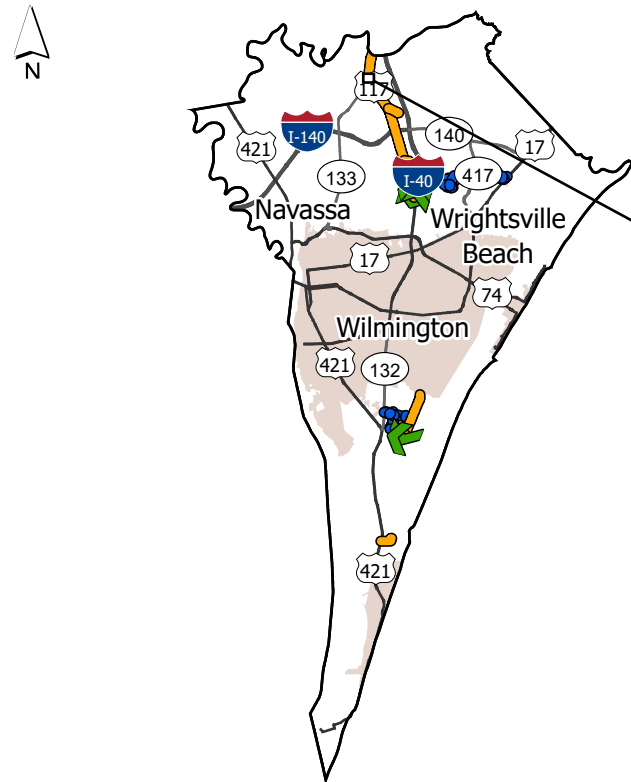


WBS: 2026CPT.03.09.10651, ETC.

CONTRACT: C205213



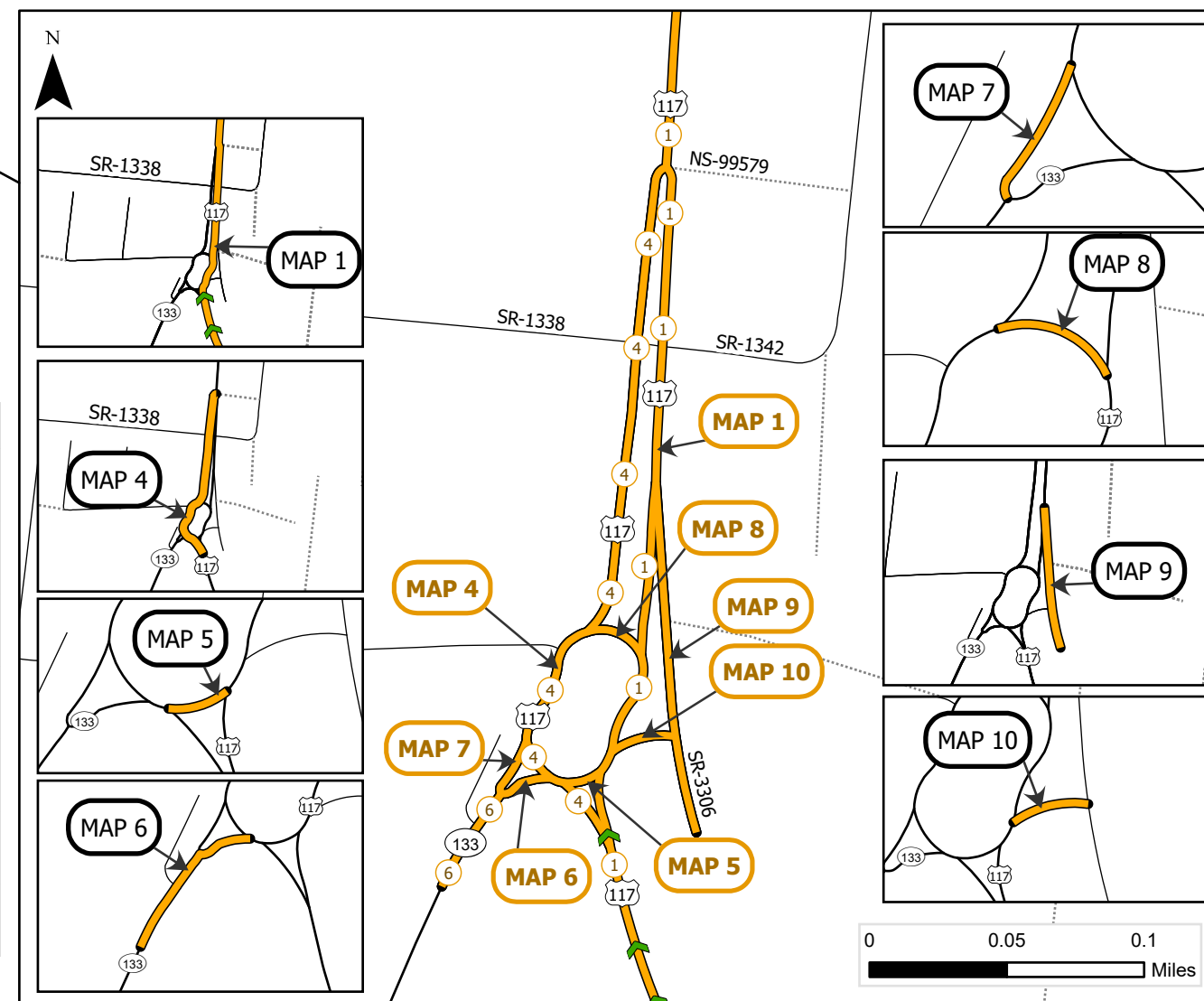
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS NEW HANOVER COUNTY

TYPE OF WORK: RESURFACING

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION

▬ Resurfacing

MAP	ROUTE	DESCRIPTION	TYPE
4	US-117 SB / CASTLE HAYNE RD	SOUTHBOUND FROM CHERRY ST (NON SYSTEM) TO BEYOND END OF ROUNDABOUT [MP 0.92 - MP 1.19]	Resurfacing
5	NC-133 / CASTLE HAYNE RD	FROM SOUTH EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO SOUTH ENTRANCE OF ROUNDABOUT NB [MP 9.77 - MP 9.79]	Resurfacing
6	NC-133 NB / CASTLE HAYNE RD	FROM CASTLE HAYNE RD MP 9.71 TO ENTRANCE OF ROUNDABOUT [MP 9.71 - MP 9.77]	Resurfacing
7	NC-133 SB / CASTLE HAYNE RD	FROM SOUTHWEST EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO END DIVIDED SECTION [MP 1.14 - MP 1.16]	Resurfacing
8	US-117 / NC-133 WB RMP-92537	FROM NORTH EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO NORTH ENTRANCE OF ROUNDABOUT SB [MP 0.00 - MP 0.02]	Resurfacing
9	SR-3306 / N COLLEGE RD	FROM 0.05 MI SOUTH OF SR 1342 (ASH ST) THROUGH CDS [MP 0.00 - MP 0.13]	Resurfacing
10	SR-3307 CONNECTOR	FROM US HWY 117 NB (CASTLE HAYNE RD) TO SR 3306 (N. COLLEGE RD) [MP 0.00 - MP 0.03]	Resurfacing



PROJECT LENGTH

MAP	MILES
4	0.27
5	0.02
6	0.06
7	0.02

MAP	MILES
8	0.02
9	0.13
10	0.03

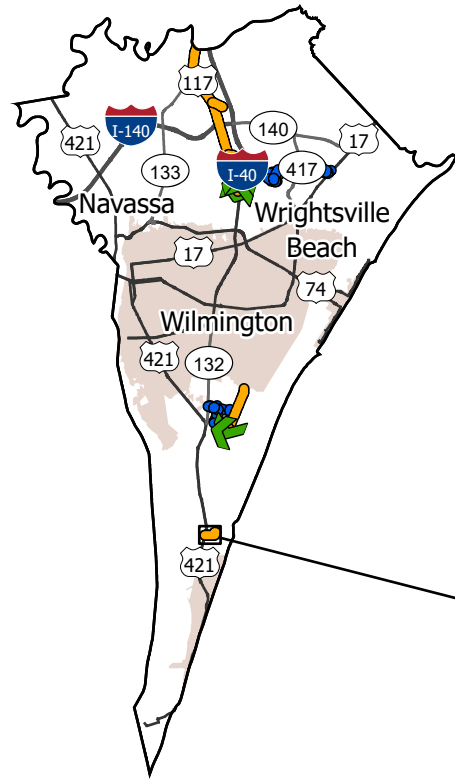
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CONTRACT: C205213



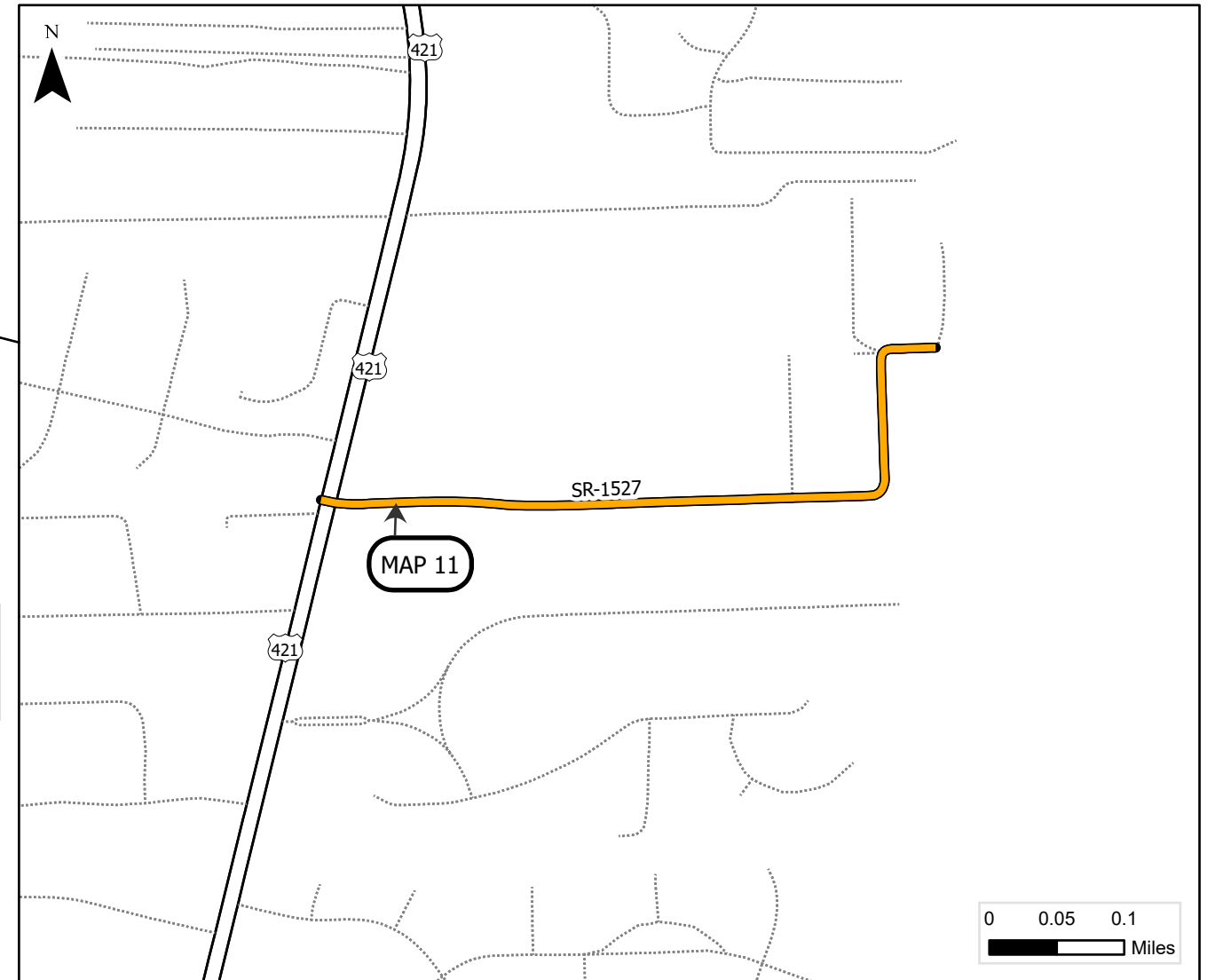
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NEW HANOVER COUNTY**

TYPE OF WORK: RESURFACING

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION

Resurfacing

MAP	ROUTE	DESCRIPTION	TYPE
11	SR-1527 / BURNETT RD	FROM US HWY 421 (CAROLINA BEACH RD) TO EOM [MP 0.00 - MP 0.56]	Resurfacing



PROJECT LENGTH

MAP	MILES
11	0.56

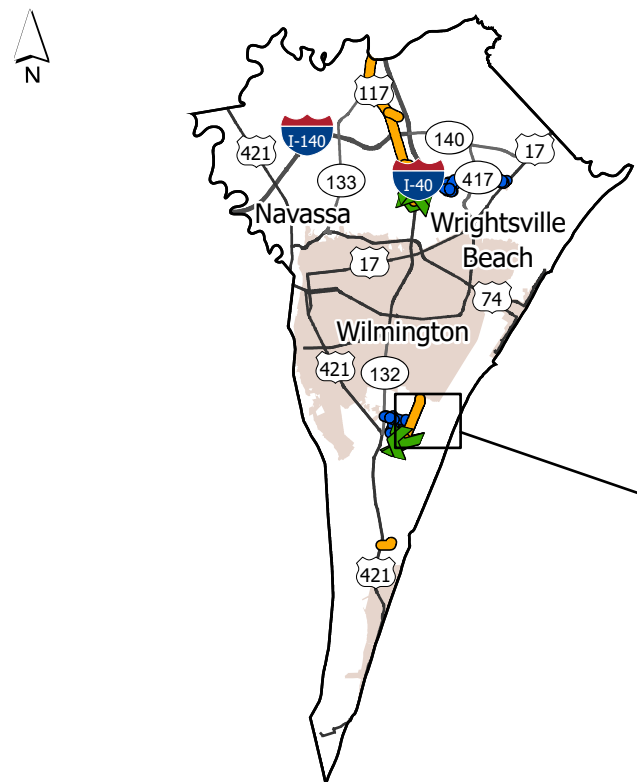
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CONTRACT: C205213



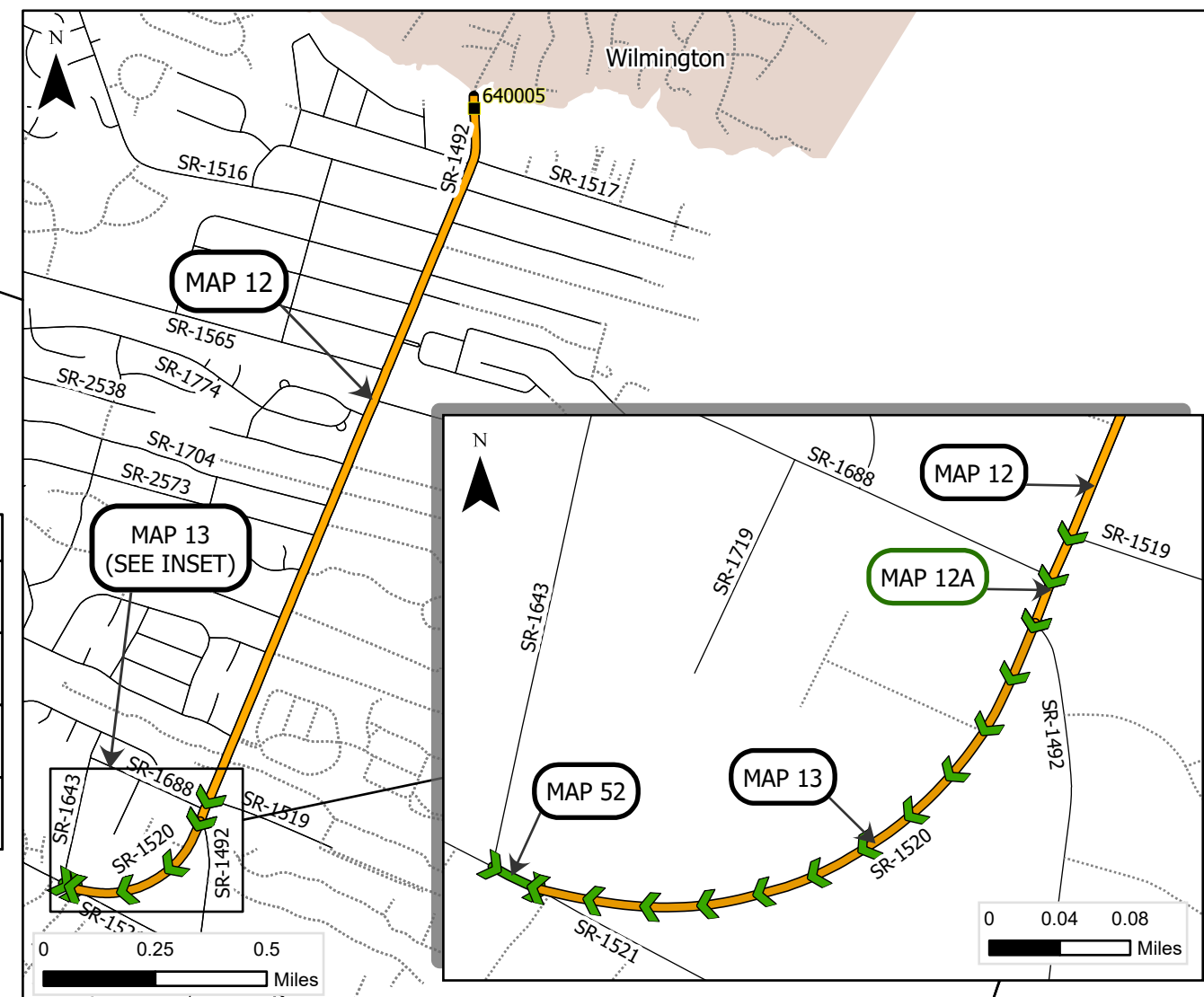
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NEW HANOVER COUNTY**

*TYPE OF WORK: RESURFACING &
RUMBLE INSTALLATION*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	4
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- Resurfacing
- Rumble Installation

MAP	ROUTE	DESCRIPTION	TYPE
12	SR-1492 / MASONBORO LOOP RD	FROM 0.14 MI NORTH OF SR 1517 (TRAILS END RD) TO SR 1520 (GRISSOM RD) [MP 0.00 - MP 1.75]	Resurfacing
12A	SR-1492 / MASONBORO LOOP RD	FROM SR 1519 (OLD MYRTLE GROVE RD) TO SR 1520 (GRISSOM RD) [MP 1.70 - MP 1.75]	Rumble Installation
13	SR-1520 / GRISSOM RD	FROM SR 1492 (MYRTLE GROVE RD) TO SR 1521 (PINER RD) [MP 0.00 - MP 0.36]	Resurfacing & Rumble Installation
52	SR-1521 / PINER RD	FROM SR 1643 (HORNDALE RD) TO SR 1520 (GRISSOM RD) [MP 0.71 - MP 0.74]	Rumble Installation



<i>PROJECT LENGTH</i>	
MAP	MILES
12	1.75
12A	0.05
13	0.36
52	0.03

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WBS: 2026CPT.03.09.10651, ETC.

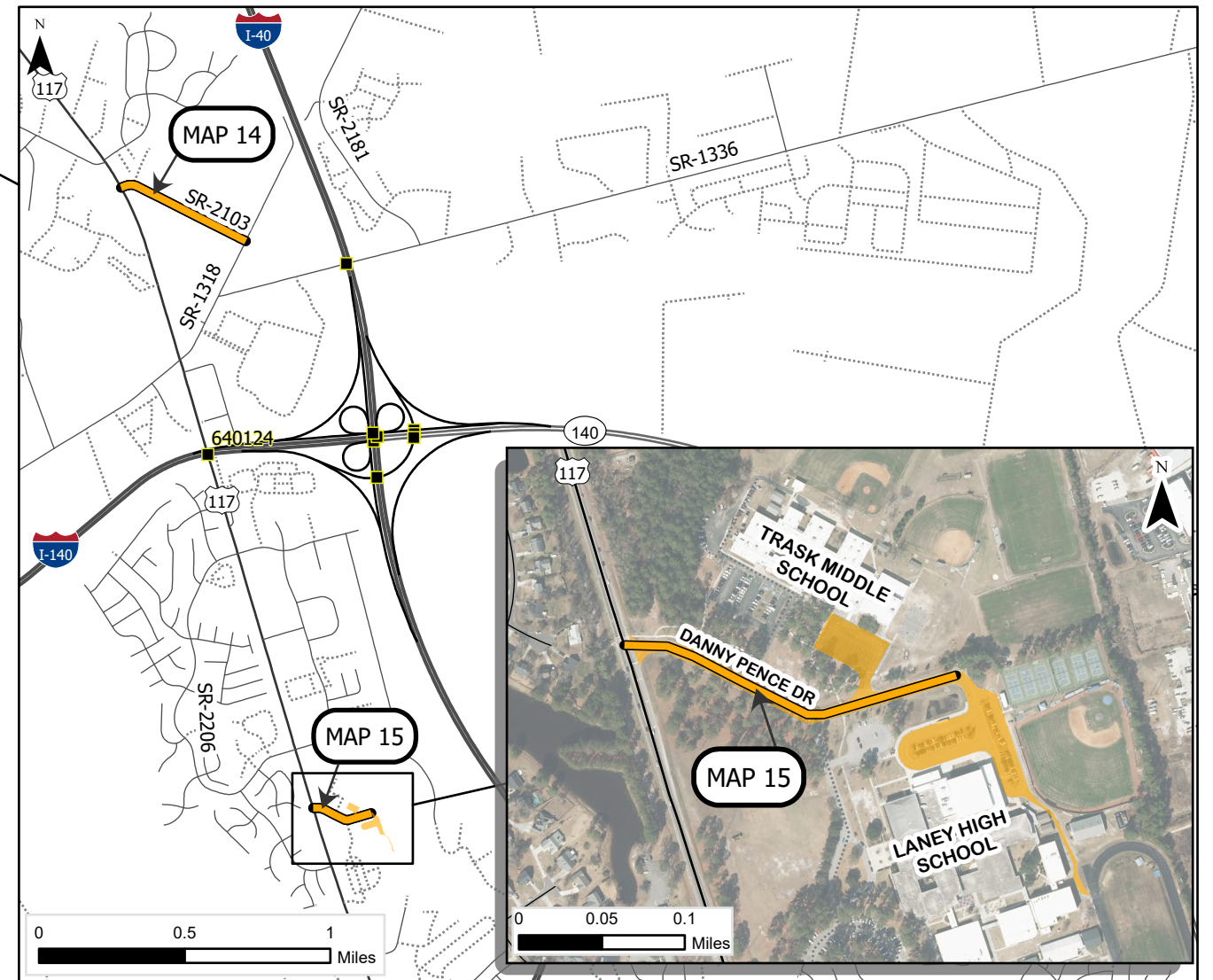
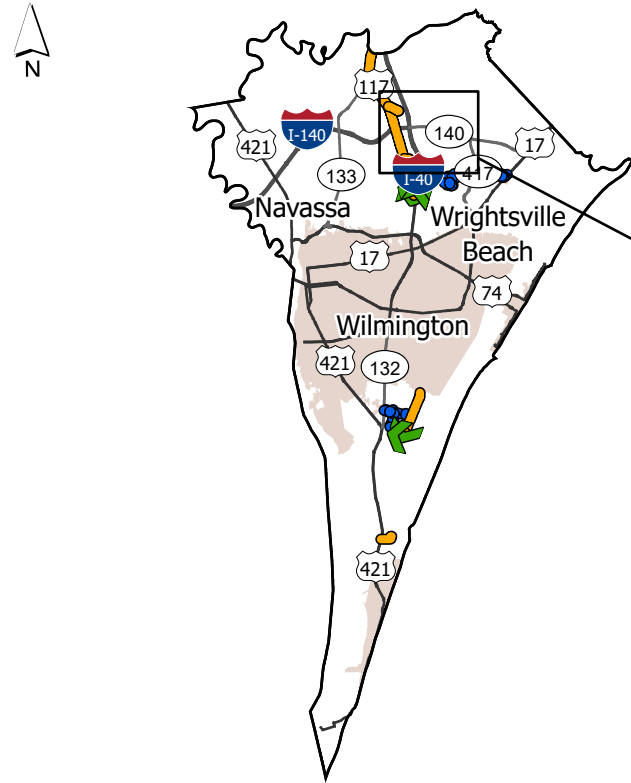
CONTRACT: C205213

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
NEW HANOVER COUNTY

TYPE OF WORK: RESURFACING

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	5
STATE PROJECT NUMBER		DESCRIPTION

- Division 3 Bridges
- ▬ Resurfacing
- ▬ Parking Lot Resurfacing



MAP	ROUTE	DESCRIPTION	TYPE
14	SR-2103 / PARMELE RD	FROM US 117 / NC HWY 132 / N COLLEGE RD TO SR 1318 / BLUE CLAY RD [MP 0.00 - MP 0.48]	Resurfacing
15	DANNY PENCE DR / NS-98810 / BUS PARKING	FROM US 117 / NC HWY 132 / N COLLEGE RD TO DEAD END -- PLUS BUS PARKING FOR LANEY HIGH SCHOOL & TRASK MIDDLE SCHOOL [MP 0.00 - MP 0.22]	Resurfacing

PROJECT LENGTH

MAP	MILES
14	0.48
15	0.22

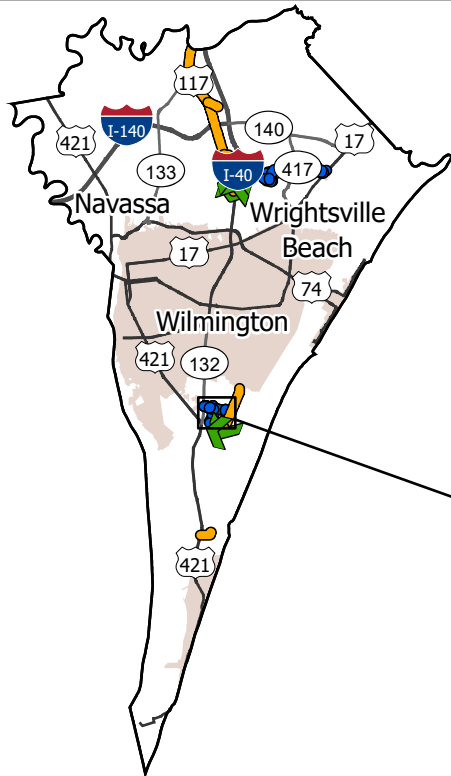
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WBS: 2026CPT.03.09.10651, ETC.

CONTRACT: C205213



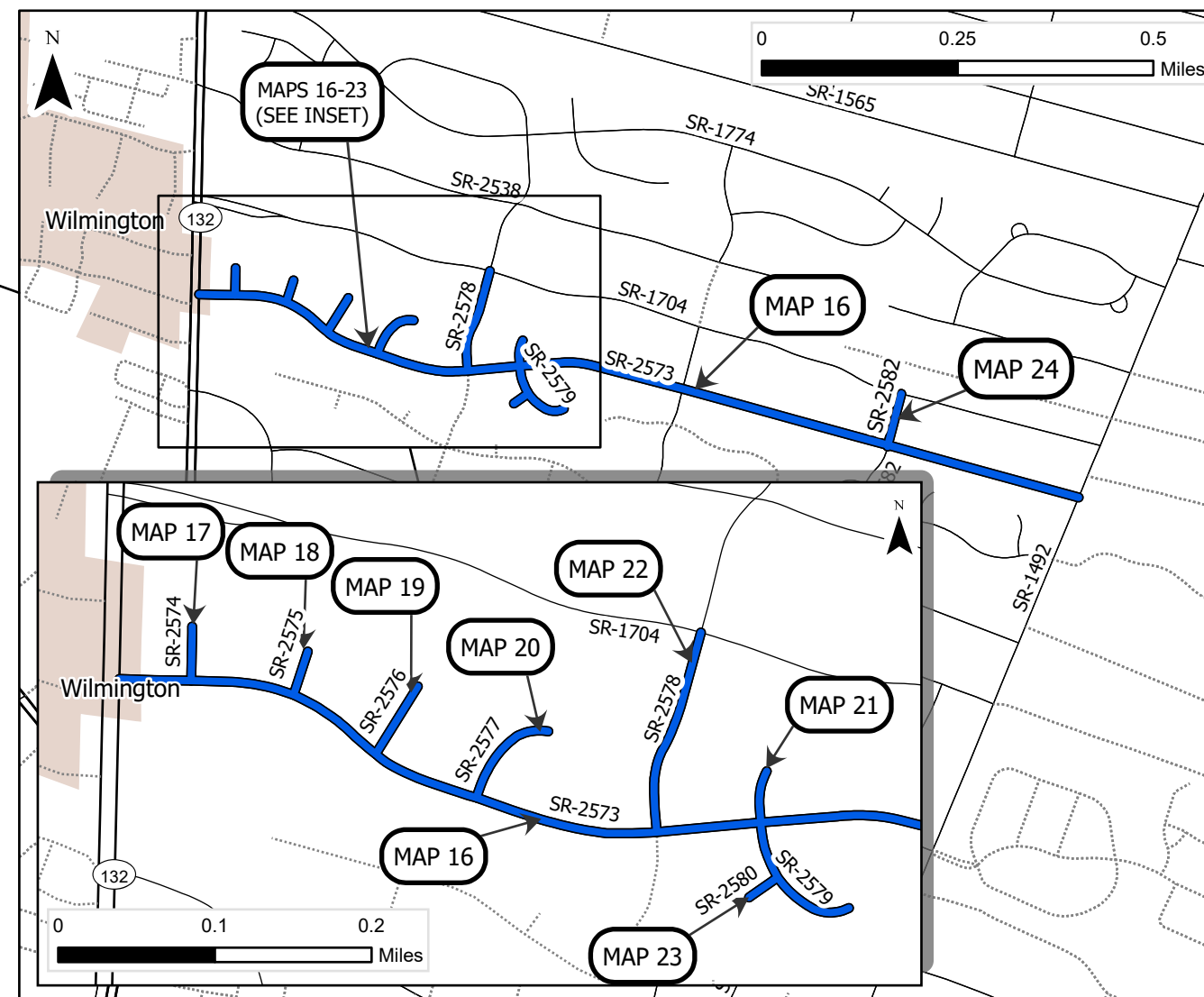
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NEW HANOVER COUNTY**

TYPE OF WORK: PRESERVATION

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	6
STATE PROJECT NUMBER		DESCRIPTION

— Preservation

MAP	ROUTE	DESCRIPTION	TYPE
16	SR-2573 / WOODS EDGE DR	FROM NC HWY 132 (S COLLEGE RD) TO SR 1492 (MASONBORO LOOP RD) [MP 0.00 - MP 1.17]	Preservation
17	SR-2574 / BLUE GRASS CT	FROM SR 2573 (WOODS EDGE RD) TO CDS [MP 0.00 - MP 0.03]	Preservation
18	SR-2575 / RANCHWOOD CT	FROM SR 2573 (WOODS EDGE RD) TO CDS [MP 0.00 - MP 0.03]	Preservation
19	SR-2576 / BRENWOOD CT	FROM SR 2573 (WOODS EDGE RD) TO CDS [MP 0.00 - MP 0.05]	Preservation
20	SR-2577 / LADY FERN CT	FROM SR 2573 (WOODS EDGE DR) TO CDS [MP 0.00 - MP 0.07]	Preservation
21	SR-2579 / BERNHARDT CT	FROM CDS TO CDS [MP 0.00 - MP 0.12]	Preservation
22	SR-2578 / WOOD RIDGE RD	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE DR) [MP 0.00 - MP 0.13]	Preservation
23	SR-2580 / BERNHARDT CT	FROM SR 2579 (BERNHARDT CT) TO CDS [MP 0.00 - MP 0.02]	Preservation
24	SR-2582 / CHALICE LN	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE DR) [MP 0.00 - MP 0.07]	Preservation



PROJECT LENGTH

MAP	MILES	MAP	MILES	MAP	MILES
16	1.17	19	0.05	22	0.13
17	0.03	20	0.07	23	0.02
18	0.03	21	0.12	24	0.07

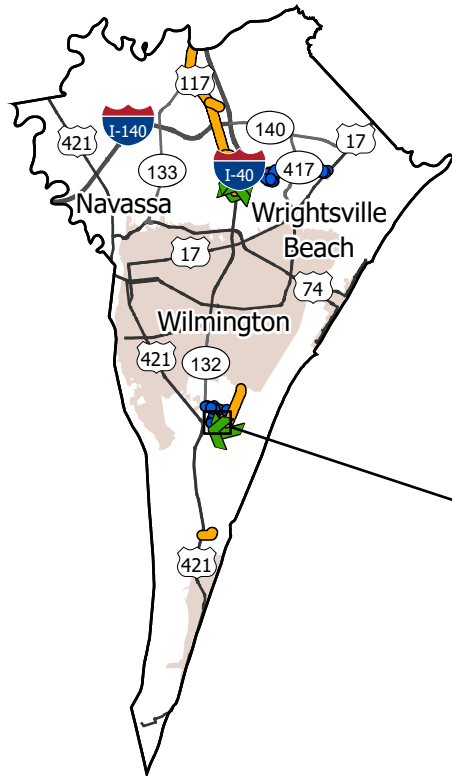
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

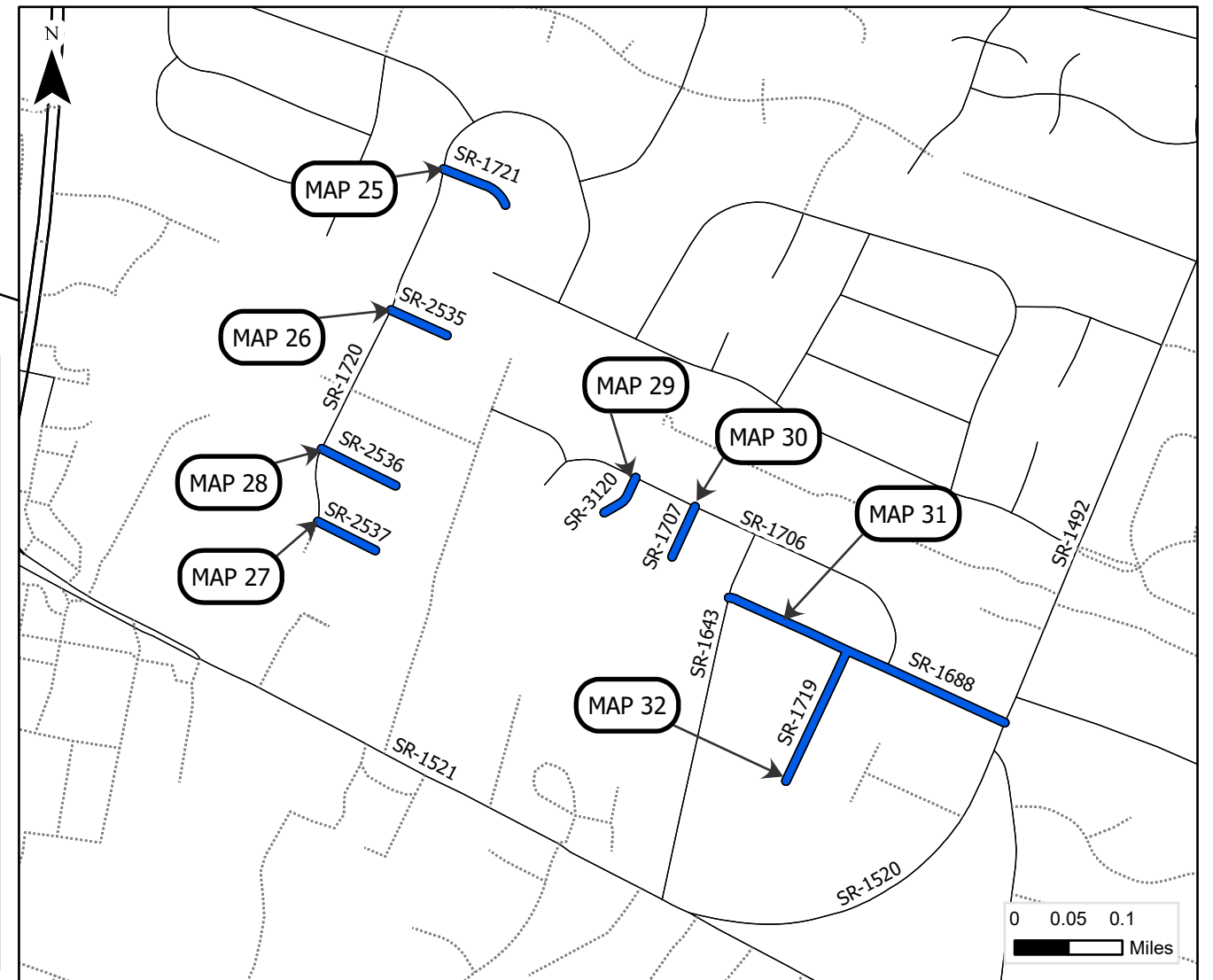
NEW HANOVER COUNTY

TYPE OF WORK: PRESERVATION

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	7
STATE PROJECT NUMBER		DESCRIPTION

— Preservation

MAP	ROUTE	DESCRIPTION	TYPE
25	SR-1721 / EMMARTS CT	FROM SR 1720 (WOOD DUCK CIR) TO CDS [MP 0.00 - MP 0.07]	Preservation
26	SR-2535 / BRASS EAGLE CT	FROM SR 1720 (WOOD DUCK CIR) TO CDS [MP 0.00 - MP 0.06]	Preservation
27	SR-2537 / DUCK DOWNE CT	FROM SR 1720 (WOOD DUCK CIR) TO CDS [MP 0.00 - MP 0.06]	Preservation
28	SR-2536 / CROWS NEST CT	FROM SR 1720 (WOOD DUCK CIR) TO CDS [MP 0.00 - MP 0.08]	Preservation
29	SR-3120 / CRYSTAL CT	FROM SR 1706 (BRIGHTON RD) TO CDS [MP 0.00 - MP 0.05]	Preservation
30	SR-1707 / CORNWALL CT	FROM SR 1706 (BRIGHTON RD) TO CDS [MP 0.00 - MP 0.05]	Preservation
31	SR-1688 / SOUTHWOLD DR	FROM SR 1492 (MASONBORO LOOP RD) TO SR 1643 (HORNDALE DR) [MP 0.00 - MP 0.28]	Preservation
32	SR-1719 / COLCHESTER PL	FROM SR 1688 (SOUTHWOLD DR) TO CDS [MP 0.00 - MP 0.13]	Preservation



PROJECT LENGTH

MAP	MILES
25	0.07
26	0.06
27	0.06
28	0.08

MAP	MILES
29	0.05
30	0.05
31	0.28
32	0.13

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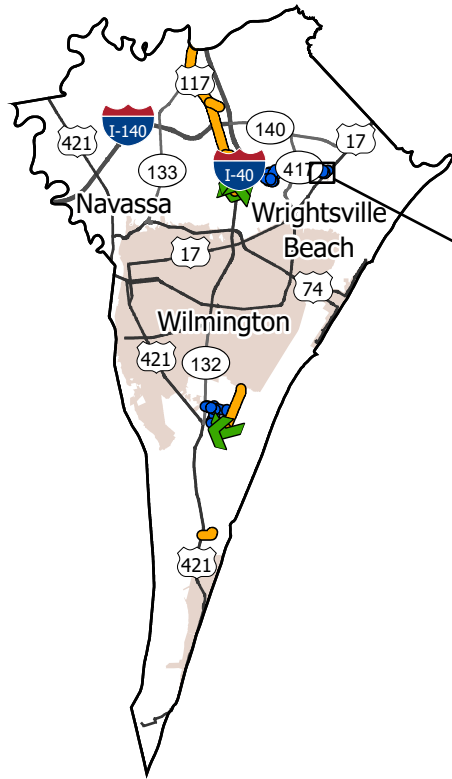
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CONTRACT: C205213



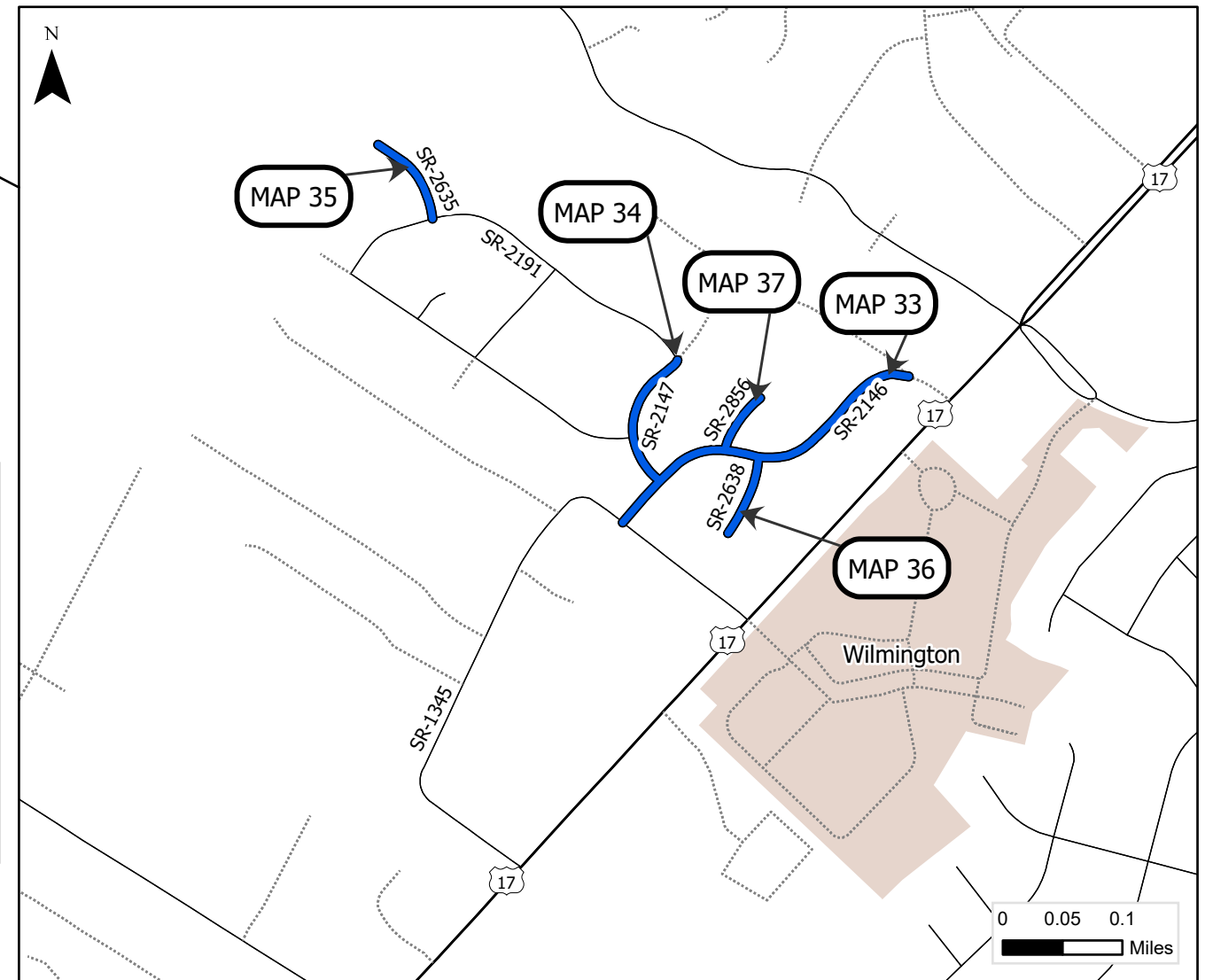
**STATE OF NORTH CAROLINA
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NEW HANOVER COUNTY**

TYPE OF WORK: PRESERVATION

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	8
STATE PROJECT NUMBER		DESCRIPTION

— Preservation

MAP	ROUTE	DESCRIPTION	TYPE
33	SR-2146 / RAIN TREE RD	FROM SR 1345 (ALEXANDER RD) TO EOM [MP 0.00 - MP 0.29]	Preservation
34	SR-2147 / PENCADE RD	FROM SR 2146 (RAINTREE RD) TO EOM [MP 0.00 - MP 0.12]	Preservation
35	SR-2635 / ELMHURST RD	FROM SR 2191 (BEAWOOD RD) TO EOM [MP 0.00 - MP 0.08]	Preservation
36	SR-2638 / HAZELTON CT	FROM SR 2146 (RAINTREE RD) TO CDS [MP 0.00 - MP 0.07]	Preservation
37	SR-2856 / SANSBERRY CT	FROM SR 2146 (RAINTREE RD) TO CDS [MP 0.00 - MP 0.05]	Preservation



PROJECT LENGTH

MAP	MILES
33	0.29
34	0.12
35	0.08

MAP	MILES
36	0.07
37	0.05

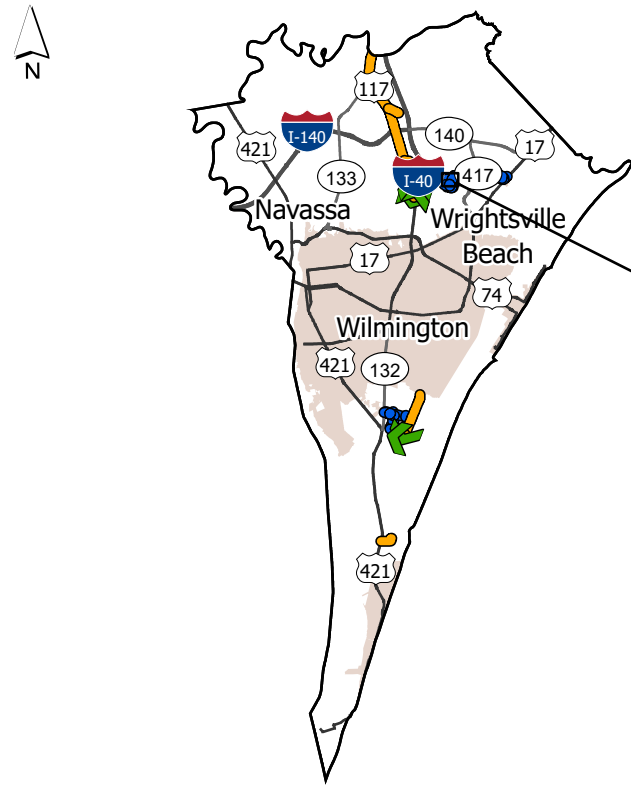
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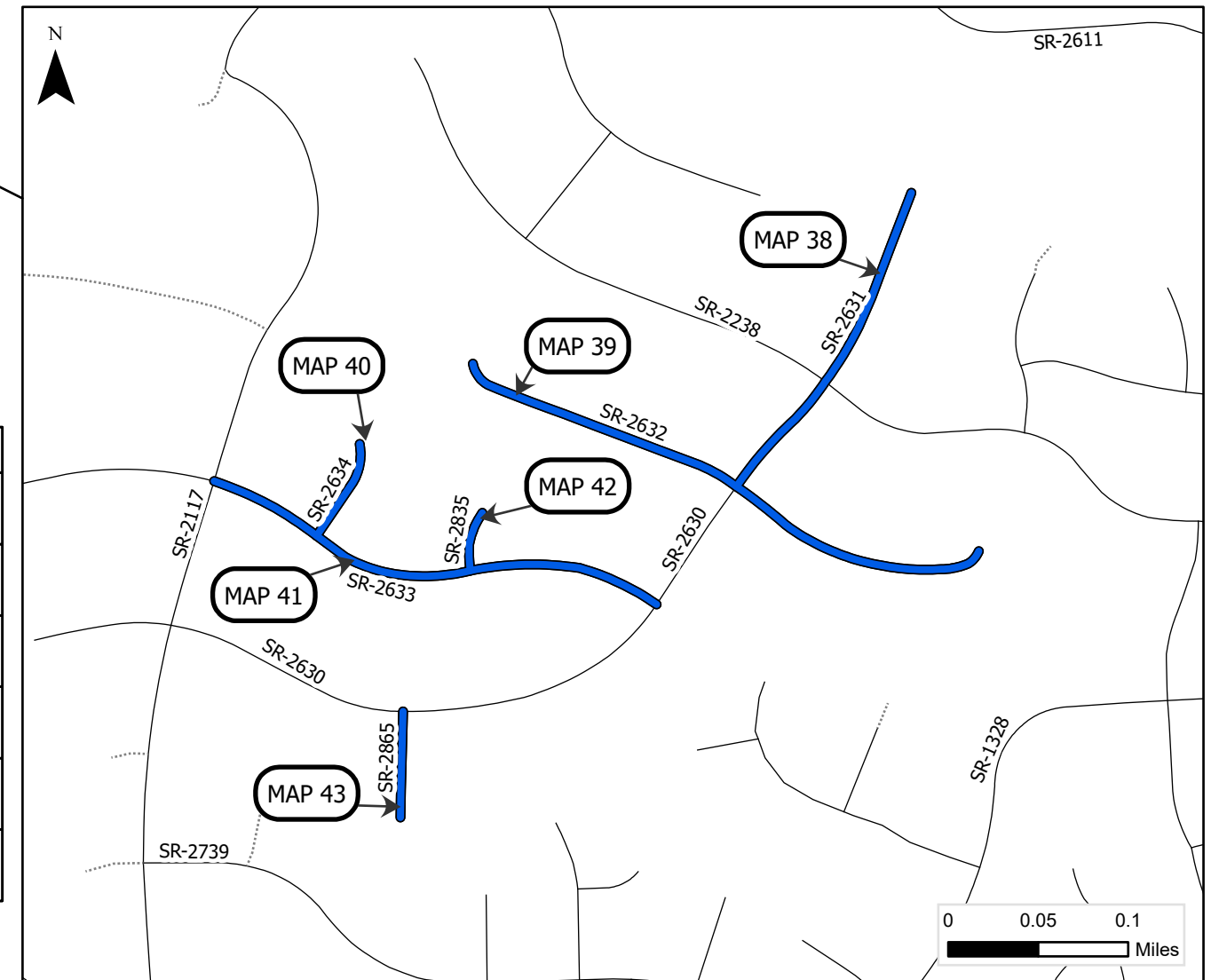
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NEW HANOVER COUNTY**

TYPE OF WORK: PRESERVATION

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	9
STATE PROJECT NUMBER		DESCRIPTION

— Preservation

MAP	ROUTE	DESCRIPTION	TYPE
38	SR-2631 / SHEFFIELD CT	FROM SR 2632 (WILLIAMSBURG CT) TO CDS [MP 0.00 - MP 0.19]	Preservation
39	SR-2632 / WILLIAMSBURG CT	FROM CDS TO CDS [MP 0.00 - MP 0.32]	Preservation
40	SR-2634 / TREMONT CT	FROM SR 2633 (SHIRE LN) TO CDS [MP 0.00 - MP 0.06]	Preservation
41	SR-2633 / SHIRE LN	FROM SR 2117 (SHENANDOAH ST) TO SR 2630 (SHEFFIELD CT) [MP 0.00 - MP 0.26]	Preservation
42	SR-2835 / BEESTON CT	FROM SR 2633 (SHIRE LN) TO CDS [MP 0.00 - MP 0.03]	Preservation
43	SR-2865 / ELAND CT	FROM SR 2630 (SHEFFIELD CT) TO CDS [MP 0.00 - MP 0.06]	Preservation



PROJECT LENGTH

MAP	MILES
38	0.19
39	0.32
40	0.06

MAP	MILES
41	0.26
42	0.03
43	0.06

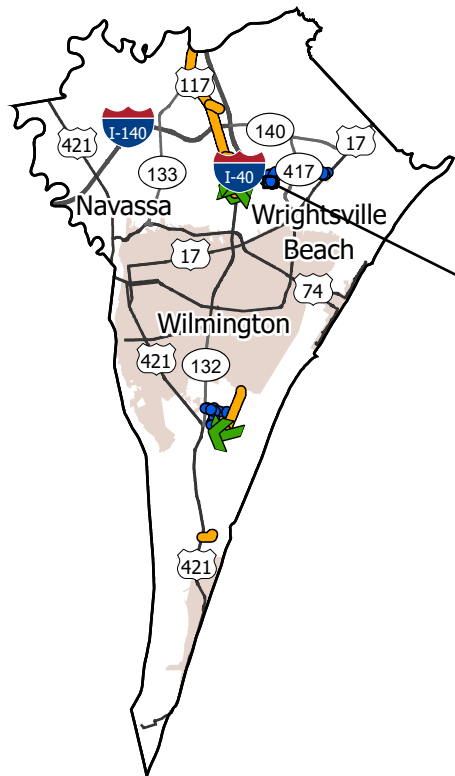
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CONTRACT: C205213



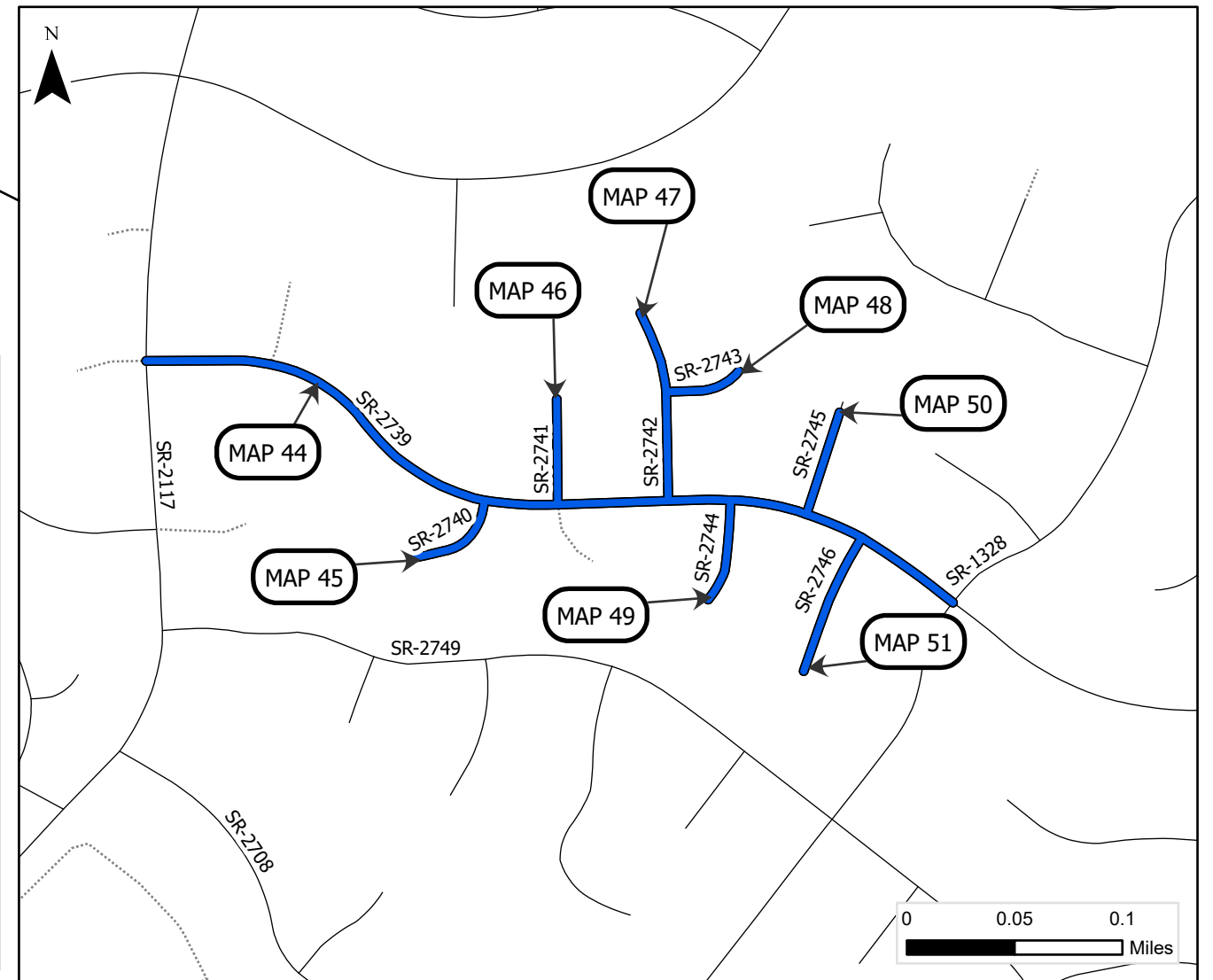
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DIVISION OF HIGHWAYS
NEW HANOVER COUNTY**

TYPE OF WORK: PRESERVATION

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.03.09.10651, ETC.	10
STATE PROJECT NUMBER		DESCRIPTION

— Preservation

MAP	ROUTE	DESCRIPTION	TYPE
44	SR-2739 / NEWBURY WAY	FROM SR 2117 (SHENANDOAH ST) TO SR 1328 (WHITE RD) [MP 0.00 - MP 0.41]	Preservation
45	SR-2740 / CASHEW CT	FROM SR 2739 (NEWBURY WAY) TO CDS [MP 0.00 - MP 0.05]	Preservation
46	SR-2741 / REVERE CT	FROM SR 2739 (NEWBURY WAY) TO CDS [MP 0.00 - MP 0.05]	Preservation
47	SR-2742 / CLYDESDALE CT	FROM SR 2739 (NEWBURY WAY) TO CDS [MP 0.00 - MP 0.09]	Preservation
48	SR-2743 / WHITEHORSE CT	FROM SR 2742 (CLYDESDALE CT) TO CDS [MP 0.00 - MP 0.04]	Preservation
49	SR-2744 / VALLEY FORGE CT	FROM SR 2739 (NEWBURY WAY) TO CDS [MP 0.00 - MP 0.05]	Preservation
50	SR-2745 / ROSWELL GLEN	FROM SR 2739 (NEWBURY WAY) TO CDS [MP 0.00 - MP 0.05]	Preservation
51	SR-2746 / SADDLE PT	FROM SR 2739 (NEWBURY WAY) TO CDS [MP 0.00 - MP 0.07]	Preservation



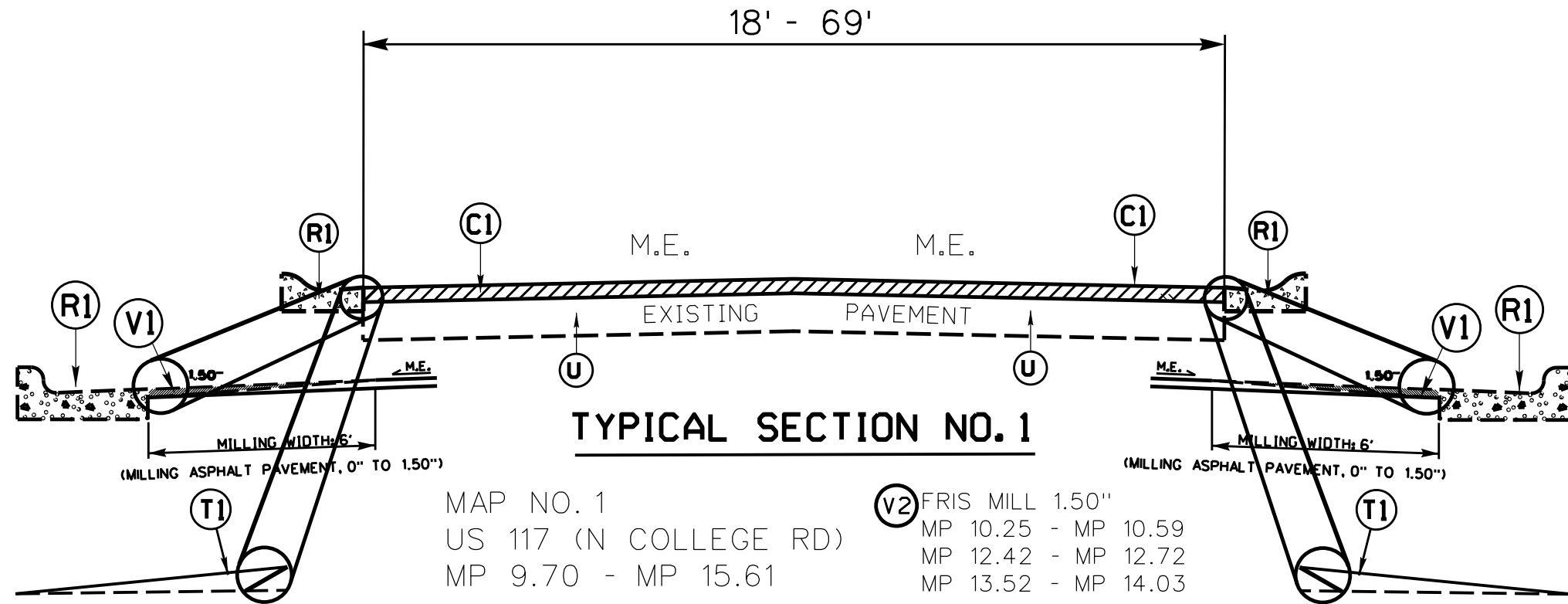
PROJECT LENGTH

MAP	MILES	MAP	MILES
44	0.41	48	0.04
45	0.05	49	0.05
46	0.05	50	0.05
47	0.09	51	0.07

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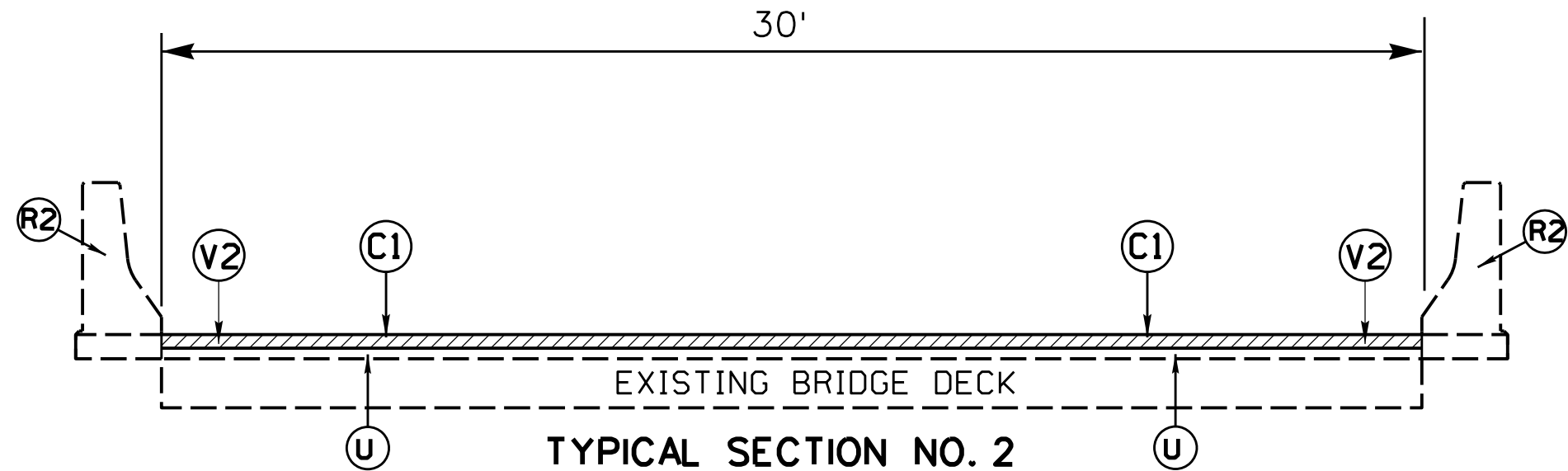
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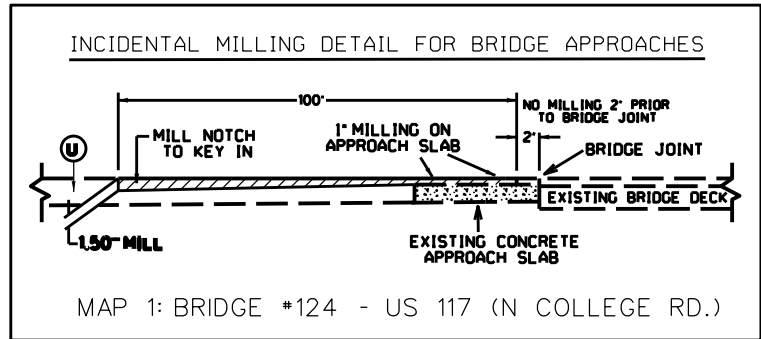


MAP NO. 1
 US 117 (N COLLEGE RD)
 MP 9.70 - MP 15.61

Ⓟ FRIS MILL 1.50"
 MP 10.25 - MP 10.59
 MP 12.42 - MP 12.72
 MP 13.52 - MP 14.03



MAP NO. 1
 US 117 (CASTLE HAYNE RD)
 BRIDGE NO. 031: MP 15.57 - MP 0.06



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1.50" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C3	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 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 CURB & GUTTER
R2	EXISTING BRIDGE BARRIER
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
T2	EXISTING EARTH MATERIAL
U	EXISTING PAVEMENT
V1	0" - 1.50" VARIABLE MILLING
V2	MILLING, 1.50" DEPTH
V3	0" - 1" VARIABLE MILLING
V4	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V5	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE
V6	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE WITH BICYCLE GAP

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

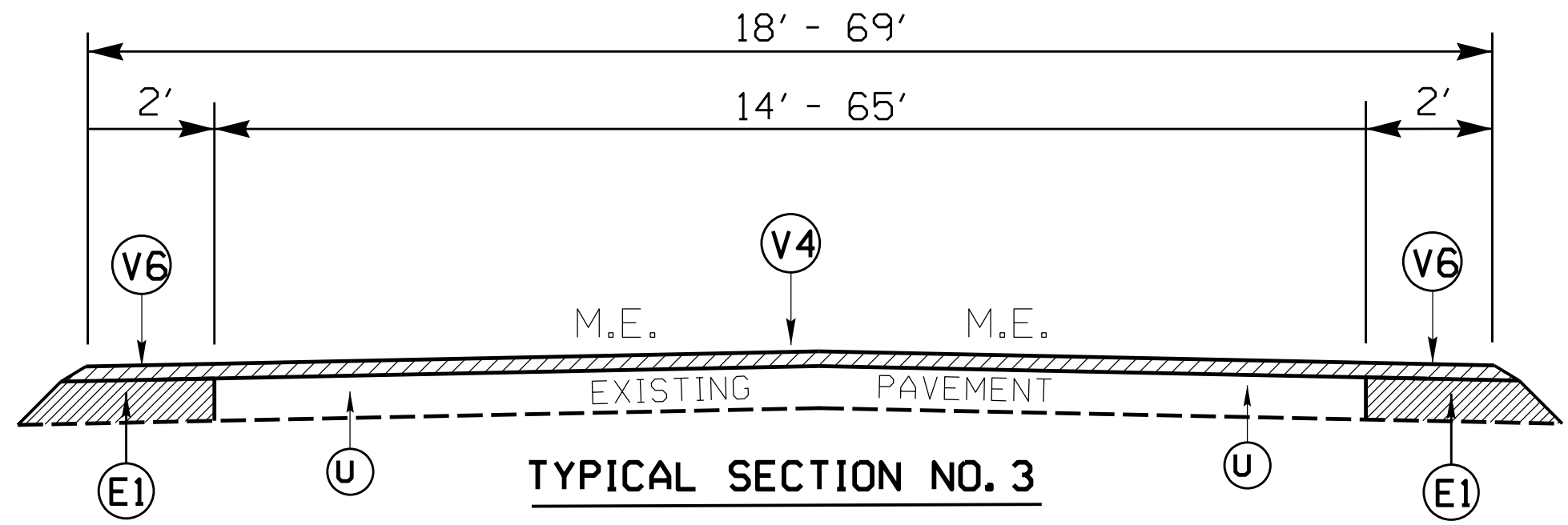
SHOULDER WORK ON MAP NO. 1 AS NEEDED, TO BE DETERMINED BY ENGINEER.

THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS.

REINSTALL PAVEMENT MARKINGS PER 2024 STANDARDS.

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

8/17/99
 SYSTEMS
 11/11/11



TYPICAL SECTION NO. 3

MAP NO. 1A
 US 117 (N COLLEGE RD)
 MP 9.70 - MP 11.88
 MP 12.28 - MP 14.44

SR	ROAD NAME	LANEWIDTH (LF)
US 117	N COLLEGE RD	11-15
	MP 9.70 - MP 14.44	
US 117	N COLLEGE RD	11-15
	MP 6.42 - MP 5.54	
US 117	N COLLEGE RD	11-15
	MP 0.29 - MP 0.78	

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 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 CURB AND GUTTER
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
T2	EXISTING EARTH MATERIAL
U	EXISTING PAVEMENT
V1	0" - 1.50" VARIABLE MILLING
V2	MILLING, 1.50" DEPTH
V4	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V5	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE
V6	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE WITH BICYCLE GAP

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

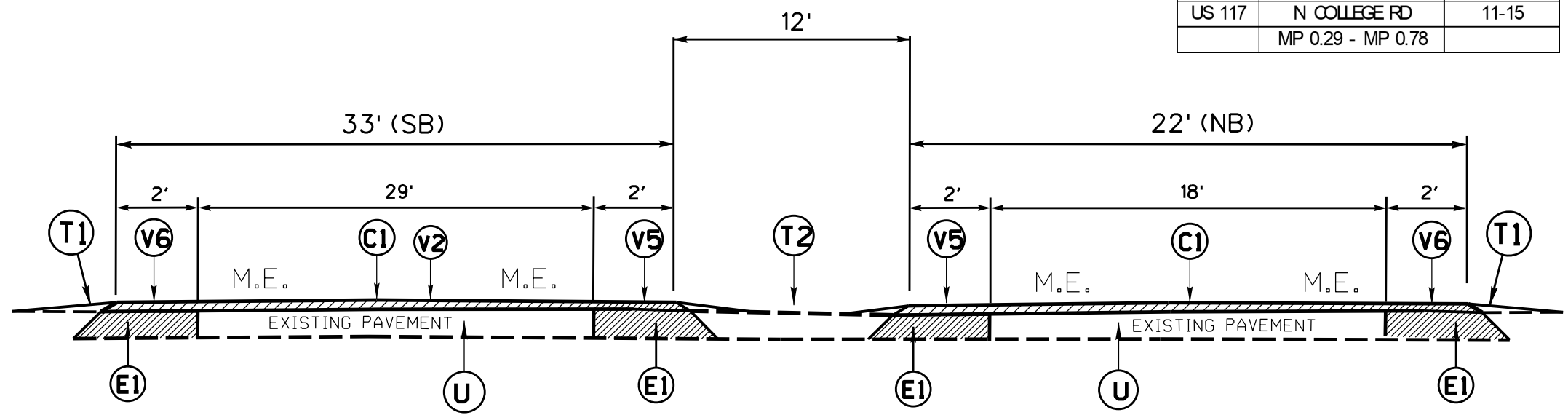
SHOULDER WORK ON MAP NO. 2-3 AS NEEDED, TO BE DETERMINED BY ENGINEER.

THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS.

REINSTALL PAVEMENT MARKINGS PER 2024 STANDARDS.

RUMBLE STRIP INSTALLATION EXCLUDES ALL EXISTING CURB & GUTTER SECTIONS

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

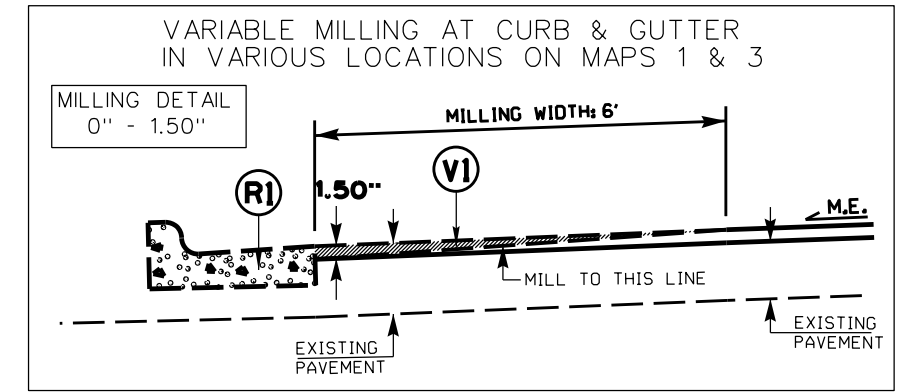


TYPICAL SECTION NO. 4

MAP NO. 2
 US 117 SB (N COLLEGE RD)
 MP 5.54 - MP 6.42

MAP NO. 3
 US 117 NB (N COLLEGE RD)
 MP 0.29 - MP 0.78

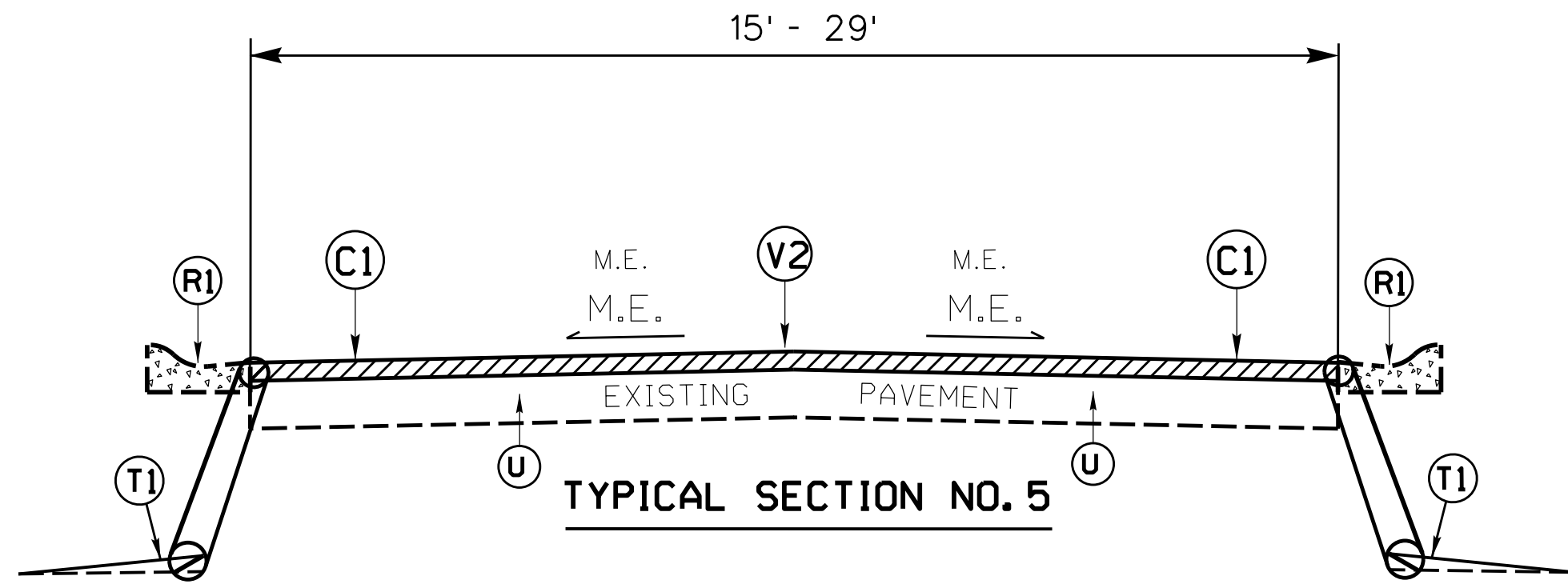
(V2) MILL 1.50"
 MP 6.13 - MP 6.34



REVISIONS

8/17/99

SYSTEMS

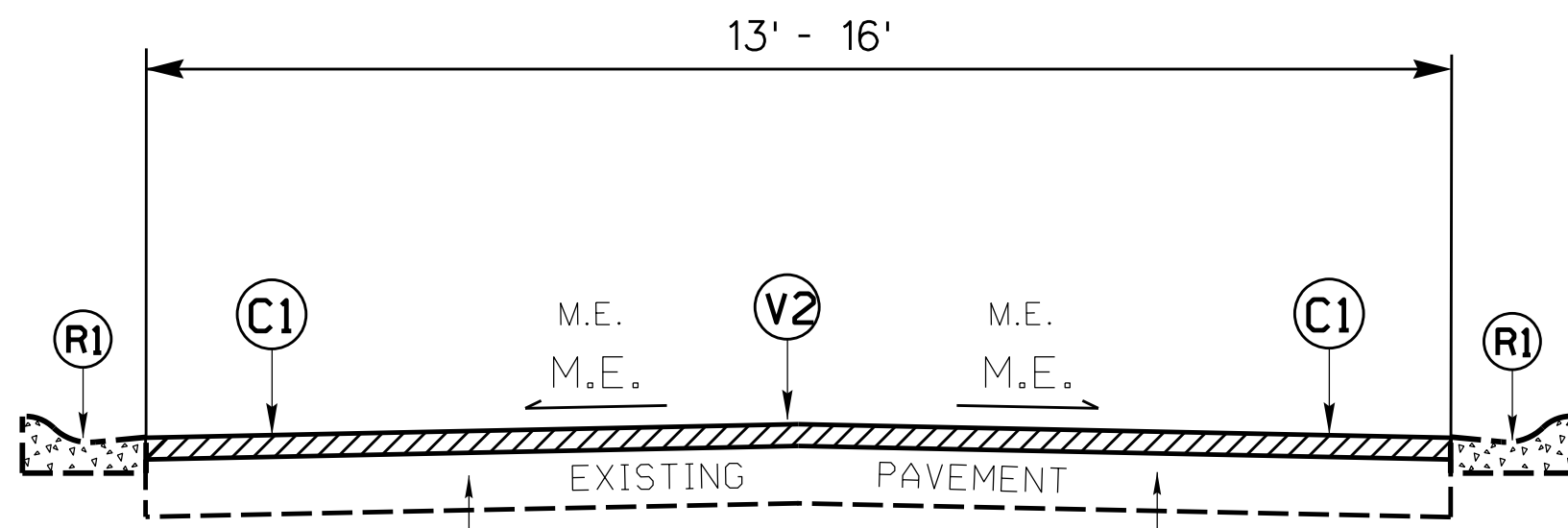


TYPICAL SECTION NO. 5

MAP NO. 4
US 117 SB (N COLLEGE RD)
MP 0.92 - MP 1.19

MAP NO. 6
NC 133 NB (CASTLE HAYNE RD)
MP 9.71 - MP 9.77

MAP NO. 10
SR 3307 CONNECTOR
MP 0.00 - MP 0.03

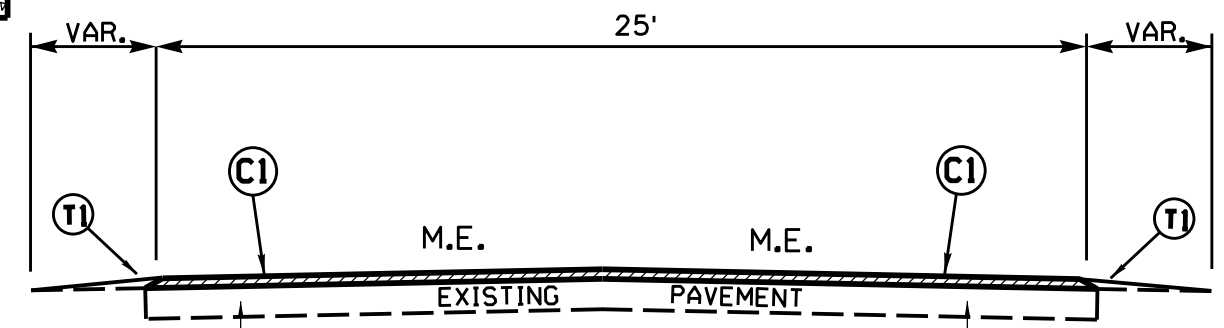


TYPICAL SECTION NO. 6

MAP NO. 5
NC 133 (CASTLE HAYNE RD)
MP 9.77 - MP 9.79

MAP NO. 7
NC 133 SB (CASTLE HAYNE RD)
MP 1.14 - MP 1.16

MAP NO. 8
US 117/NC 133 WB RAMP 92537
MP 0.00 - MP 0.02



TYPICAL SECTION NO. 7

MAP NO. 9
SR 3306 (N COLLEGE RD)
MP 0.00 - MP 0.13

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
R1	EXISTING CURB AND GUTTER
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V2	MILLING, 1.50" DEPTH

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO. 4 & 9 AS NEEDED, TO BE DETERMINED BY ENGINEER.

THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS.

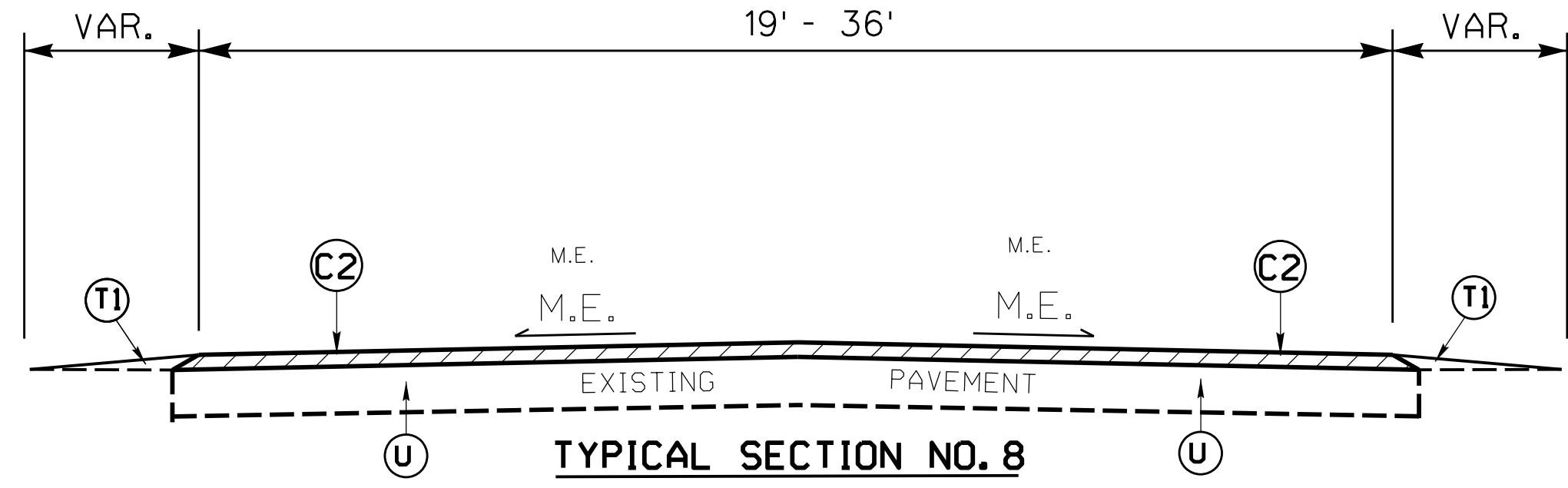
REINSTALL PAVEMENT MARKINGS PER 2024 STANDARDS.

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

REVISIONS

8/17/99

SYSTEMS



TYPICAL SECTION NO. 8

MAP NO. 11
SR 1527 (BURNETT RD)
MP 0.00 - MP 0.56

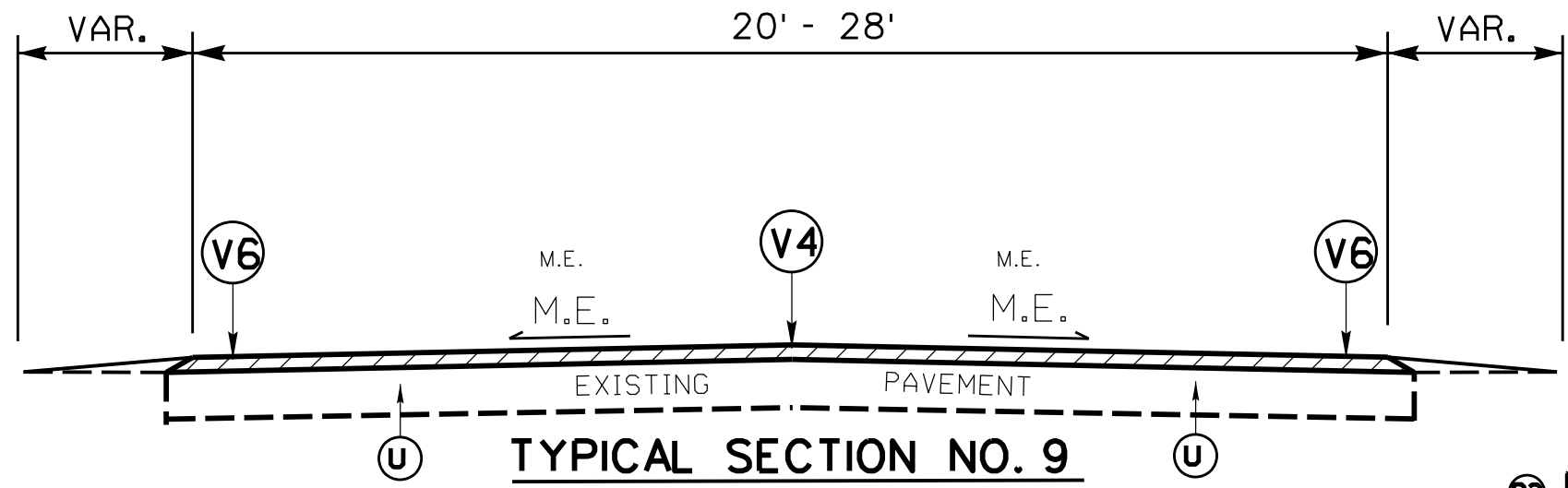
MAP NO. 12
SR 1492 (MASONBORO LOOP RD)
MP 0.00 - MP 1.75

MAP NO. 13
SR 1520 (GRISSOM RD)
MP 0.00 - MP 0.36

MAP NO. 14
SR 2103 (PARMELE RD)
MP 0.00 - MP 0.48

V2 FRIS MILL 1.50"
MP 0.28 - MP 0.34

MAP NO. 15
NS-98810 (DANNY PENCE DR) / BUS PARKING
US 117 (N COLLEGE RD) TO DEAD END/
BUS PARKING (LANEY HIGH SCHOOL & TRASK MIDDLE SCHOOL)
MP 0.00 - MP 0.22

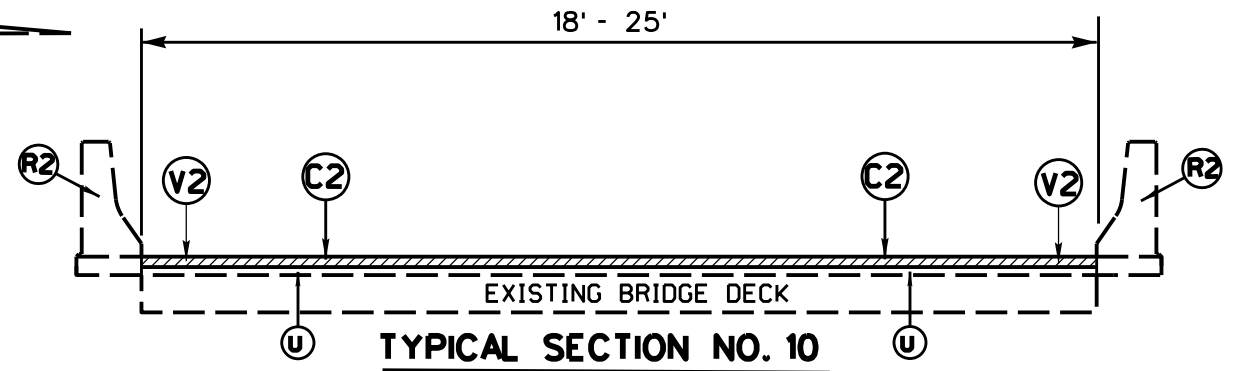


TYPICAL SECTION NO. 9

MAP NO. 12A
SR 1492 (MASONBORO LOOP RD)
MP 1.70 - MP 1.75

MAP NO. 13
SR 1520 (GRISSOM RD)
MP 0.00 - MP 0.36

MAP NO. 52
SR 1521 (PINER RD)
MP 0.71 - MP 0.74



TYPICAL SECTION NO. 10

MAP NO. 12
SR 1492 (MASONBORO LOOP RD)
BRIDGE NO. 005; MP 0.02 - MP 0.03

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.50" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
R1	EXISTING CURB AND GUTTER
R2	EXISTING BRIDGE BARRIER
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	0" - 1.50" VARIABLE MILLING
V2	MILLING, 1.50" DEPTH
V4	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V6	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE

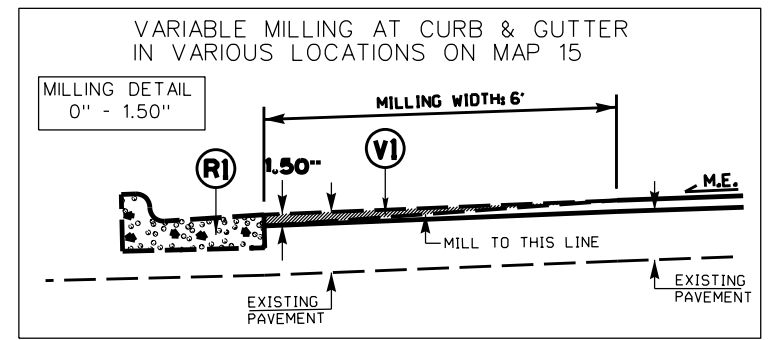
NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO. 11 - 15 AS NEEDED, TO BE DETERMINED BY ENGINEER.

THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS.

REINSTALL PAVEMENT MARKINGS PER 2024 STANDARDS.

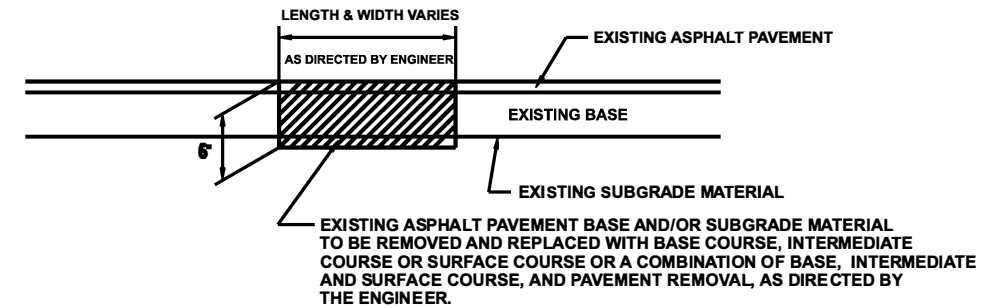
PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.



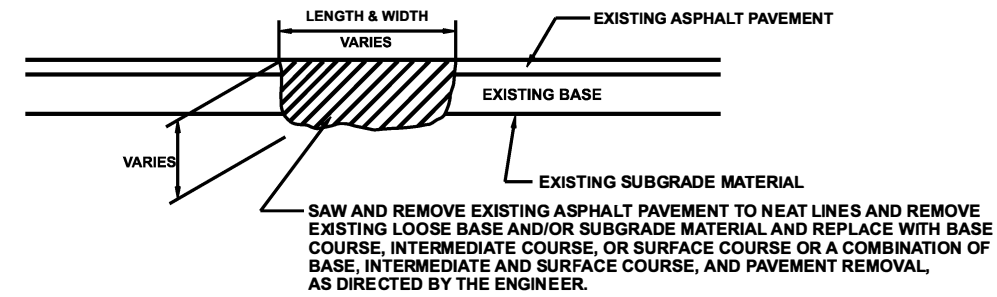
REVISIONS

8/17/99 SYSTEMS

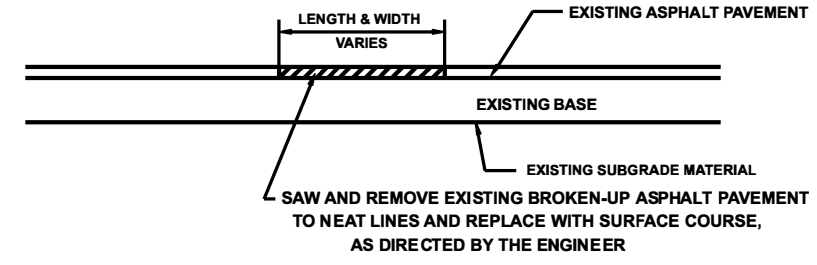
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



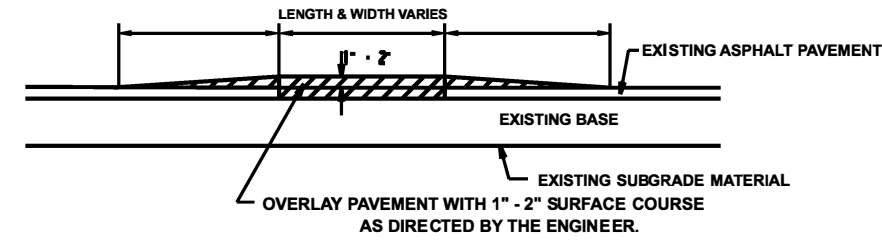
DETAIL NO. 1



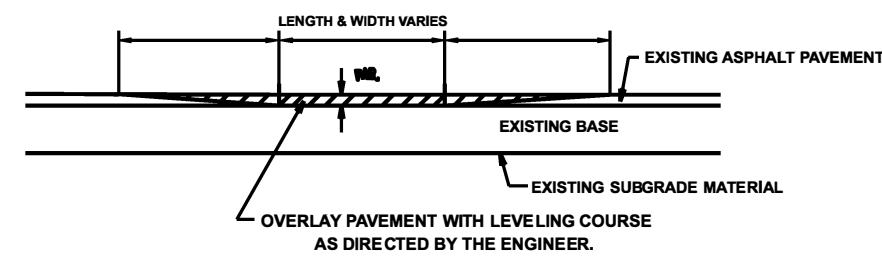
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

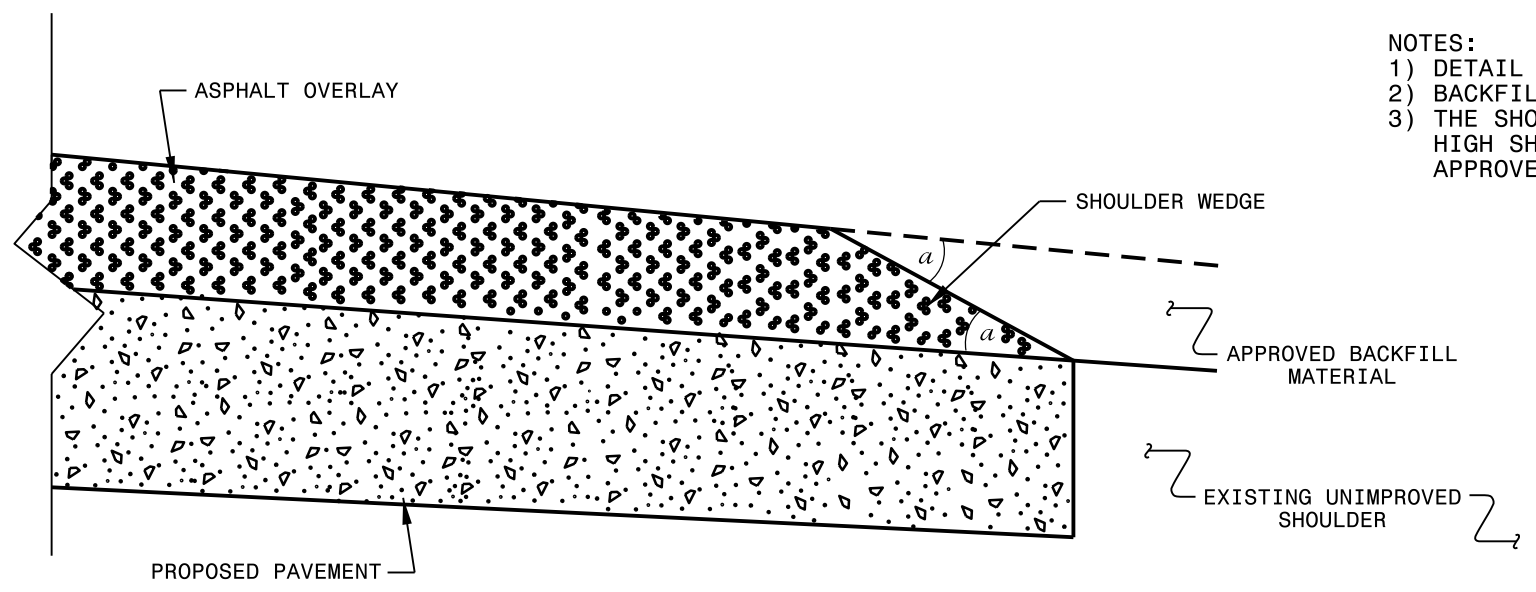


DETAIL NO. 5

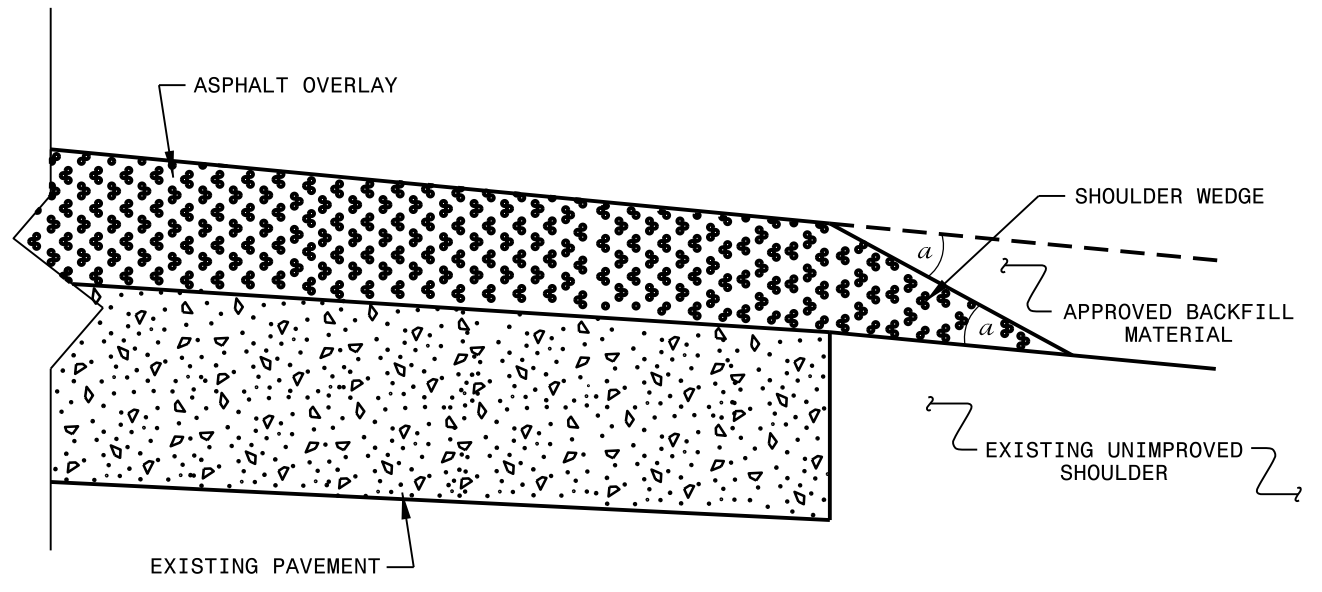
REVISIONS

8/17/99
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 \$\$\$\$\$\$PNAME\$\$\$\$\$\$

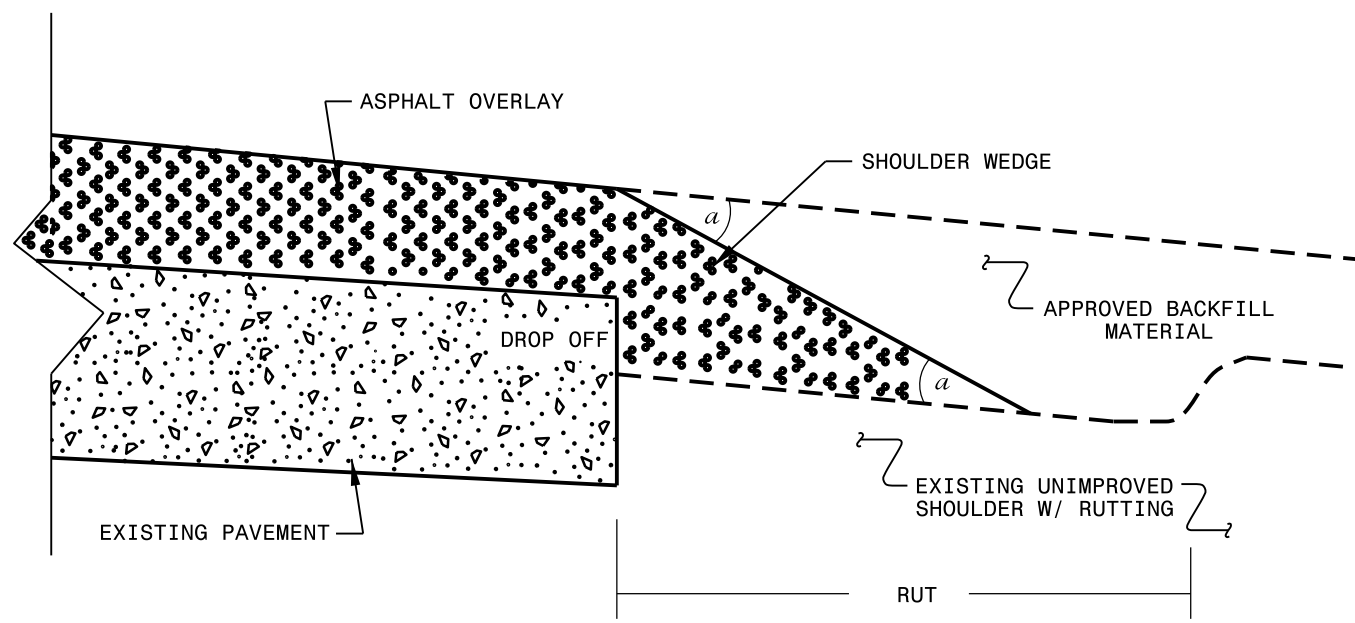
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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)

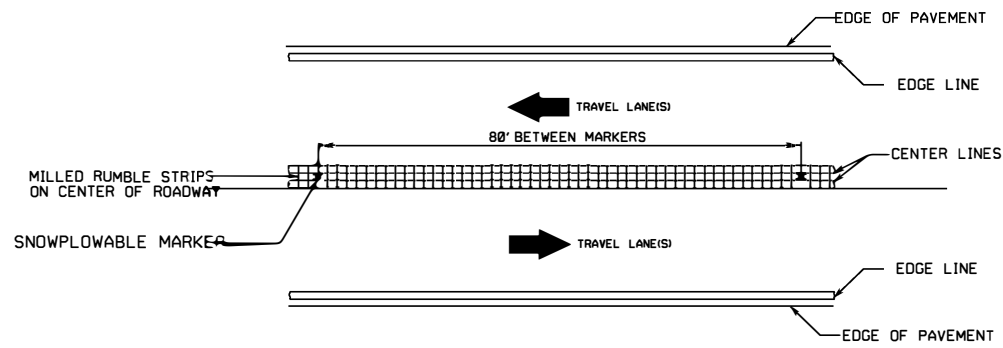
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
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			

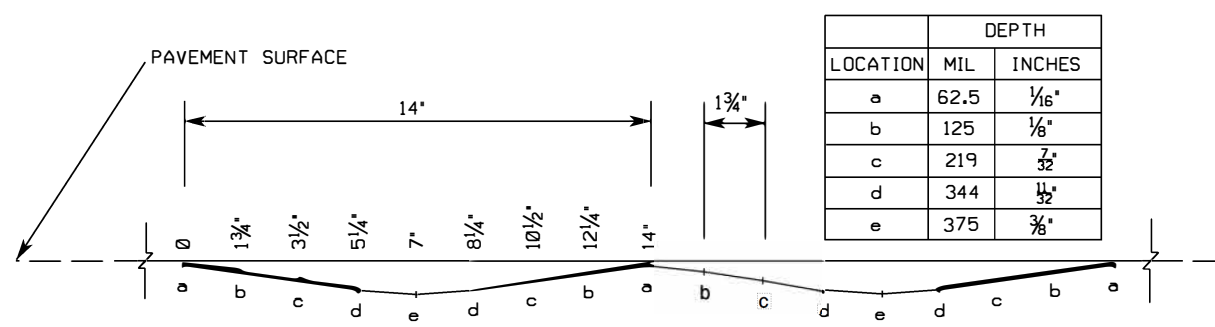
27 JUN 2018 13:22
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See Table 2 within Rumble Strip Policy for Design Guidance

LANE TREATMENT

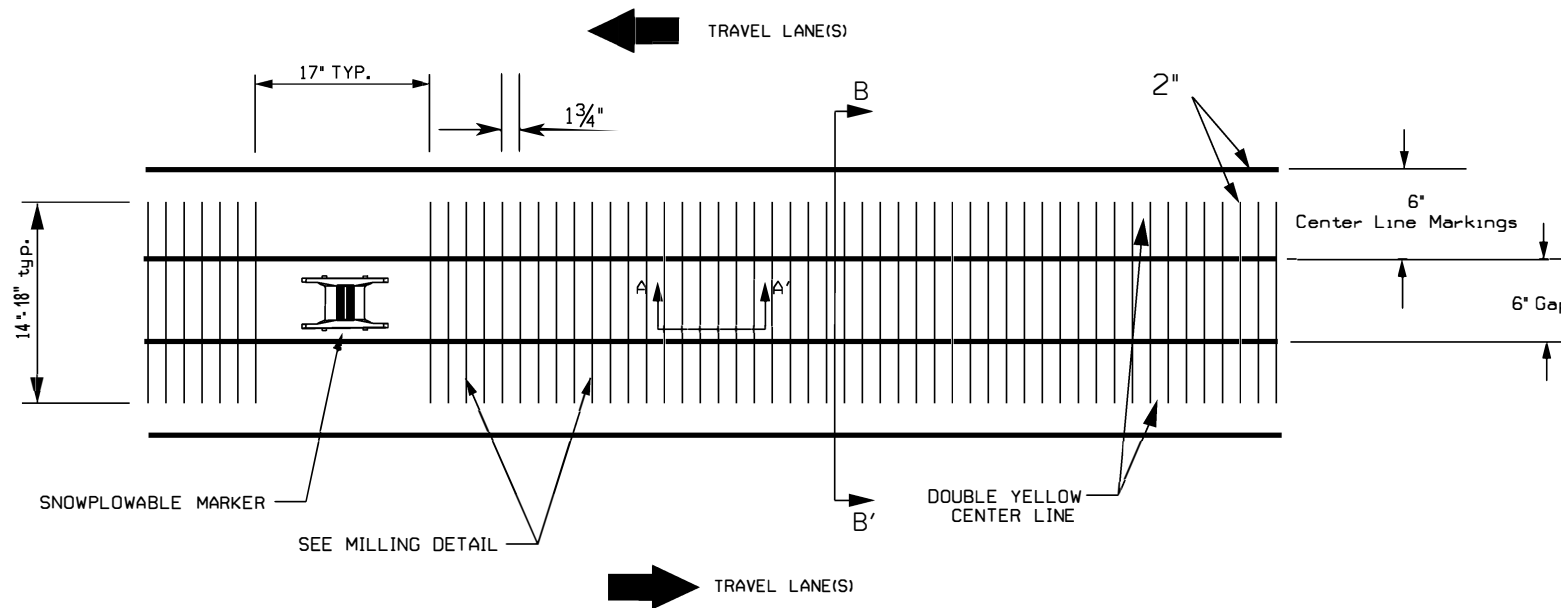


PROFILE:

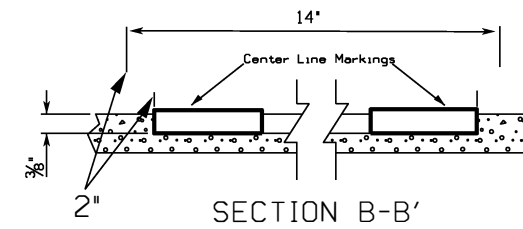


SECTION A-A'

CENTER LINE



MILLING DETAIL



SECTION B-B'

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 Leonard
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05/05/2026

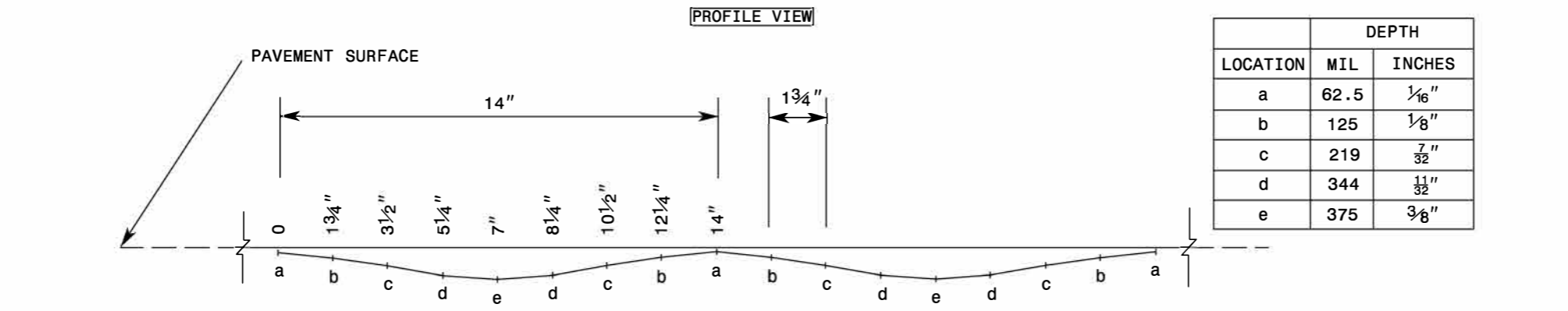
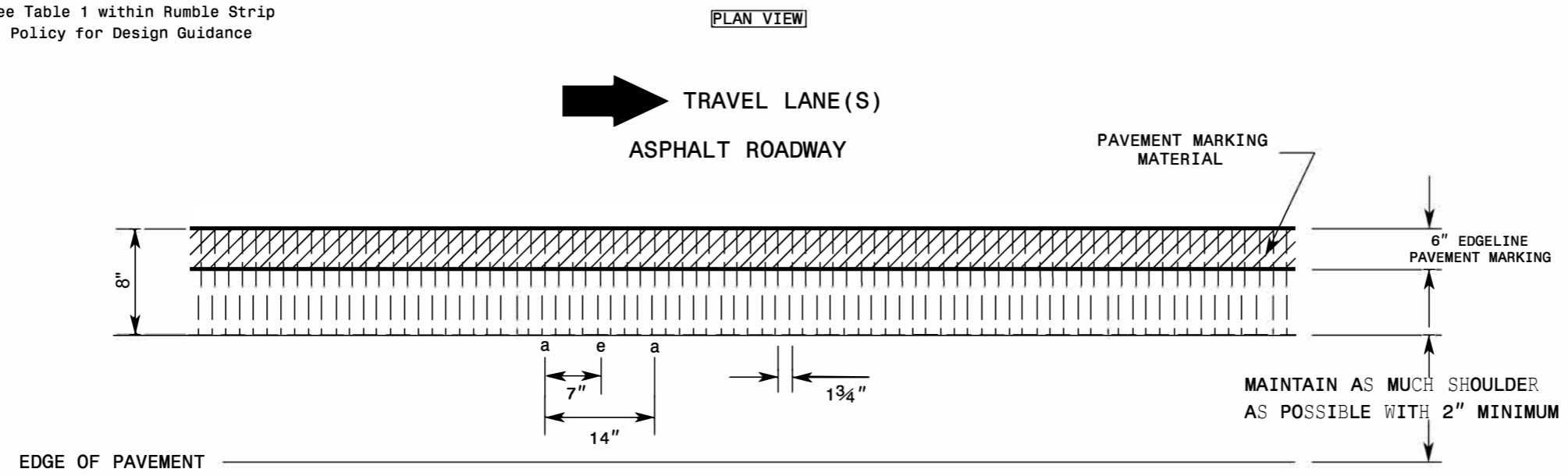


CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

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

See Table 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 Leonard
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 05/05/2026




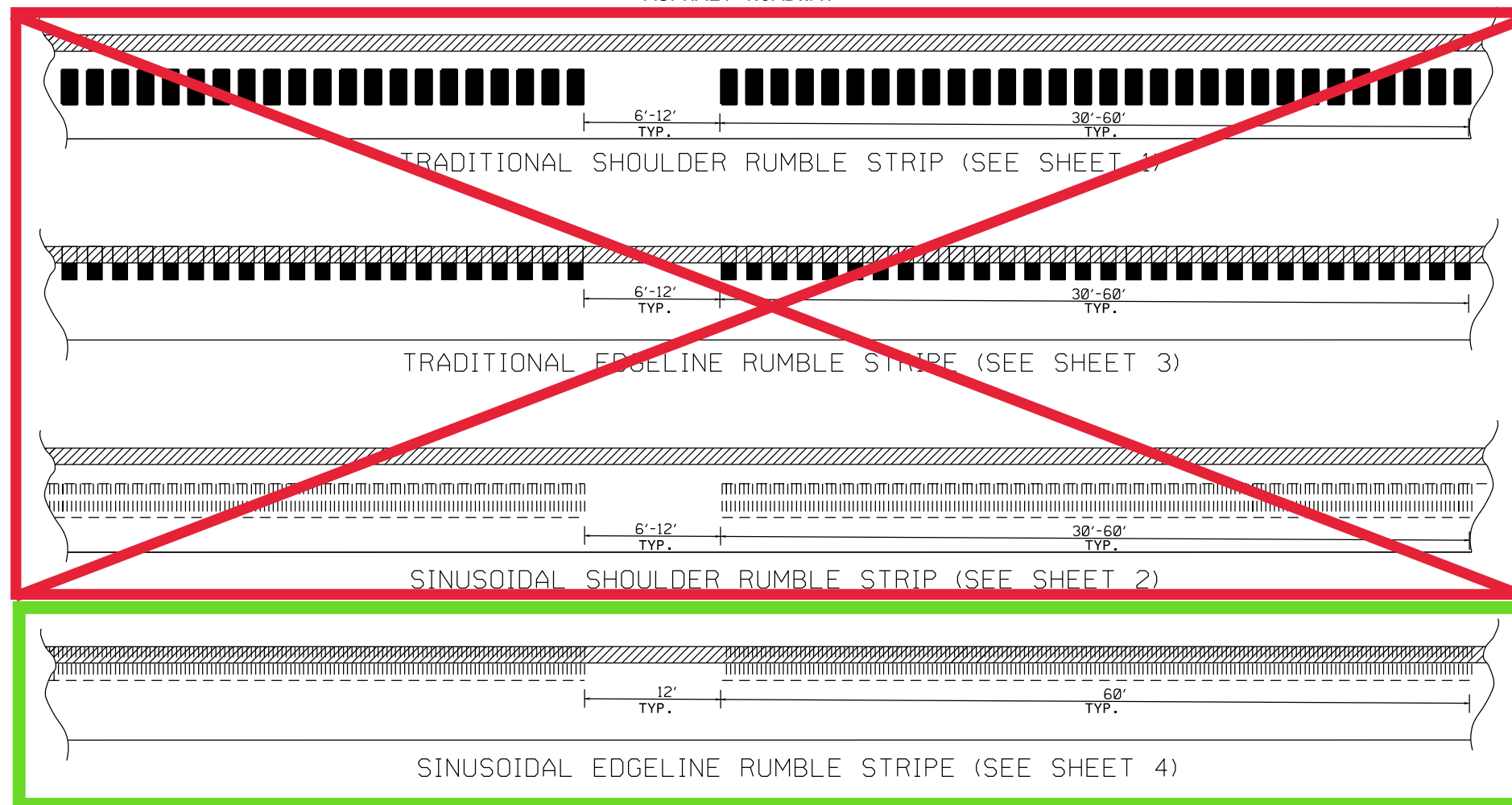
CONTRACTS STANDARDS AND DEVELOPMENT UNIT
 Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

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

See 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

DocuSigned by:
Jessi Leonard
 4D590D07E47C40F...

05/05/2026



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.: _____

PROJECT NO.	SHEET NO.
2026CPT.03.09.10651, ETC.	23
50975.3.33, 50975.3.40	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGI N	END MP	0022000000-E	0106000000-E	0156000000-E	1220000000-E	1245000000-E	1297000000-E	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E			
												UNCLASSIFIED EXCAVATION	BORROW EXCAVATION	REMOVAL OF EXISTING ASPHALT ISLAND	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1.5" MILLING	0" - 1.5" MILLING	0" - 1" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C		
								MI	FT				CY	CY	SY	TON	SMI	SY	SY	SY	SY	TONS	TON	TON	TON	
2026CPT.03.09.10651	NewHanover	1	US-117 N COLLEGE ROAD	FROM APPROXIMATELY 0.49 MILES NORTH OF SR 2048 (GORDON RD) TO PENDER COUNTY LINE [MP 9.70 - MP 15.61]	1, 2	2	MD	5.91	18-69	9.70	15.61	18	643	75	76	10.50	28,463	3,045		7,938					12,220	
TOTAL FOR MAP NO. 1								5.91				18	643	75	76	10.50	28,463	3,045		7,938					12,220	
2026CPT.03.09.10651	NewHanover	2	US-117 N COLLEGE RD	SOUTHBOUND ONLY FROM 0.1 MI N OF SR 1322 (BAVARIAN LN) TO SR 2048 (GORDON RD) [MP 5.54 - MP 6.42]	4	2	MD	0.88	33	5.54	6.42		81			1.32	6,616		3,461						1,481	
TOTAL FOR MAP NO. 2								0.88				81			1.32	6,616		3,461								1,481
2026CPT.03.09.10651	NewHanover	3	US 117 N COLLEGE RD	NORTHBOUND ONLY FROM SR 2048 (GORDON RD) TO 0.49 MI N OF SR 2048 (GORDON RD) [MP 0.29 - MP 0.78]	4	1	MD	0.49	22	0.29	0.78		41			0.66		681	625					441		
TOTAL FOR MAP NO. 3								0.49				41			0.66		681	625							441	
2026CPT.03.09.10651	NewHanover	4	US-117 SB / CASTLE HAYNE RD	SOUTHBOUND FROM CHERRY ST (NON SYSTEM) TO BEYOND END OF ROUNDABOUT [MP 0.92 - MP 1.19]	5	2		0.27	29	0.92	1.19		33		8	0.54	1,569							364		
TOTAL FOR MAP NO. 4								0.27				33		8	0.54	1,569									364	
2026CPT.03.09.10651	NewHanover	5	NC 133 / CASTLE HAYNE RD	FROM SOUTH EXIT OF ROUNDABOUT AT CASL TE HAYNE RD TO SOUTH ENTRANCE OF ROUNDABOUT NB [MP 9.77 - MP 9.79]	6	2	2WU	0.02	13	9.77	9.79					212								17		
TOTAL FOR MAP NO. 5								0.02							212										17	
2026CPT.03.09.10651	NewHanover	6	NC 133 NB / CASTLE HAYNE RD	FROM CASTLE HAYNE RD MP 9.71 TO ENTRANCE OF ROUNDABOUT [MP 9.71 - MP 9.77]	5	2	2WU	0.06	26	9.71	9.77		4		2	0.06	493							99		
TOTAL FOR MAP NO. 6								0.06				4		2	0.06	493									99	
2026CPT.03.09.10651	NewHanover	7	NC-133 SB CASTLE HAYNE RD	FROM SOUTHWEST EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO END DIVIDED SECTION [MP 1.14 - MP 1.16]	6	2		0.02	16	1.14	1.16						188							17		
TOTAL FOR MAP NO. 7								0.02							188											17
2026CPT.03.09.10651	NewHanover	8	US-117 WB RAMP - 92537	FROM NORTH EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO NORTH ENTRANCE OF ROUNDABOUT SB [MP 0.00 - MP 0.02]	6	2	2WD	0.02	16	0.00	0.02						188							17		
TOTAL FOR MAP NO. 8								0.02							188											17
TOTAL FOR PROJ NO. 2026CPT.03.09.10651								7.67				18	802	75	86	13.08	37,729	3,726		12,024						14,656
2026CPT.03.09.20651	NewHanover	9	SR-3306 / N COLLEGE RD	FROM 0.05 MILES OF SR 1342 (ASH ST) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.13]	7	2	2WU	0.13	25	0.00	0.13		16		10	0.26								144		
TOTAL FOR MAP NO. 9								0.13				16		10	0.26										144	
2026CPT.03.09.20651	NewHanover	10	SR-3307 CONNECTOR	FROM NC HWY 117 NB CASTLE HAYNE RD TO SR 3306 (N. COLLEGE RD) [MP 0.00 - MP 0.03]	5	2	2WU	0.03	15	0.00	0.03		4			0.06	92							20		
TOTAL FOR MAP NO. 10								0.03				4			0.06	92									20	
2026CPT.03.09.20651	NewHanover	11	SR-1527 / BURNETT RD	FROM US HWY 421 (CAROLINA BEACH RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.56]	8	2	2WU	0.56	20	0.00	0.56		63		34	1.00			56		695			695		
TOTAL FOR MAP NO. 11								0.56				63		34	1.00			56		695					695	
2026CPT.03.09.20651	NewHanover	12	SR-1492 / MASONBORO LOOP RD	FROM 0.14 MI NORTH OF SR 1517 (TRAILS END RD) TO SR 1520 (GRISSOM RD) [MP 0.00 - MP 1.75]	8, 10	2	2WU	1.75	24	0.00	1.75		214		50	3.50	1,261		3,772		2,647	20				
TOTAL FOR MAP NO. 12								1.75				214		50	3.50	1,261		3,772		2,647	20					
2026CPT.03.09.20651	NewHanover	13	SR-1520 / GRISSOM RD	FROM SR 1492 (MYRTLE GROVE RD) TO SR 1521 (PINER RD) [MP 0.00 - MP 0.36]	8	2	2WU	0.36	28	0.00	0.36		44		16	0.72			83		503	5				
TOTAL FOR MAP NO. 13								0.36				44		16	0.72			83		503	5					
2026CPT.03.09.20651	NewHanover	14	SR-2103 / PARMELE RD	FROM US HWY 117 (N. COLLEGE RD) TO SR 1318 (BLUE CLAY RD) [MP 0.00 - 0.48]	8	2	2WU	0.48	19	0.00	0.48		56		16	0.91	1,111		243		521					
TOTAL FOR MAP NO. 14								0.48				56		16	0.91	1,111		243		521						
2026CPT.03.09.20651	NewHanover	15	NS 98810 / DANNY PENCE DR / BUS PARKING	FROM US 117 (N COLLEGE RD) TO DEAD END / BUS PARKING (LANEY HIGH SCHOOL AND TRASK MIDDLE SCHOOL) [MP 0.00 - MP 0.22]	8	2	2WU	0.22	36	0.00	0.22		37			0.43		1,213	200		1,262	10				
TOTAL FOR MAP NO. 15								0.22				37			0.43		1,213	200		1,262	10					
TOTAL FOR PROJ NO. 2026CPT.03.09.20651								3.53				434		126	6.88	2,464	1,213		4,354		5,628	35			164	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEG N	END MP	0022000000-E	0106000000-E	0156000000-E	1220000000-E	1245000000-E	1297000000-E	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E			
												UNCLASSIFIED EXCAVATION	BORROW EXCAVATION	REMOVAL OF EXISTING ASPHALT ISLAND	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1.5" MILLING	0" - 1.5" MILLING	0" - 1" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C		
								MI	FT			CY	CY	SY	TON	SMI	SY	SY	SY	SY	TONS	TON	TON	TON		
2026CPT.03.09.20652	NewHanover	16	SR-2573 / WOODS EDGE RD	FROM NC HWY 132 (S COLLEGE RD) TO SR 1492 (MASONBORO LOOP RD) [MP 0.00 - MP 1.17]	11	2	2WU	1.17	25	0.00	1.17								6,208	536						
TOTAL FOR MAP NO. 16								1.17												6,208	536					
2026CPT.03.09.20652	NewHanover	17	SR-2574 / BLUE GRASS CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	18	0.00	0.03								242							
TOTAL FOR MAP NO. 17								0.03												242						
2026CPT.03.09.20652	NewHanover	18	SR-2575 / RANCHWOOD CT	FROM 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	19	0.00	0.03								210							
TOTAL FOR MAP NO. 18								0.03												210						
2026CPT.03.09.20652	NewHanover	19	SR-2576 / BRENWOOD CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05								363							
TOTAL FOR MAP NO. 19								0.05												363						
2026CPT.03.09.20652	NewHanover	20	SR-2577 / LADY FERN CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	11	2	2WU	0.07	18	0.00	0.07								484							
TOTAL FOR MAP NO. 20								0.07												484						
2026CPT.03.09.20652	NewHanover	21	SR-2579 / BERNHARDT CT	FROM END OF CUL-DE-SAC TO END OF CUL-DE-SAC [MP 0.00 - MP 0.12]	11	2	2WU	0.12	18	0.00	0.12								904							
TOTAL FOR MAP NO. 21								0.12												904						
2026CPT.03.09.20652	NewHanover	22	SR-2578 / WOOD RIDGE RD	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE RD) [MP 0.00 - MP 0.13]	12	2	2WU	0.13	23	0.00	0.13								688	36						
TOTAL FOR MAP NO. 22								0.13												688	36					
2026CPT.03.09.20652	NewHanover	23	SR-2580 / BERNHARDT CT	FROM 2579 (BERNHARDT CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.02]	11	2	2WU	0.02	18	0.00	0.02								163							
TOTAL FOR MAP NO. 23								0.02												163						
2026CPT.03.09.20652	NewHanover	24	SR-2582 / CHALICE LN	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE RD) [MP 0.00 - MP 0.07]	12	2	2WU	0.07	23	0.00	0.07								227	108						
TOTAL FOR MAP NO. 24								0.07												227	108					
2026CPT.03.09.20652	NewHanover	25	SR-1721 / EMMARTS CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	12	2	2WU	0.07	27	0.00	0.07								86							
TOTAL FOR MAP NO. 25								0.07												86						
2026CPT.03.09.20652	NewHanover	26	SR-2535 / BRASS EAGLE CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	18	0.00	0.06								379	81						
TOTAL FOR MAP NO. 26								0.06												379	81					
2026CPT.03.09.20652	NewHanover	27	SR-2537 / DUCK DOWNE CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	18	0.00	0.06								435	88						
TOTAL FOR MAP NO. 27								0.06												435	88					
2026CPT.03.09.20652	NewHanover	28	SR-2536 / CROWS NEST CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.08]	11	2	2WU	0.08	18	0.00	0.08								514	133						
TOTAL FOR MAP NO. 28								0.08													514	133				
2026CPT.03.09.20652	NewHanover	29	SR-3120 / CRYSTAL CT	FROM SR 1706 (BRIGHTON RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	19	0.00	0.05								110							
TOTAL FOR MAP NO. 29								0.05												110						
2026CPT.03.09.20652	NewHanover	30	SR-1707 / CORNWALL CT	FROM SR 1706 (BRIGHTON RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	22	0.00	0.05								39							
TOTAL FOR MAP NO. 30								0.05												39						
2026CPT.03.09.20652	NewHanover	31	SR-1688 / SOUTHWOLD DR	FROM 1492 (MASONBORO LOOP RD) TO SR 1643 (HOUNDLE DR) [MP 0.00 - MP 0.28]	12	2	2WU	0.28	21	0.00	0.28									334						
TOTAL FOR MAP NO. 31								0.28												334						
2026CPT.03.09.20652	NewHanover	32	SR-1719 / COLCHESTER PL	FROM SR 1688 (SOUTHWOLD DR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.13]	12	2	2WU	0.13	20	0.00	0.13															
TOTAL FOR MAP NO. 32								0.13																		
2026CPT.03.09.20652	NewHanover	33	SR-2146 / RAINTREE RD	FROM SR 1345 (ALEXANDER RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.29]	12	2	2WU	0.29	20	0.00	0.29															
TOTAL FOR MAP NO. 33								0.29																		
2026CPT.03.09.20652	NewHanover	34	SR-2147 / PENCADE RD	FROM SR 2146 (RAINTREE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	12	2	2WU	0.12	21	0.00	0.12								310	103						
TOTAL FOR MAP NO. 34								0.12												310	103					
2026CPT.03.09.20652	NewHanover	35	SR-2635 / ELMHURST RD	FROM SR 2191 (BEAWOOD RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.08]	12	2	2WU	0.08	21	0.00	0.08									127						
TOTAL FOR MAP NO. 35								0.08													127					
2026CPT.03.09.20652	NewHanover	36	SR-2638 / HAZELTON CT	FROM SR 2146 (RAINTREE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	12	2	2WU	0.07	21	0.00	0.07															
TOTAL FOR MAP NO. 36								0.07																		
2026CPT.03.09.20652	NewHanover	37	SR-2856 / SANSBERRY CT	FROM SR 2146 (RAINTREE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	22	0.00	0.05															
TOTAL FOR MAP NO. 37								0.05																		
2026CPT.03.09.20652	NewHanover	38	SR-2631 / SHEFFIELD CT	FROM SR 2632 (WILLIAMSBURG CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.19]	11	2	2WU	0.19	24	0.00	0.19								232	184						
TOTAL FOR MAP NO. 38								0.19												232	184					
2026CPT.03.09.20652	NewHanover	39	SR-2632 / WILLIAMSBURG CT	FROM END OF CUL-DE-SAC TO END OF CUL-DE-SAC [MP 0.00 - MP 0.32]	11	2	2WU	0.32	19	0.00	0.32								2,283	99						
TOTAL FOR MAP NO. 39								0.32												2,283	99					

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEG N	END MP	002200000-E	010600000-E	015600000-E	122000000-E	124500000-E	129700000-E	130800000-E	133000000-E	149100000-E	151900000-E	152000000-E	152300000-E				
												UNCLASSIFIED EXCAVATION	BORROW EXCAVATION	REMOVAL OF EXISTING ASPHALT ISLAND	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1.5" MILLING	0" - 1.5" MILLING	0" - 1" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C			
								MI	FT			CY	CY	SY	TON	SMI	SY	SY	SY	SY	TONS	TON	TON	TON			
2026CPT.03.09.20652	NewHanover	40	SR-2634 / TREMONT CT	FROM SR 2633 (SHIRE CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	19	0.00	0.06								445								
TOTAL FOR MAP NO. 40								0.06											445								
2026CPT.03.09.20652	NewHanover	41	SR-2633 / SHIRE LN	FROM SR 2117 (SHENANDOAH ST) TO SR 2630 (SHEFFIELD CT) [MP 0.00 - MP 0.26]	11	2	2WU	0.26	25	0.00	0.26								1,783	196							
TOTAL FOR MAP NO. 41								0.26											1,783	196							
2026CPT.03.09.20652	NewHanover	42	SR-2835 / BEESTON CT	FROM SR 2633 (SHIRE LN) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	19	0.00	0.03								273								
TOTAL FOR MAP NO. 42								0.03											273								
2026CPT.03.09.20652	NewHanover	43	SR-2865 / ELAND CT	FROM SR 2630 (SHEFFIELD CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	19	0.00	0.06								453	98							
TOTAL FOR MAP NO. 43								0.06											453	98							
2026CPT.03.09.20652	NewHanover	44	SR-2739 / NEWBURY WAY	FROM SR 2117 (SHENANDOAH ST) TO SR 1328 (WHITE RD) [MP 0.00 - MP 0.41]	11	2	2WU	0.41	25	0.00	0.41								2,828	139							
TOTAL FOR MAP NO. 44								0.41												2,828	139						
2026CPT.03.09.20652	NewHanover	45	SR-2740 / CASHEW CT	FROM SR 2739 (NEWBURY WAY) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05								312								
TOTAL FOR MAP NO. 45								0.05												312							
2026CPT.03.09.20652	NewHanover	46	SR-2741 / REVERE CT	FROM SR 2739 (NEWBURY WAY) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05								359								
TOTAL FOR MAP NO. 46								0.05												359							
2026CPT.03.09.20652	NewHanover	47	SR-2742 / CLYDESDALE CT	FROM SR 2739 (NEWBURY WAY) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.09]	11	2	2WU	0.09	18	0.00	0.09								652								
TOTAL FOR MAP NO. 47								0.09												652							
2026CPT.03.09.20652	NewHanover	48	SR-2743 / WHITEHORSE CT	FROM SR 2742 (CLYDESDALE CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.04]	11	2	2WU	0.04	18	0.00	0.04								380								
TOTAL FOR MAP NO. 48								0.04												380							
2026CPT.03.09.20652	NewHanover	49	SR-2744 / VALLEY FORGE CT	FROM SR 2739 (NEWBURY WAY) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05								353								
TOTAL FOR MAP NO. 49								0.05												353							
2026CPT.03.09.20652	NewHanover	50	SR-2745 / ROSWELL GLEN	FROM SR 2739 (NEWBURY WAY) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05								555								
TOTAL FOR MAP NO. 50								0.05												555							
2026CPT.03.09.20652	NewHanover	51	SR-2746 / SADDLE PT	FROM SR 2739 (NEWBURY WAY) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	11	2	2WU	0.07	18	0.00	0.07								417								
TOTAL FOR MAP NO. 51								0.07												417							
TOTAL FOR PROJ NO. 2026CPT.03.09.20652								4.81														22,452	2,497				
50975.3.33	NewHanover	1A	US-117 / N COLLEGE RD	FROM APPROXIMATELY 0.49 MI NORTH OF SR 2048 (GORDON RD) TO NC 133 [MP 9.70 - MP 14.44]	3	2	2WU	4.74	18-69	9.70	14.44												1,915				
TOTAL FOR MAP NO. 1								4.74																	1,915		
50975.3.33	NewHanover	2	US-117 SB / N COLLEGE RD	FROM SOUTHBOUND ONLY FROM 0.10 MI N OF SR 1322 (BAVARIAN LN) TO SR 2048 (GORDON RD) [MP 5.54 - MP 6.42]	4	2	2WU	0.88	33	5.54	6.42												356				
TOTAL FOR MAP NO. 2								0.88																	356		
50975.3.33	NewHanover	3	US-117 NB / N COLLEGE RD	FROM NORTHBOUND ONLY FROM SR 2048 (GORDON RD) TO 0.49 MI N OF SR 2048 (GORDON RD) [MP 0.29 - MP 0.78]	4	2	2WU	0.49	22	0.29	0.78												198				
TOTAL FOR MAP NO. 3								0.49																	198		
TOTAL FOR PROJ NO. 50975.3.33								6.11																		2,469	
50975.3.40	NewHanover	12A	SR-1492 / MASONBORO LOOP RD	FROM SR 1519 (OLD MYRTLE GROVE RD) TO SR 1520 (GRISSOM RD) [MP 1.70 - MP 1.75]	9	2	2WU	0.05	24	1.70	1.75																
TOTAL FOR MAP NO. 12								0.05																			
50975.3.40	NewHanover	13	SR-1520 / GRISSOM RD	FROM SR 1492 (MYRTLE GROVE RD) TO SR 1521 (PINER RD) [MP 0.00 - MP 0.36]	9	2	2WU	0.36	28	0.00	0.36																
TOTAL FOR MAP NO. 13								0.36																			
50975.3.40	NewHanover	52	SR-1521 / PINER RD	FROM SR 1643 (HORNDAL RD) TO SR 1520 (GRISSOM RD) [MP 0.71 - MP 0.74]	9	2	MU	0.03	20	0.71	0.74																
TOTAL FOR MAP NO. 52								0.03																			
TOTAL FOR PROJ NO. 50975.3.40								0.44																			
GRAND TOTAL								22.56							18	1,236	75	232	19.96	40,193	4,939	22,452	18,875	2,469	5,628	35	14,820

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEG N	END MP	1524000000-E	1526000000-E	1575000000-E	1705500000-E	1880000000-E	1881000000-E			2752000000-E	2759000000-N	2815000000-N	2830000000-N	2845000000-N	5255000000-N					
												LEVELING COURSE, S9.5C	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	LEVELING COURSE, S4.75A	SINUSOIDAL MILLED RUMBLE STRIP, CENTERLINE (14")	SINUSOIDAL MILLED RUMBLE STRIP, EDGELINE W/ BICYCLE PATTERN (8")	SINUSOIDAL MILLED RUMBLE STRIP, EDGELINE (8")	2'-6" CURB & GUTTER, REMOVE & REPLACE	ADJUSTMENT OF MONUMENTS	ADJUSTMENT OF DROP INLET	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	PORTABLE LIGHTING					
												MI	FT					LF	LF	LF	LF	EA	EA	EA	EA	EA				
2026CPT.03.09.20652	NewHanover	16	SR-2573 / WOODS EDGE RD	FROM NC HWY 132 (S COLLEGE RD) TO SR 1492 (MASONBORO LOOP RD) [MP 0.00 - MP 1.17]	11	2	2WU	1.17	25	0.00	1.17		1,039	77	94						11			3						
TOTAL FOR MAP NO. 16												1.17											11			3				
2026CPT.03.09.20652	NewHanover	17	SR-2574 / BLUE GRASS CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	18	0.00	0.03		36	3	10						1			1						
TOTAL FOR MAP NO. 17												0.03												1			1			
2026CPT.03.09.20652	NewHanover	18	SR-2575 / RANCHWOOD CT	FROM 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	19	0.00	0.03		34	3	6						1			2						
TOTAL FOR MAP NO. 18												0.03												1			2			
2026CPT.03.09.20652	NewHanover	19	SR-2576 / BRENWOOD CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05		47	3	2						1			1						
TOTAL FOR MAP NO. 19												0.05												1			1			
2026CPT.03.09.20652	NewHanover	20	SR-2577 / LADY FERN CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	11	2	2WU	0.07	18	0.00	0.07		58	4		5					1			4						
TOTAL FOR MAP NO. 20												0.07											5			1		4		
2026CPT.03.09.20652	NewHanover	21	SR-2579 / BERNHARDT CT	FROM END OF CUL-DE-SAC TO END OF CUL-DE-SAC [MP 0.00 - MP 0.12]	11	2	2WU	0.12	18	0.00	0.12		113	9	15						3									
TOTAL FOR MAP NO. 21												0.12															3			
2026CPT.03.09.20652	NewHanover	22	SR-2578 / WOOD RIDGE RD	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE RD) [MP 0.00 - MP 0.13]	12	2	2WU	0.13	23	0.00	0.13		100	8	21	5					1			1						
TOTAL FOR MAP NO. 22												0.13															1		1	
2026CPT.03.09.20652	NewHanover	23	SR-2580 / BERNHARDT CT	FROM 2579 (BERNHARDT CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.02]	11	2	2WU	0.02	18	0.00	0.02		31	2							1			1						
TOTAL FOR MAP NO. 23												0.02															1		1	
2026CPT.03.09.20652	NewHanover	24	SR-2582 / CHALICE LN	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE RD) [MP 0.00 - MP 0.07]	12	2	2WU	0.07	23	0.00	0.07		56	4	10															
TOTAL FOR MAP NO. 24												0.07																		
2026CPT.03.09.20652	NewHanover	25	SR-1721 / EMMARTS CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	12	2	2WU	0.07	27	0.00	0.07		93	7							1			1						
TOTAL FOR MAP NO. 25												0.07															1		1	
2026CPT.03.09.20652	NewHanover	26	SR-2535 / BRASS EAGLE CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	18	0.00	0.06		54	4	5						1			1						
TOTAL FOR MAP NO. 26												0.06															1		1	
2026CPT.03.09.20652	NewHanover	27	SR-2537 / DUCK DOWNE CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	18	0.00	0.06		58	4							1			1						
TOTAL FOR MAP NO. 27												0.06															1		1	
2026CPT.03.09.20652	NewHanover	28	SR-2536 / CROWS NEST CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.08]	11	2	2WU	0.08	18	0.00	0.08		68	5	5						1			1						
TOTAL FOR MAP NO. 28												0.08															1		1	
2026CPT.03.09.20652	NewHanover	29	SR-3120 / CRYSTAL CT	FROM SR 1706 (BRIGHTON RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	19	0.00	0.05		39	3	15															
TOTAL FOR MAP NO. 29												0.05																		
2026CPT.03.09.20652	NewHanover	30	SR-1707 / CORNWALL CT	FROM SR 1706 (BRIGHTON RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	22	0.00	0.05		44	3																
TOTAL FOR MAP NO. 30												0.05																		
2026CPT.03.09.20652	NewHanover	31	SR-1688 / SOUTHWOLD DR	FROM 1492 (MASONBORO LOOP RD) TO SR 1643 (HOUNDALE DR) [MP 0.00 - MP 0.28]	12	2	2WU	0.28	21	0.00	0.28		198	14							4			4	1					
TOTAL FOR MAP NO. 31												0.28															4		4	1
2026CPT.03.09.20652	NewHanover	32	SR-1719 / COLCHESTER PL	FROM SR 1688 (SOUTHWOLD DR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.13]	12	2	2WU	0.13	20	0.00	0.13		93	7							2			1						
TOTAL FOR MAP NO. 32												0.13															2		1	
2026CPT.03.09.20652	NewHanover	33	SR-2146 / RAINTREE RD	FROM SR 1345 (ALEXANDER RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.29]	12	2	2WU	0.29	20	0.00	0.29		167	13	20	20					3									
TOTAL FOR MAP NO. 33												0.29															3			
2026CPT.03.09.20652	NewHanover	34	SR-2147 / PENCADE RD	FROM SR 2146 (RAINTREE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	12	2	2WU	0.12	21	0.00	0.12		98	7		10														
TOTAL FOR MAP NO. 34												0.12																		
2026CPT.03.09.20652	NewHanover	35	SR-2635 / ELMHURST RD	FROM SR 2191 (BEAWOOD RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.08]	12	2	2WU	0.08	21	0.00	0.08		57	4	10						2									
TOTAL FOR MAP NO. 35												0.08															2			
2026CPT.03.09.20652	NewHanover	36	SR-2638 / HAZELTON CT	FROM SR 2146 (RAINTREE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	12	2	2WU	0.07	21	0.00	0.07		66	5		10														
TOTAL FOR MAP NO. 36												0.07																		
2026CPT.03.09.20652	NewHanover	37	SR-2856 / SANSBERRY CT	FROM SR 2146 (RAINTREE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	22	0.00	0.05		56	4	5															
TOTAL FOR MAP NO. 37												0.05																		
2026CPT.03.09.20652	NewHanover	38	SR-2631 / SHEFFIELD CT	FROM SR 2632 (WILLIAMSBURG CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.19]	11	2	2WU	0.19	24	0.00	0.19		173	13	15						3			1						
TOTAL FOR MAP NO. 38												0.19															3		1	
2026CPT.03.09.20652	NewHanover	39	SR-2632 / WILLIAMSBURG CT	FROM END OF CUL-DE-SAC TO END OF CUL-DE-SAC [MP 0.00 - MP 0.32]	11	2	2WU	0.32	19	0.00	0.32		236	17	20	10					5			2						
TOTAL FOR MAP NO. 39												0.32															5		2	

PROJECT NO.	SHEET NO.
2026CPT.03.09.10651, ETC.	29
50975.3.33, 50975.3.40	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEG N	END MP	600000000-E	600900000-E	601200000-E	601500000-E	601800000-E	602100000-E	603600000-E	604200000-E	607101000-E	608400000-E	609000000-E	609300000-E	611700000-N	744400000-E		
												TEMPORARY SILT FENCE	STONE FOR EC CLASS B	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		
								MI	FT			LF	TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	LF		
2026CPT.03.09.10651	New Hanover	1	US-117 N COLLEGE ROAD	FROM APPROXIMATELY 0.49 MILES NORTH OF SR 2048 (GORDON RD) TO PENDER COUNTY LINE [MP 9.70 - MP 15.61]	1,2	2	MD	5.91	18-69	9.70	15.61	590	150	150	5.90	295	1.50	40	295	90	5.70	295	1.50	12	3,500		
TOTAL FOR MAP NO. 1								5.91				590	150	150	5.90	295	1.50	40	295	90	5.70	295	1.50	12	3,500		
2026CPT.03.09.10651	New Hanover	2	US-117 N COLLEGE RD	SOUTHBOUND ONLY FROM 0.1 MI N OF SR 1322 (BAVARIAN LN) TO SR 2048 (GORDON RD) [MP 5.54 - MP 6.42]	4	2	MD	0.88	33	5.54	6.42	90	20	20	0.90	45	0.20	10	45	20	0.85	45	0.20	2			
TOTAL FOR MAP NO. 2								0.88				90	20	20	0.90	45	0.20	10	45	20	0.85	45	0.20	2			
2026CPT.03.09.10651	New Hanover	3	US 117 N COLLEGE RD	NORTHBOUND ONLY FROM SR 2048 (GORDON RD) TO 0.49 MI N OF SR 2048 (GORDON RD) [MP 0.29 - MP 0.78]	4	1	MD	0.49	22	0.29	0.78	50	10	10	0.50	25	0.10	10	25	10	0.45	25	0.10	2			
TOTAL FOR MAP NO. 3								0.49				50	10	10	0.50	25	0.10	10	25	10	0.45	25	0.10	2			
2026CPT.03.09.10651	New Hanover	4	US-117 SB / CASTLE HAYNE RD	SOUTHBOUND FROM CHERRY ST (NON SYSTEM) TO BEYOND END OF ROUNDABOUT [MP 0.92 - MP 1.19]	5	2		0.27	29	0.92	1.19	25	5	5	0.25	15	0.05	10	15	10	0.25	15	0.05	2			
TOTAL FOR MAP NO. 4								0.27				25	5	5	0.25	15	0.05	10	15	10	0.25	15	0.05	2			
2026CPT.03.09.10651	New Hanover	5	NC 133 / CASTLE HAYNE RD	FROM SOUTH EXIT OF ROUNDABOUT AT CASL TE HAYNE RD TO SOUTH ENTRANCE OF ROUNDABOUT NB [MP 9.77 - MP 9.79]	6	2	2WU	0.02	13	9.77	9.79																
TOTAL FOR MAP NO. 5								0.02																			
2026CPT.03.09.10651	New Hanover	6	NC 133 NB / CASTLE HAYNE RD	FROM CASTLE HAYNE RD MP 9.71 TO ENTRANCE OF ROUNDABOUT [MP 9.71 - MP 9.77]	5	2	2WU	0.06	26	9.71	9.77	5	2	2	0.05	3	0.02	10	3	10	0.05	3	0.02	2			
TOTAL FOR MAP NO. 6								0.06				5	2	2	0.05	3	0.02	10	3	10	0.05	3	0.02	2			
2026CPT.03.09.10651	New Hanover	7	NC-133 SB CASTLE HAYNE RD	FROM SOUTHWEST EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO END DIVIDED SECTION [MP 1.14 - MP 1.16]	6	2		0.02	16	1.14	1.16																
TOTAL FOR MAP NO. 7								0.02																			
2026CPT.03.09.10651	New Hanover	8	US-117 WB RAMP - 92537	FROM NORTH EXIT OF ROUNDABOUT AT CASTLE HAYNE RD TO NORTH ENTRANCE OF ROUNDABOUT SB [MP 0.00 - MP 0.02]	6	2	2WD	0.02	16	0.00	0.02																
TOTAL FOR MAP NO. 8								0.02																			
TOTAL FOR PROJ NO. 2026CPT.03.09.10651								7.67				760	187	187	7.60	383	1.87	80	383	140	7.30	383	1.87	20	3,500		
2026CPT.03.09.20651	New Hanover	9	SR-3306 / N COLLEGE RD	FROM 0.05 MI S OF SR 1342 (ASH ST) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.13]	7	2	2WU	0.13	25	0.00	0.13	15	5	5	0.15	5	0.03	10	5	10	0.10	5	0.03	2			
TOTAL FOR MAP NO. 9								0.13				15	5	5	0.15	5	0.03	10	5	10	0.10	5	0.03	2			
2026CPT.03.09.20651	New Hanover	10	SR-3307 CONNECTOR	FROM NC HWY 117 NB CASTLE HAYNE RD TO SR 3306 (N. COLLEGE RD) [MP 0.00 - MP 0.03]	5	2	2WU	0.03	15	0.00	0.03	3	1	1	0.03	2	0.01	10	2	10	0.03	2	0.01	2			
TOTAL FOR MAP NO. 10								0.03				3	1	1	0.03	2	0.01	10	2	10	0.03	2	0.01	2			
2026CPT.03.09.20651	New Hanover	11	SR-1527 / BURNETT RD	FROM US HWY 421 (CAROLINA BEACH RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.56]	8	2	2WU	0.56	20	0.00	0.56	50	15	15	0.50	25	0.15	10	25	10	0.50	25	0.15	2			
TOTAL FOR MAP NO. 11								0.56				50	15	15	0.50	25	0.15	10	25	10	0.50	25	0.15	2			
2026CPT.03.09.20651	New Hanover	12	SR-1492 / MASONBORO LOOP RD	FROM 0.14 MI NORTH OF SR 1517 (TRAILS END RD) TO SR 1520 (GRISSOM RD) [MP 0.00 - MP 1.75]	8,10	2	2WU	1.75	24	0.00	1.75	175	45	45	1.75	90	0.45	20	90	30	1.70	90	0.45	4			
TOTAL FOR MAP NO. 12								1.75				175	45	45	1.75	90	0.45	20	90	30	1.70	90	0.45	4			
2026CPT.03.09.20651	New Hanover	13	SR-1520 / GRISSOM RD	FROM SR 1492 (MYRTLE GROVE RD) TO SR 1521 (PINER RD) [MP 0.00 - MP 0.36]	8	2	2WU	0.36	28	0.00	0.36	35	10	10	0.35	20	0.10	10	20	10	0.35	20	0.10	2			
TOTAL FOR MAP NO. 13								0.36				35	10	10	0.35	20	0.10	10	20	10	0.35	20	0.10	2			
2026CPT.03.09.20651	New Hanover	14	SR-2103 / PARMELE RD	FROM US HWY 117 (N. COLLEGE RD) TO SR 1318 (BLUE CLAY RD) [MP 0.00 - 0.48]	8	2	2WU	0.48	19	0.00	0.48	45	10	10	0.50	25	0.10	10	25	10	0.50	25	0.10	2			
TOTAL FOR MAP NO. 14								0.48				45	10	10	0.50	25	0.10	10	25	10	0.50	25	0.10	2			
2026CPT.03.09.20651	New Hanover	15	NS 98810 / DANNY PENCE DR / BUS PARKING	FROM US 117 (N COLLEGE RD) TO DEAD END / BUS PARKING (LANEY HIGH SCHOOL AND TRASK MIDDLE SCHOOL) [MP 0.00 - MP 0.22]	8	2	2WU	0.22	36	0.00	0.22	20	5	5	0.20	10	0.05	10	10	10	0.20	10	0.05	2	380		
TOTAL FOR MAP NO. 15								0.22				20	5	5	0.20	10	0.05	10	10	10	0.20	10	0.05	2	380		
TOTAL FOR PROJ NO. 2026CPT.03.09.20651								3.53				343	91	91	3.48	177	0.89	80	177	90	3.38	177	0.89	16	380		

PROJECT NO.	SHEET NO.
2026CPT.03.09.10651, ETC.	36
50975.3.33, 50975.3.40	

THERMOPLASTIC AND PAINT QUANTITIES

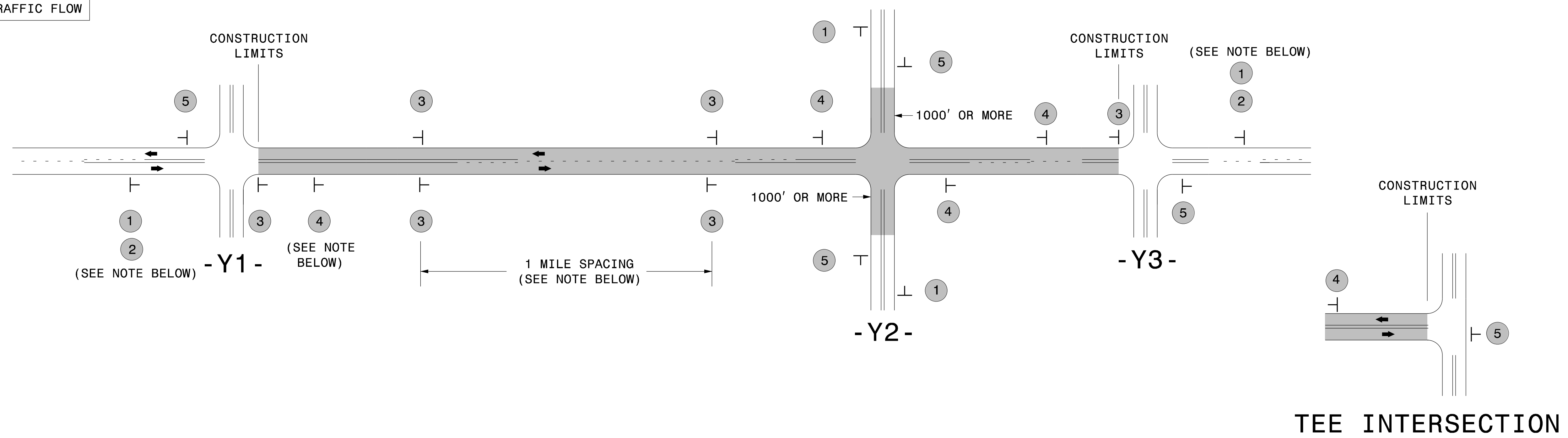
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	472500000-E				4726110000-E	4810000000-E		4835000000-E	4840000000-N	4845000000-N			4850000000-E	4891000000-E	4895000000-N	4900000000-N	
												THERMO STR ARROW (90 MIL)	THERMO LT ARROW (90 MIL)	THERMO STR & RT ARROW (90 MIL)	MERGE ARROW (90 MIL)	HEATED-IN-PLACE THERMOPLASTIC PVMT. MARKING SYMBOL	4" YELLOW PAINT	4" WHITE PAINT	24" WHITE PAINT	PAINT CHARACTER 12" TALL	PAINT LT ARROW	PAINT STR ARROW	PAINT RT ARROW	REMOVAL OF PAVEMENT MARKING LINES (4")	INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (6")	POLYCARBONATE H-SHAPED MARKERS	YELLOW & YELLOW MARKERS	
												EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
								MI	FT																			
2026CPT.03.09.20652	NewHanover	16	SR-2573 / WOODS EDGE RD	FROM NC HWY 132 (S COLLEGE RD) TO SR 1492 (MASONBORO LOOP RD) [MP 0.00 - MP 1.17]	11	2	2WU	1.17	25	0.00	1.17																	
TOTAL FOR MAP NO. 16								1.17																				
2026CPT.03.09.20652	NewHanover	17	SR-2574 / BLUE GRASS CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	18	0.00	0.03																	
TOTAL FOR MAP NO. 17								0.03																				
2026CPT.03.09.20652	NewHanover	18	SR-2575 / RANCHWOOD CT	FROM 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.03]	11	2	2WU	0.03	19	0.00	0.03																	
TOTAL FOR MAP NO. 18								0.03																				
2026CPT.03.09.20652	NewHanover	19	SR-2576 / BRENWOOD CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	11	2	2WU	0.05	18	0.00	0.05																	
TOTAL FOR MAP NO. 19								0.05																				
2026CPT.03.09.20652	NewHanover	20	SR-2577 / LADY FERN CT	FROM SR 2573 (WOODS EDGE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	11	2	2WU	0.07	18	0.00	0.07																	
TOTAL FOR MAP NO. 20								0.07																				
2026CPT.03.09.20652	NewHanover	21	SR-2579 / BERNHARDT CT	FROM END OF CUL-DE-SAC TO END OF CUL-DE-SAC [MP 0.00 - MP 0.12]	11	2	2WU	0.12	18	0.00	0.12																	
TOTAL FOR MAP NO. 21								0.12																				
2026CPT.03.09.20652	NewHanover	22	SR-2578 / WOOD RIDGE RD	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE RD) [MP 0.00 - MP 0.13]	12	2	2WU	0.13	23	0.00	0.13																	
TOTAL FOR MAP NO. 22								0.13																				
2026CPT.03.09.20652	NewHanover	23	SR-2580 / BERNHARDT CT	FROM 2579 (BERNHARDT CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.02]	11	2	2WU	0.02	18	0.00	0.02																	
TOTAL FOR MAP NO. 23								0.02																				
2026CPT.03.09.20652	NewHanover	24	SR-2582 / CHALICE LN	FROM SR 1704 (HIDDEN VALLEY RD) TO SR 2573 (WOODS EDGE RD) [MP 0.00 - MP 0.07]	12	2	2WU	0.07	23	0.00	0.07																	
TOTAL FOR MAP NO. 24								0.07																				
2026CPT.03.09.20652	NewHanover	25	SR-1721 / EMMARTS CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	12	2	2WU	0.07	27	0.00	0.07																	
TOTAL FOR MAP NO. 25								0.07																				
2026CPT.03.09.20652	NewHanover	26	SR-2535 / BRASS EAGLE CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	18	0.00	0.06																	
TOTAL FOR MAP NO. 26								0.06																				
2026CPT.03.09.20652	NewHanover	27	SR-2537 / DUCK DOWNE CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.06]	11	2	2WU	0.06	18	0.00	0.06																	
TOTAL FOR MAP NO. 27								0.06																				
2026CPT.03.09.20652	NewHanover	28	SR-2536 / CROWS NEST CT	FROM SR 1720 (WOOD DUCK CIR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.08]	11	2	2WU	0.08	18	0.00	0.08																	
TOTAL FOR MAP NO. 28								0.08																				
2026CPT.03.09.20652	NewHanover	29	SR-3120 / CRYSTAL CT	FROM SR 1706 (BRIGHTON RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	19	0.00	0.05																	
TOTAL FOR MAP NO. 29								0.05																				
2026CPT.03.09.20652	NewHanover	30	SR-1707 / CORNWALL CT	FROM SR 1706 (BRIGHTON RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	22	0.00	0.05																	
TOTAL FOR MAP NO. 30								0.05																				
2026CPT.03.09.20652	NewHanover	31	SR-1688 / SOUTHWOLD DR	FROM 1492 (MASONBORO LOOP RD) TO SR 1643 (HOUNDALD DR) [MP 0.00 - MP 0.28]	12	2	2WU	0.28	21	0.00	0.28																	
TOTAL FOR MAP NO. 31								0.28																				
2026CPT.03.09.20652	NewHanover	32	SR-1719 / COLCHESTER PL	FROM SR 1688 (SOUTHWOLD DR) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.13]	12	2	2WU	0.13	20	0.00	0.13																	
TOTAL FOR MAP NO. 32								0.13																				
2026CPT.03.09.20652	NewHanover	33	SR-2146 / RAINTREE RD	FROM SR 1345 (ALEXANDER RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.29]	12	2	2WU	0.29	20	0.00	0.29																	
TOTAL FOR MAP NO. 33								0.29																				
2026CPT.03.09.20652	NewHanover	34	SR-2147 / PENCADE RD	FROM SR 2146 (RAINTREE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	12	2	2WU	0.12	21	0.00	0.12																	
TOTAL FOR MAP NO. 34								0.12																				
2026CPT.03.09.20652	NewHanover	35	SR-2635 / ELMHURST RD	FROM SR 2191 (BEAWOOD RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.08]	12	2	2WU	0.08	21	0.00	0.08																	
TOTAL FOR MAP NO. 35								0.08																				
2026CPT.03.09.20652	NewHanover	36	SR-2638 / HAZELTON CT	FROM SR 2146 (RAINTREE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.07]	12	2	2WU	0.07	21	0.00	0.07																	
TOTAL FOR MAP NO. 36								0.07																				
2026CPT.03.09.20652	NewHanover	37	SR-2856 / SANSBERRY CT	FROM SR 2146 (RAINTREE RD) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.05]	12	2	2WU	0.05	22	0.00	0.05																	
TOTAL FOR MAP NO. 37								0.05																				
2026CPT.03.09.20652	NewHanover	38	SR-2631 / SHEFFIELD CT	FROM SR 2632 (WILLIAMSBURG CT) TO END OF CUL-DE-SAC [MP 0.00 - MP 0.19]	11	2	2WU	0.19	24	0.00	0.19																	
TOTAL FOR MAP NO. 38								0.19																				
2026CPT.03.09.20652	NewHanover	39	SR-2632 / WILLIAMSBURG CT	FROM END OF CUL-DE-SAC TO END OF CUL-DE-SAC [MP 0.00 - MP 0.32]	11	2	2WU	0.32	19	0.00	0.32																	
TOTAL FOR MAP NO. 39								0.32																				

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	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:

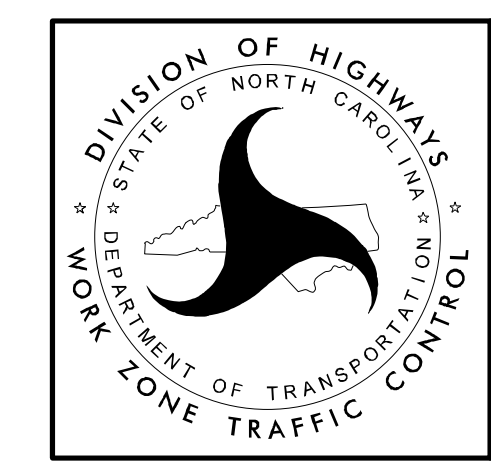
- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

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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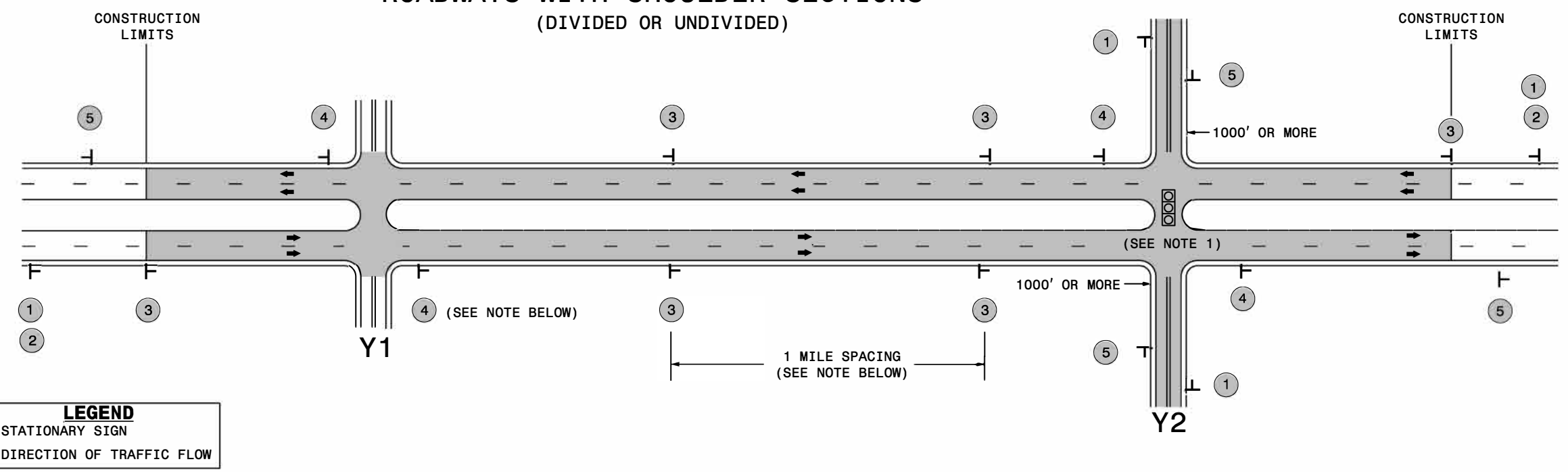
MAPS LESS THAN 2 MILES

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

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



LEGEND
 T STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

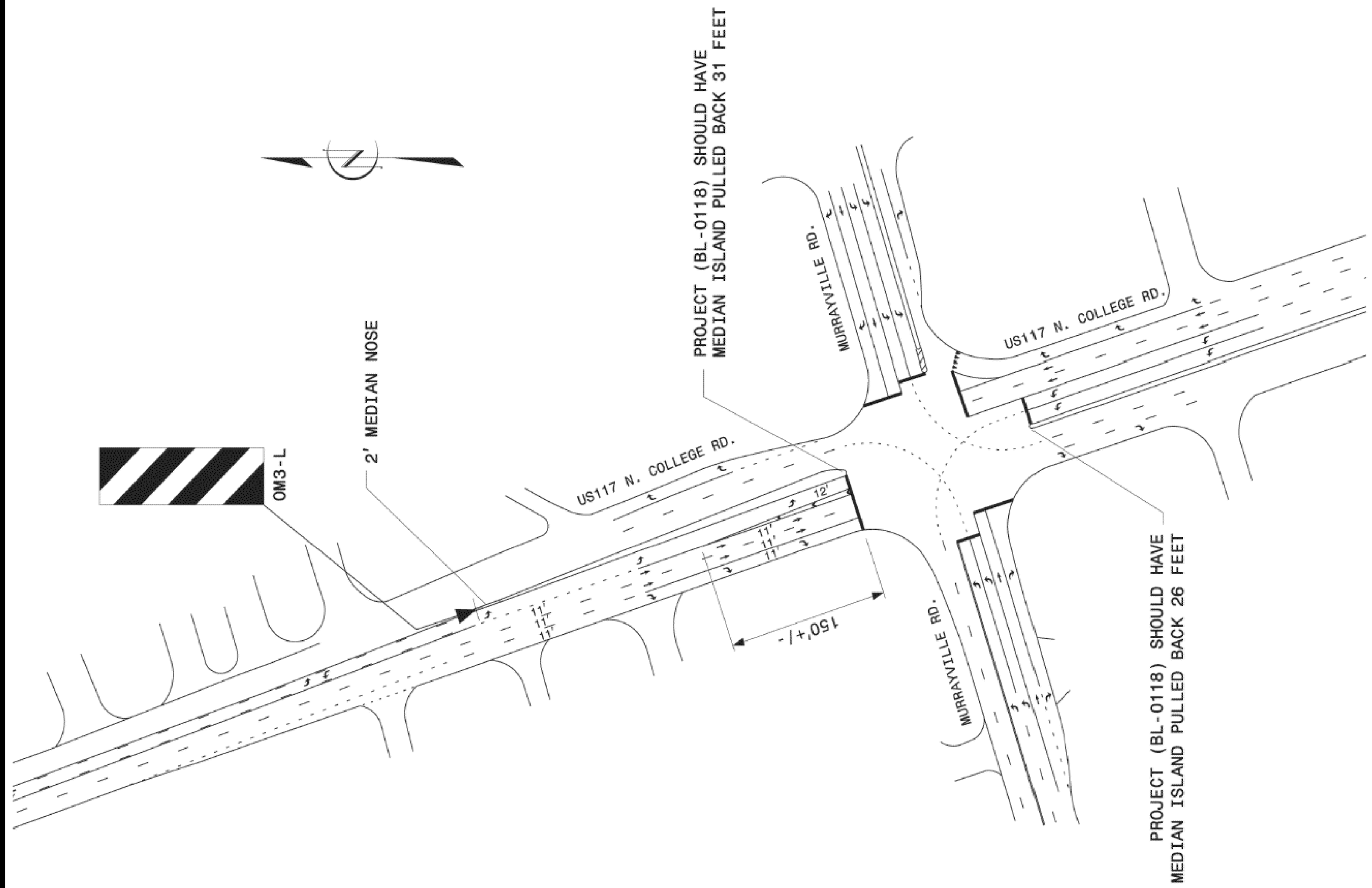
SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<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, ADVANCE WARNING PORTABLE 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; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 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.
		<p>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.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

**RESURFACING
 ADVANCE WARNING SIGNS
 FOR RURAL AND SUBURBAN
 MULTI-LANE ROADWAYS
 W/ SHOULDER SECTIONS
 (DIVIDED OR UNDIVIDED)**

2/24/2014 S:\TMU\WZTC\Resurf-facng\2013Resurf-facng\New_Procedures_05_09_2013\Resurf-facng_AdvWarn_Ur-Su_Shldr.dgn User:rmgarr

COLLEGE RD @ MURRAYVILLE
PAVEMENT MARKINGS DETAIL

8/17/99
REVISIONS
\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DNDN\$\$\$\$\$
\$\$\$\$\$NAME\$\$\$\$\$



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

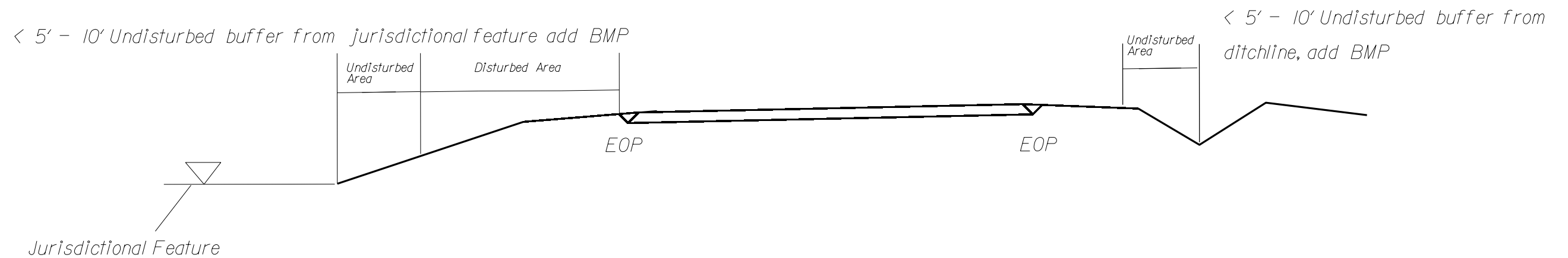
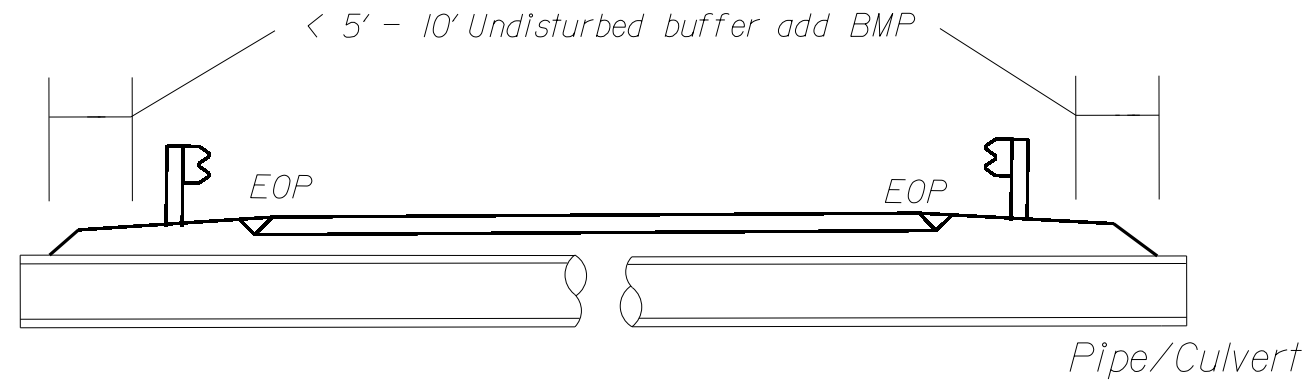
SOIL STABILIZATION TIMEFRAMES

<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

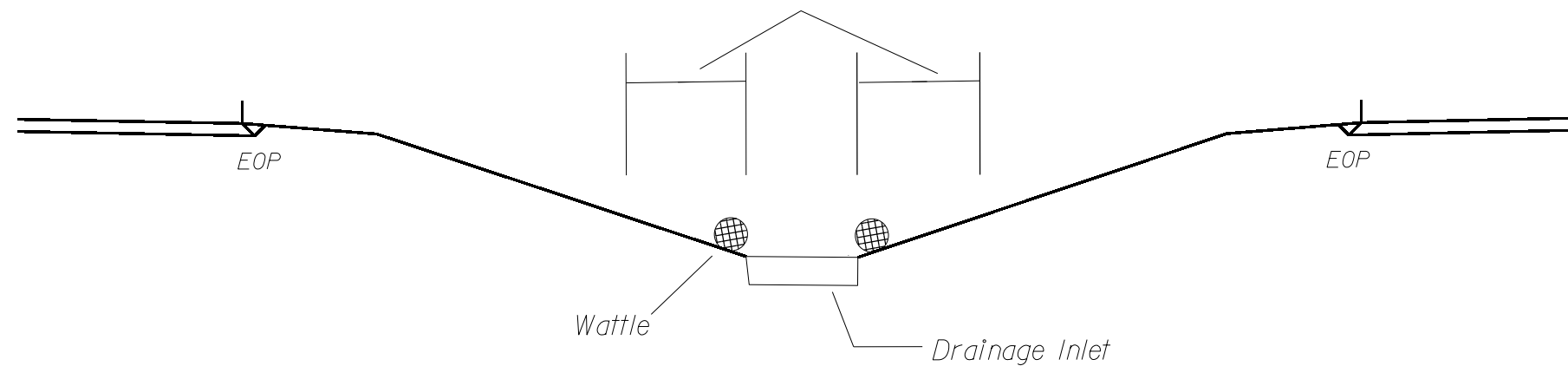
EROSION CONTROL DETAIL



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

