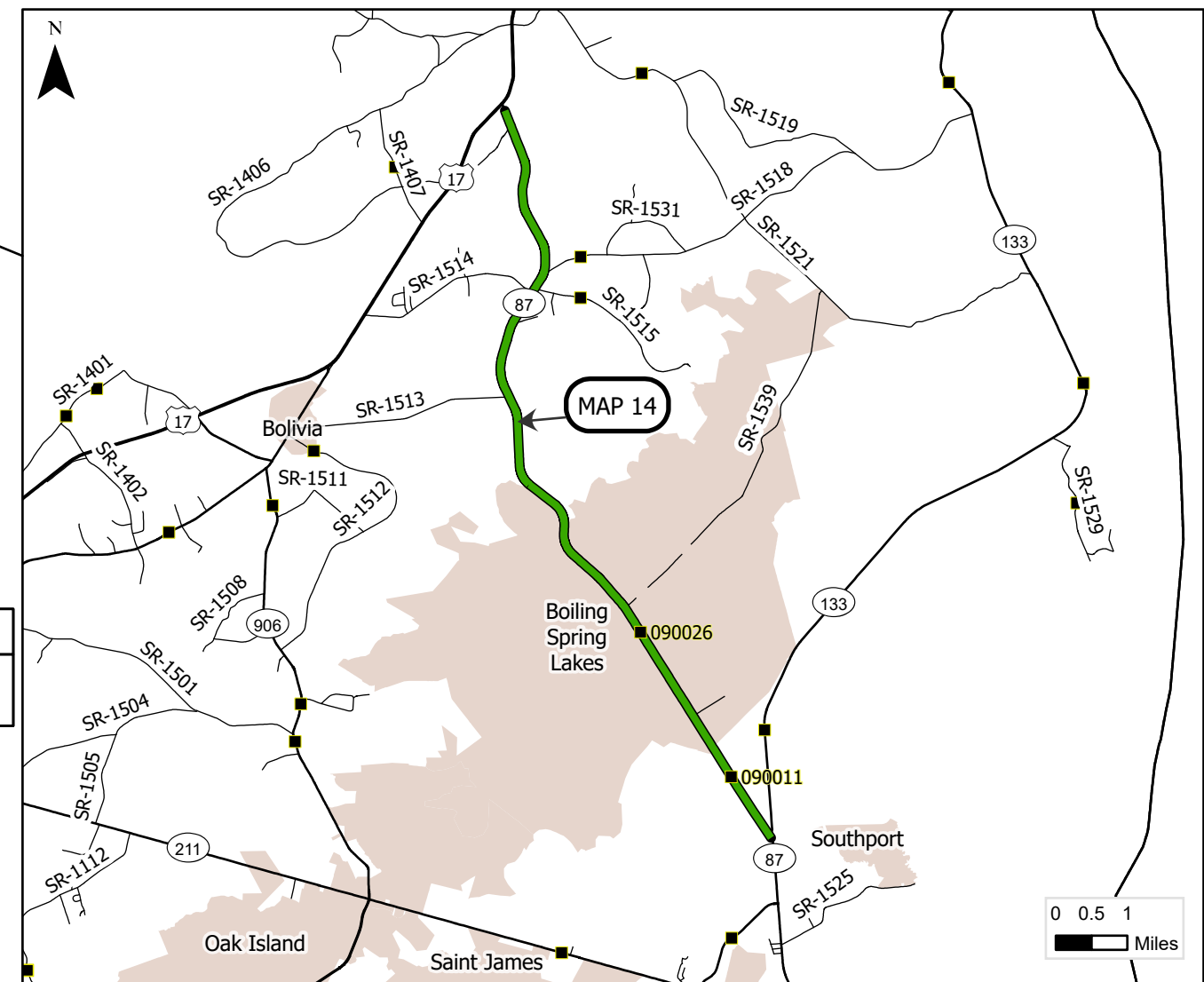
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BRUNSWICK COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.24	10
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
14	NC 87 (GEORGE II HWY)	FROM NC HWY 133 TO US HWY 17 [MP 3.31 - MP 14.99]	Rumble Installation



PROJECT LENGTH

MAP	MILES
14	11.68

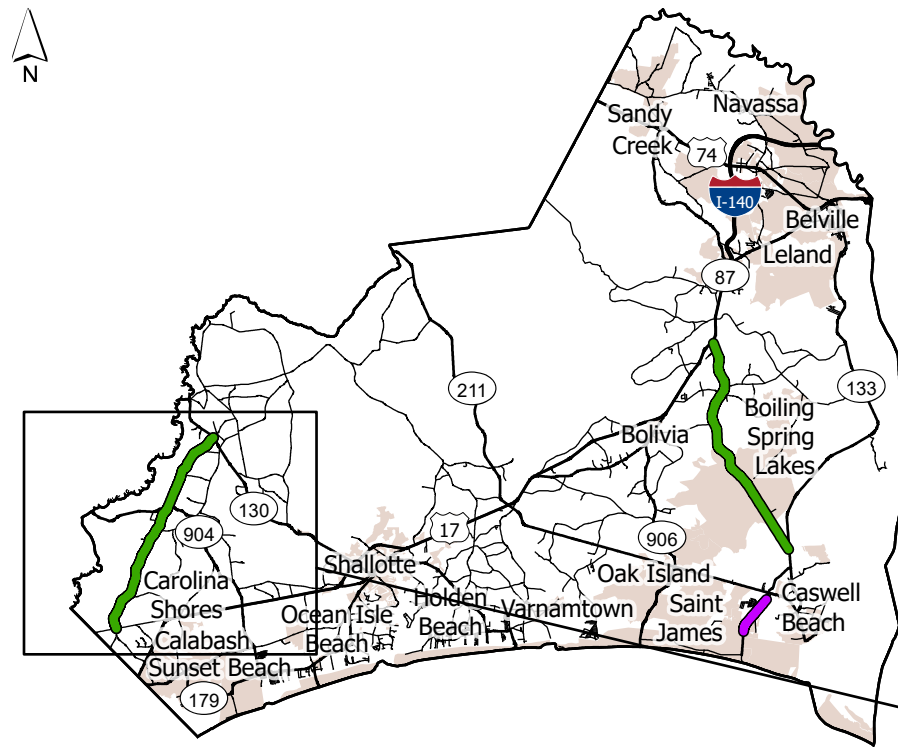
Prepared in the Office of:
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TIP: HS-2403X

WBS NO: 50975.3.25



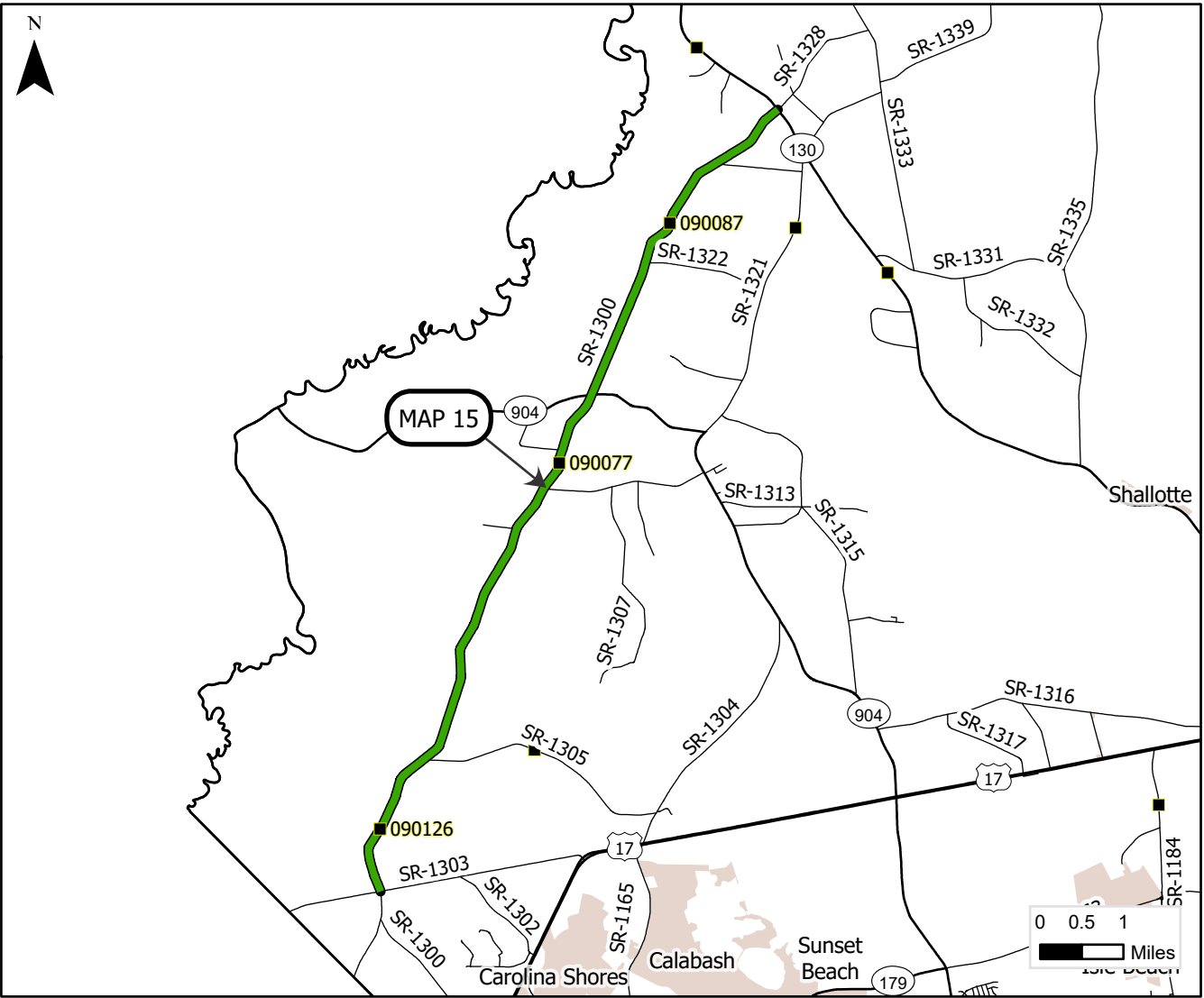
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BRUNSWICK COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.25	11
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
15	SR 1300 (ASH-LITTLE RIVER RD NW)	FROM NC HWY 130 TO SR 1303 (HICKMAN RD) [MP 0.00 - MP 11.02]	Rumble Installation



PROJECT LENGTH

MAP	MILES
15	11.02

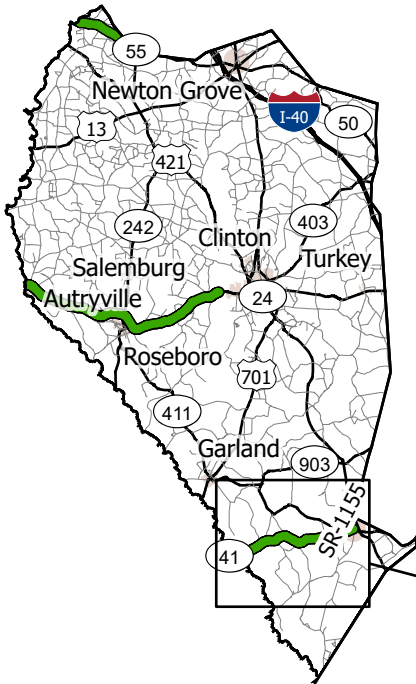
Prepared in the Office of:
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TIP: HS-2403Y

WBS NO: 50975.3.26



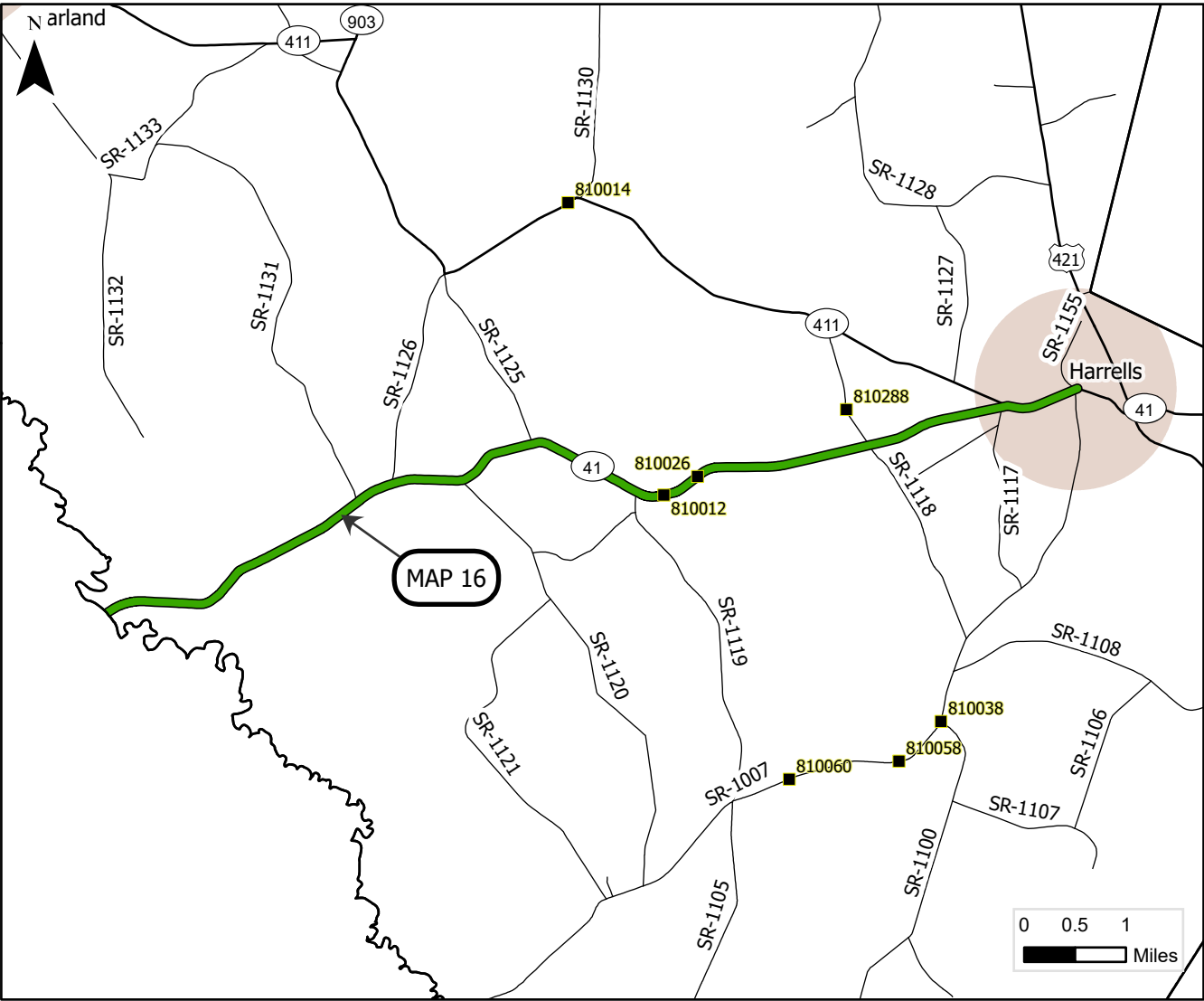
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SAMPSON COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.26	12
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
16	NC 41 (TOMAHAWK HWY)	FROM BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	Rumble Installation



PROJECT LENGTH

MAP	MILES
16	10.41

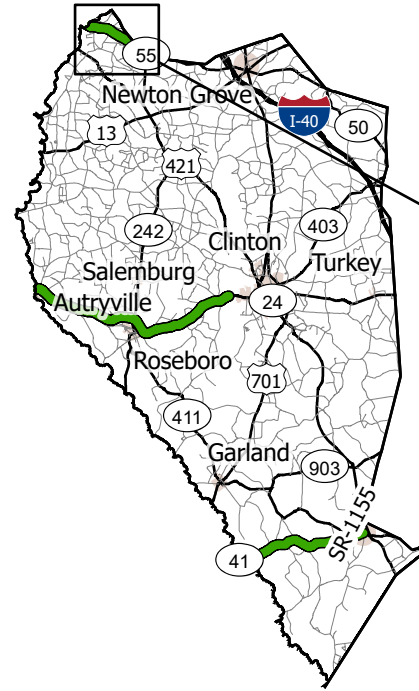
Prepared in the Office of:
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TIP: HS-2403Y

WBS NO: 50975.3.26



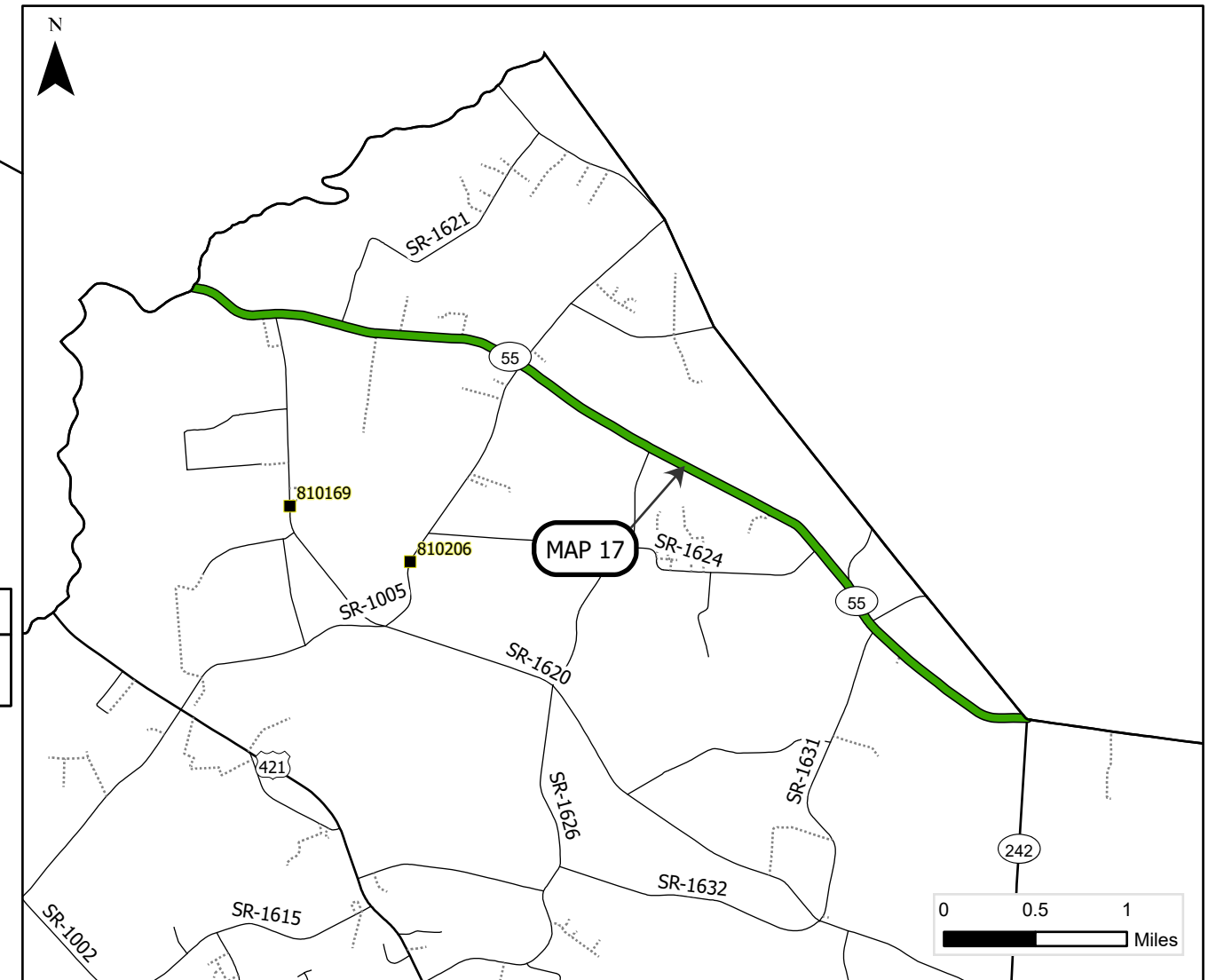
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SAMPSON COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.26	13
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
17	NC 55 (HARNETT-DUNN HWY)	FROM JOHNSTON COUNTY LINE TO HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	Rumble Installation



PROJECT LENGTH

MAP	MILES
17	5.36

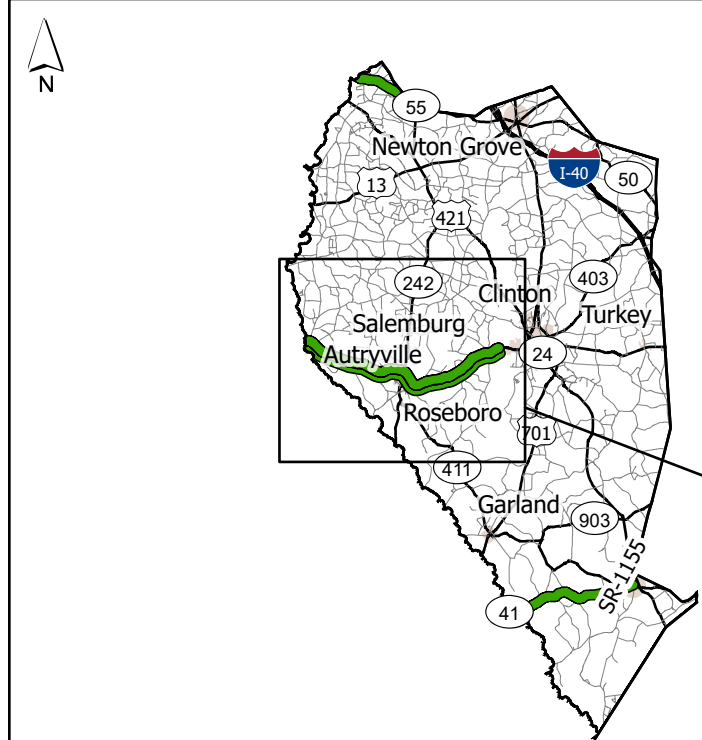
Prepared in the Office of:
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TIP: HS-2403Z

WBS NO: 50975.3.27



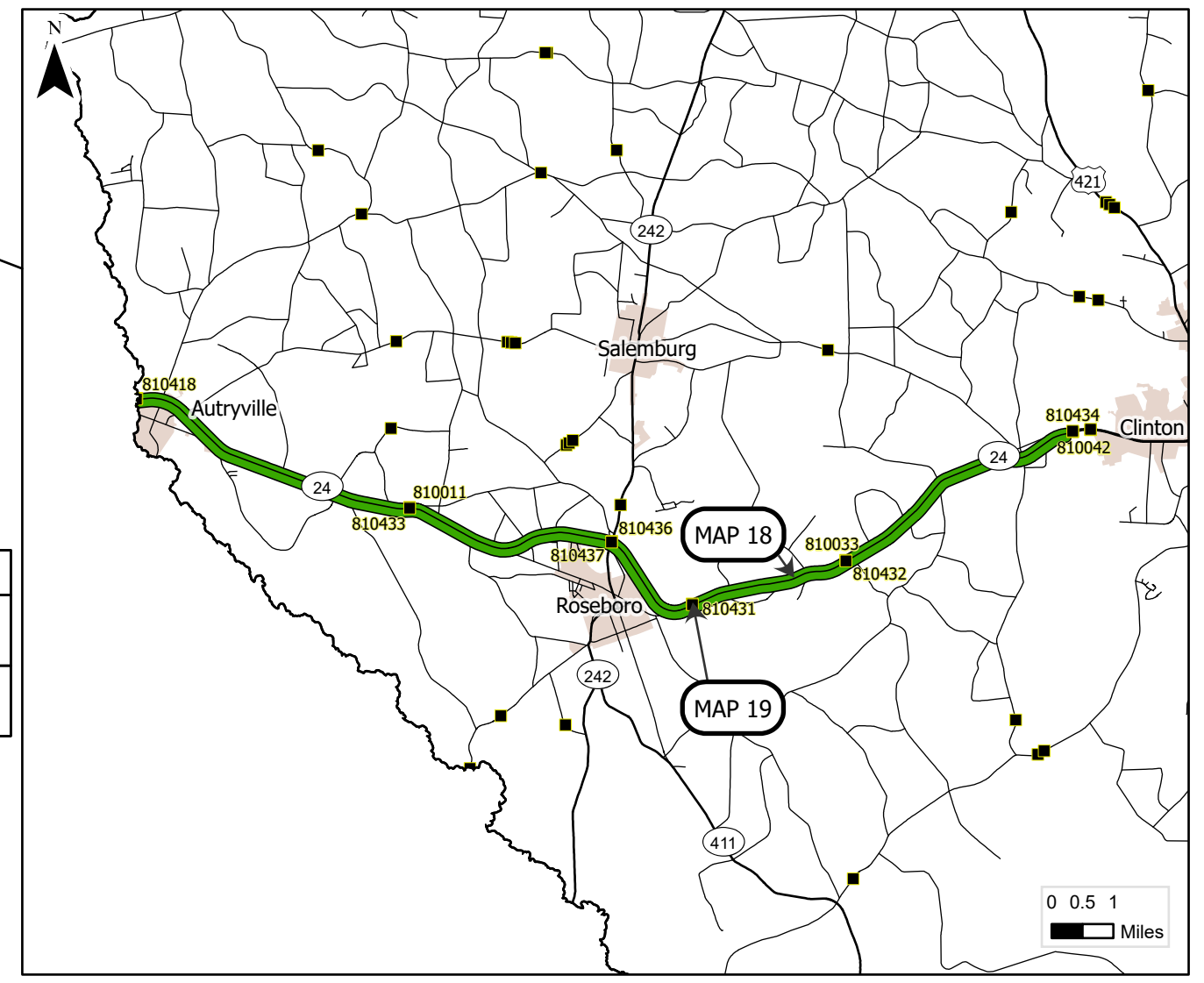
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SAMPSON COUNTY

TYPE OF WORK: Rumble Installation

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	50975.3.27	14
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
18	NC 24 E (ROSEBORO HWY)	FROM CUMBERLAND COUNTY LINE TO START OF BRIDGE NO. 42 [MP 0.00 - MP 17.13]	Rumble Installation
19	NC 24 W (AUTRY HWY)	FROM END OF BRIDGE NO. 434 TO CUMBERLAND COUNTY LINE [MP 14.03 - MP 31.14]	Rumble Installation



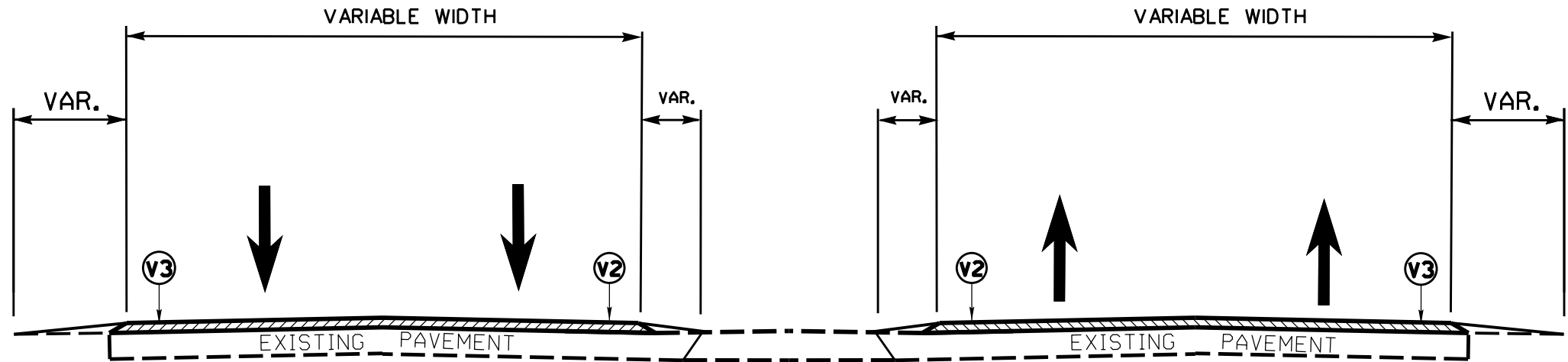
PROJECT LENGTH		Prepared in the Office of: DIVISION OF HIGHWAYS 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429						
<table><tr><th>MAP</th><th>MILES</th></tr><tr><td>18</td><td>17.13</td></tr><tr><td>19</td><td>17.11</td></tr></table>		MAP		MILES	18	17.13	19	17.11
MAP	MILES							
18	17.13							
19	17.11							

8/17/99

REVISIONS

SYSTEMS
DESIGN
INC.

PROJECT REFERENCE NO.		SHEET NO.
HS-2403AJ	WBS: 50975.3.37	16
HS-2403BB	WBS: 50975.3.55	
HS-2403Z	WBS: 50975.3.27	



TYPICAL SECTION NO. 2

MAP NO. 3
NC 24 E (LEJEUNE BLVD/FREEDOM WAY) (ONSLOW)
MP 25.50 - MP 27.87

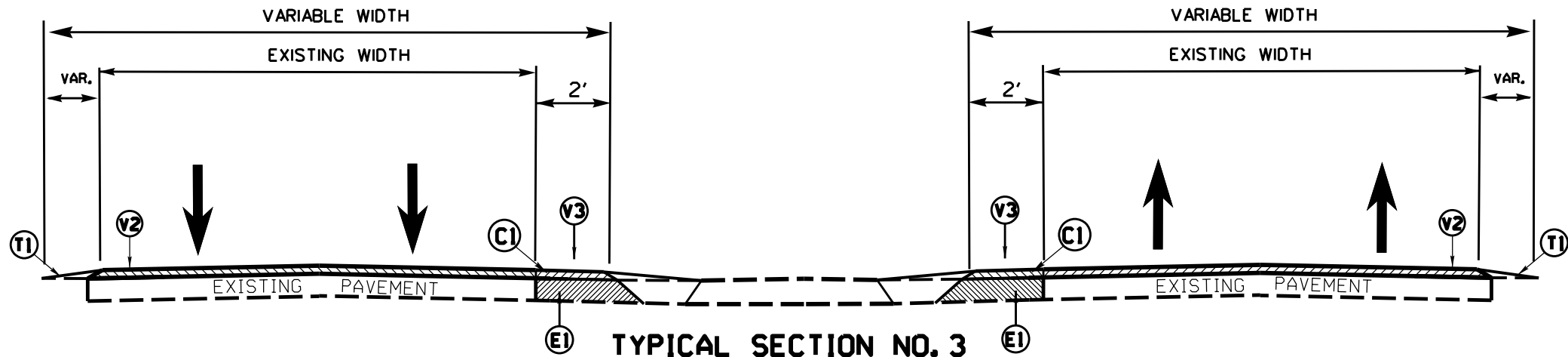
MAP NO. 4
NC 24 W (LEJEUNE BLVD/FREEDOM WAY) (ONSLOW)
MP 12.62 - MP 14.98

MAP NO. 7
NC 24 E (FREEDOM WAY) (ONSLOW)
MP 27.87 - MP 37.17

MAP NO. 8
NC 24 W (FREEDOM WAY) (ONSLOW)
MP 3.32 - MP 12.62

MAP NO. 18
NC 24 E (ROSEBORO HWY) (SAMPSON)
MP 0.00 - MP 17.13

MAP NO. 19
NC 24 W (AUTRY HWY) (SAMPSON)
MP 14.03 - MP 31.14



TYPICAL SECTION NO. 3

MAP NO. 3
NC 24 E (LEJEUNE BLVD/FREEDOM WAY) (ONSLOW)
MP 23.97 - MP 25.50

MAP NO. 4
NC 24 W (LEJEUNE BLVD/FREEDOM WAY) (ONSLOW)
MP 14.98 - MP 16.51

PAVEMENT SCHEDULE

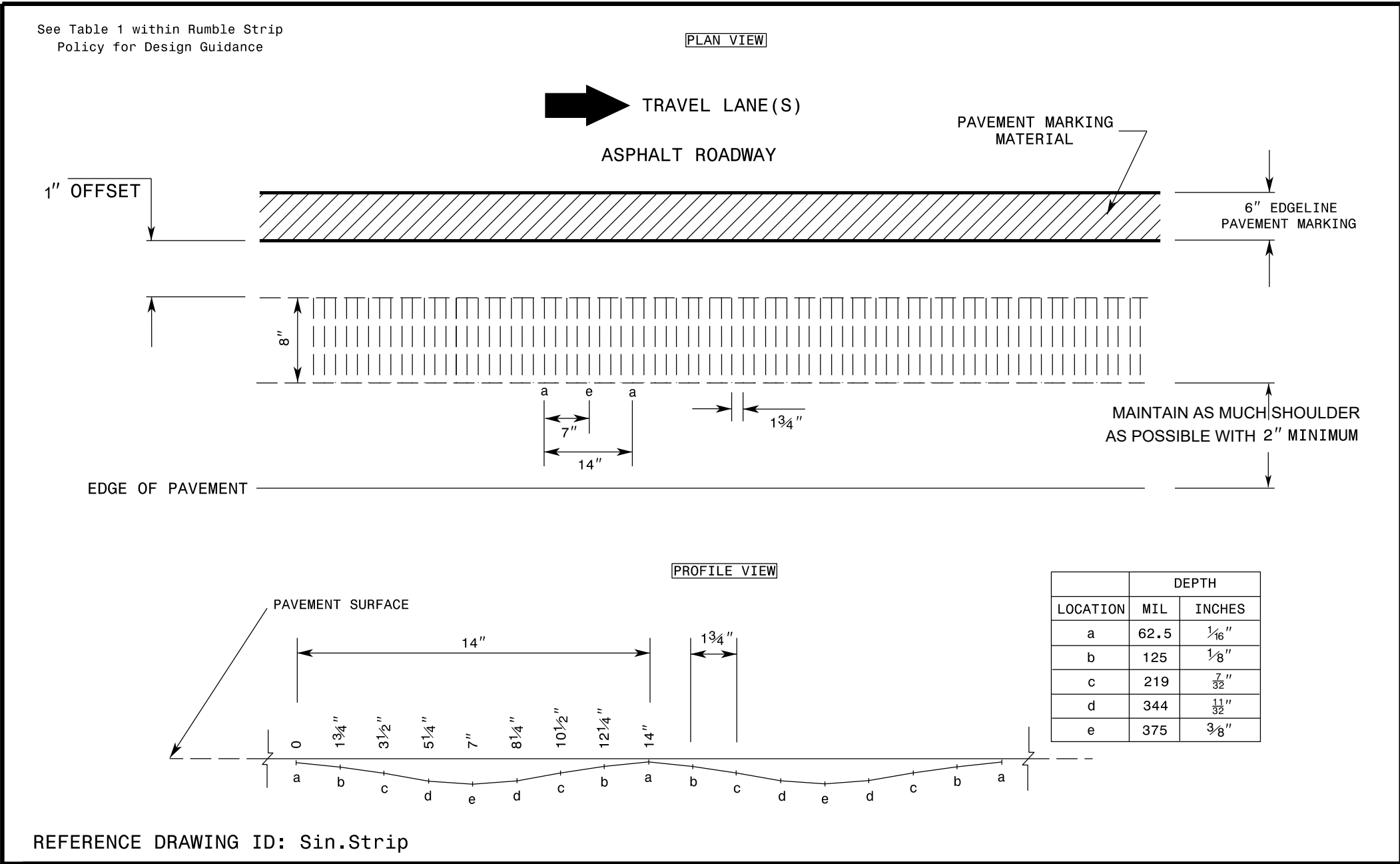
C1	PROP. APPROX. 1.5" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
E1	PROP. APPROX. 2.5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ.YD.
T1	EXISTING SHOULDERS
V2	8" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER
V3	8" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER W/ BIKE GAP

NOTES: MAINTAIN EXISTING LANE WIDTHS.

LEFT SHOULDER RUMBLE 6" FROM EDGE LINE.

RIGHT SHOULDER RUMBLE 1" FROM EDGE LINE W/ BIKE GAP.

FOR RIGHT SHOULD OF MAPS 3, 4, 7, 8, 18, 19
INSTALL WITH BICYCLE GAPS: 60-FEET OF RUMBLES
FOLLOWED BY 12-FEET GAP. (SEE BIKE GAP DETAIL.)



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

DocuSigned by:
Jessi Leonard
4D590D07E47C40F...

09/03/2026

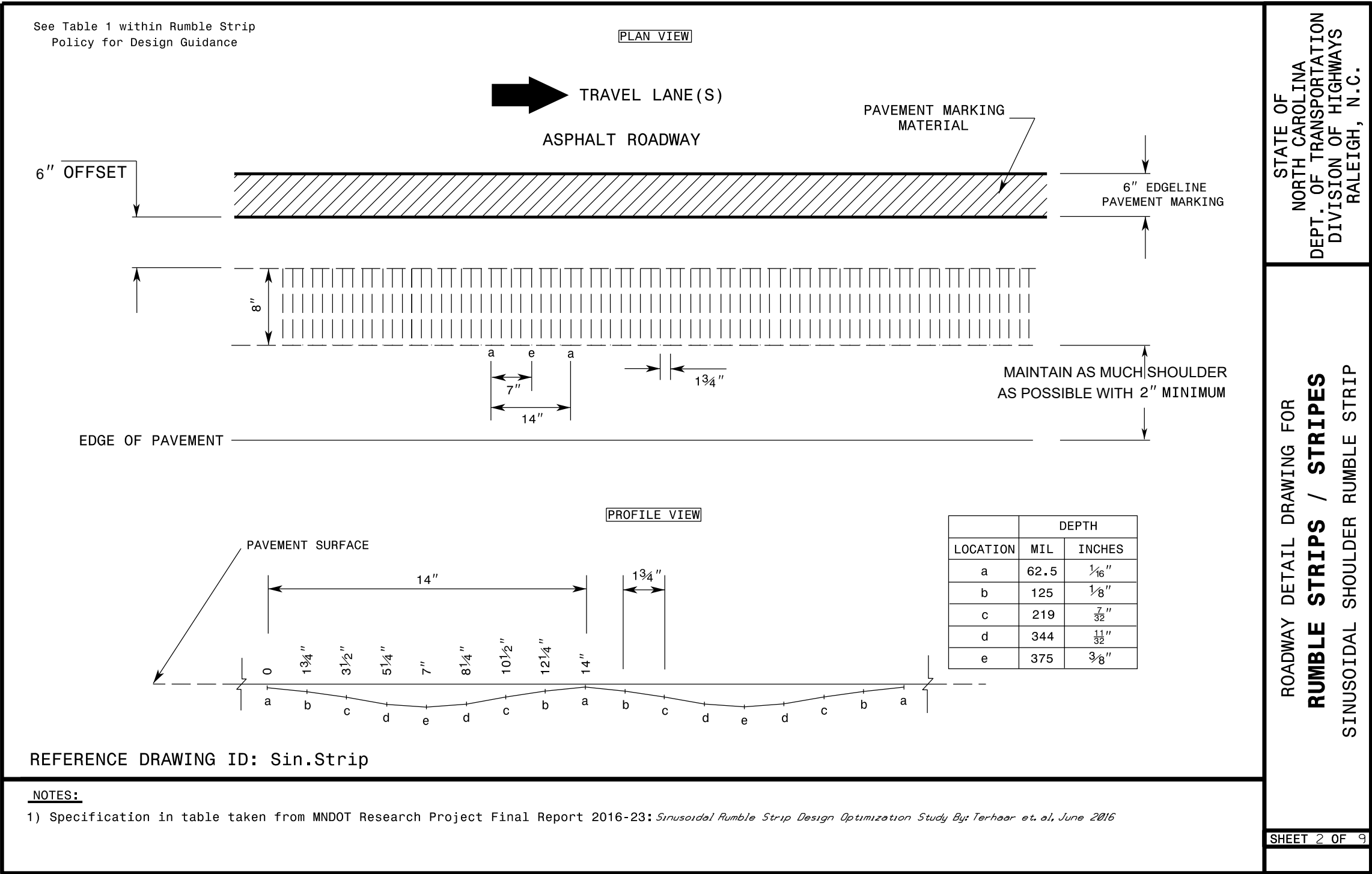


CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

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

FOR LEFT SHOULDER OF MAPS 3, 4, 7, 8, 18, 19



DocuSigned by:
Jessi Leonard
4D590D07E47C40F

09/03/2026

NORTH CAROLINA
PROFESSIONAL
SEAL
42568
ENGINEER
JESSICA L. LEONARD

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT

Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: C. SIMPSON

MODIFIED BY:

CHECKED BY:

FILE SPEC.:

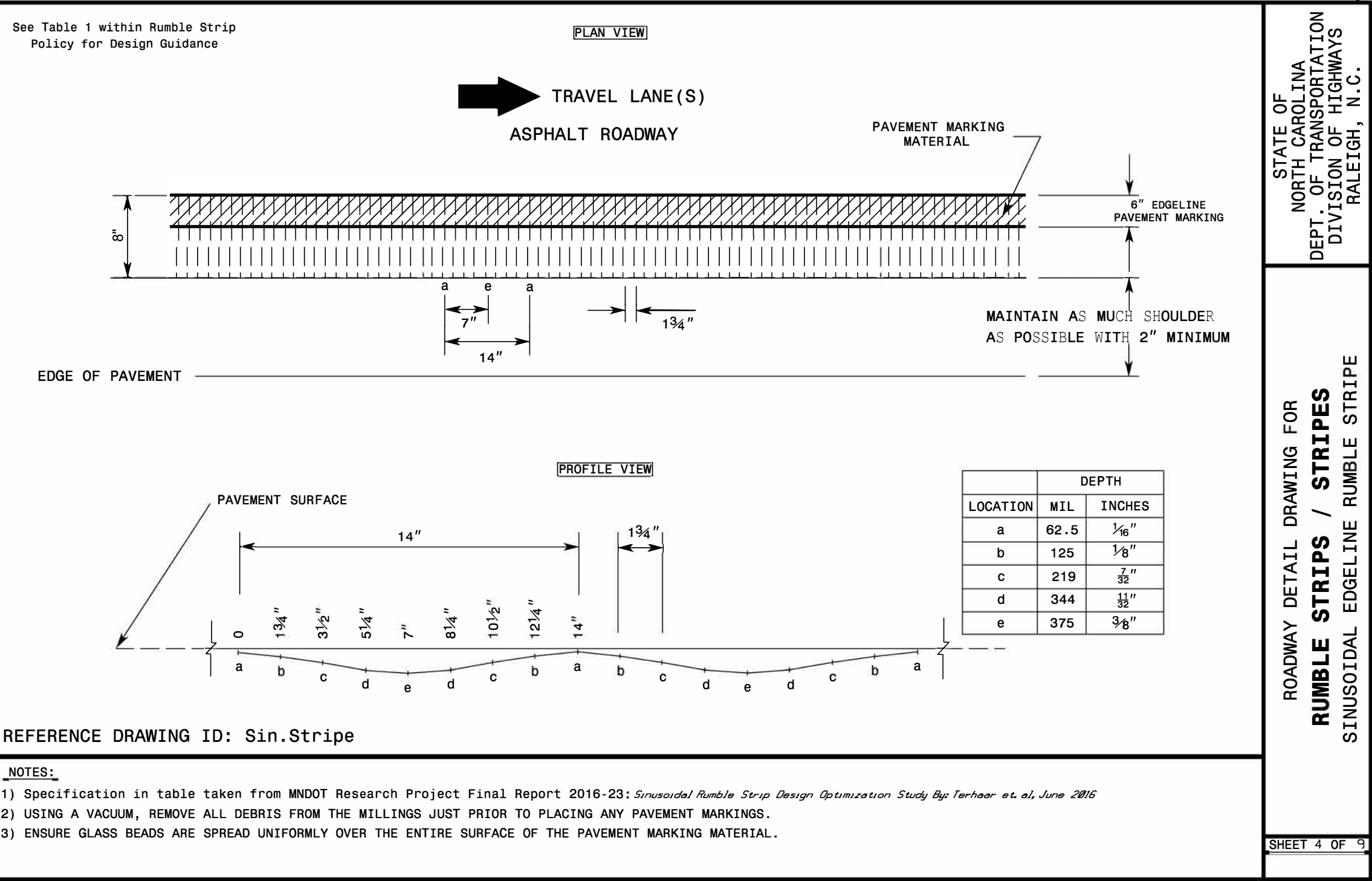
DATE: 04-24-2025

DATE:

DATE:

DATE:

FOR MAPS 6, 9, 12, 14, 15, 16, 17
INSTALL WITH BICYCLE GAPS FOR MAPS: 9, 12, 14, 15; 60-FEET OF RUMBLES FOLLOWED BY 12-FEET GAP. (SEE BIKE GAP DETAIL).



DocuSigned by:
Jessi Leonard
4D590D07E47C407

09/03/2026

NORTH CAROLINA
PROFESSIONAL
SEAL
42568
ENGINEER
JESSICA L. LEONARD

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT

Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: C. SIMPSON DATE: 04-24-2025

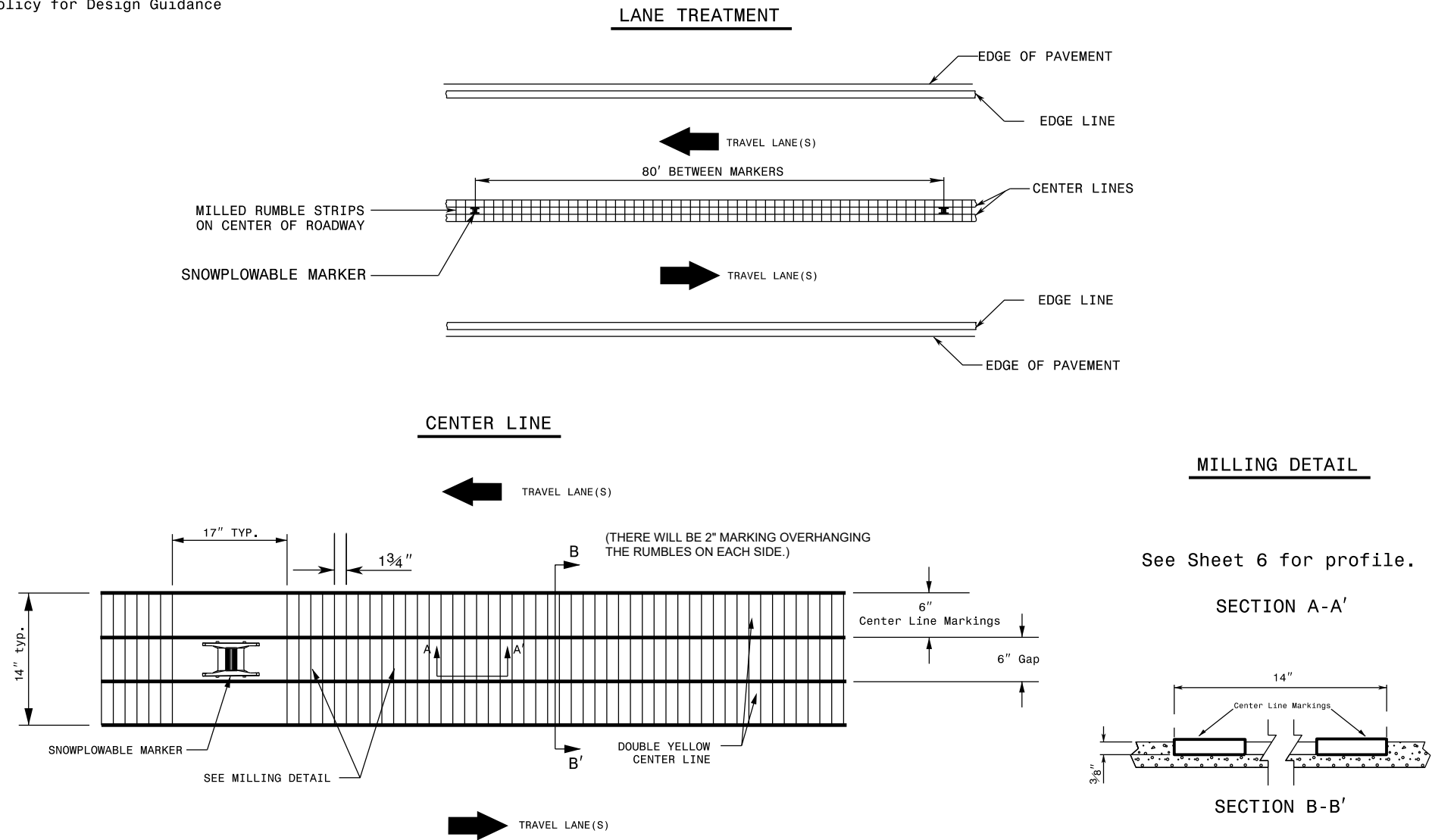
MODIFIED BY: DATE:

CHECKED BY: DATE:

FILE SPEC.:

FOR MAPS 1, 5, 6, 9, 10, 11, 12, 14, 15, 16, 17

See Table 2 within Rumble Strip
Policy for Design Guidance



REFERENCE DRAWING ID: Sin.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 SNOWFLOWABLE MARKERS AT APPROXIMATELY 80' INCREMENTS. DO NOT MILL RUMBLE STRIPS IN SECTION WHERE SNOWFLOWABLE 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 SNOWFLOWABLE MARKERS

SHEET 8 OF 9

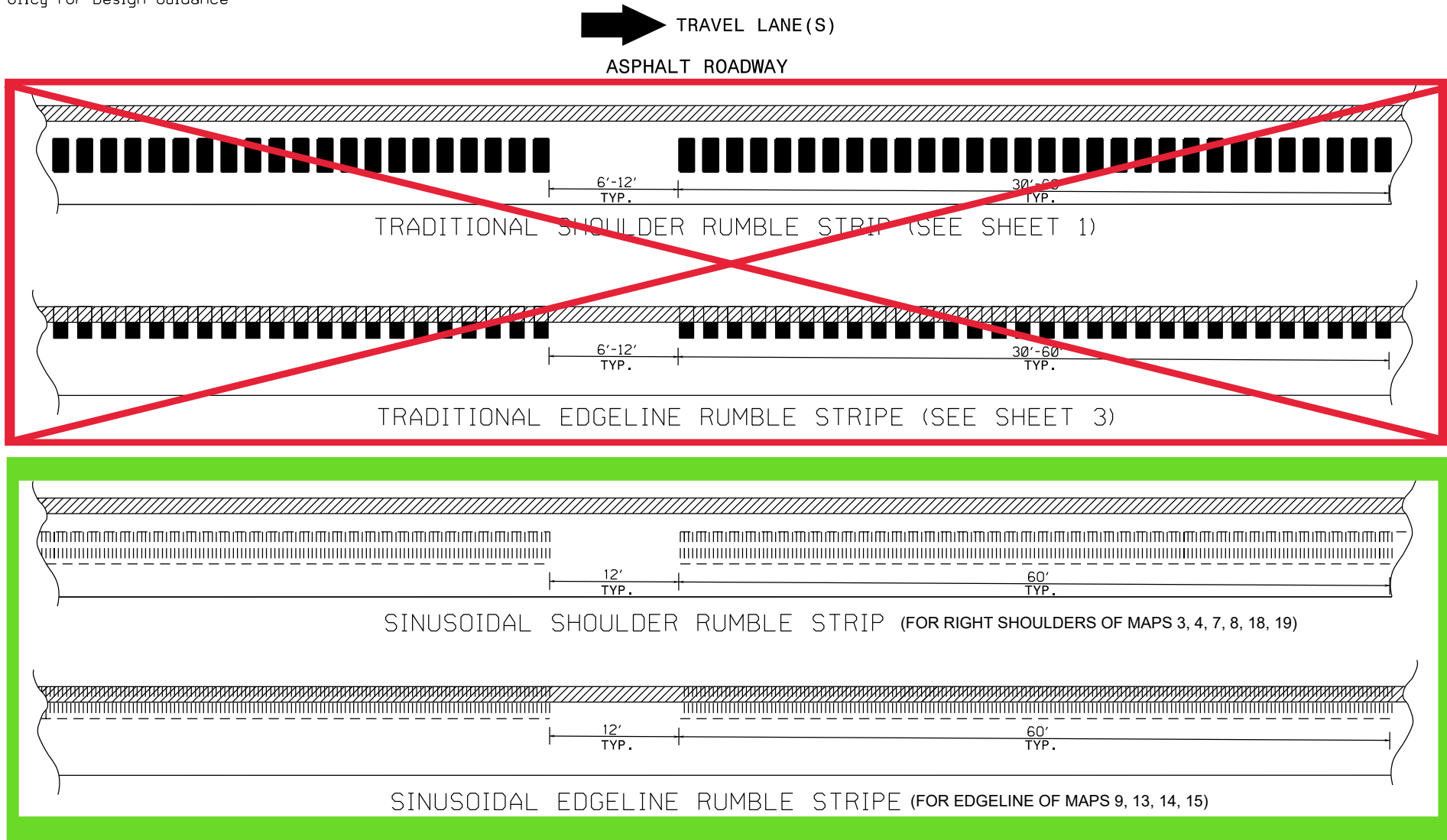
DocuSigned by:
Jessi Leonard
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09/03/2026



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



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

DocuSigned by:

Jessi Leonard
4D590D07E47C40F

09/03/2026



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

PROJECT NO.	SHEET NO.
50975.3.37, 50975.3.38	25
50975.3.55, 50975.3.39	
50975.3.20, 50975.3.23	
50975.3.24, 50975.3.25	
50975.3.26, 50975.3.27	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1491000000-E	1523000000-E	1575000000-E	1881000000-E					1891000000-E
												BASE COURSE, B25.0C	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	SINUSOIDAL MILLED RUMBLE STRIP, CENTERLINE, (14")	SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER W/ BICYCLE PATTERN, (8")	SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER (8")	SINUSOIDAL MILLED RUMBLE STRIP, EDGE LINE, (8")	SINUSOIDAL MILLED RUMBLE STRIP, EDGE LINE W/ BICYCLE PATTERN, (8")	ASPHALT PAVEMENT REJUVENATOR
								MI	FT			TONS	TON	TON	LF	LF	LF	LF	LF	SY
50975.3.37	Onslow	1	NC-172	FROM US HWY 17 TO NC HWY 210 [MP 0.00 - MP 3.99]	1	2	2WU	3.99	24	0.00	3.99				21,067					4,682
TOTAL FOR MAP NO. 1								3.99							21,067					4,682
50975.3.37	Onslow	2	NC-172	FROM NC HWY 210 TO END OF BRIDGE NO. 17 (CAMP LEJEUNE BACK GATE) [MP 3.99 - MP 7.76]	1	2		3.77	24	3.99	7.76									
TOTAL FOR MAP NO. 2								3.77												
50975.3.37	Onslow	3	NC-24 E LEJEUNE BLVD/FREEDOM WAY	FROM NC HWY 53 (WESTERN BLVD) TO SR 1406 (PINEY GREEN RD) [MP 23.97 - MP 27.87]	2,3	2	MD	3.90	30	23.97	27.87	255	150	20		21,079	21,079			
TOTAL FOR MAP NO. 3								3.90				255	150	20		21,079	21,079			
50975.3.37	Onslow	4	NC-24 W FREEDOM WAY/LEJEUNE BLVD	FROM SR 1406 (PINEY GREEN RD) TO NC HWY 53 (WESTERN BLVD) [MP 12.62 - MP 16.53]	2,3	2	MD	3.91	30	12.62	16.53	255	150	20		21,079	21,079			
TOTAL FOR MAP NO. 4								3.91				255	150	20		21,079	21,079			
TOTAL FOR PROJ NO. 50975.3.37								15.57				510	300	40	21,067	42,158	42,158			4,682
50975.3.38	Onslow	5	SR-1230 / HAW BRANCH RD	FROM NC HWY 111 (CATHERINE LAKE RD) TO US HWY 258 (KINSTON HWY) [MP 0.00 - MP 8.99]	1	2	2WU	8.99	21	0.00	8.99				47,467					10,548
TOTAL FOR MAP NO. 5								8.99							47,467					10,548
50975.3.38	Onslow	6	SR-1501 / SAND RIDGE RD	FROM SR 1509 (QUEENS CREEK RD) TO SR 1500 (STARLING RD) [MP 0.00 - MP 4.56]	4	2	2WU	4.56	24	0.00	4.56				24,077			48,154		5,350
TOTAL FOR MAP NO. 6								4.56							24,077			48,154		5,350
TOTAL FOR PROJ NO. 50975.3.38								13.55							71,544			48,154		15,898
50975.3.55	Onslow	7	NC-24 E FREEDOM WAY	FROM SR 1406 (PINEY GREEN RD) TO SR 1434 (BELGRADE-SWANSBORO RD) [MP 27.87 - MP 37.17]	2	2	MD	9.30	31	27.87	37.17					49,104	49,104			
TOTAL FOR MAP NO. 7								9.30								49,104	49,104			
50975.3.55	Onslow	8	NC-24 W FREEDOM WAY	FROM SR 1434 (BELGRADE-SWANSBORO RD) TO SR 1406 (PINEY GREEN RD) [MP 3.32 - MP 12.62]	2	2	MD	9.30	31	3.32	12.62					49,104	49,104			
TOTAL FOR MAP NO. 8								9.30								49,104	49,104			
TOTAL FOR PROJ NO. 50975.3.55								18.60								98,208	98,208			
50975.3.39	New Hanover	9	SR-1318 / BLUE CLAY RD	FROM SR 1302 (23RD STREET) TO SR 1336 (SIDBURY RD) [MP 0.00 - MP 4.71]	5	2	2WU	4.71	23	0.00	4.71				24,869				49,738	5,527
TOTAL FOR MAP NO. 9								4.71							24,869				49,738	5,527
TOTAL FOR PROJ NO. 50975.3.39								4.71							24,869				49,738	5,527
50975.3.20	Duplin	10	SR-1501 / GARNER CHAPEL/ WOODLAND CHURCH RD	FROM NC HWY 403 TO SR 1572 (GARNER CHAPEL RD) [MP 0.00 - MP 9.37]	1	2	2WU	9.37	24	0.00	2.17				49,474					10,994
TOTAL FOR MAP NO. 10								9.37							49,474					10,994

PROJECT NO.	SHEET NO.
50975.3.37, 50975.3.38	26
50975.3.55, 50975.3.39	
50975.3.20, 50975.3.23	
50975.3.24, 50975.3.25	
50975.3.26, 50975.3.27	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1491000000-E	1523000000-E	1575000000-E	1881000000-E					1891000000-E
												BASE COURSE, B25.0C	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	SINUSOIDAL MILLED RUMBLE STRIP, CENTERLINE, (14")	SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER W/ BICYCLE PATTERN, (8")	SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER (8")	SINUSOIDAL MILLED RUMBLE STRIP, EDGE LINE, (8")	SINUSOIDAL MILLED RUMBLE STRIP, EDGE LINE W/ BICYCLE PATTERN, (8")	ASPHALT PAVEMENT REJUVENATOR
								MI	FT			TONS	TON	TON	LF	LF	LF	LF	LF	SY
50975.3.20	Duplin	11	SR-1572 / GARNER CHAPEL RD	FROM SR 1501 (GARNER CHAPEL RD) TO SR 1306 (OUTLAW BRIDGE RD) [MP 0.00 - MP 0.04]	4	2	2WU	0.04	24	0.00	0.04				212					47
TOTAL FOR MAP NO. 11								0.04							212					47
TOTAL FOR PROJ NO. 50975.3.20								9.41							49,686					11,041
50975.3.23	Pender	12	SR-1114 / BLUEBERRY RD	FROM SR 1113 (MONTAGUE RD) TO NC HWY 210 [MP 3.00 - MP 5.71]	5	2	2WU	2.71	22	3.00	5.71				14,309				28,618	3,180
TOTAL FOR MAP NO. 12								2.71							14,309				28,618	3,180
TOTAL FOR PROJ NO. 50975.3.23								2.71							14,309				28,618	3,180
50975.3.24	Brunswick	13	NC-133 LONG BEACH RD	FROM BRIDGE NO. 14 OVER INTRACOASTAL WATERWAY TO BRIDGE NO. 230 [MP 1.14 - MP 3.12]	5	2	2WU	1.98	36	1.14	3.12									
TOTAL FOR MAP NO. 13								1.98												
50975.3.24	Brunswick	14	NC-87 GEORGE II HWY	FROM NC HWY 133 TO US HWY 17 [MP 3.31 - MP 14.99]	5	2	2WU	11.68	28	3.31	14.99				61,670				123,341	13,705
TOTAL FOR MAP NO. 14								11.68							61,670				123,341	13,705
TOTAL FOR PROJ NO. 50975.3.24								13.66							61,670				123,341	13,705
50975.3.25	Brunswick	15	SR-1300 / ASH-LITTLE RIVER RD NW	FROM NC HWY 130 TO SR 1303 (HICKMAN RD) [MP 0.00 - MP 11.018]	5	2	2WU	11.02	23	0.00	11.02				58,186				116,371	12,930
TOTAL FOR MAP NO. 15								11.02							58,186				116,371	12,930
TOTAL FOR PROJ NO. 50975.3.25								11.02							58,186				116,371	12,930
50975.3.26	Sampson	16	NC-41 TOMAHAWK HWY	FROM BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	4	2	2WU	10.41	26	0.00	10.41				54,965			109,930		12,214
TOTAL FOR MAP NO. 16								10.41							54,965			109,930		12,214
50975.3.26	Sampson	17	NC-55 HARNETT - DUNN HWY	FROM JOHNSTON COUNTY LINE TO HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	4	2	2WU	5.36	25	14.78	20.14				28,301			56,602		6,289
TOTAL FOR MAP NO. 17								5.36							28,301			56,602		6,289
TOTAL FOR PROJ NO. 50975.3.26								15.77							83,266			166,532		18,503
50975.3.27	Sampson	18	NC-24 E ROSEBORO HWY	FROM CUMBERLAND CO LINE EAST TO BRIDGE NO. 42 [MP 0.00 - MP 17.13]	2	2	MD	17.13	32	0.00	17.13					90,446	90,446			
TOTAL FOR MAP NO. 18								17.13								90,446	90,446			
50975.3.27	Sampson	19	NC-24 W AUTRYVILLE HWY	FROM BRIDGE NO. 434 TO CUMBERLAND CO LINE [MP 14.03 - MP 31.14]	2	2	MD	17.11	32	14.03	31.14					90,341	90,341			
TOTAL FOR MAP NO. 19								17.11								90,341	90,341			
TOTAL FOR PROJ NO. 50975.3.27								34.24								180,787	180,787			
GRAND TOTAL								139.24				510	300	40	384,597	321,153	321,153	214,686	318,068	85,466

PROJECT NO.	SHEET NO.
50975.3.37, 50975.3.38	27
50975.3.55, 50975.3.39	
50975.3.20, 50975.3.23	
50975.3.24, 50975.3.25	
50975.3.26, 50975.3.27	

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4457000000-N	4688000000-E		4700000000-E		4850000000-E	4860000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	12" X 90 M WHITE THERMO	REMOVAL OF PAVEMENT MARKING LINES (4")	REMOVAL OF PAVEMENT MARKING LINES (8")
								MI	FT			SF	LS	LF	LF	LF	LF	LF	LF
50975.3.37	Onslow	1	NC-172	FROM US HWY 17 TO NC HWY 210 [MP 0.00 - MP 3.99]	1	2	2WU	3.99	24	0.00	3.99	868	0.03	63,202	63,202	499		63,202	
TOTAL FOR MAP NO. 1								3.99				868	0.03	63,202	63,202	499		63,202	
50975.3.37	Onslow	2	NC-172	FROM NC HWY 210 TO END OF BRIDGE NO. 17 (CAMP LEJEUNE BACK GATE) [MP 3.99 - MP 7.76]	1	2		3.77	24	3.99	7.76	667	0.03	39,811	39,811			39,811	
TOTAL FOR MAP NO. 2								3.77				667	0.03	39,811	39,811			39,811	
50975.3.37	Onslow	3	NC-24 E LEJEUNE BLVD/FREEDOM WAY	FROM NC HWY 53 (WESTERN BLVD) TO SR 1406 (PINEY GREEN RD) [MP 23.97 - MP 27.87]	2,3	2	MD	3.90	30	23.97	27.87	436	0.03	26,349	21,079			3,432	
TOTAL FOR MAP NO. 3								3.90				436	0.03	26,349	21,079			3,432	
50975.3.37	Onslow	4	NC-24 W FREEDOM WAY/LEJEUNE BLVD	FROM SR 1406 (PINEY GREEN RD) TO NC HWY 53 (WESTERN BLVD) [MP 12.62 - MP 16.53]	2,3	2	MD	3.91	30	12.62	16.53	436	0.03	20,645	25,806			3,441	
TOTAL FOR MAP NO. 4								3.91				436	0.03	20,645	25,806			3,441	
TOTAL FOR PROJ NO. 50975.3.37								15.57				2,407	0.12	150,007	149,898	499		109,886	
														299,905		499			
50975.3.38	Onslow	5	SR-1230 / HAW BRANCH RD	FROM NC HWY 111 (CATHERINE LAKE RD) TO US HWY 258 (KINSTON HWY) [MP 0.00 - MP 8.99]	1	2	2WU	8.99	21	0.00	8.99	1,006	0.06		94,934			47,468	
TOTAL FOR MAP NO. 5								8.99				1,006	0.06		94,934			47,468	
50975.3.38	Onslow	6	SR-1501 / SAND RIDGE RD	FROM SR 1509 (QUEENS CREEK RD) TO SR 1500 (STARLING RD) [MP 0.00 - MP 4.56]	4	2	2WU	4.56	24	0.00	4.56	510	0.03	48,154	48,154			48,154	
TOTAL FOR MAP NO. 6								4.56				510	0.03	48,154	48,154			48,154	
TOTAL FOR PROJ NO. 50975.3.38								13.55				1,516	0.09	48,154	143,088			95,622	
														191,242					
50975.3.55	Onslow	7	NC-24 E FREEDOM WAY	FROM SR 1406 (PINEY GREEN RD) TO SR 1434 (BELGRADE-SWANSBORO RD) [MP 27.87 - MP 37.17]	2	2	MD	9.30	31	27.87	37.17	1,006	0.07	61,380	49,104		1,900	8,184	
TOTAL FOR MAP NO. 7								9.30				1,006	0.07	61,380	49,104		1,900	8,184	
50975.3.55	Onslow	8	NC-24 W FREEDOM WAY	FROM SR 1434 (BELGRADE-SWANSBORO RD) TO SR 1406 (PINEY GREEN RD) [MP 3.32 - MP 12.62]	2	2	MD	9.30	31	3.32	12.62	1,006	0.07	68,195	49,104		1,900	8,184	
TOTAL FOR MAP NO. 8								9.30				1,006	0.07	68,195	49,104		1,900	8,184	
TOTAL FOR PROJ NO. 50975.3.55								18.60				2,012	0.14	129,575	98,208		3,800	16,368	
														227,783		3,800			
50975.3.39	NewHanover	9	SR-1318 / BLUE CLAY RD	FROM SR 1302 (23RD STREET) TO SR 1336 (SIDBURY RD) [MP 0.00 - MP 4.71]	5	2	2WU	4.71	23	0.00	4.71	528	0.03	49,738	49,738		818	4,145	
TOTAL FOR MAP NO. 9								4.71				528	0.03	49,738	49,738		818	4,145	
TOTAL FOR PROJ NO. 50975.3.39								4.71				528	0.03	49,738	49,738		818	4,145	
														99,476		818			
50975.3.20	Duplin	10	SR-1501 / GARNER CHAPEL/ WOODLAND CHURCH RD	FROM NC HWY 403 TO SR 1572 (GARNER CHAPEL RD) [MP 0.00 - MP 9.37]	1	2	2WU	9.37	24	0.00	2.17	992	0.07	98,947	98,947	548		98,948	548
TOTAL FOR MAP NO. 10								9.37				992	0.07	98,947	98,947	548		98,948	548

PROJECT NO.	SHEET NO.
50975.3.37, 50975.3.38	28
50975.3.55, 50975.3.39	
50975.3.20, 50975.3.23	
50975.3.24, 50975.3.25	
50975.3.26, 50975.3.27	

THERMOPLASTIC AND PAINT QUANTITIES

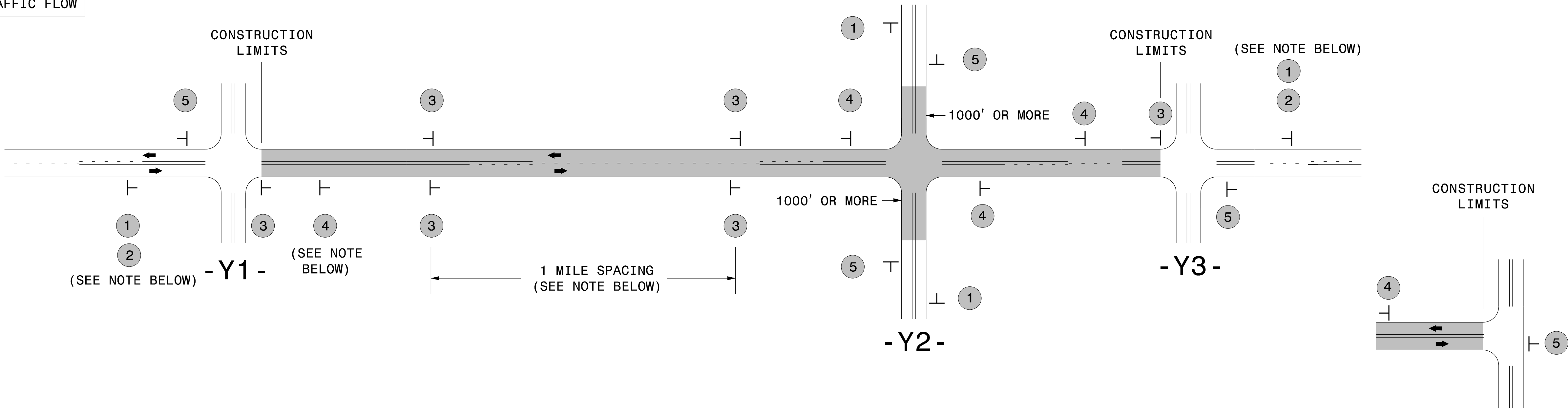
												4413000000-E	4457000000-N	4688000000-E		4700000000-E		4850000000-E	4860000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	12" X 90 M WHITE THERMO	REMOVAL OF PAVEMENT MARKING LINES (4")	REMOVAL OF PAVEMENT MARKING LINES (8")
								MI	FT			SF	LS	LF	LF	LF	LF	LF	LF
50975.3.20	Duplin	11	SR-1572 / GARNER CHAPEL RD	FROM SR 1501 (GARNER CHAPEL RD) TO SR 1306 (OUTLAW BRIDGE RD) [MP 0.00 - MP 0.04]	4	2	2WU	0.04	24	0.00	0.04	16	0.01	422	422			422	274
TOTAL FOR MAP NO. 11								0.04				16	0.01	422	422			422	274
TOTAL FOR PROJ NO. 50975.3.20								9.41				1,008	0.08	99,369	99,369	548		99,370	822
														198,738		548			
50975.3.23	Pender	12	SR-1114 / BLUEBERRY RD	FROM SR 1113 (MONTAGUE RD) TO NC HWY 210 [MP 3.00 - MP 5.71]	5	2	2WU	2.71	22	3.00	5.71	640	0.02	28,682	12,682			4,770	
TOTAL FOR MAP NO. 12								2.71				640	0.02	28,682	12,682			4,770	
TOTAL FOR PROJ NO. 50975.3.23								2.71				640	0.02	28,682	12,682			4,770	
														41,364					
50975.3.24	Brunswick	13	NC-133 LONG BEACH RD	FROM BRIDGE NO. 14 OVER INTRACOASTAL WATERWAY TO BRIDGE NO. 230 [MP 1.14 - MP 3.12]	5	2	2WU	1.98	36	1.14	3.12	350	0.01	20,909	20,909			41,818	
TOTAL FOR MAP NO. 13								1.98				350	0.01	20,909	20,909			41,818	
50975.3.24	Brunswick	14	NC-87 GEORGE II HWY	FROM NC HWY 133 TO US HWY 17 [MP 3.31 - MP 14.99]	5	2	2WU	11.68	28	3.31	14.99	680	0.08	123,341	123,341			20,557	
TOTAL FOR MAP NO. 14								11.68				680	0.08	123,341	123,341			20,557	
TOTAL FOR PROJ NO. 50975.3.24								13.66				1,030	0.09	144,250	144,250			62,375	
														288,500					
50975.3.25	Brunswick	15	SR-1300 / ASH-LITTLE RIVER RD NW	FROM NC HWY 130 TO SR 1303 (HICKMAN RD) [MP 0.00 - MP 11.018]	5	2	2WU	11.02	23	0.00	11.02	475	0.08	116,371	116,371			19,395	
TOTAL FOR MAP NO. 15								11.02				475	0.08	116,371	116,371			19,395	
TOTAL FOR PROJ NO. 50975.3.25								11.02				475	0.08	116,371	116,371			19,395	
														232,742					
50975.3.26	Sampson	16	NC-41 TOMAHAWK HWY	FROM BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	4	2	2WU	10.41	26	0.00	10.41	1,164	0.07	109,930	109,930				
TOTAL FOR MAP NO. 16								10.41				1,164	0.07	109,930	109,930				
50975.3.26	Sampson	17	NC-55 HARNETT - DUNN HWY	FROM JOHNSTON COUNTY LINE TO HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	4	2	2WU	5.36	25	14.78	20.14	604	0.04	56,602	56,602				
TOTAL FOR MAP NO. 17								5.36				604	0.04	56,602	56,602				
TOTAL FOR PROJ NO. 50975.3.26								15.77				1,768	0.11	166,532	166,532				
														333,064					
50975.3.27	Sampson	18	NC-24 E ROSEBORO HWY	FROM CUMBERLAND CO LINE EAST TO BRIDGE NO. 42 [MP 0.00 - MP 17.13]	2	2	MD	17.13	32	0.00	17.13	1,938	0.12	113,058	90,446		19,280	271,338	19,280
TOTAL FOR MAP NO. 18								17.13				1,938	0.12	113,058	90,446		19,280	271,338	19,280
50975.3.27	Sampson	19	NC-24 AUTRYVILLE HWY	FROM BRIDGE NO. 434 TO CUMBERLAND CO LINE [MP 14.03 - MP 31.14]	2	2	MD	17.11	32	14.03	31.14	1,938	0.12	112,926	90,341		20,650	213,642	20,650
TOTAL FOR MAP NO. 19								17.11				1,938	0.12	112,926	90,341		20,650	213,642	20,650
TOTAL FOR PROJ NO. 50975.3.27								34.24				3,876	0.24	225,984	180,787		39,930	484,980	39,930
														406,771		39,930			
GRAND TOTAL								139.24				15,260	1	1,158,662	1,160,923	1,047	44,548	896,911	40,752
														2,319,585		45,595			

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

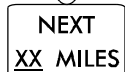
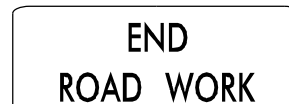
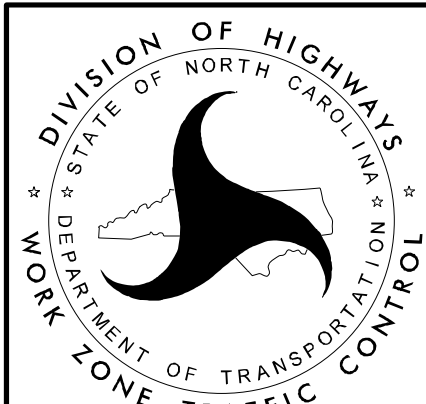
DIRECTION OF TRAFFIC FLOW



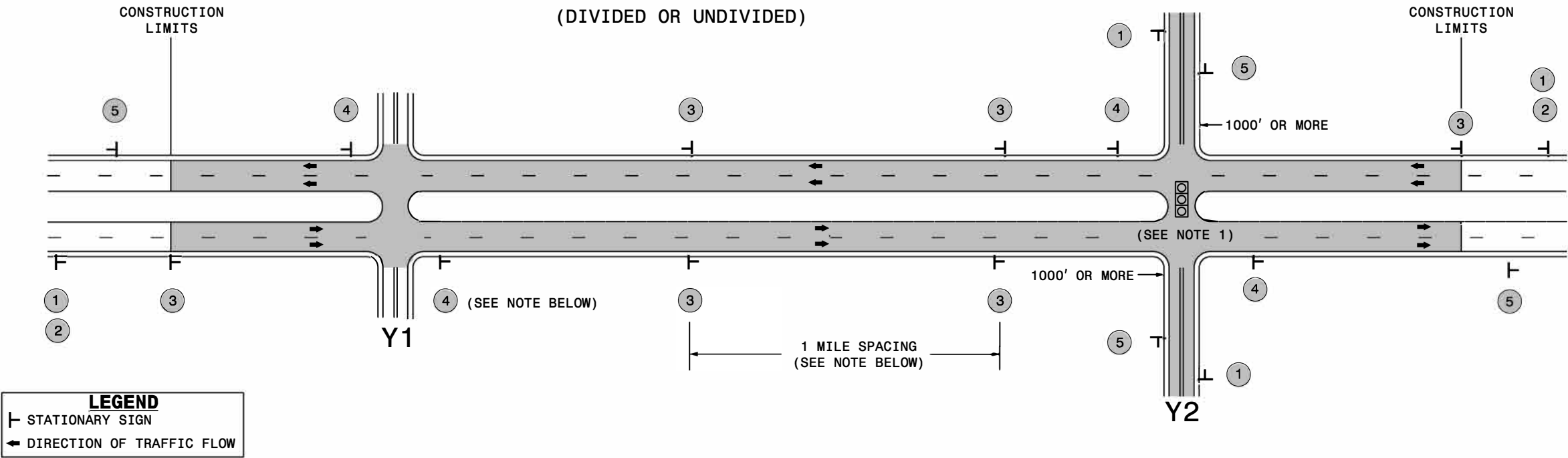
TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1  W20-1 48" X 48" 2  W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #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)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS 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.  W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	3  SP 13107 48" X 48" - 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  SP 13106 48" X 48" - 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  G20-2 A 48" X 24" 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.	
LESS 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.	 AD

SIGNING FOR RURAL AND SUBURBAN MULTI-LANE
ROADWAYS WITH SHOULDER SECTIONS
(DIVIDED OR UNDIVIDED)



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER. NOTES: 1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
	3 LOW/SOFT SHOULDER SP 13107 48" X 48" PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" 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.	
	5 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	