

WBS NO: 2026CPT.03.07.10101, ETC.

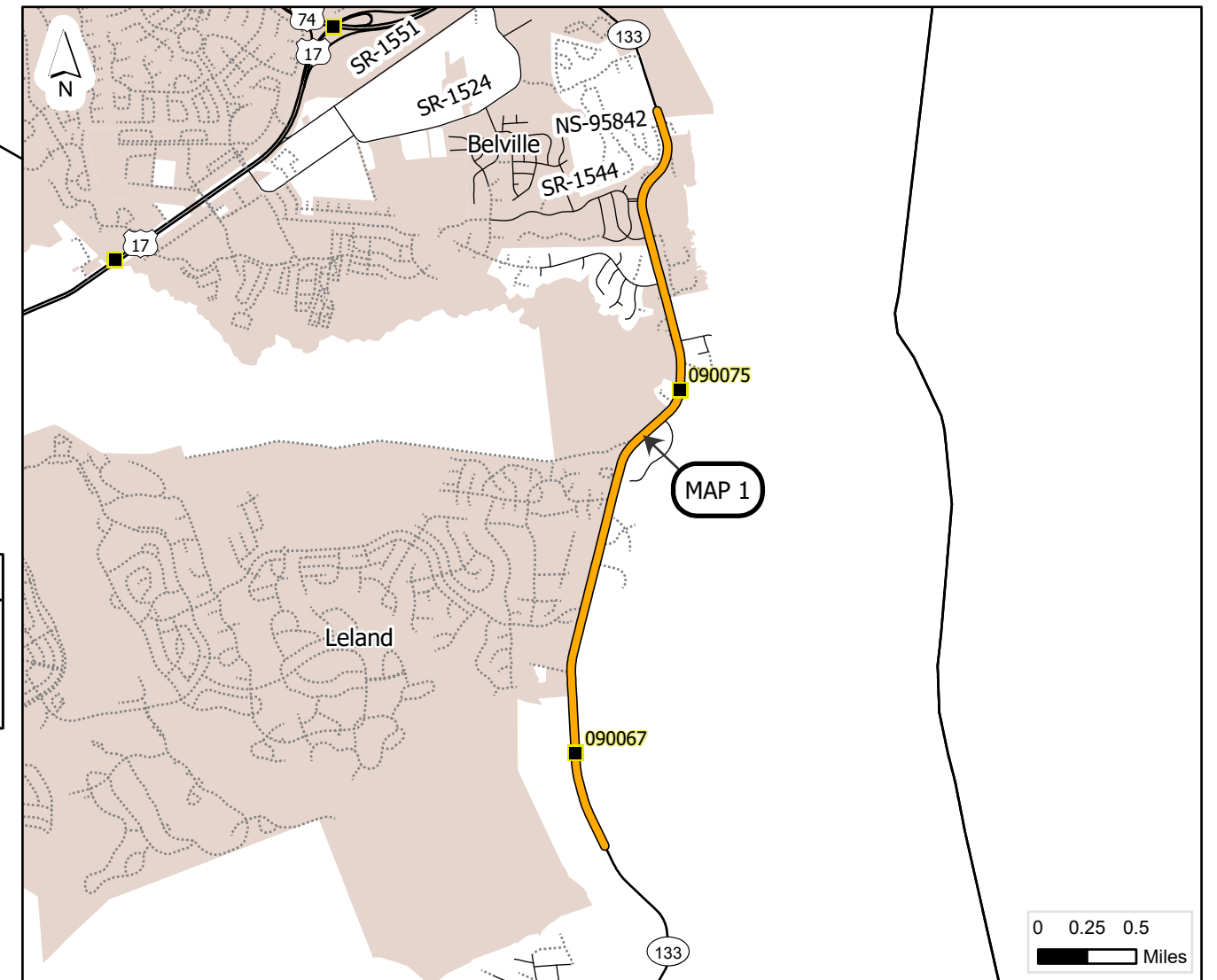
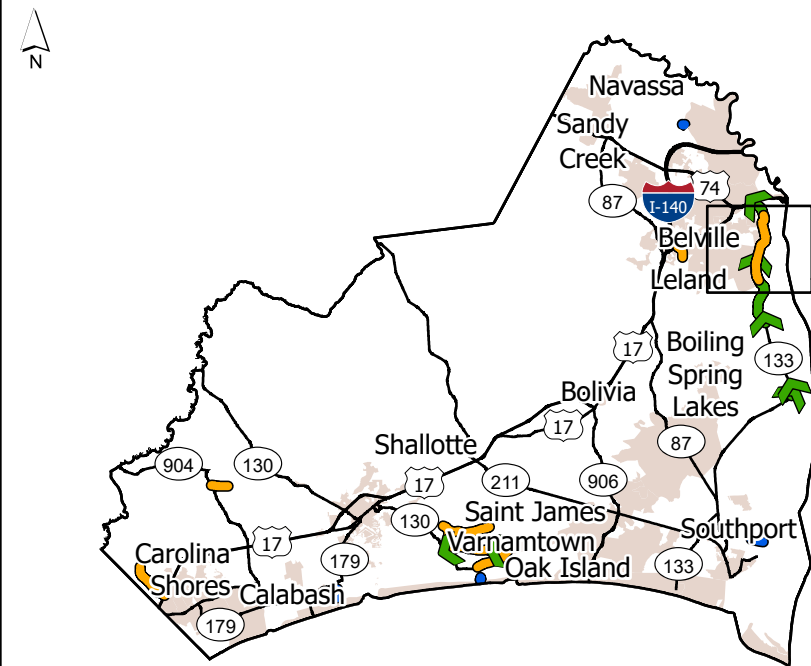
CONTRACT: C205199

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

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION

- Resurfacing
- Division 3 Bridges



MAP	ROUTE	DESCRIPTION	TYPE
1	NC-133 / RIVER RD	FROM 0.50 MILES SOUTH OF BRIDGE NO. 67 TO 0.07 MILES NORTH OF NS-95842 (MORECAMBLE BLVD) [MP 21.50 - MP 25.50]	Resurfacing

**PROJECT LENGTH**

MAP	MILES
1	4.00

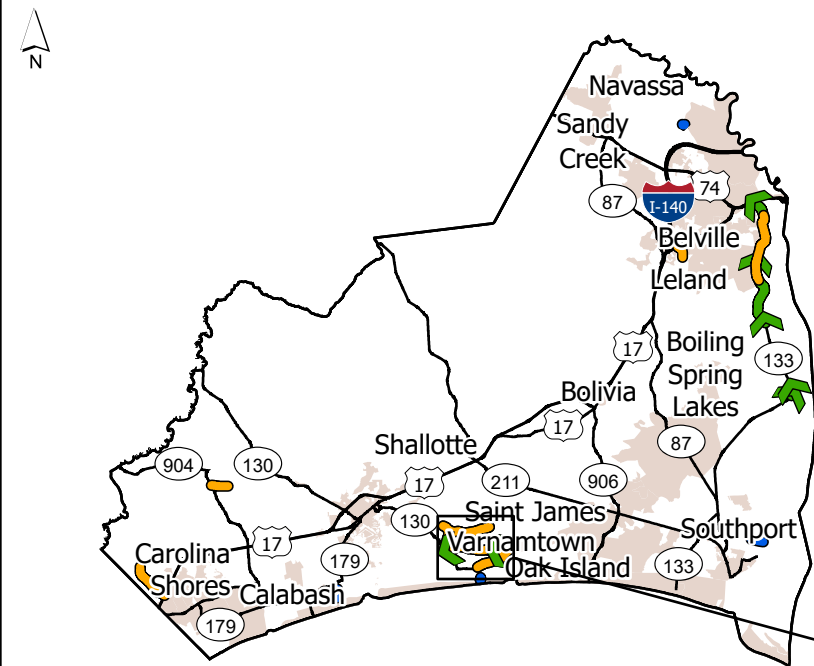
Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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WBS NO: 2026CPT.03.07.10101, ETC.

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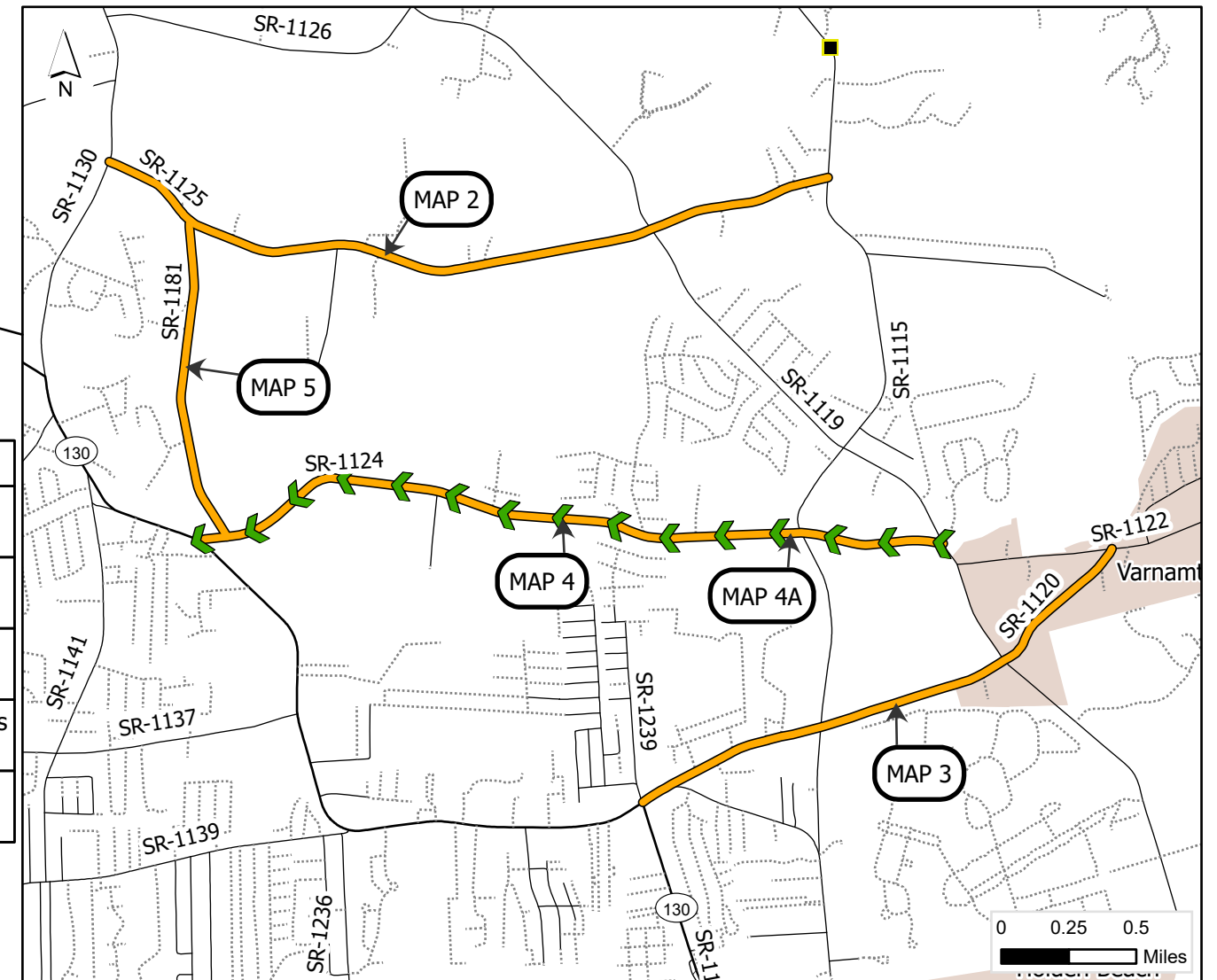
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS BRUNSWICK COUNTY

*TYPE OF WORK: RESURFACING; RUMBLE INSTALLATION*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION

- Resurfacing
- >> Rumble Strips
- Division 3 Bridges

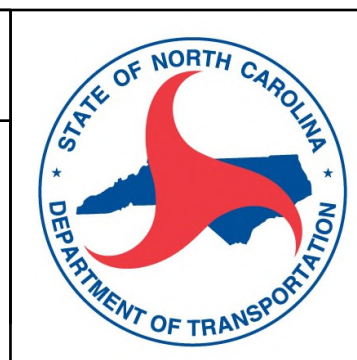
MAP	ROUTE	DESCRIPTION	TYPE
2	SR-1125 / CEDAR GROVE RD SW	FROM SR 1115 (STONE CHIMNEY RD) TO SR 1130 (SW MT. PISGAH RD) [MP 0.00 - MP 2.84]	Resurfacing
3	SR-1120 / SABBATH HOME RD SW	FROM SR 1122 (VARNAMTOWN RD) TO NC 130 [MP 0.00 - MP 2.02]	Resurfacing
4	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130 [MP 0.00 - MP 2.85 ]	Resurfacing
4A	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130 [MP 0.00 - MP 2.85 ]	Rumble Strips
5	SR-1181 / TURKEY TRAP RD SW	FROM SR 1125 (SW CEDAR GROVE RD) TO SR 1124 (SW STANBURY RD) [MP 0.00 - MP 1.21]	Resurfacing



<i>PROJECT LENGTH</i>			
MAP	MILES	MAP	MILES
2	2.84	4A	2.85
3	2.02	5	1.21
4	2.85		

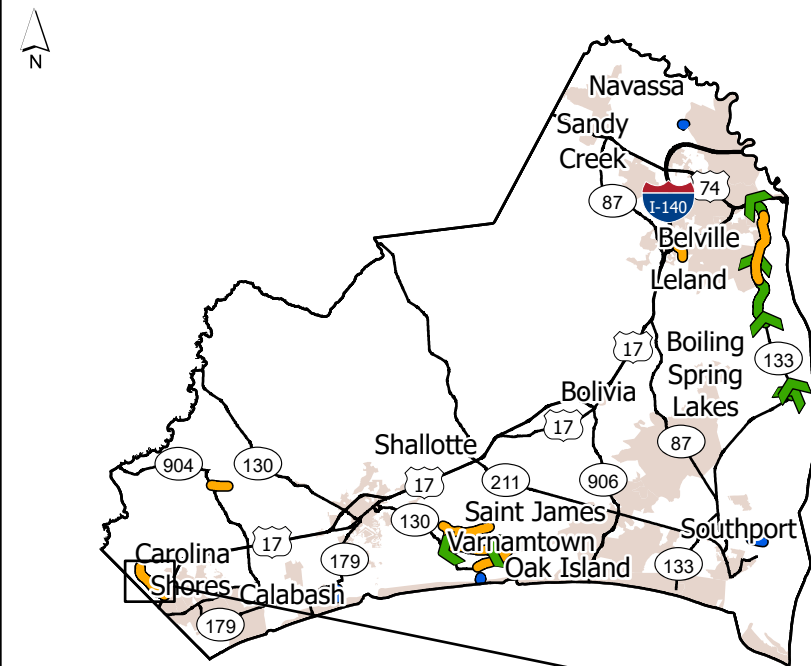
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CONTRACT: C205199



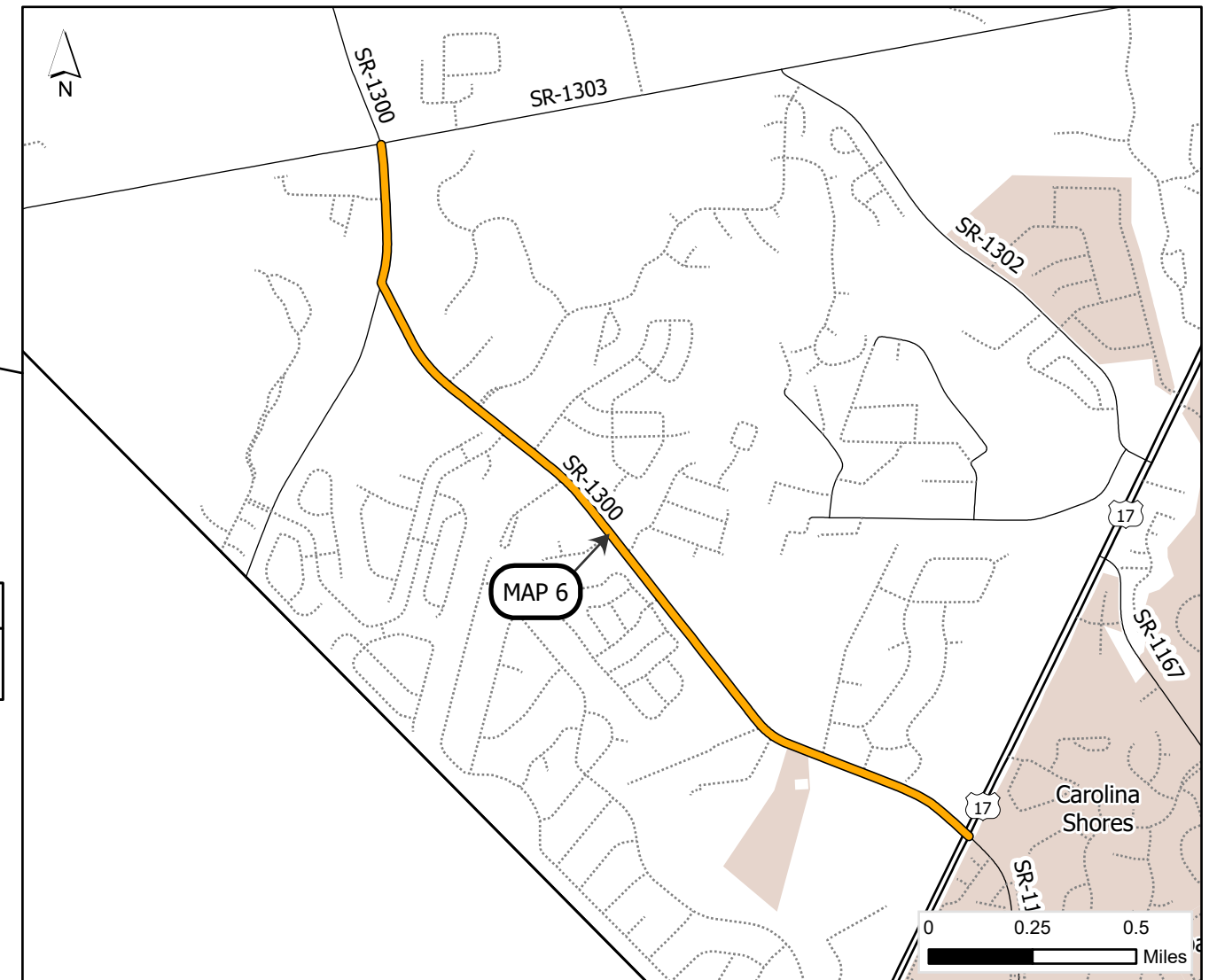
**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  
**BRUNSWICK COUNTY**

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION

— Resurfacing

MAP	ROUTE	DESCRIPTION	TYPE
6	SR-1300 / CALABASH RD NW	FROM SR 1303 (NW HICKMAN RD) TO US 17 [MP 11.02 - MP 13.35]	Resurfacing



***PROJECT LENGTH***

MAP	MILES
6	2.33

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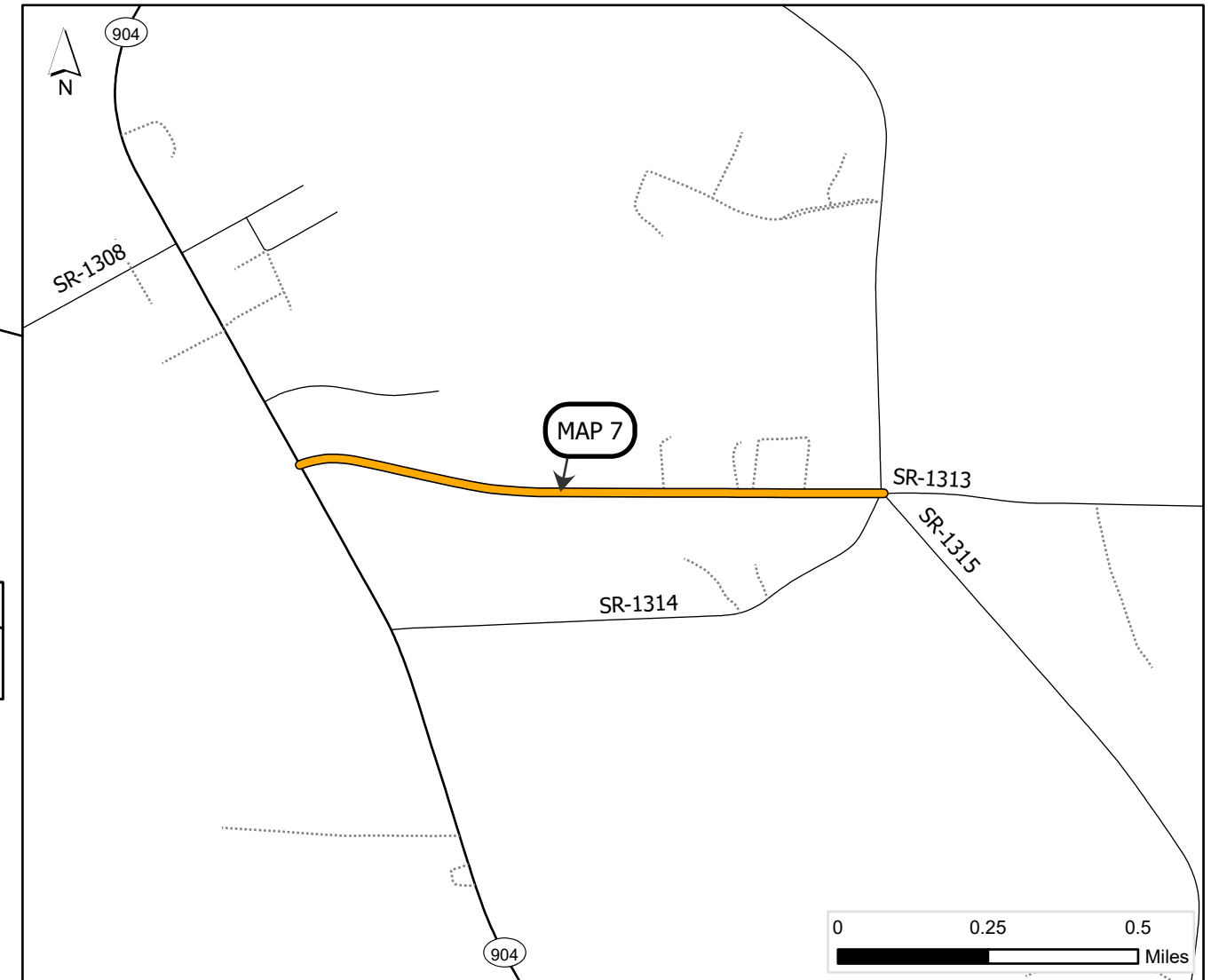
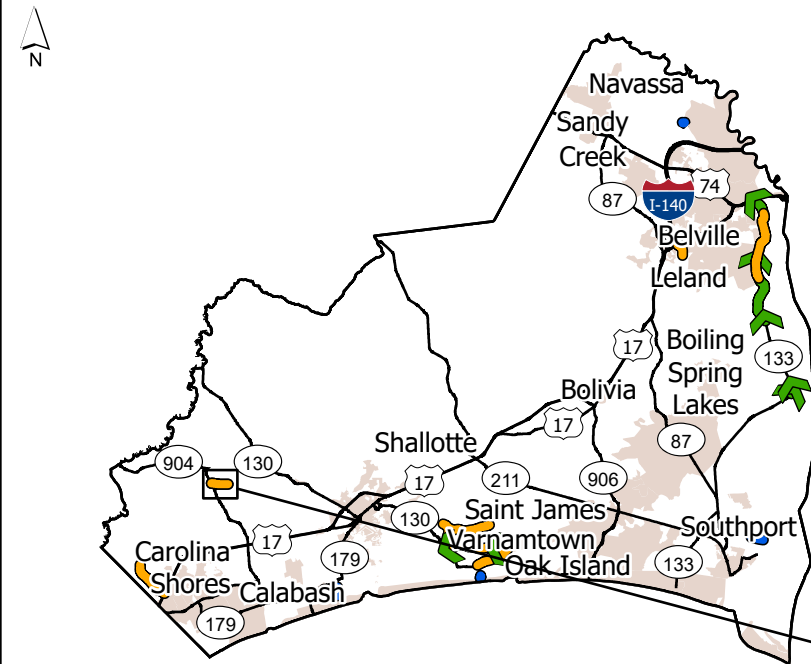
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**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  
**BRUNSWICK COUNTY**

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	4
STATE PROJECT NUMBER		DESCRIPTION

— Resurfacing



MAP	ROUTE	DESCRIPTION	TYPE
7	SR-1313 / BELLAMY RD NW	FROM NC 904 TO SR 1315 (RUSSTOWN RD NW) [MP 0.00 - MP 0.98]	Resurfacing

**PROJECT LENGTH**

MAP	MILES
7	0.98

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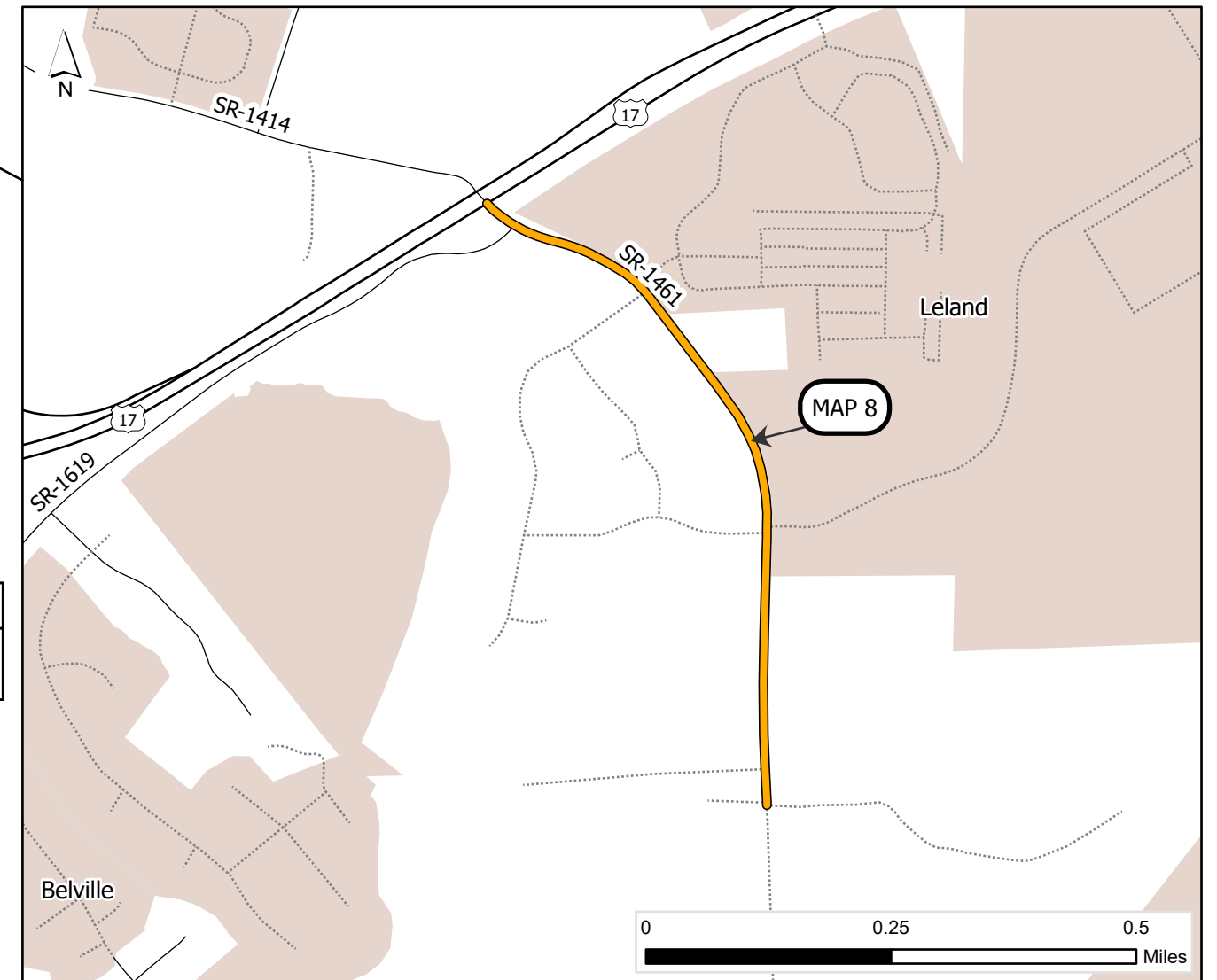
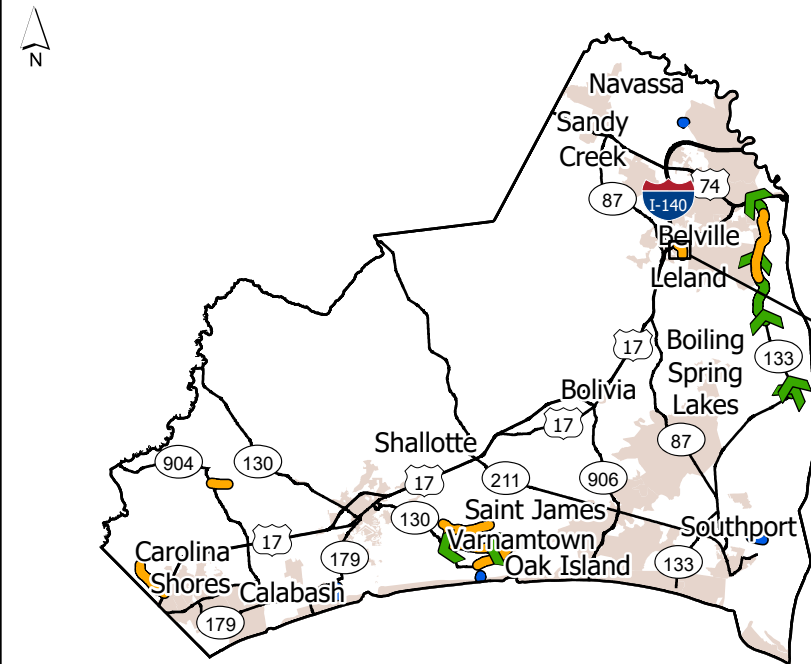
CONTRACT: C205199

**STATE OF NORTH CAROLINA  
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BRUNSWICK COUNTY**

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	5
STATE PROJECT NUMBER		DESCRIPTION

— Resurfacing



MAP	ROUTE	DESCRIPTION	TYPE
8	SR-1461 / HEWETT-BURTON RD SE	FROM US-17 (OCEAN HWY E) TO EOM [MP 0.00 - MP 0.75]	Resurfacing

**PROJECT LENGTH**

MAP	MILES
8	0.75

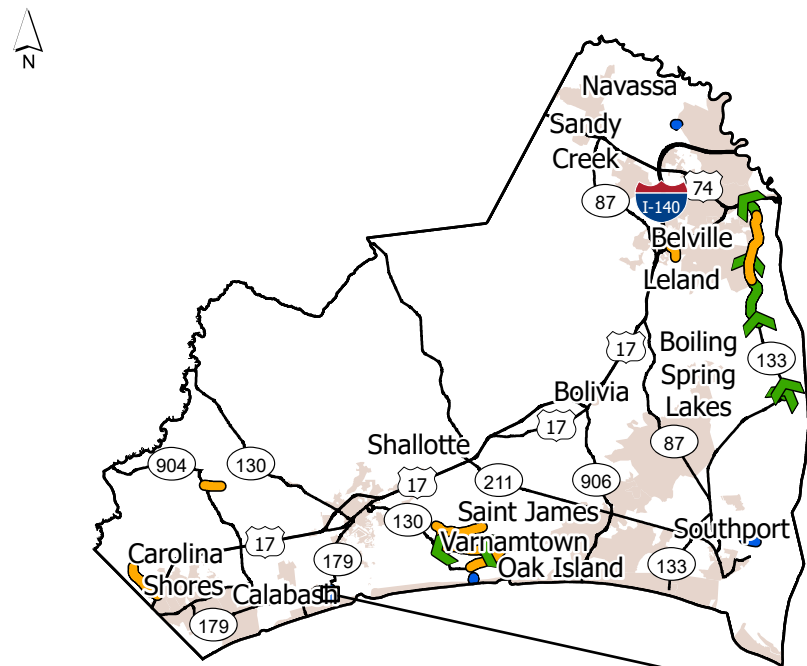
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WBS NO: 2026CPT.03.07.10101, ETC.

CONTRACT: C205199



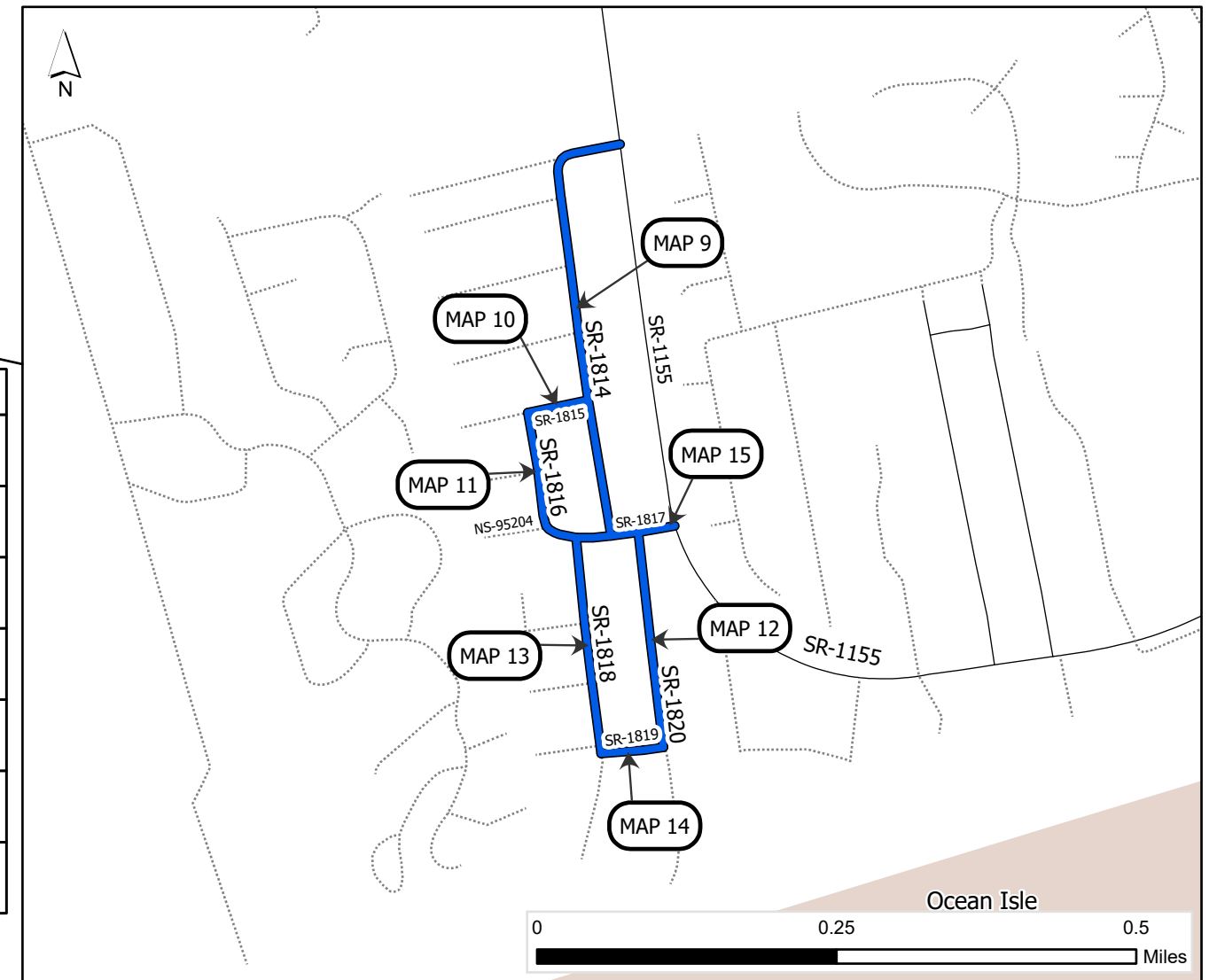
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS BRUNSWICK COUNTY

*TYPE OF WORK: PRESERVATION*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	6
STATE PROJECT NUMBER		DESCRIPTION

— Preservation

MAP	ROUTE	DESCRIPTION	TYPE
9	SR 1814 / WREN RD / SEAGULL WAY	FROM SR 1155 (GOOSE CREEK RD) TO SR 1817 (SANDPIPER DR) [MP 0.00 - MP 0.36]	Preservation
10	SR 1815 / DOVE DR	FROM SR 1814 (SEAGULL WAY) TO SR 1816 (MOCKINGBIRD LN) [MP 0.00 - MP 0.05]	Preservation
11	SR 1816 / MOCKINGBIRD LN	FROM SR 1815 (DOVE DR) TO NS-95204 (SANDPIPER DR SW) [MP 0.00 - MP 0.10]	Preservation
12	SR 1820 / SEAGULL WAY	FROM SR 1817 (SANDPIPER DR) TO SR 1819 (BIRDWATCHER PL) [MP 0.00 - MP 0.18]	Preservation
13	SR 1818 / CRANE RD	FROM SR 1817 (SANDPIPER DR) TO SR 1819 (BIRDWATCHER PL) [MP 0.00 - MP 0.18]	Preservation
14	SR 1819 / BIRDWATCHER PL	FROM SR 1820 (SEAGULL WAY) TO SR 1818 (CRANE RD) [MP 0.00 - MP 0.05]	Preservation
15	SR 1817 / SANDPIPER DR	FROM SR 1155 (GOOSE CREEK RD) TO NS-95204 (SANDPIPER DR SW) [MP 0.00 - MP 0.10]	Preservation



### PROJECT LENGTH

MAP	MILES
9	0.36
10	0.05
11	0.10
12	0.18

MAP	MILES
13	0.18
14	0.05
15	0.10

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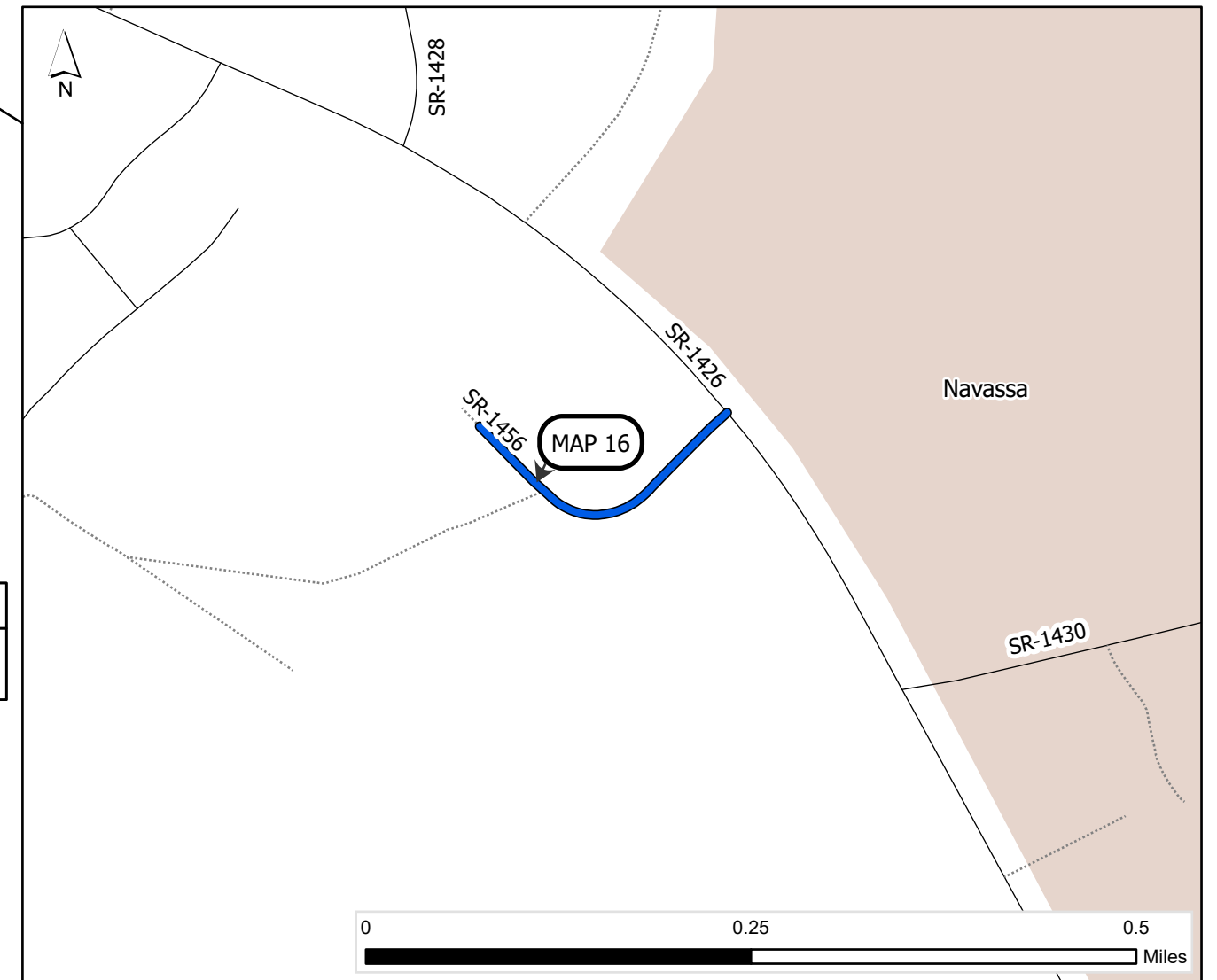
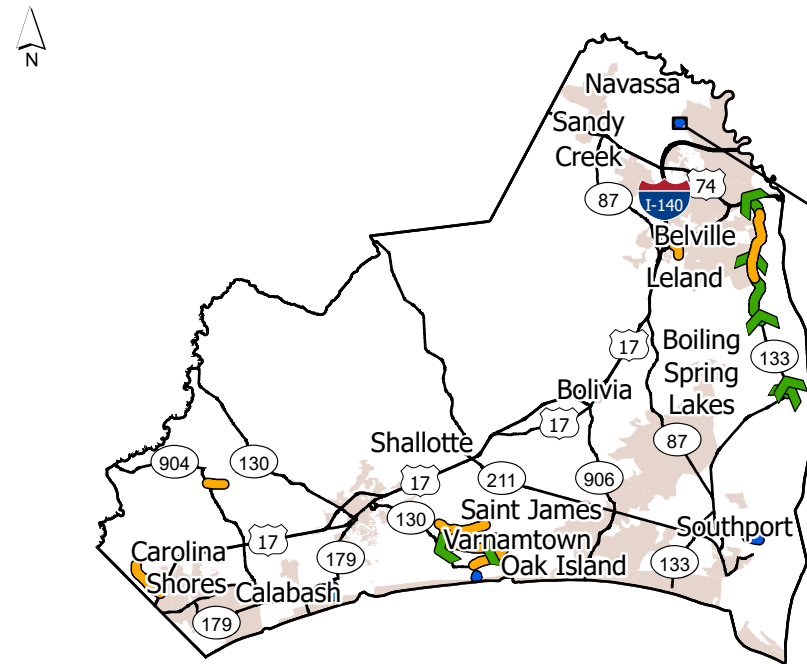
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**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
BRUNSWICK COUNTY**

*TYPE OF WORK: PRESERVATION*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	7
STATE PROJECT NUMBER		DESCRIPTION

— Preservation



MAP	ROUTE	DESCRIPTION	TYPE
16	SR-1456 / SCHOOL HOUSE RD NE	FROM SR 1426 (MT. MISERY RD NE) TO EOM [MP 0.00 - MP 0.21]	Preservation

**PROJECT LENGTH**

MAP	MILES
16	0.21

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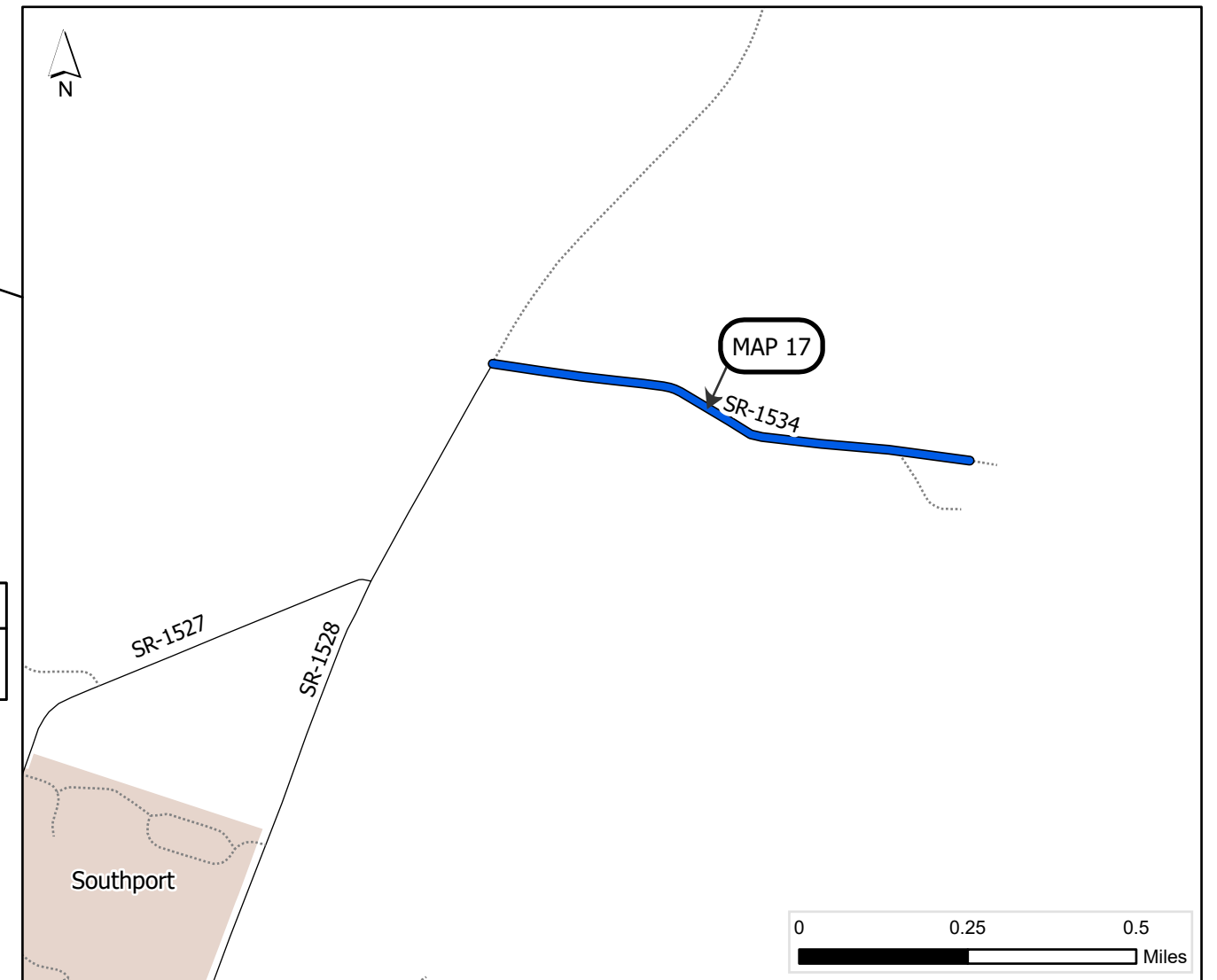
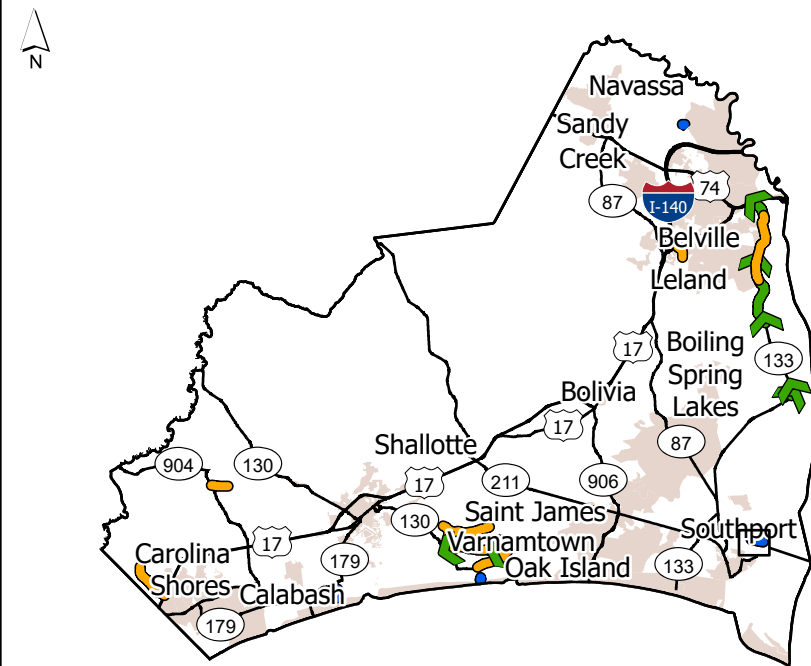
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**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  
**BRUNSWICK COUNTY**

*TYPE OF WORK: PRESERVATION*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	8
STATE PROJECT NUMBER		DESCRIPTION

— Preservation



MAP	ROUTE	DESCRIPTION	TYPE
17	SR-1534 / SHEPARD RD SE	FROM SR 1528 (E MOORE ST) TO EOM [MP 0.00 - MP 0.73]	Preservation

**PROJECT LENGTH**

MAP	MILES
17	0.73

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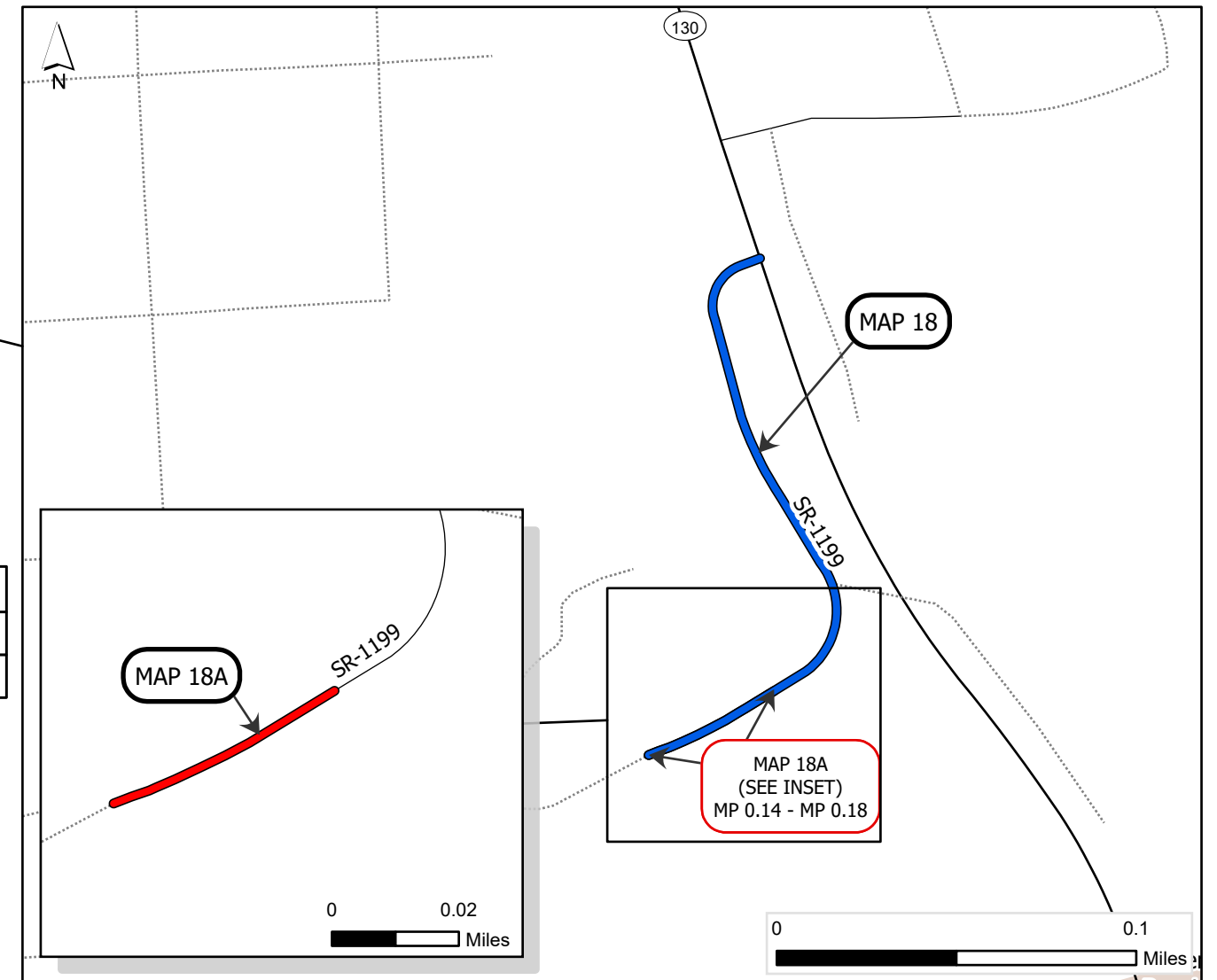
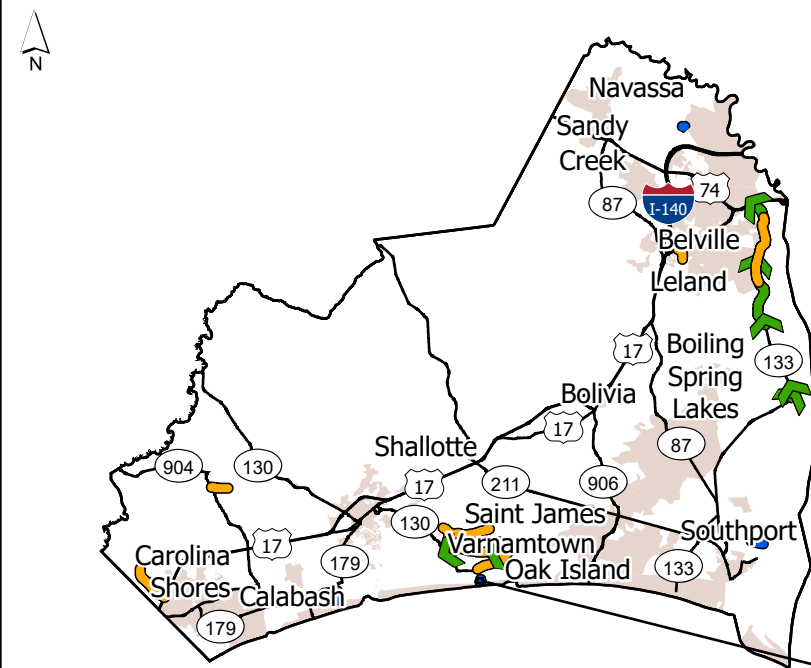
CONTRACT: C205199

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

*TYPE OF WORK: PRESERVATION; UNPAVED ROAD*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	9
STATE PROJECT NUMBER		DESCRIPTION

- Preservation
- Unpaved Road
- Division 3 Bridges



MAP	ROUTE	DESCRIPTION	TYPE
18	SR-1199 / CEDAR LANDING RD	FROM NC 130 TO ROW LIMITS [MP 0.00 - MP 0.18]	Preservation
18A	SR-1199 / CEDAR LANDING RD	FROM EOP TO ROW LIMITS [MP 0.14 - MP 0.18]	Unpaved Road

**PROJECT LENGTH**

MAP	MILES
18	0.18
18A	0.04

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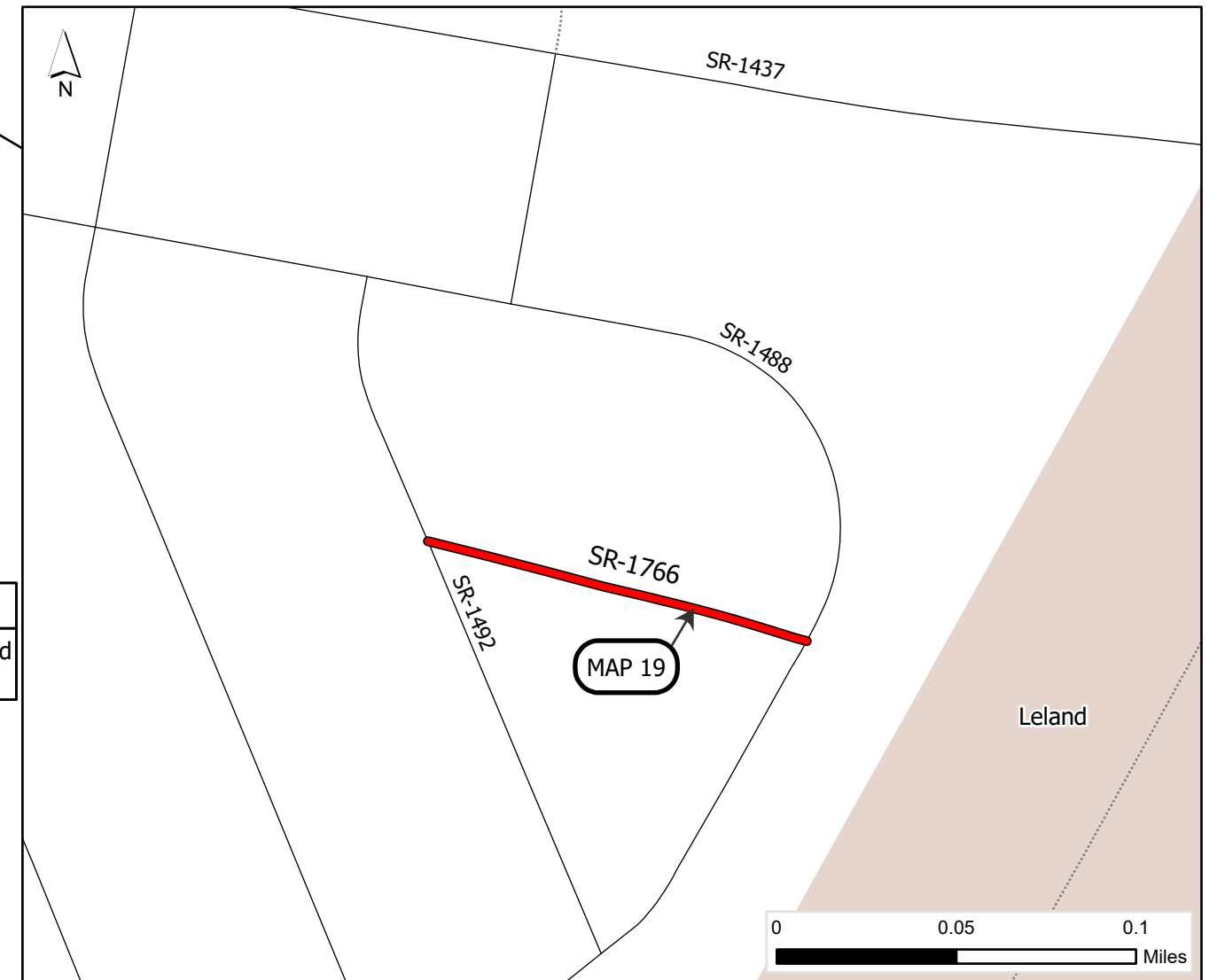
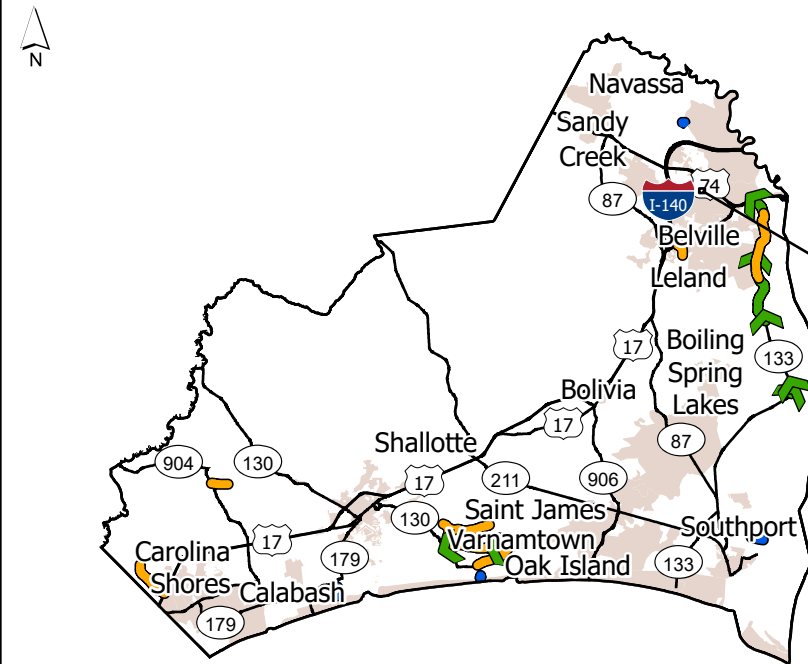
CONTRACT: C205199

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

*TYPE OF WORK: UNPAVED ROAD*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	10
STATE PROJECT NUMBER		DESCRIPTION

Unpaved Road



MAP	ROUTE	DESCRIPTION	TYPE
19	SR-1766 / ROBIN LN NE	FROM SR 1492 (DAVIDSON AVE NE) TO SR 1488 (NATIONAL AVE NE) [MP 0.00 - MP 0.11]	Unpaved Road

**PROJECT LENGTH**

MAP	MILES
19	0.11

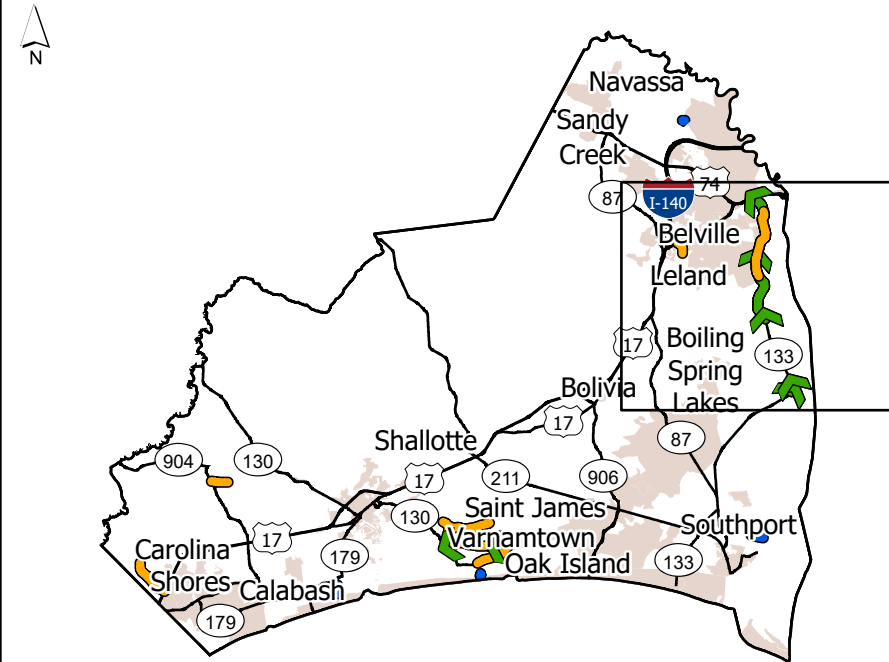
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CONTRACT: C205199



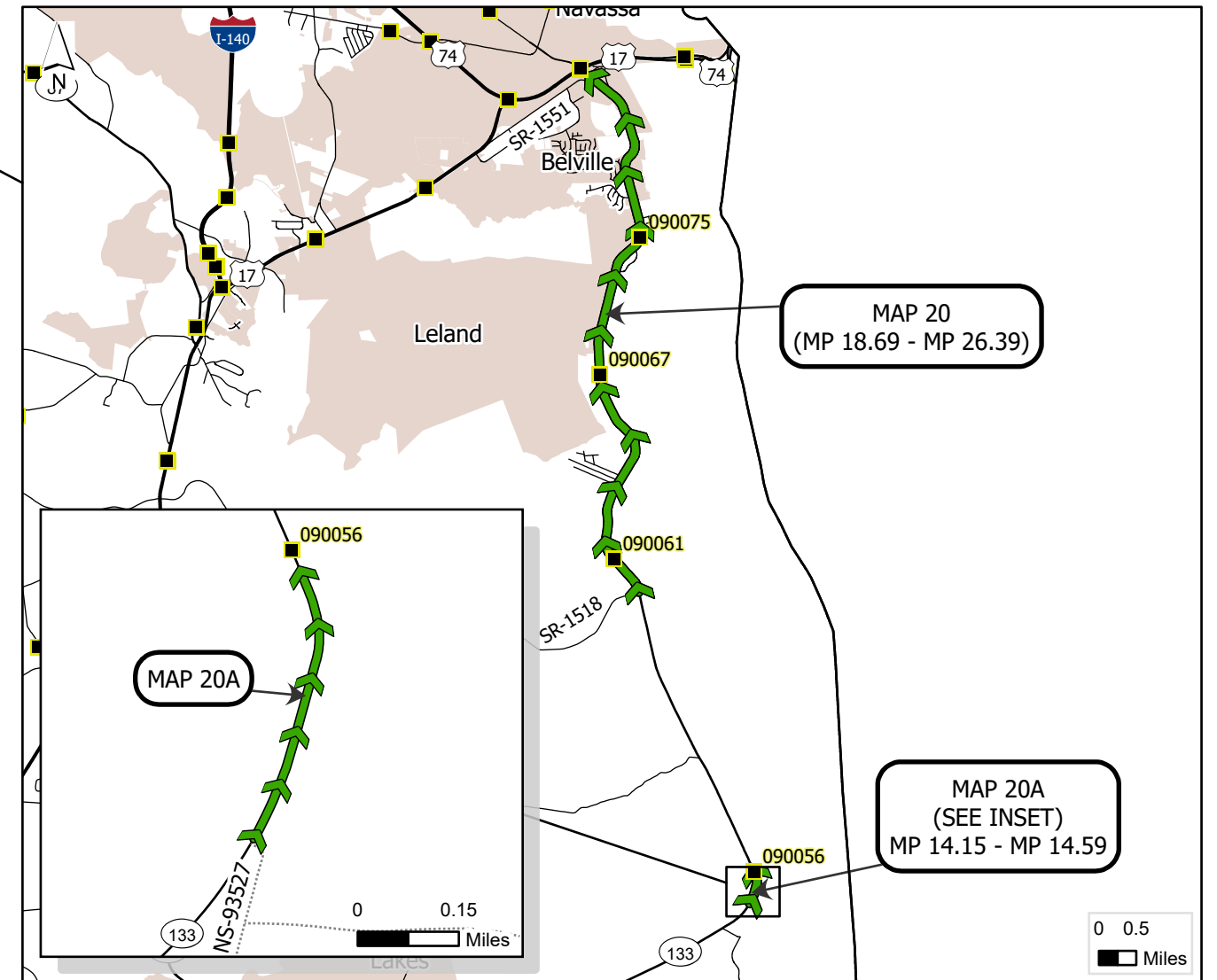
**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  
**BRUNSWICK COUNTY**

*TYPE OF WORK: RUMBLE INSTALLATION*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.07.10101, ETC.	11
STATE PROJECT NUMBER		DESCRIPTION

- Rumble Strips
- Division 3 Bridges

MAP	ROUTE	DESCRIPTION	TYPE
20	NC-133 / RIVER RD	FROM SR 1518 (DAWS CREEK RD) TO SR 1551 (BLACKWELL RD) [MP 18.69 - MP 26.39]	Rumble Strips
20A	NC-133 / RIVER RD	FROM NS 93527 (PLANTATION RD SE) TO BRIDGE NO. 56 APPROACH [MP 14.15 - MP 14.59]	Rumble Strips



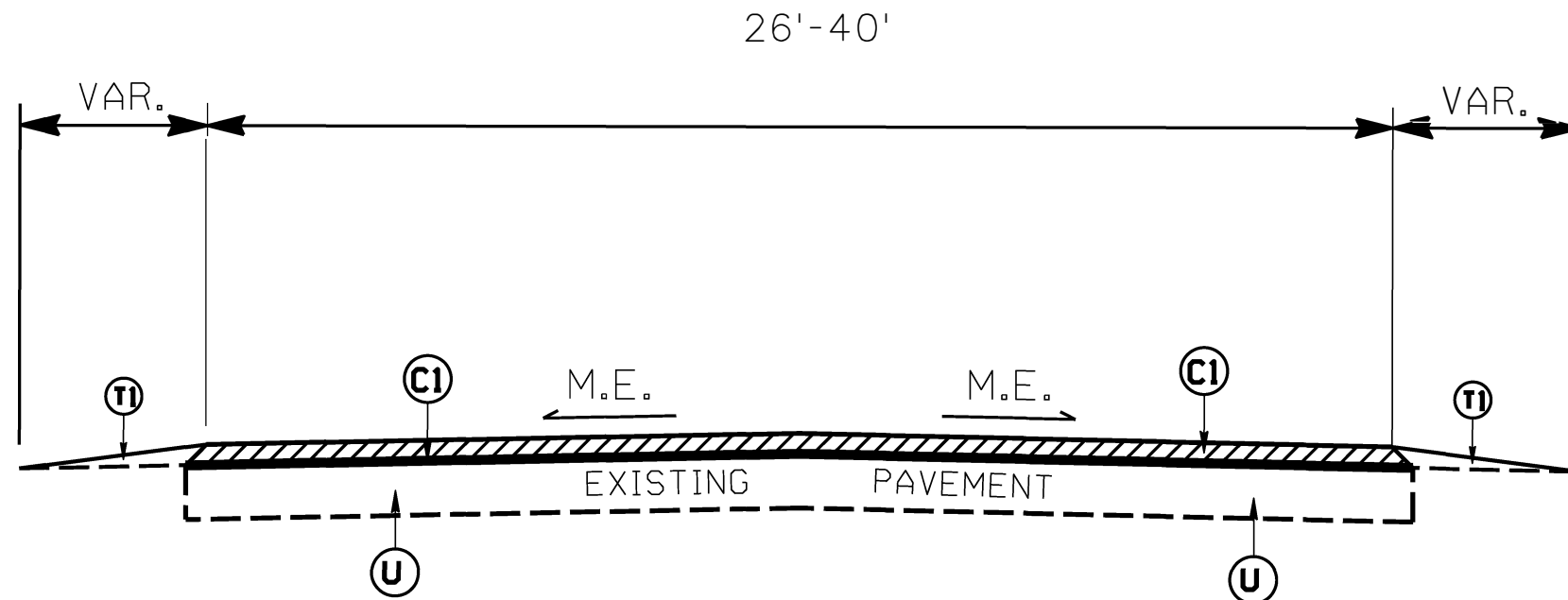
**PROJECT LENGTH**

MAP	MILES
20	7.70
20A	0.44

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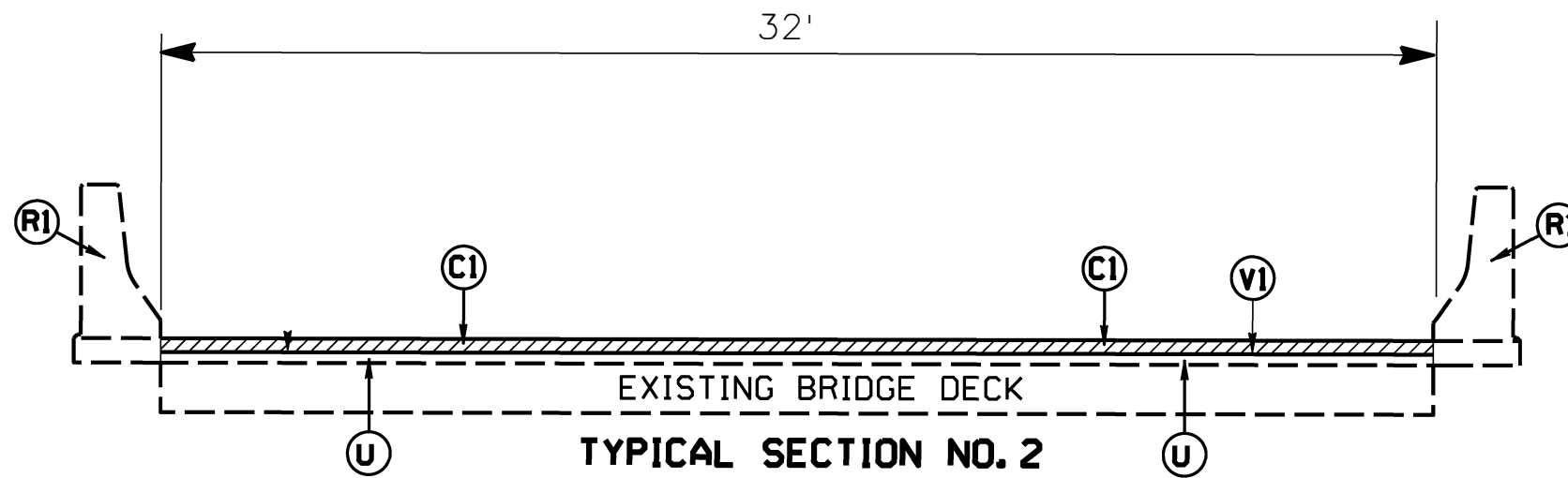




**TYPICAL SECTION NO. 1**

MAP NO. 1  
 NC 133 (RIVER RD)  
 MP 21.50 - MP 25.50

VI MAP NO. 1  
 FRIS MILL 1 1/2"  
 MP 23.88 - MP 24.73  
 MP 25.12 - MP 25.16



**TYPICAL SECTION NO. 2**

MAP NO. 1  
 NC 133 (RIVER RD)  
 MP 21.99 - MP 22.02  
 BRIDGE #0067

MAP NO. 1  
 NC 133 (RIVER RD)  
 MP 23.99 - MP 24.03  
 BRIDGE #0075

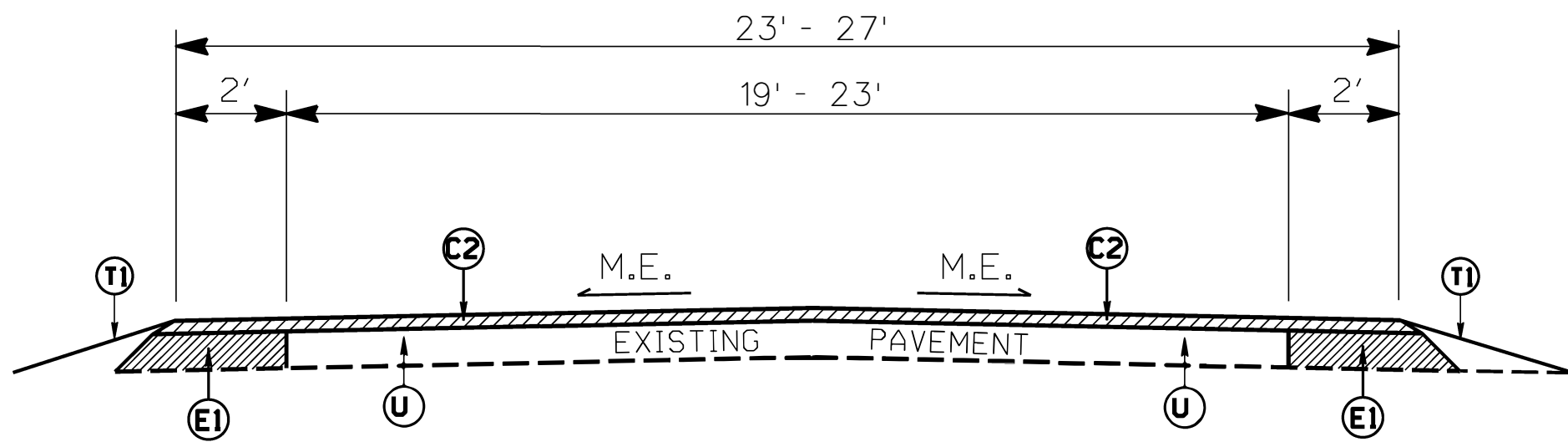
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5' DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1.5' DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
R1	EXISTING BRIDGE BARRIER RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1.5' DEPTH
V2	14" SINUSOIDAL MILLED RUMBLE STRIP, CENTERLINE
V3	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE

**NOTES:**  
 > MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.  
 >SHOULDER WORK ON MAP NO. 1 - 8 AS NEEDED, TO BE DETERMINED BY ENGINEER.

REVISIONS

\*\*\*\*\*  
 SYSTEMS  
 \*\*\*\*\*

PAVEMENT SCHEDULE	
C2	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. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT



**TYPICAL SECTION NO. 3**

**THESE ROUTES WILL HAVE PAVED SHOULDERS  
MAP 2-5 : THE CONTRACTOR SHALL RETAIN  
EXISTING LANE WIDTHS AND REINSTALL  
PAVEMENT MARKINGS PER 2024 STANDARDS**

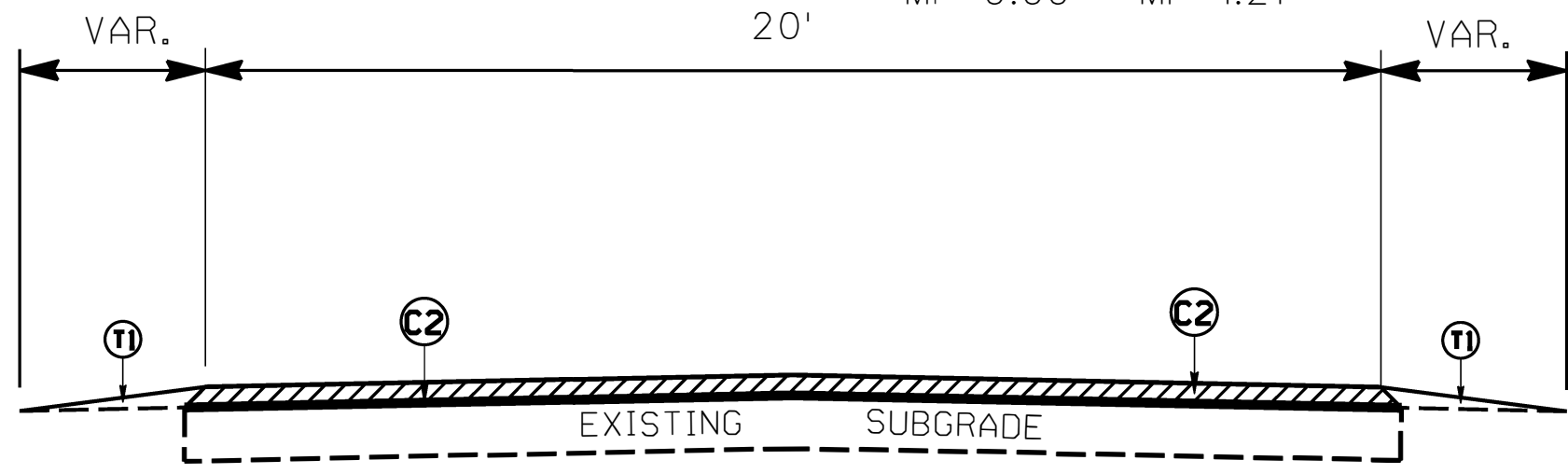
MAP NO. 2  
SR 1125 (CEDAR GROVE RD SW)  
MP 0.00 - MP 2.84

MAP NO. 4  
SR 1124 (STANBURY RD SW)  
MP 0.00 - MP 2.85

MAP NO. 3  
SR 1120 (SABBATH HOME RD SW)  
MP 0.00 - MP 2.02

MAP NO. 5  
SR 1181 (TURKEY TRAP RD SW)  
MP 0.00 - MP 1.21

MAP #	ROUTE	ROAD NAME	LANE WIDTH (LP)
2	SR 1125	CEDAR GROVE RD.SW	23
3	SR 1120	SABBATH HOME RD.SW	27
4	SR 1124	STANBURY RD.SW	23
5	SR 1181	TURKEY TRAP RD.SW	24



**TYPICAL SECTION NO. 4**

MAP NO. 19  
SR 1766 (ROBIN LN NE)  
MP 0.00 - MP 0.11

MAP NO. 18A  
SR 1199 (CEDAR LANDING RD)  
MP 0.14 - MP 0.18

REVISIONS

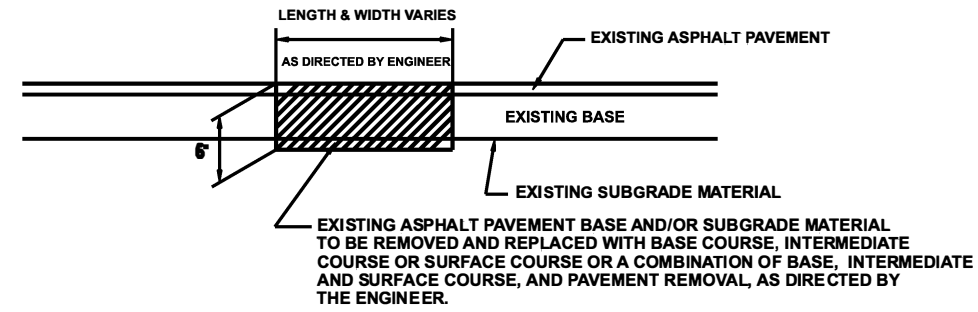
8/17/99

SYSTEMS DESIGN  
SERVICES

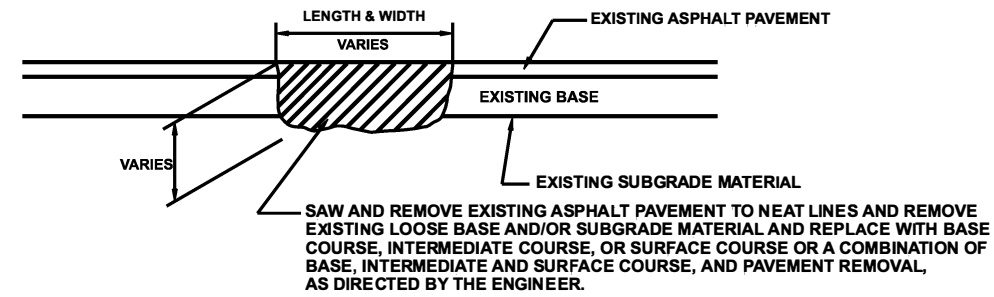




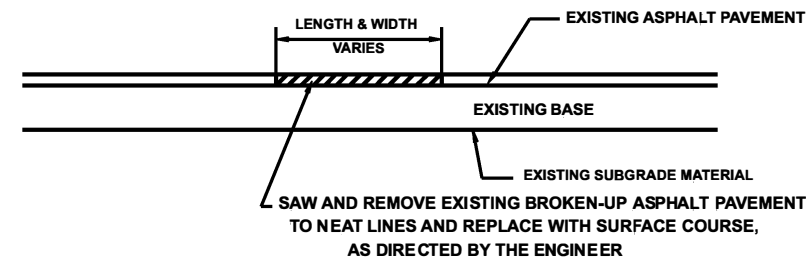
### DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



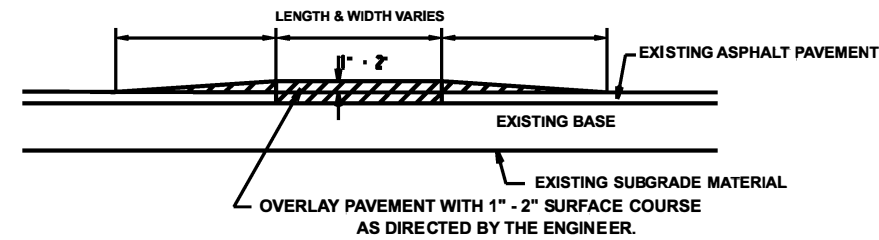
DETAIL NO. 1



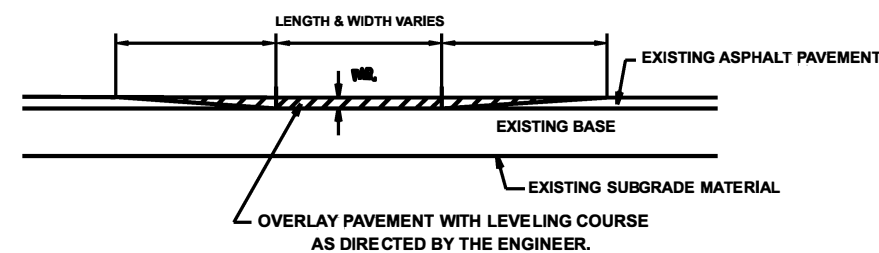
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4



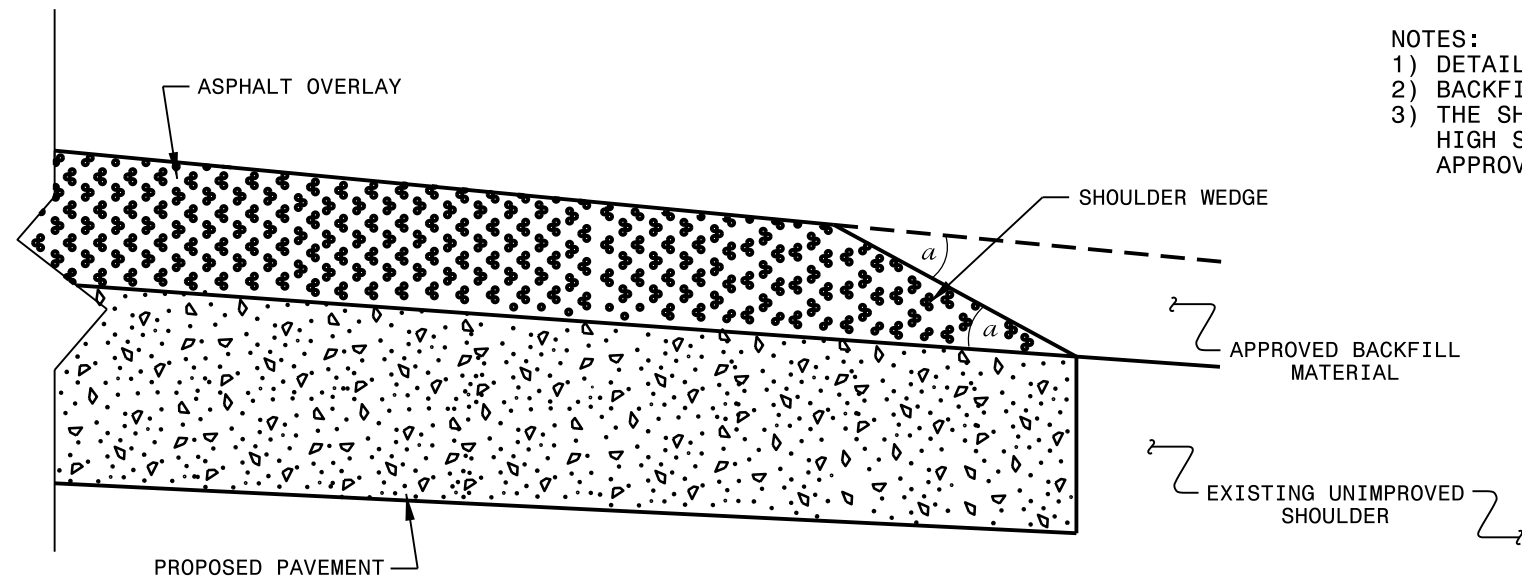
DETAIL NO. 5

REVISIONS

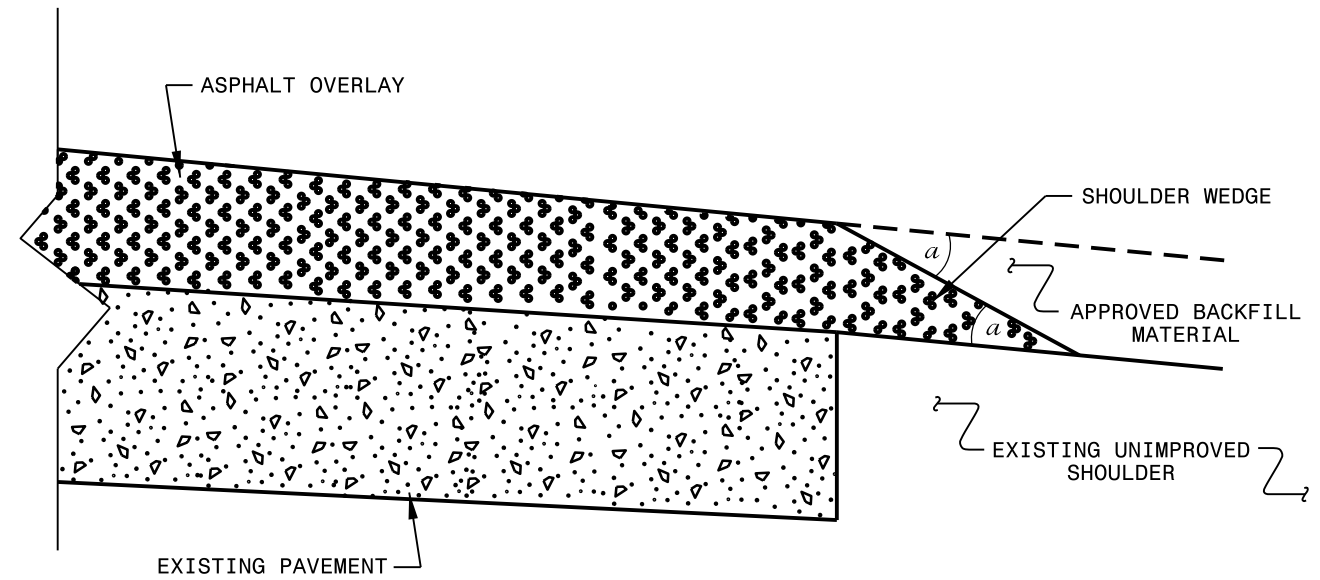
8/17/99

SYSTEMS TIME 11:55:55 AM 8/17/99

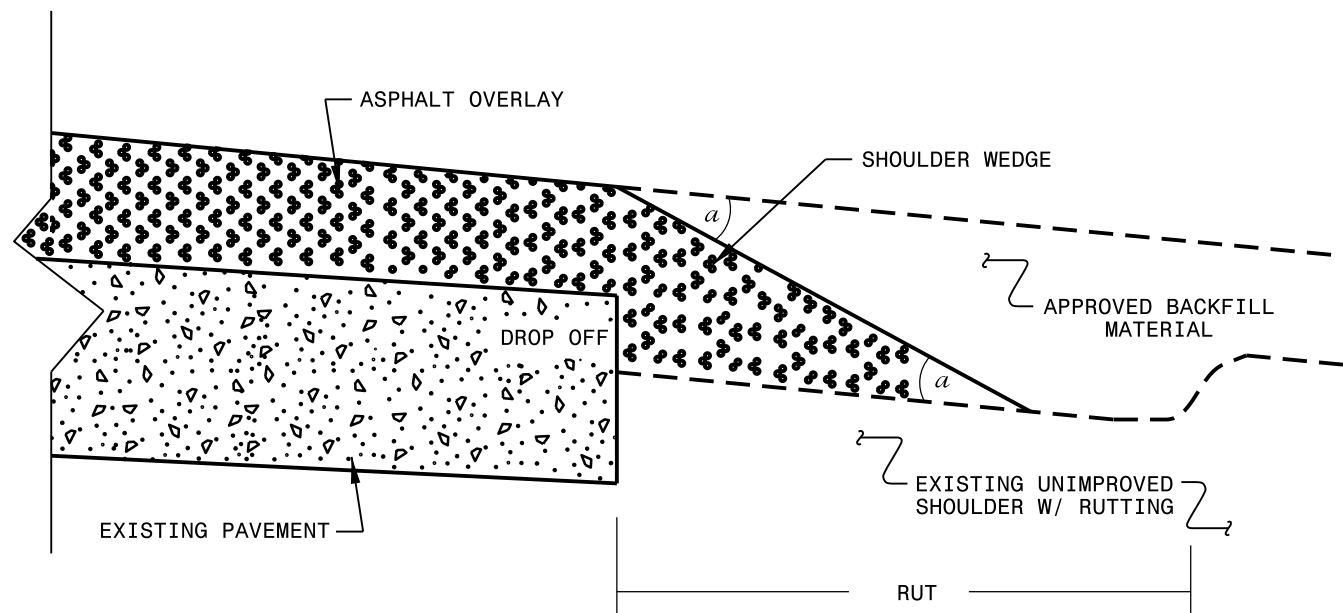
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**SHOULDER WEDGE DETAIL**  
(Resurfacing Projects w/ Widening or  
with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
(Resurfacing Projects w/ NO Widening)



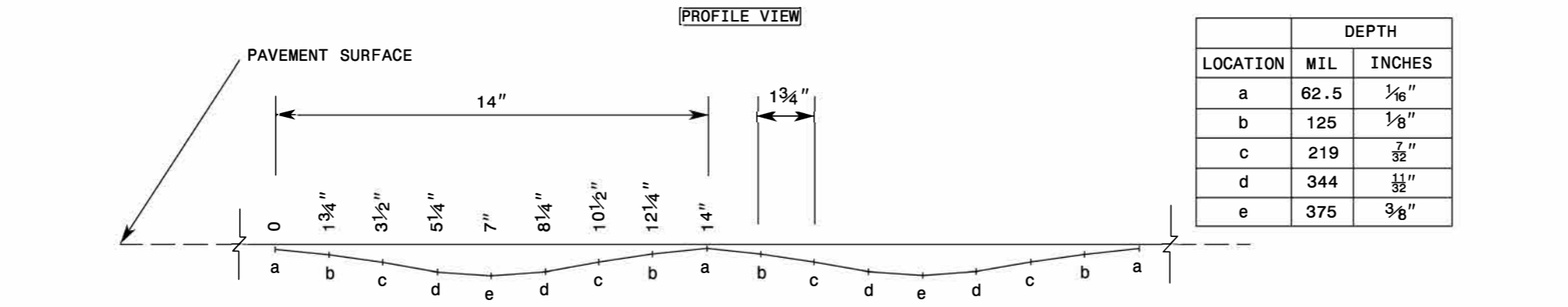
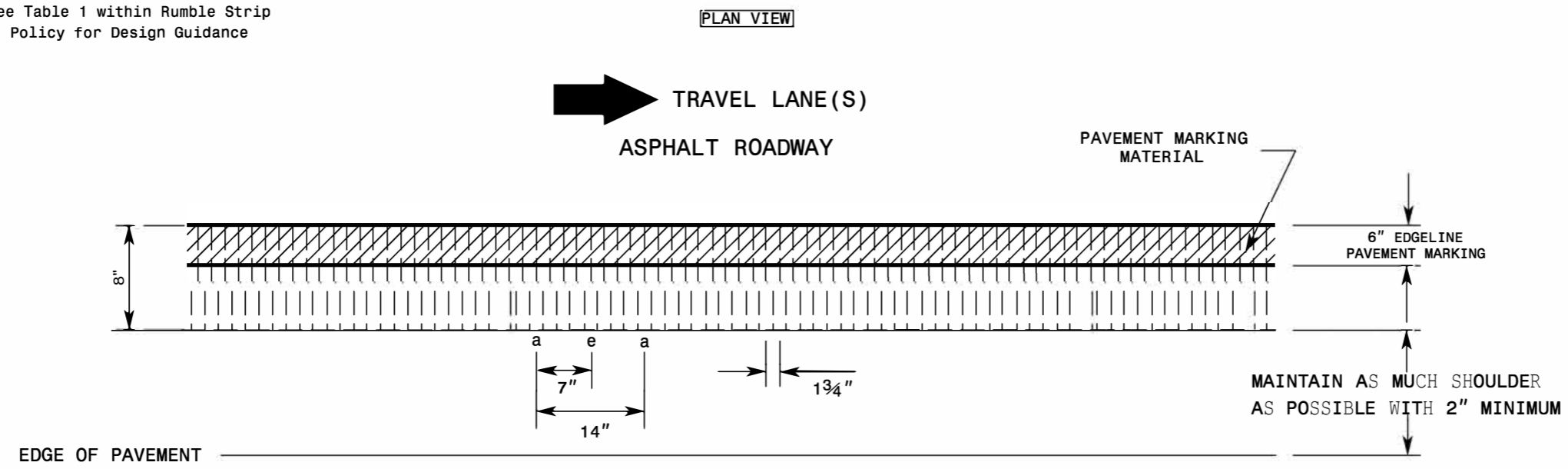
**SHOULDER WEDGE DETAIL**  
(Resurfacing Adjacent to  
Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>			
Office 919-707-6950		FAX 919-250-4119	
<b>SHOULDER WEDGE DETAILS</b>			
ORIGINAL BY: T.SPELL	DATE: 7-19-11		
MODIFIED BY:	DATE: 2/2/16		
CHECKED BY:	DATE:		
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn			



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.

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

SHEET 4 OF 9

DocuSigned by:  
*Jessi L. Leonard*  
 4D590D07E47C40F...  
 03/05/2026

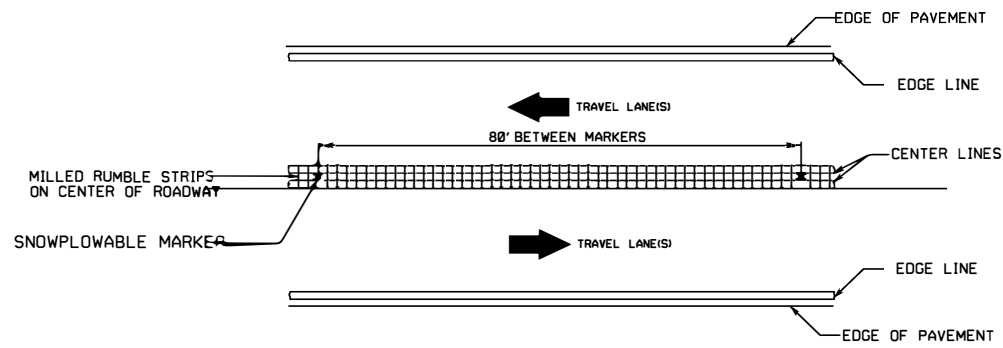
**CONTRACTS STANDARDS AND DEVELOPMENT UNIT**  
 Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

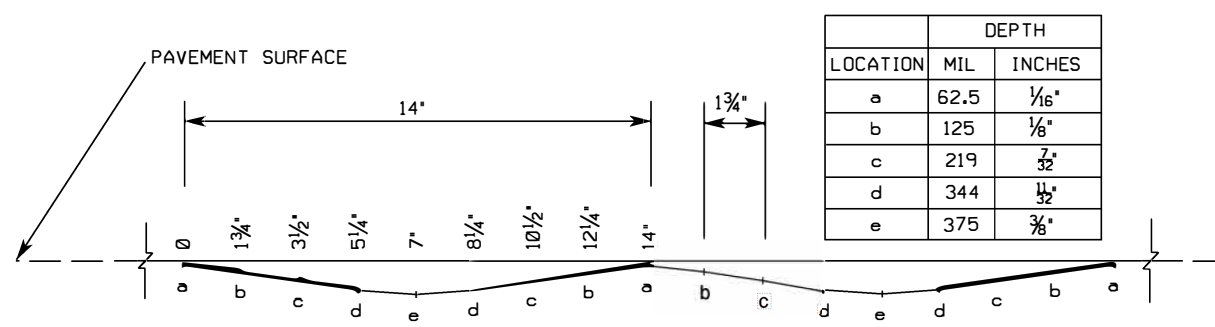
ORIGINAL BY: C. SIMPSON DATE: 04-24-2025  
 MODIFIED BY: DATE: \_\_\_\_\_  
 CHECKED BY: DATE: \_\_\_\_\_  
 FILE SPEC.: \_\_\_\_\_

See Table 2 within Rumble Strip Policy for Design Guidance

**LANE TREATMENT**

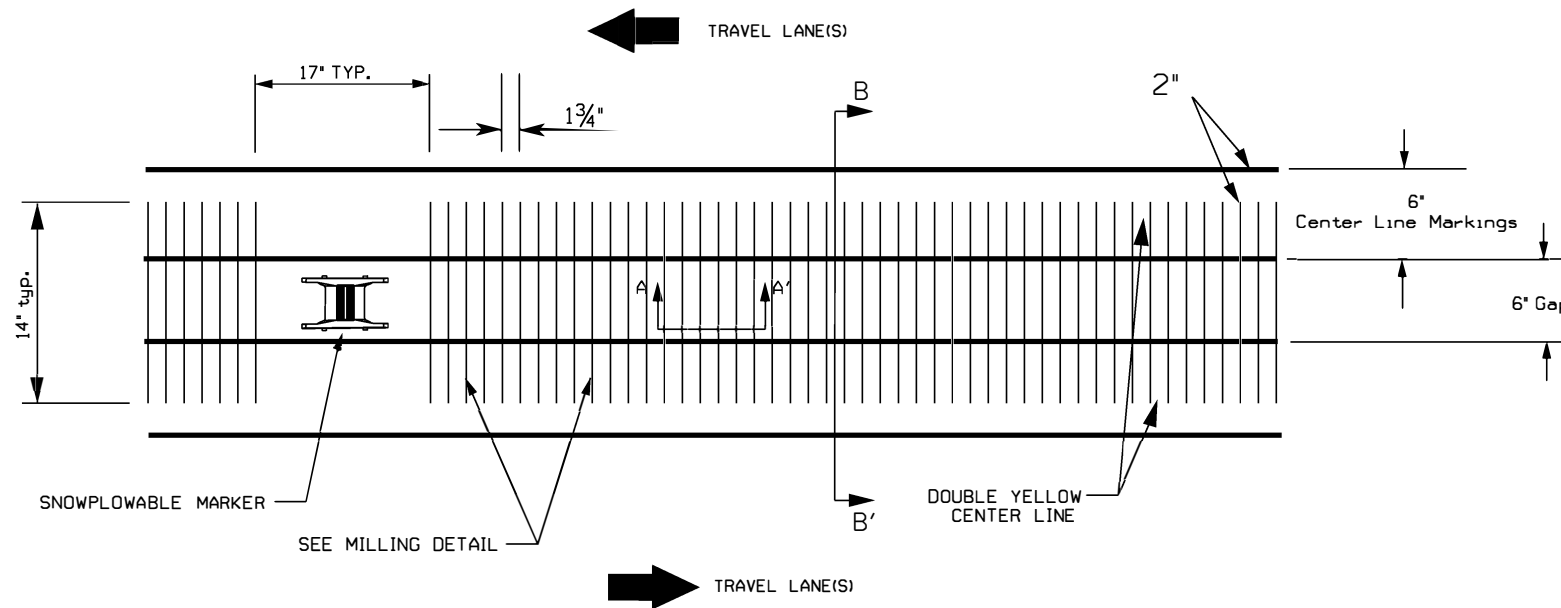


**PROFILE:**

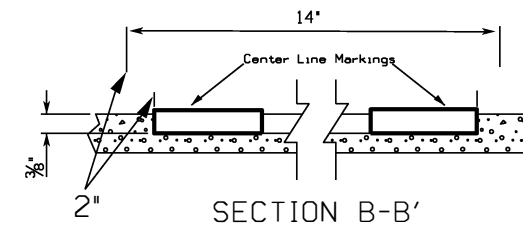


SECTION A-A'

**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

DocuSigned by:  
*Jessi L. Leonard*  
 4D590D07E47C40F...  
 02/25/2026

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.:



PROJECT NO.	TOTAL NO.
2026CPT.03.07.10101,ETC	22

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	WAR M MIX ASPH ALT	LENGTH MI	WIDTH FT	BEGIN MP	END MP	1705500000-E	1881000000-E	2738000000-E	2830000000-N	2845000000-N	5255000000-N	6000000000-E	6009000000-E		
													PATCHING EXISTING PAVEMENT (MILL) TON	EDGE LINE RUMBLE STRIP (8") LF	CENTERLINE RUMBLE STRIPS (14") LF	REMOVE MONOLITHIC CONC. ISLAND (GENERIC) SY	ADJUSTMENT OF MANHOLES EA	ADJUSTMENT OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMPORARY SILT FENCE LF	STONE FOR EC CLASS B TON	
2026CPT.03.07.10101	Brunswick	1	NC-133 / RIVER RD	FROM 0.50 MILES SOUTH OF BRIDGE NO.67 TO 0.07 MILES NORTH OF NS-95842(MORECAMBLE BLVD) [MP 21.50 - MP 25.50]	1	2	2WU	YES	4.00	26	21.50	25.50	414				2	3	1.00	400	100	
<b>TOTAL FOR MAP NO. 1</b>									<b>4.00</b>				<b>414</b>				<b>2</b>	<b>3</b>	<b>1.00</b>	<b>400</b>	<b>100</b>	
2026CPT.03.07.10101	Brunswick	20A	NC-133 / RIVER RD	MP14.44 - MP14.63	7	2		NO	0.19	26	14.44	14.63		2,000	1,000							
<b>TOTAL FOR MAP NO. 20A</b>									<b>0.19</b>					<b>2,000</b>	<b>1,000</b>							
<b>TOTAL FOR PROJ NO. 2026CPT.03.07.10101</b>									<b>4.19</b>				<b>414</b>	<b>2,000</b>	<b>1,000</b>		<b>2</b>	<b>3</b>	<b>1.00</b>	<b>400</b>	<b>100</b>	
2026CPT.03.07.20101	Brunswick	2	SR-1125 / CEDAR GROVE RD SW	FROM SR 1115 (STONE CHIMNEY RD) TO SR1130 (SW MT. PISGAH RD) [MP 0.00 - MP 2.84]	3	2	2WU	YES	2.84	23	0.00	2.84	95				2	1		807	202	
<b>TOTAL FOR MAP NO. 2</b>									<b>2.84</b>				<b>95</b>				<b>2</b>	<b>1</b>		<b>807</b>	<b>202</b>	
2026CPT.03.07.20101	Brunswick	3	SR-1120 / SABBATH HOME RD SW	FROM SR 1122 (VARNAMTOWN RD) TO NC 130 [MP 0.00 - MP 2.02]	3	2	2WU	YES	2.02	27	0.00	2.02	183		200					202	50	
<b>TOTAL FOR MAP NO. 3</b>									<b>2.02</b>				<b>183</b>		<b>200</b>					<b>202</b>	<b>50</b>	
2026CPT.03.07.20101	Brunswick	4	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130 [ MP 0.00 - MP 2.85 ]	3	2		YES	2.85	23	0.00	2.85	99							285	71	
<b>TOTAL FOR MAP NO. 4</b>									<b>2.85</b>				<b>99</b>							<b>285</b>	<b>71</b>	
2026CPT.03.07.20101	Brunswick	5	SR-1181 / TURKEY TRAP RD SW	FROM SR 1125 ( SW CEDAR GROVE RD ) TO SR 1124 ( SW STANBURY RD ) [ MP 0.00 - MP 1.21 ]	3	2	2WU	YES	1.21	24	0.00	1.21	46							121	30	
<b>TOTAL FOR MAP NO. 5</b>									<b>1.21</b>				<b>46</b>							<b>121</b>	<b>30</b>	
2026CPT.03.07.20101	Brunswick	6	SR-1300 / CALABASH RD NW	FROM SR 1303 ( NW HICKMAN RD ) TO US 17 [ MP 11.02 - MP 13.35 ]	5	2	2WU	YES	2.33	20	11.02	13.35	92				1			466	116	
<b>TOTAL FOR MAP NO. 6</b>									<b>2.33</b>				<b>92</b>				<b>1</b>			<b>466</b>	<b>116</b>	
2026CPT.03.07.20101	Brunswick	7	SR-1313 / BELLAMY RD NW	FROM NC904 TO SR1315 RUSSTOWN RD NW	5	2		YES	0.98	20	0.00	0.98	141							98	25	
<b>TOTAL FOR MAP NO. 7</b>									<b>0.98</b>				<b>141</b>							<b>98</b>	<b>25</b>	
2026CPT.03.07.20101	Brunswick	8	SR-1461 / HEWETT-BURTON RD SE	FROM US17 TO EOM	5	2		YES	0.75	18	0.00	0.75	97							75	19	
<b>TOTAL FOR MAP NO. 8</b>									<b>0.75</b>				<b>97</b>							<b>75</b>	<b>19</b>	
<b>TOTAL FOR PROJ NO. 2026CPT.03.07.20101</b>									<b>12.98</b>				<b>753</b>		<b>200</b>	<b>2</b>	<b>2</b>		<b>2,054</b>	<b>513</b>		
2026CPT.03.07.20102	Brunswick	9	SR-1814 / SEAGULL WAY SW	FROM SR1155 / GOOSE CREEK RD TO SR1817 / SANDPIPER DR	6	2		YES	0.36	18	0.00	0.36										
<b>TOTAL FOR MAP NO. 9</b>									<b>0.36</b>													
2026CPT.03.07.20102	Brunswick	10	SR-1815 / DOVE DR SW	FROM SR1814 / SEAGULL WAY TO SR1816 / MOCKINGBIRD LN	6	2		YES	0.05	16	0.00	0.05	20									
<b>TOTAL FOR MAP NO. 10</b>									<b>0.05</b>				<b>20</b>									
2026CPT.03.07.20102	Brunswick	11	SR-1816 / MOCKINGBIRD LN SW	FROM SR 1815 (DOVE DR) TO NS-95204(SANDPIPER DR SW) [MP 0.00 - MP 0.10]	6	2		YES	0.10	16	0.00	0.10	20									
<b>TOTAL FOR MAP NO. 11</b>									<b>0.10</b>				<b>20</b>									
2026CPT.03.07.20102	Brunswick	12	SR-1820 / SEAGULL WAY SW	FROM SR1817 SANDPIPER DR TO SR1819 BIRDWATCHER PL	6	2		YES	0.18	16	0.00	0.18	20									
<b>TOTAL FOR MAP NO. 12</b>									<b>0.18</b>				<b>20</b>									
2026CPT.03.07.20102	Brunswick	13	SR-1818 / CRANE RD SW	FROM SR1817 / SANDPIPER DR FROM SR1819 / BIRDWATCHER PL	6	2		YES	0.18	16	0.00	0.18	20									
<b>TOTAL FOR MAP NO. 13</b>									<b>0.18</b>				<b>20</b>									
2026CPT.03.07.20102	Brunswick	14	SR-1819 / BIRDWATCHER PL SW	FROM SR1818 / CRANE RD TO SR1820 / SEAGULL WAY	6	2		YES	0.05	16	0.00	0.05	20									
<b>TOTAL FOR MAP NO. 14</b>									<b>0.05</b>				<b>20</b>									
2026CPT.03.07.20102	Brunswick	15	SR-1817 / SANDPIPER DR SW	FROM SR 1155 (GOOSE CREEK RD) TO NS-95204(SANDPIPER DR SW) [MP 0.00-MP0.10]	6	2		YES	0.10	16	0.00	0.10	20									
<b>TOTAL FOR MAP NO. 15</b>									<b>0.10</b>				<b>20</b>									
2026CPT.03.07.20102	Brunswick	16	SR-1456 / SCHOOL HOUSE RD NE	FROM SR1426 / MT. MISERY RD NE TO EOM	6	2		YES	0.21	20	0.00	0.21	52									
<b>TOTAL FOR MAP NO. 16</b>									<b>0.21</b>				<b>52</b>									
2026CPT.03.07.20102	Brunswick	17	SR-1534 / SHEPARD RD SE	FROM SR1528 E MOORE ST TO EOM	6	2		YES	0.73	20	0.00	0.73	89									
<b>TOTAL FOR MAP NO. 17</b>									<b>0.73</b>				<b>89</b>									
2026CPT.03.07.20102	Brunswick	18	SR-1199 / CEDAR LANDING RD SW	FROM NC 130 TO ROW LIMITS [MP 0.00 - MP 0.18]	6	2		YES	0.18	24	0.00	0.18	30									
<b>TOTAL FOR MAP NO. 18</b>									<b>0.18</b>				<b>30</b>									
<b>TOTAL FOR PROJ NO. 2026CPT.03.07.20102</b>									<b>2.14</b>				<b>291</b>									
50975.3.50	Brunswick	20	NC-133 / RIVER RD	FROM SR1518 DAWES CREEK RD TO SR1551 BLACKWELL RD	7	2		NO	7.70	26	18.69	26.39		81,312	40,656							
<b>TOTAL FOR MAP NO. 20</b>									<b>7.70</b>					<b>81,312</b>	<b>40,656</b>							
50975.3.50	Brunswick	4A	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130	7	2	2WU	NO	2.85	4	0.00	2.85		30,096	15,048							
<b>TOTAL FOR MAP NO. 4A</b>									<b>2.85</b>					<b>30,096</b>	<b>15,048</b>							
<b>TOTAL FOR PROJ NO. 50975.3.50</b>									<b>10.55</b>					<b>111,408</b>	<b>55,704</b>							
3C.010109	Brunswick	19	SR-1766 / ROBIN LN NE	FROM SR 1492 (DAVIDSON AVE NE) TO SR 1488( NATIONAL AVE NE) [MP 0.00-MP0.11]	4	2	2WU	YES	0.11	22	0.00	0.11								11	3	
<b>TOTAL FOR MAP NO. 19</b>									<b>0.11</b>												<b>11</b>	<b>3</b>
<b>TOTAL FOR PROJ NO. 3C.010109</b>									<b>0.11</b>												<b>11</b>	<b>3</b>
3C.010104	Brunswick	18A	SR-1199 / CEDAR LANDING RD SW	FROM END OF PAVEMENT TO END OF MAINTENANCE	4	2	2WU	YES	0.04	22	0.11	0.15								4	1	
<b>TOTAL FOR MAP NO. 18A</b>									<b>0.04</b>												<b>4</b>	<b>1</b>
<b>TOTAL FOR PROJ NO. 3C.010104</b>									<b>0.04</b>												<b>4</b>	<b>1</b>
<b>GRAND TOTAL</b>									<b>30.01</b>				<b>1,458</b>	<b>113,408</b>	<b>56,704</b>	<b>200</b>	<b>4</b>	<b>5</b>	<b>1.00</b>	<b>2,469</b>	<b>617</b>	

PROJECT NO.	TOTAL NO.
2026CPT.03.07.10101,ETC	23

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	WAR M MIX ASPH ALT	LENGTH MI	WIDTH FT	BEGIN MP	END MP	6012000000-E	6015000000-E	6018000000-E	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E	
													SEDIMENT CONTROL STONE	TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING	FERTILIZER FOR TEMPORARY SEEDING	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT	
													TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	LF	
2026CPT.03.07.10101	Brunswick	1	NC-133 / RIVER RD	FROM 0.50 MILES SOUTH OF BRIDGE NO.67 TO 0.07 MILES NORTH OF NS-95842(MORECABLE BLVD) [MP 21.50 - MP 25.50]	1	2	2WU	YES	4.00	26	21.50	25.50	100	4.00	200	1.00	30	200	60	4.00	200	1.00	4	1,000	
TOTAL FOR MAP NO. 1													100	4.00	200	1.00	30	200	60	4.00	200	1.00	4	1,000	
2026CPT.03.07.10101	Brunswick	20A	NC-133 / RIVER RD	MP14.44 - MP14.63	7	2		NO	0.19	26	14.44	14.63													
TOTAL FOR MAP NO. 20A																									
TOTAL FOR PROJ NO. 2026CPT.03.07.10101													100	4.00	200	1.00	30	200	60	4.00	200	1.00	4	1,000	
2026CPT.03.07.20101	Brunswick	2	SR-1125 / CEDAR GROVE RD SW	FROM SR 1115 (STONE CHIMNEY RD) TO SR1130 (SW MT. PISGAH RD) [MP 0.00 - MP 2.84]	3	2	2WU	YES	2.84	23	0.00	2.84	71	8.52	142	0.75	20	142	50	2.75	142	0.75	2		
TOTAL FOR MAP NO. 2													71	8.52	142	0.75	20	142	50	2.75	142	0.75	2		
2026CPT.03.07.20101	Brunswick	3	SR-1120 / SABBATH HOME RD SW	FROM SR 1122 (VARNAMTOWN RD) TO NC 130 [MP 0.00 - MP 2.02]	3	2	2WU	YES	2.02	27	0.00	2.02	50	2.00		0.50	20	101	40	2.00	202	0.50	2		
TOTAL FOR MAP NO. 3													50	2.00		0.50	20	101	40	2.00	202	0.50	2		
2026CPT.03.07.20101	Brunswick	4	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130 [MP 0.00 - MP 2.85]	3	2		YES	2.85	23	0.00	2.85	71	2.85	142	0.75	20	142	50	2.75	142	0.75	2		
TOTAL FOR MAP NO. 4													71	2.85	142	0.75	20	142	50	2.75	142	0.75	2		
2026CPT.03.07.20101	Brunswick	5	SR-1181 / TURKEY TRAP RD SW	FROM SR 1125 ( SW CEDAR GROVE RD ) TO SR 1124 ( SW STANBURY RD ) [MP 0.00 - MP 1.21]	3	2	2WU	YES	1.21	24	0.00	1.21	30	1.25	60	0.30	10	60	20	1.17	0				
TOTAL FOR MAP NO. 5													30	1.25	60	0.30	10	60	20	1.17	0				
2026CPT.03.07.20101	Brunswick	6	SR-1300 / CALABASH RD NW	FROM SR 1303 ( NW HICKMAN RD ) TO US 17 [MP 11.02 - MP 13.35]	5	2	2WU	YES	2.33	20	11.02	13.35	58	2.00	116	0.50	20	116	40	2.25	116	0.50	2		
TOTAL FOR MAP NO. 6													58	2.00	116	0.50	20	116	40	2.25	116	0.50	2		
2026CPT.03.07.20101	Brunswick	7	SR-1313 / BELLAMY RD NW	FROM NC904 TO SR1315 RUSSTOWN RD NW	5	2		YES	0.98	20	0.00	0.98	25	1.00	49	0.25	10	49	20	1.00	49	0.25	2		
TOTAL FOR MAP NO. 7													25	1.00	49	0.25	10	49	20	1.00	49	0.25	2		
2026CPT.03.07.20101	Brunswick	8	SR-1461 / HEWETT-BURTON RD SE	FROM US17 TO EOM	5	2		YES	0.75	18	0.00	0.75	19	0.75		0.25	10	38	20	0.75	75	0.25	2		
TOTAL FOR MAP NO. 8													19	0.75		0.25	10	38	20	0.75	75	0.25	2		
TOTAL FOR PROJ NO. 2026CPT.03.07.20101													324	18.37	509	3.30	110	648	240	12.67	726	3.00	12		
2026CPT.03.07.20102	Brunswick	9	SR-1814 / SEAGULL WAY SW	FROM SR1155 / GOOSE CREEK RD TO SR1817 / SANDPIPER DR	6	2		YES	0.36	18	0.00	0.36													
TOTAL FOR MAP NO. 9																									
2026CPT.03.07.20102	Brunswick	10	SR-1815 / DOVE DR SW	FROM SR1814 / SEAGULL WAY TO SR1816 / MOCKINGBIRD LN	6	2		YES	0.05	16	0.00	0.05													
TOTAL FOR MAP NO. 10																									
2026CPT.03.07.20102	Brunswick	11	SR-1816 / MOCKINGBIRD LN SW	FROM SR 1815 (DOVE DR) TO NS-95204(SANDPIPER DR SW) [MP 0.00 - MP 0.10]	6	2		YES	0.10	16	0.00	0.10													
TOTAL FOR MAP NO. 11																									
2026CPT.03.07.20102	Brunswick	12	SR-1820 / SEAGULL WAY SW	FROM SR1817 SANDPIPER DR TO SR1819 BIRDWATCHER PL	6	2		YES	0.18	16	0.00	0.18													
TOTAL FOR MAP NO. 12																									
2026CPT.03.07.20102	Brunswick	13	SR-1818 / CRANE RD SW	FROM SR1817 / SANDPIPER DR FROM SR1819 / BIRDWATCHER PL	6	2		YES	0.18	16	0.00	0.18													
TOTAL FOR MAP NO. 13																									
2026CPT.03.07.20102	Brunswick	14	SR-1819 / BIRDWATCHER PL SW	FROM SR1818 / CRANE RD TO SR1820 / SEAGULL WAY	6	2		YES	0.05	16	0.00	0.05													
TOTAL FOR MAP NO. 14																									
2026CPT.03.07.20102	Brunswick	15	SR-1817 / SANDPIPER DR SW	FROM SR 1155 (GOOSE CREEK RD) TO NS-95204(SANDPIPER DR SW) [MP 0.00-MP0.10]	6	2		YES	0.10	16	0.00	0.10													
TOTAL FOR MAP NO. 15																									
2026CPT.03.07.20102	Brunswick	16	SR-1456 / SCHOOL HOUSE RD NE	FROM SR1426 / MT. MISERY RD NE TO EOM	6	2		YES	0.21	20	0.00	0.21													
TOTAL FOR MAP NO. 16																									
2026CPT.03.07.20102	Brunswick	17	SR-1534 / SHEPARD RD SE	FROM SR1528 E MOORE ST TO EOM	6	2		YES	0.73	20	0.00	0.73													
TOTAL FOR MAP NO. 17																									
2026CPT.03.07.20102	Brunswick	18	SR-1199 / CEDAR LANDING RD SW	FROM NC 130 TO ROW LIMITS [MP 0.00 - MP 0.18]	6	2		YES	0.18	24	0.00	0.18													
TOTAL FOR MAP NO. 18																									
TOTAL FOR PROJ NO. 2026CPT.03.07.20102																									
50975.3.50	Brunswick	20	NC-133 / RIVER RD	FROM SR1518 DAWS CREEK RD TO SR1551 BLACKWELL RD	7	2		NO	7.70	26	18.69	26.39													
TOTAL FOR MAP NO. 20																									
50975.3.50	Brunswick	4A	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130	7	2	2WU	NO	2.85	4	0.00	2.85													
TOTAL FOR MAP NO. 4A																									
TOTAL FOR PROJ NO. 50975.3.50																									
3C.010109	Brunswick	19	SR-1766 / ROBIN LN NE	FROM SR 1492 (DAVIDSON AVE NE) TO SR 1488 (NATIONAL AVE NE) [MP 0.00-MP0.11]	4	2	2WU	YES	0.11	22	0.00	0.11	3	0.11	10	0.01	10	6	10	0.11	6	0.03	1		
TOTAL FOR MAP NO. 19																									
TOTAL FOR PROJ NO. 3C.010109																									
3C.010104	Brunswick	18A	SR-1199 / CEDAR LANDING RD SW	FROM END OF PAVEMENT TO END OF MAINTENANCE	4	2	2WU	YES	0.04	22	0.11	0.15	1	0.04	2	0.01	10	2	10	0.04	2	0.01	1		
TOTAL FOR MAP NO. 18A																									
TOTAL FOR PROJ NO. 3C.010104																									
GRAND TOTAL													428	22.52	721	4.32	160	856	320	16.82	934	4.04	18	1,000	

PROJECT NO.	TOTAL NO.
2026CPT.03.07.10101, ETC	24.0

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E WORK ZONE ADVANCE/GE NERAL WARNING SIGNING	4457000000-N TEMPORARY TRAFFIC CONTROL	4510000000-N LAW ENFORCEMEN T	4685000000-E		4688000000-E		4700000000-E	4709000000-E		
															4" X 90 M YELLOW THERMO	4" X 90 M WHITE THERMO	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	THERMOPLAST IC PAVEMENT MARKING LINES (24" X 90 MILS)		
								MI	FT			SF	LS	HR	LF	LF	LF	LF	LF			
2026CPT.03.07.10101	Brunswick	1	NC-133 / RIVER RD	FROM 0.50 MILES SOUTH OF BRIDGE NO.67 TO 0.07 MILES NORTH OF NS-95842(MORECABLE BLVD) [MP 21.50 - MP 25.50]	1	2	2WU	4.00	26	21.5	25.5	448	*	40					4,400	80		
<b>TOTAL FOR MAP NO. 1</b>								<b>4.00</b>				<b>448</b>		<b>40</b>					<b>4,400</b>	<b>80</b>		
2026CPT.03.07.10101	Brunswick	20A	NC-133 / RIVER RD	MP14.44 - MP14.63	7	2		0.19	26	14.44	14.63							2,000	2,000			
<b>TOTAL FOR MAP NO. 20A</b>								<b>0.19</b>											<b>2,000</b>	<b>2,000</b>		
<b>TOTAL FOR PROJ NO. 2026CPT.03.07.10101</b>								<b>4.19</b>				<b>448</b>	<b>1.0</b>	<b>40</b>					<b>4,000</b>	<b>4,400</b>	<b>80</b>	
2026CPT.03.07.20101	Brunswick	2	SR-1125 / CEDAR GROVE RD SW	FROM SR 1115 (STONE CHIMNEY RD) TO SR1130 (SW MT. PISGAH RD) [MP 0.00 - MP 2.84]	3	2	2WU	2.84	23	0	2.84	320						29,765	22,873	200	50	
<b>TOTAL FOR MAP NO. 2</b>								<b>2.84</b>				<b>320</b>							<b>29,765</b>	<b>22,873</b>	<b>200</b>	<b>50</b>
2026CPT.03.07.20101	Brunswick	3	SR-1120 / SABBATH HOME RD SW	FROM SR 1122 (VARNAMTOWN RD) TO NC 130 [MP 0.00 - MP 2.02]	3	2	2WU	2.02	27	0	2.02	240						15,000	21,232		72	
<b>TOTAL FOR MAP NO. 3</b>								<b>2.02</b>				<b>240</b>							<b>15,000</b>	<b>21,232</b>		<b>72</b>
2026CPT.03.07.20101	Brunswick	4	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130 [MP 0.00 - MP 2.85]	3	2		2.85	23	0	2.85	320						20,975	29,914		52	
<b>TOTAL FOR MAP NO. 4</b>								<b>2.85</b>				<b>320</b>							<b>20,975</b>	<b>29,914</b>		<b>52</b>
2026CPT.03.07.20101	Brunswick	5	SR-1181 / TURKEY TRAP RD SW	FROM SR 1125 ( SW CEDAR GROVE RD ) TO SR 1124 ( SW STANBURY RD ) [ MP 0.00 - MP 1.21 ]	3	2	2WU	1.21	24	0	1.21							12,502	7,540			
<b>TOTAL FOR MAP NO. 5</b>								<b>1.21</b>											<b>12,502</b>	<b>7,540</b>		
2026CPT.03.07.20101	Brunswick	6	SR-1300 / CALABASH RD NW	FROM SR 1303 ( NW HICKMAN RD ) TO US 17 [ MP 11.02 - MP 13.35 ]	5	2	2WU	2.33	20	11.02	13.35	272						80	24,259	17,791	50	
<b>TOTAL FOR MAP NO. 6</b>								<b>2.33</b>				<b>272</b>							<b>80</b>	<b>24,259</b>	<b>17,791</b>	<b>50</b>
2026CPT.03.07.20101	Brunswick	7	SR-1313 / BELLAMY RD NW	FROM NC904 TO SR1315 RUSSTOWN RD NW	5	2		0.98	20	0	0.98							4,292	9,942			
<b>TOTAL FOR MAP NO. 7</b>								<b>0.98</b>											<b>4,292</b>	<b>9,942</b>		
2026CPT.03.07.20101	Brunswick	8	SR-1461 / HEWETT-BURTON RD SE	FROM US17 TO EOM	5	2		0.75	18	0	0.75							7,300	7,300			
<b>TOTAL FOR MAP NO. 8</b>								<b>0.75</b>											<b>7,300</b>	<b>7,300</b>		
<b>TOTAL FOR PROJ NO. 2026CPT.03.07.20101</b>								<b>12.98</b>				<b>1,152</b>	<b>1.0</b>	<b>80</b>	<b>47,567</b>	<b>68,388</b>	<b>66,526</b>	<b>48,204</b>	<b>200</b>	<b>224</b>		
2026CPT.03.07.20102	Brunswick	9	SR-1814 / SEAGULL WAY SW	FROM SR1155 / GOOSE CREEK RD TO SR1817 / SANDPIPER DR	6	2		0.36	18	0	0.36											
<b>TOTAL FOR MAP NO. 9</b>								<b>0.36</b>														
2026CPT.03.07.20102	Brunswick	10	SR-1815 / DOVE DR SW	FROM SR1814 / SEAGULL WAY TO SR1816 / MOCKINGBIRD LN	6	2		0.05	16	0	0.05											
<b>TOTAL FOR MAP NO. 10</b>								<b>0.05</b>														
2026CPT.03.07.20102	Brunswick	11	SR-1816 / MOCKINGBIRD LN SW	FROM SR 1815 (DOVE DR) TO NS-95204(SANDPIPER DR SW) [MP 0.00 - MP 0.10]	6	2		0.1	16	0	0.1											
<b>TOTAL FOR MAP NO. 11</b>								<b>0.1</b>														
2026CPT.03.07.20102	Brunswick	12	SR-1820 / SEAGULL WAY SW	FROM SR1817 SANDPIPER DR TO SR1819 BIRDWATCHER PL	6	2		0.18	16	0	0.18											
<b>TOTAL FOR MAP NO. 12</b>								<b>0.18</b>														
2026CPT.03.07.20102	Brunswick	13	SR-1818 / CRANE RD SW	FROM SR1817 / SANDPIPER DR FROM SR1819 / BIRDWATCHER PL	6	2		0.18	16	0	0.18											
<b>TOTAL FOR MAP NO. 13</b>								<b>0.18</b>														
2026CPT.03.07.20102	Brunswick	14	SR-1819 / BIRDWATCHER PL SW	FROM SR1818 / CRANE RD TO SR1820 / SEAGULL WAY	6	2		0.05	16	0	0.05											
<b>TOTAL FOR MAP NO. 14</b>								<b>0.05</b>														
2026CPT.03.07.20102	Brunswick	15	SR-1817 / SANDPIPER DR SW	FROM SR1155 / GOOSE CREEK RD TO SR1816 / MOCKINGBIRD LN	6	2		0.1	16	0	0.1											
<b>TOTAL FOR MAP NO. 15</b>								<b>0.1</b>														
2026CPT.03.07.20102	Brunswick	16	SR-1456 / SCHOOL HOUSE RD NE	FROM SR1426 / MT. MISERY RD NE TO EOM	6	2		0.21	20	0	0.21											
<b>TOTAL FOR MAP NO. 16</b>								<b>0.21</b>														
2026CPT.03.07.20102	Brunswick	17	SR-1534 / SHEPARD RD SE	FROM SR1528 E MOORE ST TO EOM	6	2		0.73	20	0	0.73											
<b>TOTAL FOR MAP NO. 17</b>								<b>0.73</b>														
2026CPT.03.07.20102	Brunswick	18	SR-1199 / CEDAR LANDING RD SW	FROM NC 130 TO ROW LIMITS [MP 0.00 - MP 0.18]	6	2		0.18	24	0	0.18											
<b>TOTAL FOR MAP NO. 18</b>								<b>0.18</b>														
<b>TOTAL FOR PROJ NO. 2026CPT.03.07.20102</b>								<b>2.14</b>					<b>1.0</b>									
50975.3.50	Brunswick	20	NC-133 / RIVER RD	FROM SR1518 DAWES CREEK RD TO SR1551 BLACKWELL RD	7	2		7.7	26	18.69	26.39							81,312	65,050	1,118		
<b>TOTAL FOR MAP NO. 20</b>								<b>7.7</b>											<b>81,312</b>	<b>65,050</b>	<b>1,118</b>	
50975.3.50	Brunswick	4A	SR-1124 / STANBURY RD SW	FROM SR 1119 (STONE CHIMNEY RD SW) TO NC 130	7	2	2WU	2.85	4	0	2.85											
<b>TOTAL FOR MAP NO. 4A</b>								<b>2.85</b>														
<b>TOTAL FOR PROJ NO. 50975.3.50</b>								<b>10.55</b>											<b>81,312</b>	<b>65,050</b>	<b>1,118</b>	
																		<b>146,362</b>				
3C.010109	Brunswick	19	SR-1766 / ROBIN LN NE	FROM SR 1492 (DAVIDSON AVE NE) TO SR 1488( NATIONAL AVE NE) [MP 0.00-MP0.11]	4	2	2WU	0.11	22	0	0.11		*									
<b>TOTAL FOR MAP NO. 19</b>								<b>0.11</b>														
<b>TOTAL FOR PROJ NO. 3C.010109</b>								<b>0.11</b>					<b>1.000</b>									
3C.010104	Brunswick	18A	SR-1199 / CEDAR LANDING RD SW	FROM END OF PAVEMENT TO END OF MAINTENANCE	4	2	2WU	0.04	22	0.11	0.15											
<b>TOTAL FOR MAP NO. 18A</b>								<b>0.04</b>														
<b>TOTAL FOR PROJ NO. 3C.010104</b>								<b>0.04</b>														
<b>GRAND TOTAL</b>								<b>30.08</b>				<b>1,600</b>	<b>1,000</b>	<b>120</b>	<b>47,567</b>	<b>68,388</b>	<b>149,838</b>	<b>115,254</b>	<b>5,718</b>	<b>304</b>		
																		<b>115,955</b>	<b>265,092</b>			

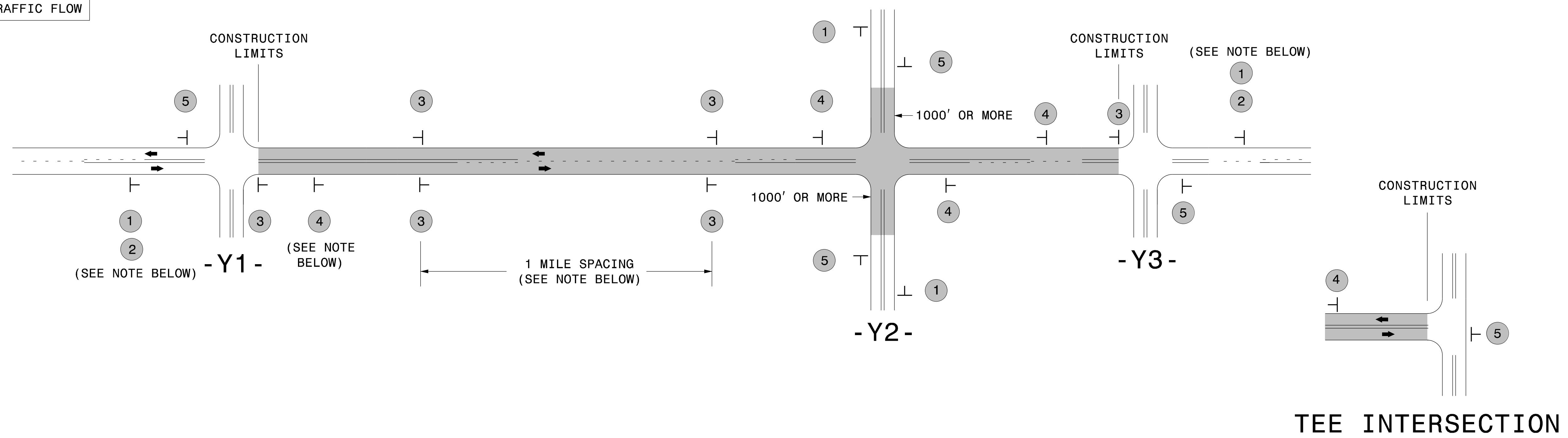


# SIGNING FOR RESURFACING PROJECTS

**LEGEND**

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2	 <small>W7-3aP 24" X 18"</small>	#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	 <small>SP 13107 48" X 48"</small>	- 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	 <small>SP 13106 48" X 48"</small>	- 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	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

**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.

 <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER.	 <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER.
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**MAPS LESS THAN 2 MILES**

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.

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**

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

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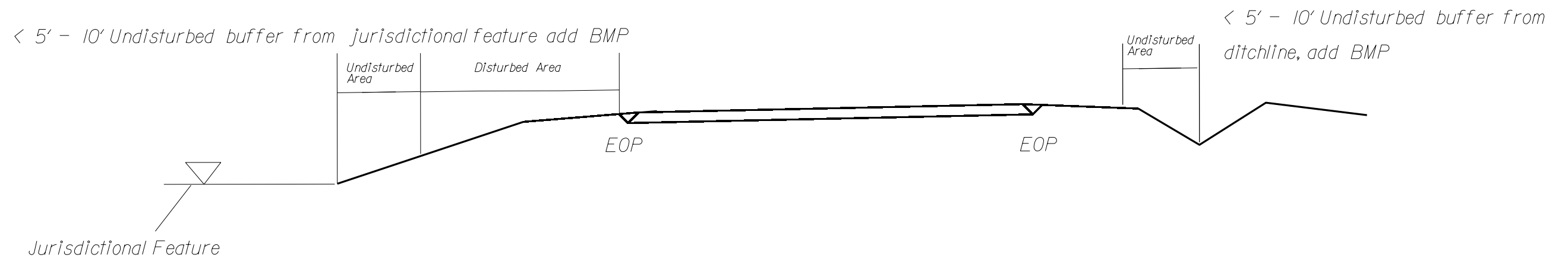
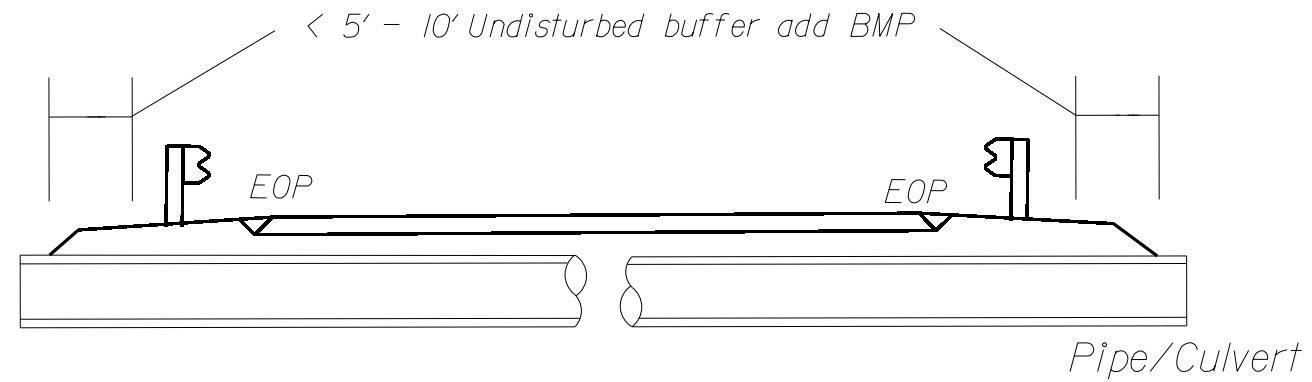
## ***SOIL STABILIZATION TIMEFRAMES***

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

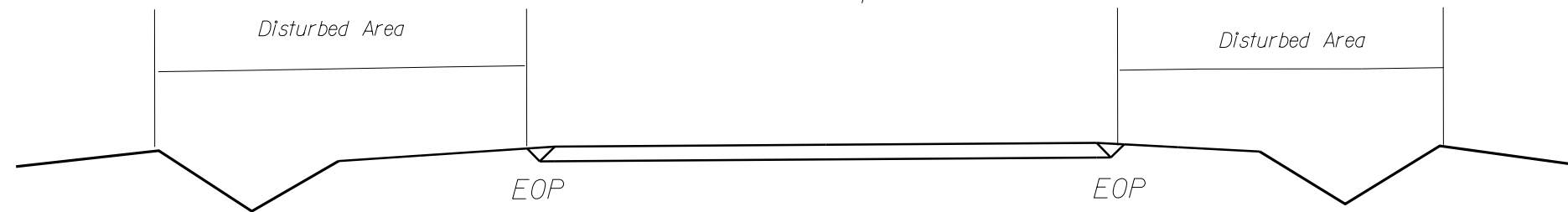
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

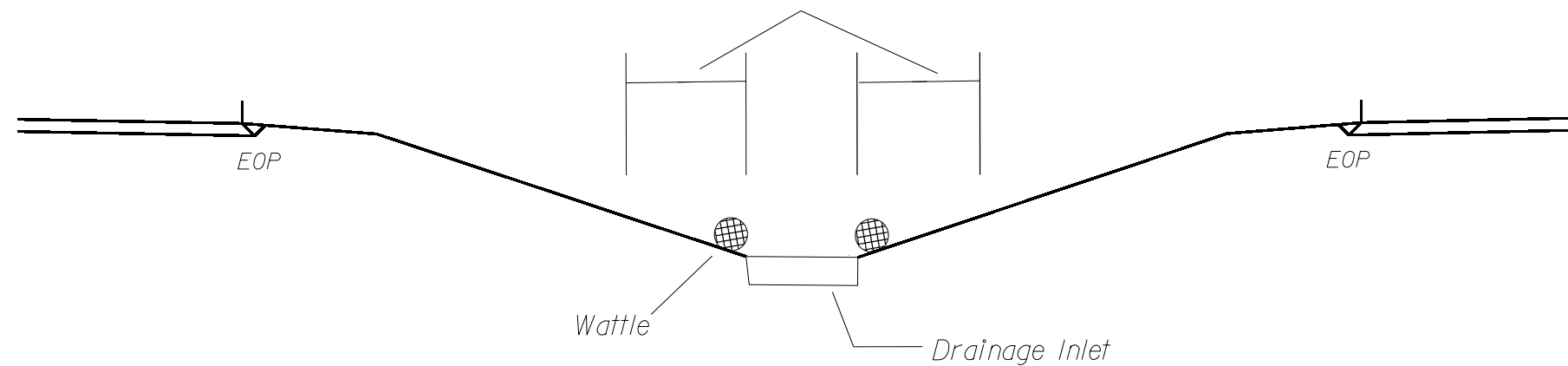
# EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

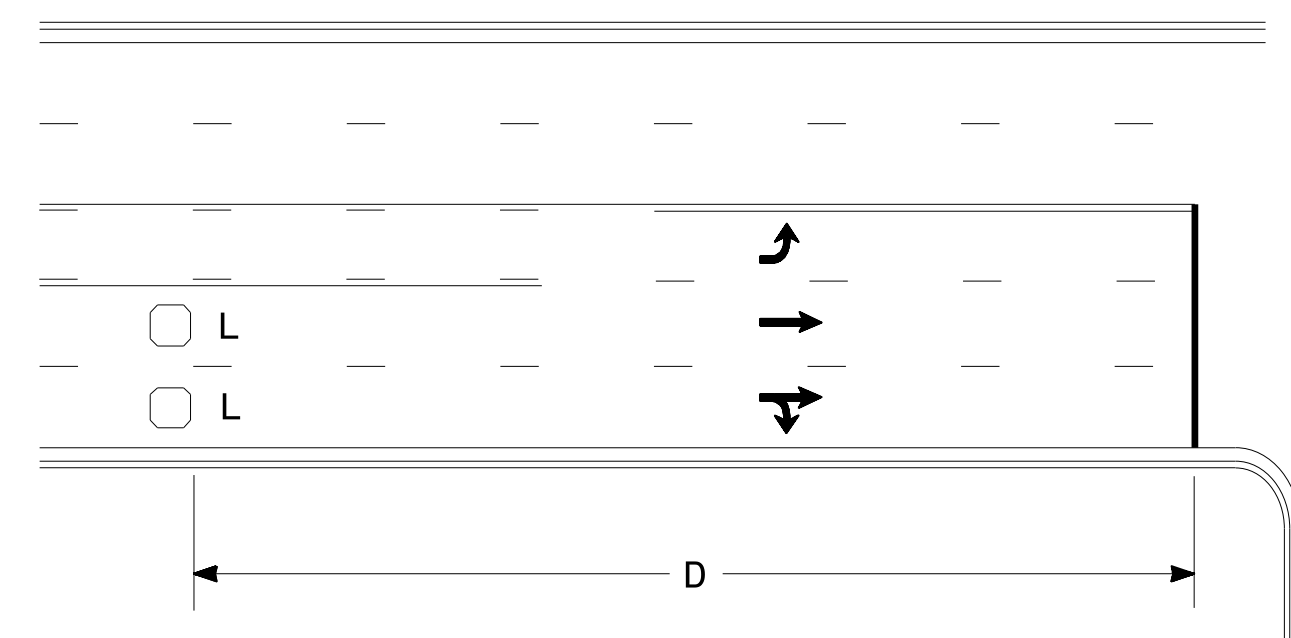


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

### High Speed Detection (≥35 mph)

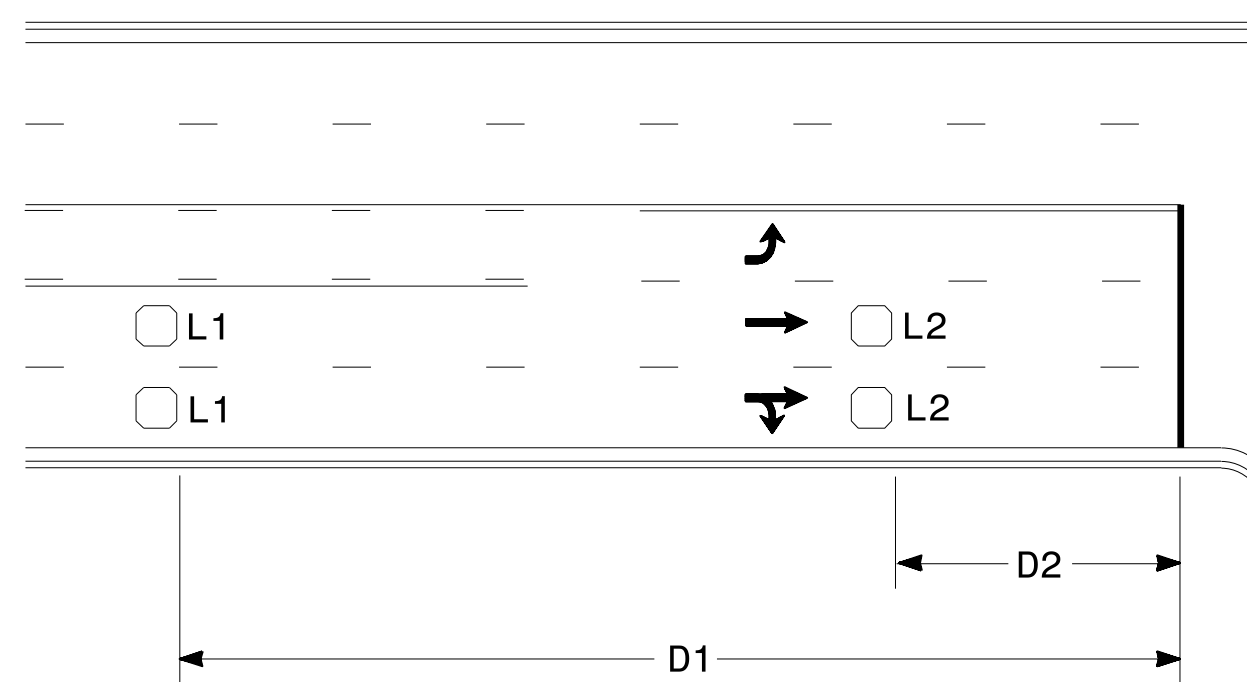


Speed Limit mph	D ft
35	200
40	250
45	300
50	355
55	420
60	475
65	550

L = 6ft X 6ft  
Wired separately

Volume Density Operation

OR



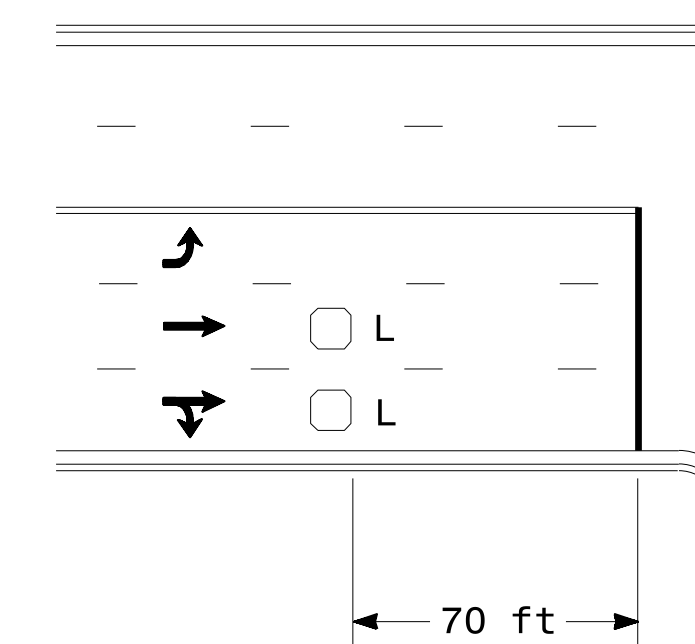
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110
60	475	120
65	550	130

L1 = 6ft X 6ft  
Wired in series

L2 = 6ft X 6ft  
Wired in series

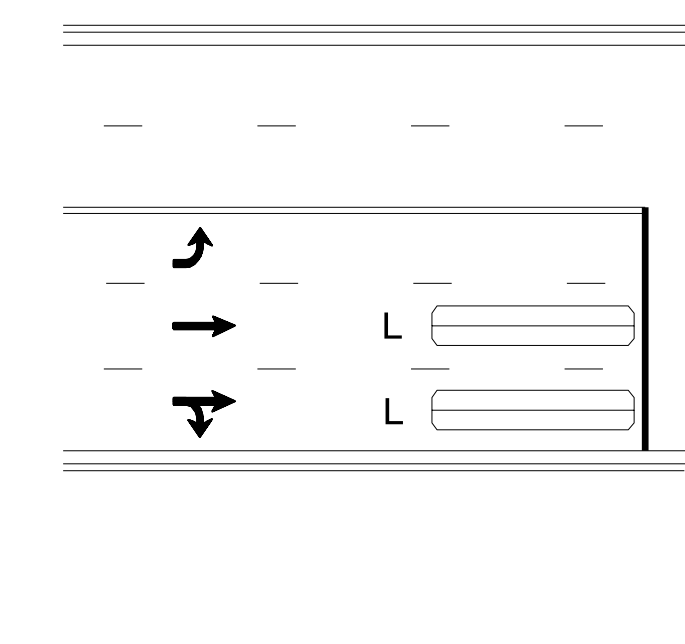
"Stretch" Operation

### Low Speed Detection (≤35 mph)



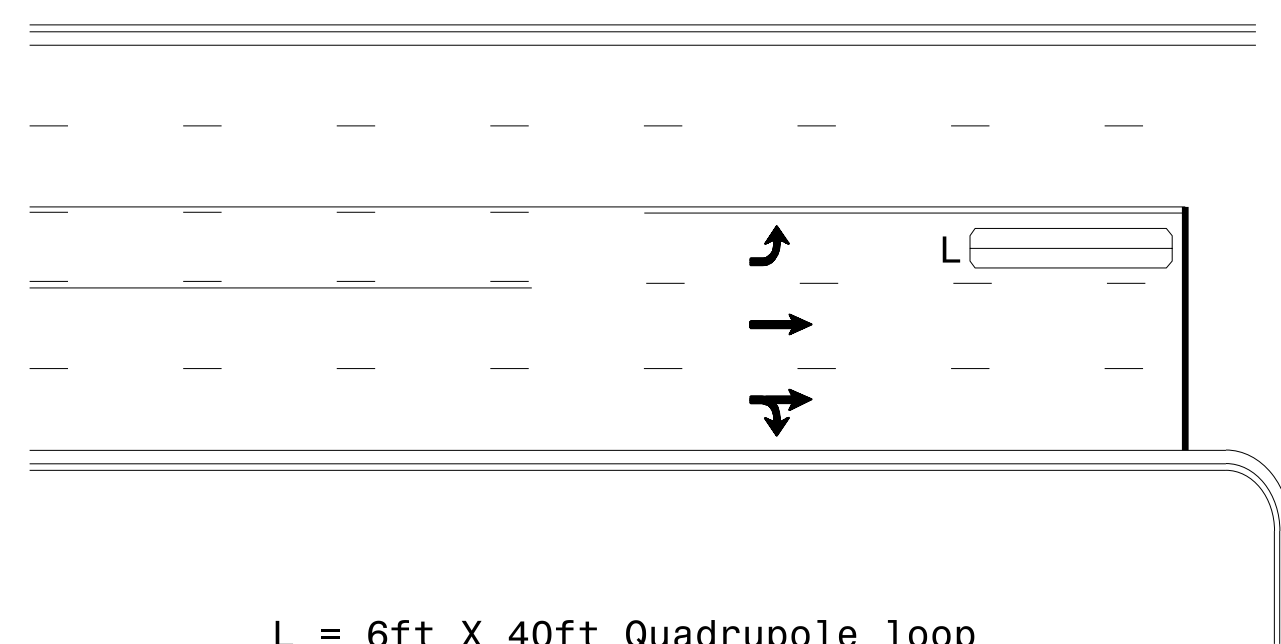
L = 6ft X 6ft  
Wired in series

OR



L = 6ft X 40ft  
Quadrupole loop, wired separately

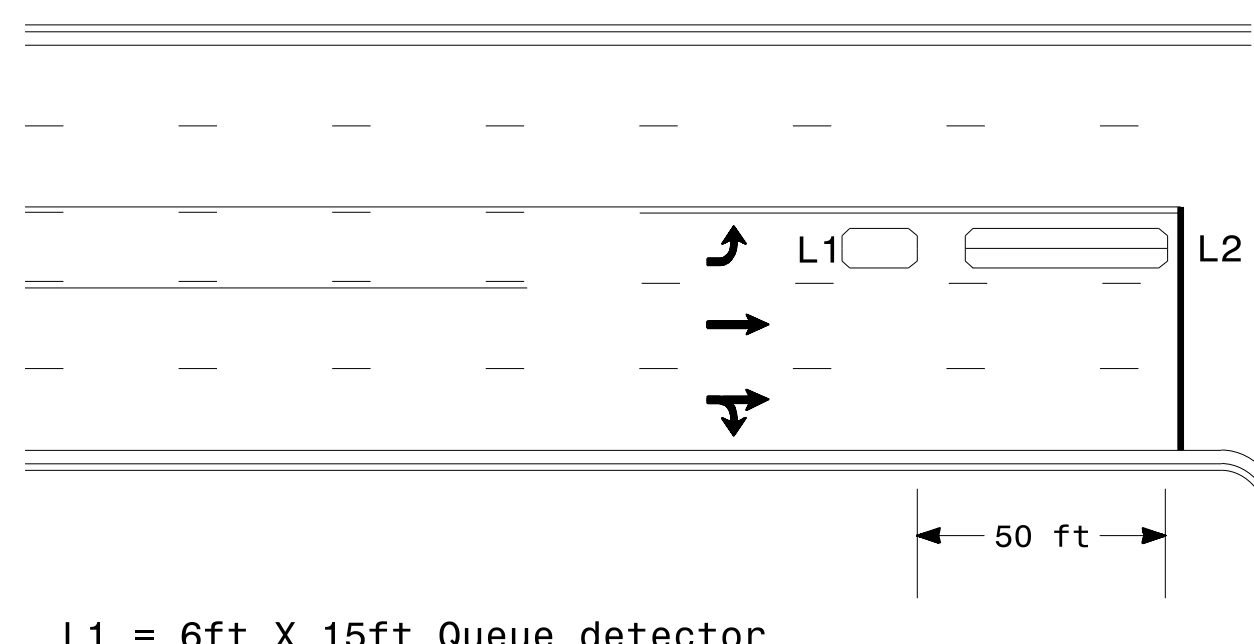
### Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

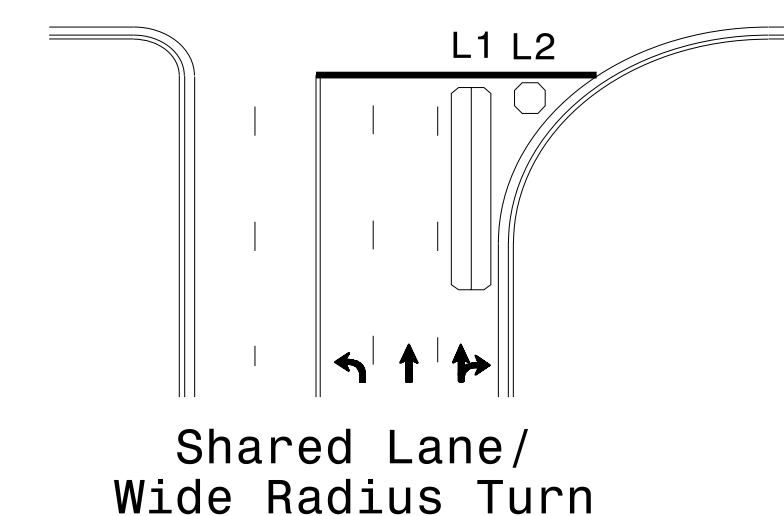
OR



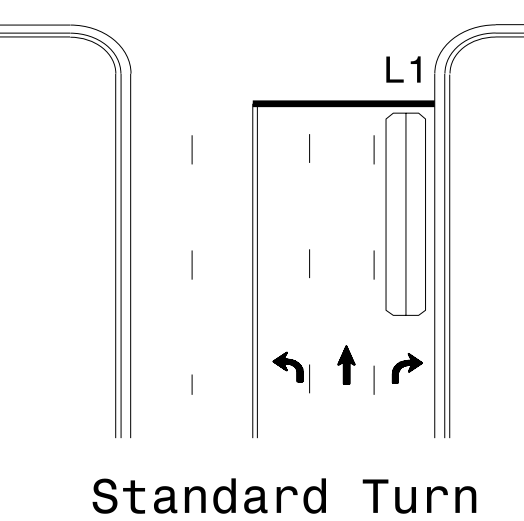
L1 = 6ft X 15ft Queue detector  
L2 = 6ft X 40ft Quadrupole loop

Queue Loop Detection

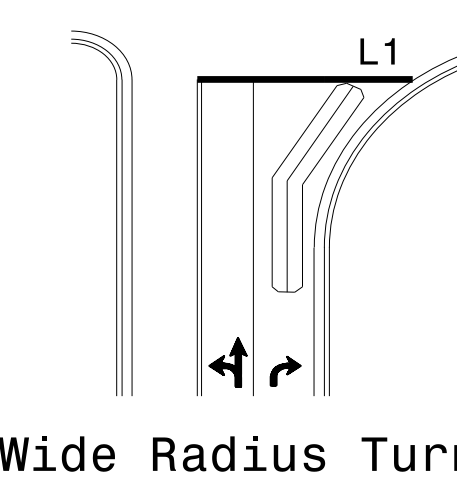
### Right Turn Lane Detection



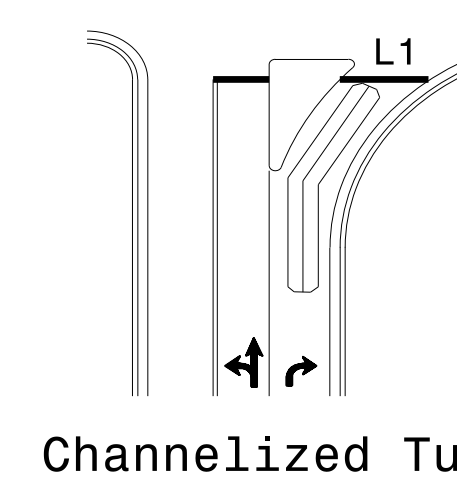
L1 = 6ft X 40ft Quadrupole loop  
L2 = 6ft X 6ft [Minimum] Presence loop  
Wired separately



Standard Turn

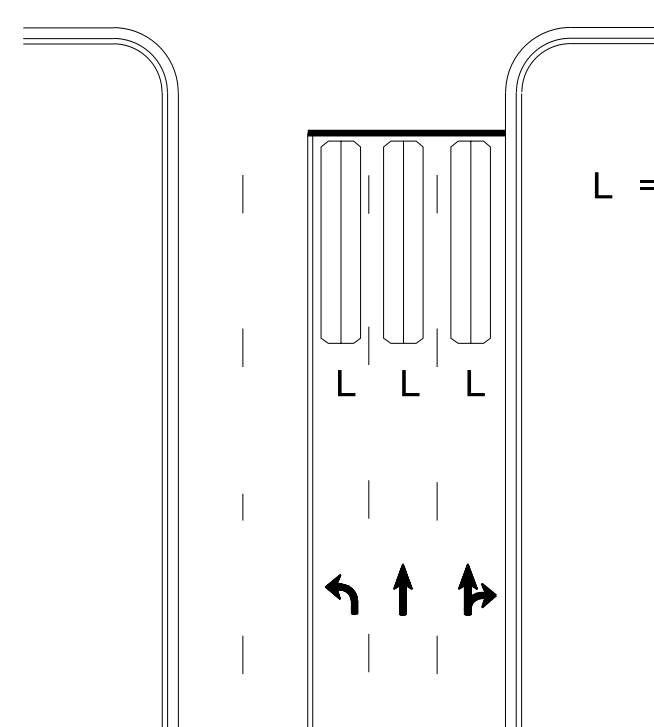


Wide Radius Turn



Channelized Turn

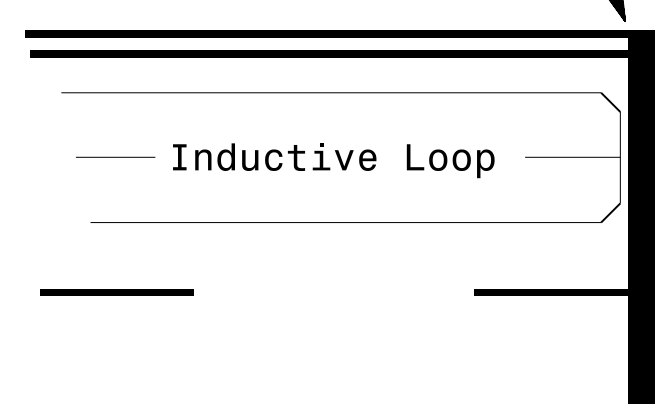
### Side Street Detection



L = 6ft X 40ft  
Quadrupole loop  
Wired to separate  
detectors/channels

### Presence Loop Placement at Stop Lines

Locate loop slightly behind leading edge of stop line



Note:

- Loop may be located in advance of stop line under any of the following conditions:
- 1) stop line is greater than 15' from edge of intersecting roadway
  - 2) loop detects a permissive or protected/permissive left turn
  - 3) for an exclusive right turn lane

### Recommended Number of Turns

Single 6' X 6' loop  
(when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6' X 15' Loops:

- Lead-in < 150', use 2 turns
- Lead-in > 150', use 3 turns

Prepared In the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

#### Typical Signal Loop Locations

PLAN DATE: September 2025    REVIEWED BY:

PREPARED BY: J.A. Lohr    REVIEWED BY:

REVISIONS    INIT.    DATE

SCALE: N/A

SEAL

11/25/2025

SIG. INVENTORY NO.