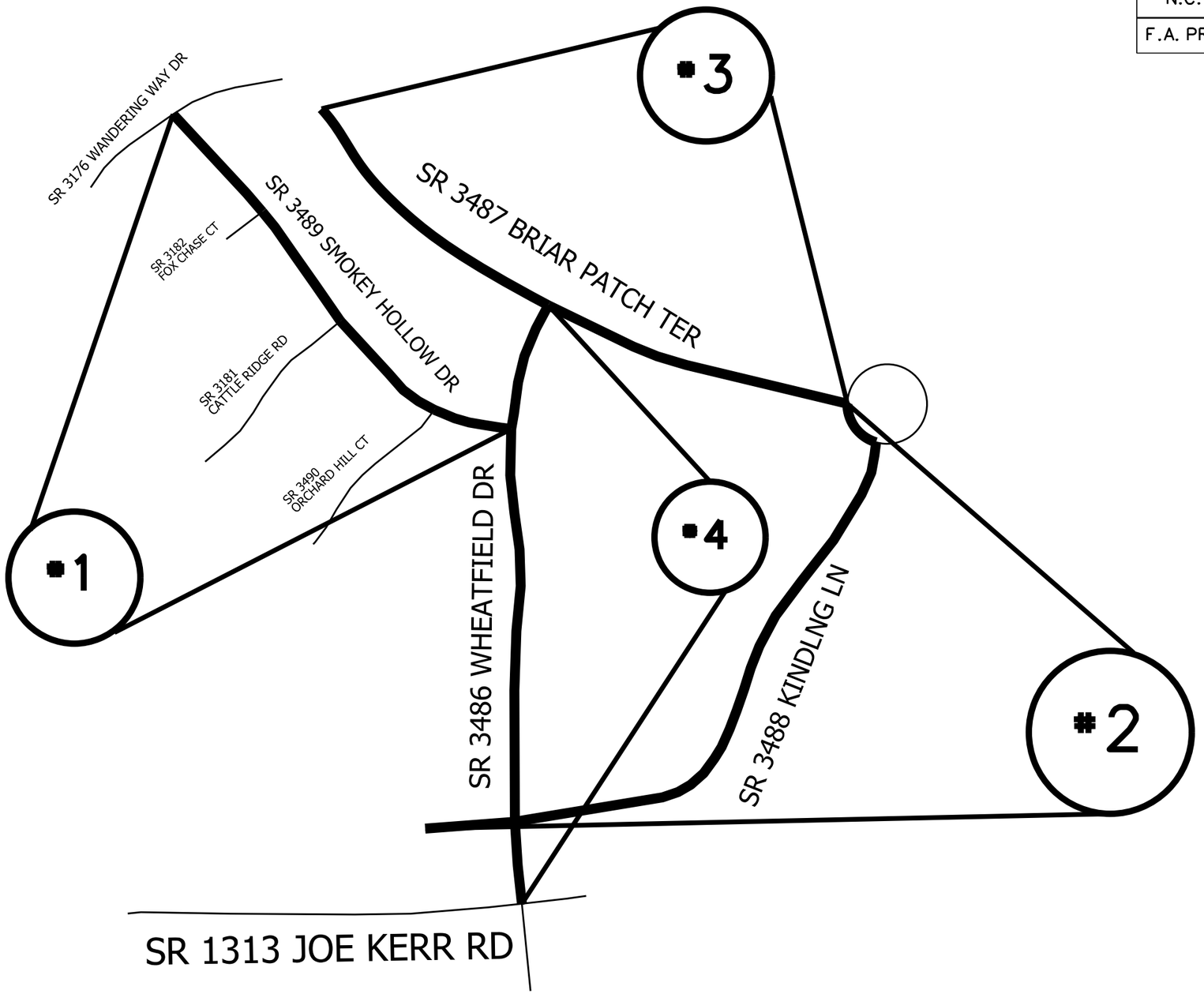
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	1	
F.A. PROJECT NO.			



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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

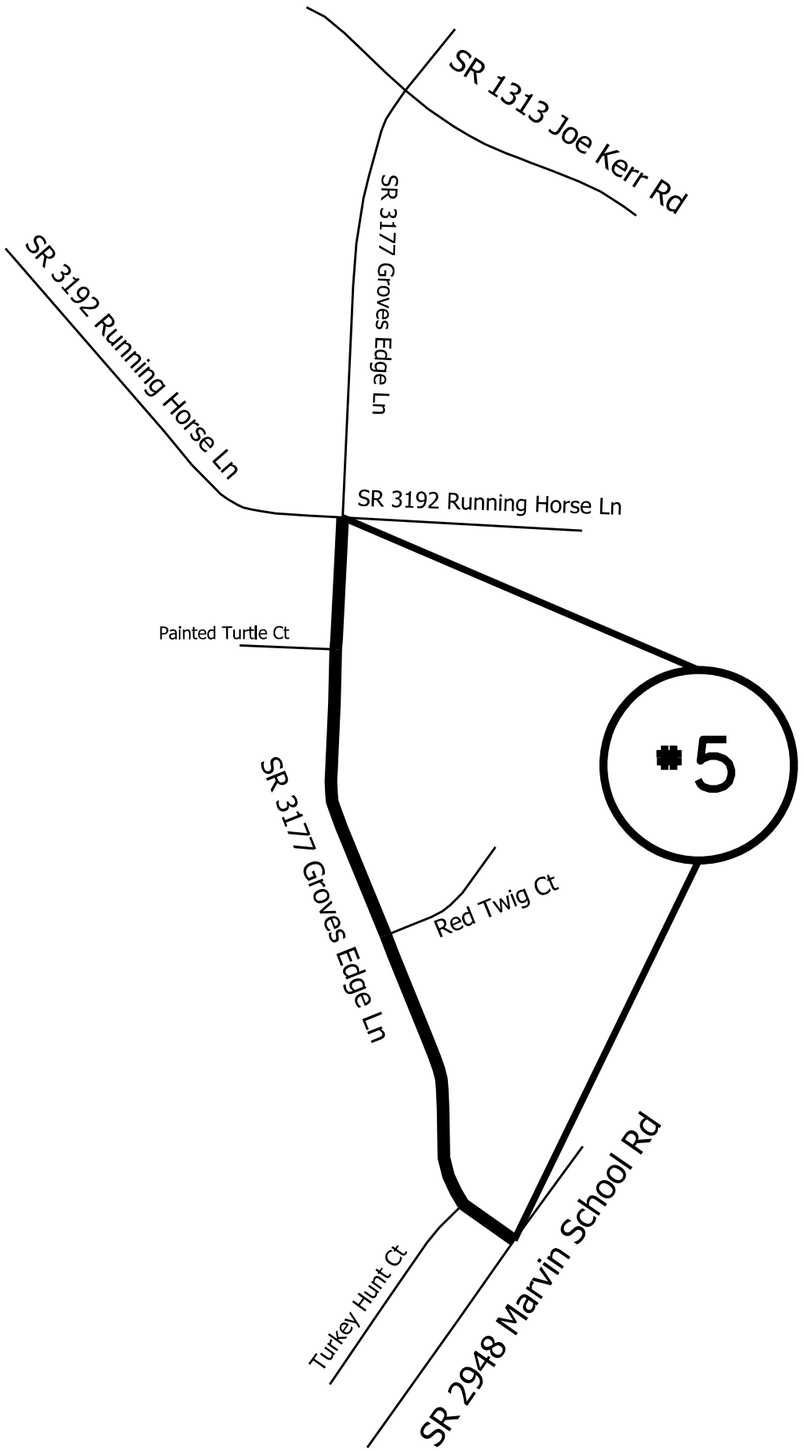
MAP #1 SR 3489 SMOKEY HOLLOW DR
.30 MILES
FROM SR 3486 WHEATFIELD DR
TO SR 3176 WANDERING WAY

MAP #2 SR 3488 KINDLING WOOD LN
.43 MILES
FROM SR 3487 BRIAR PATCH TERRACE
TO END OF MAINTENANCE

MAP #3 SR 3487 BRIAR PATCH TERRACE
.40 MILES
FROM SR 3488 KINDLING WOOD LN
TO END OF MAINTENANCE

MAP #4 SR 3486 WHEATFIELD DR
.38 MILES
FROM SR 1313 JOE KERR RD
TO SR 3487 BRIAR PATCH TERRACE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	2	
F.A. PROJECT NO.			



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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

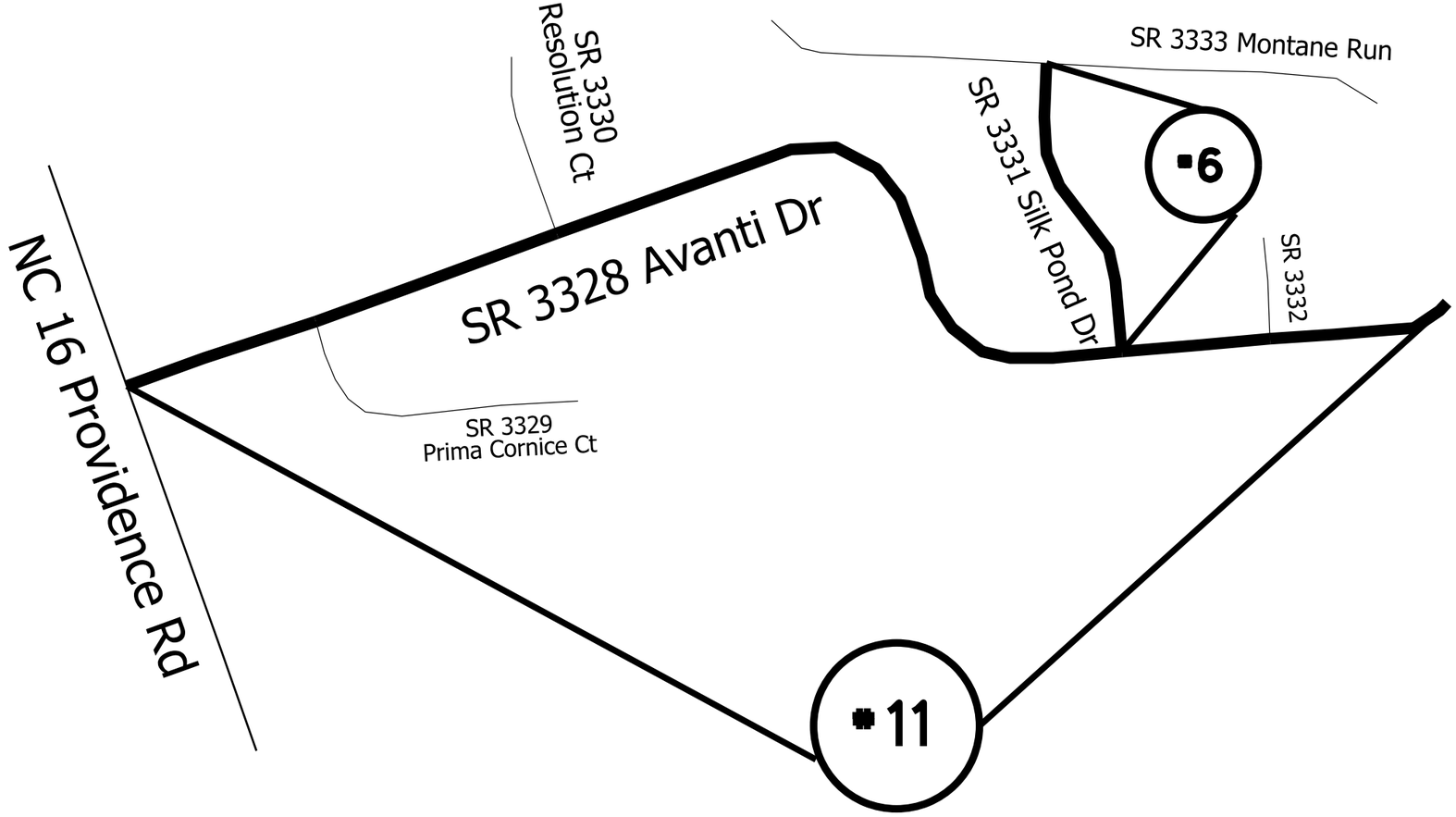
NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #5 SR 3177 GROVES EDGE LN
.56 MILES
FROM SR 2948 MARVIN SCHOOL RD
TO SR 3816 RUNNING HORSE LN

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	3	
F.A. PROJECT NO.			



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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

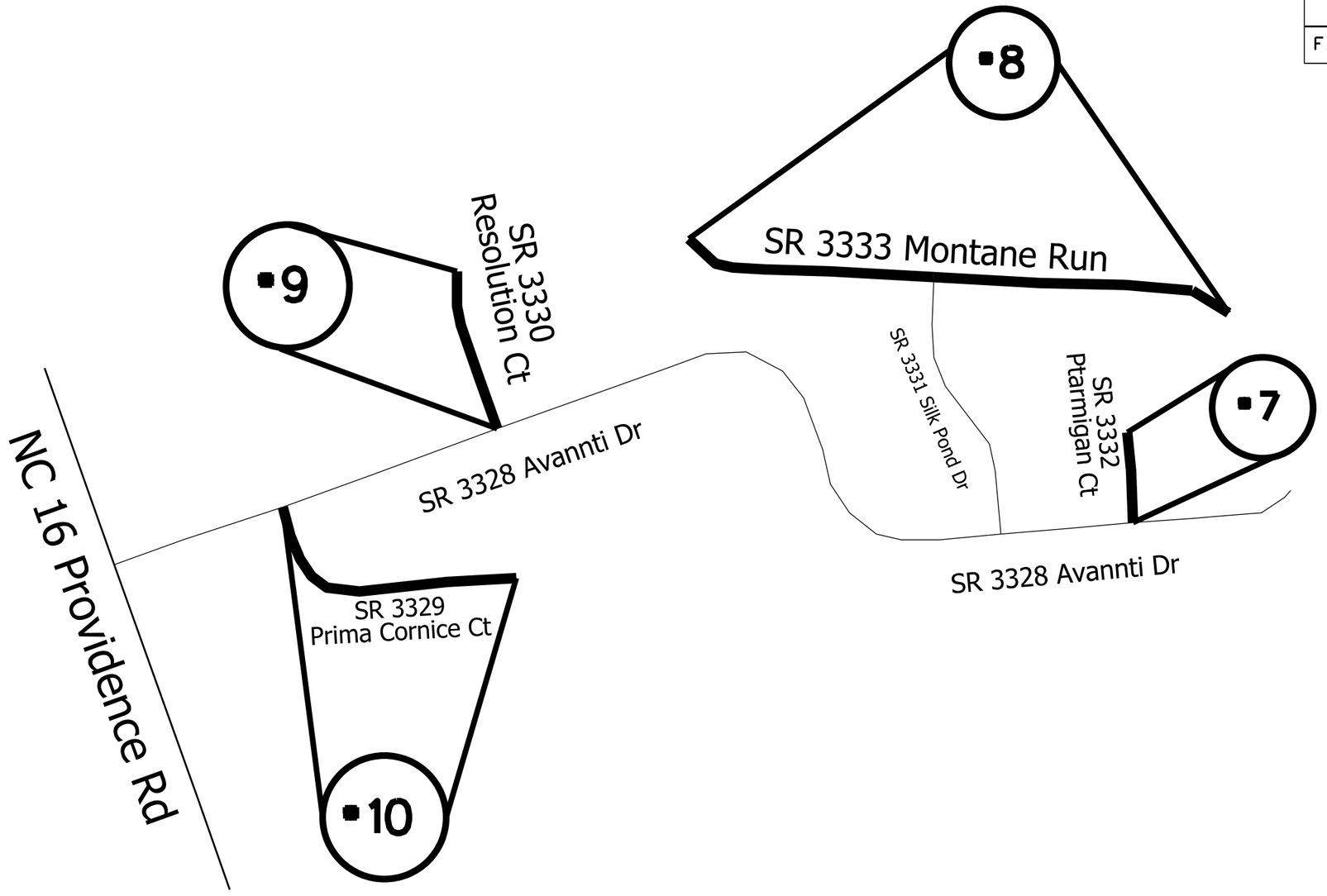
PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #6 SR 3331 SILK POND DR
.13 MILES
FROM SR 3328 AVANTI DR
TO END OF MAINTENANCE

MAP #11 SR 3328 AVANTI DR
.66 MILES
FROM NC 16
TO END OF MAINTENANCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	4	
F.A. PROJECT NO.			



N

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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

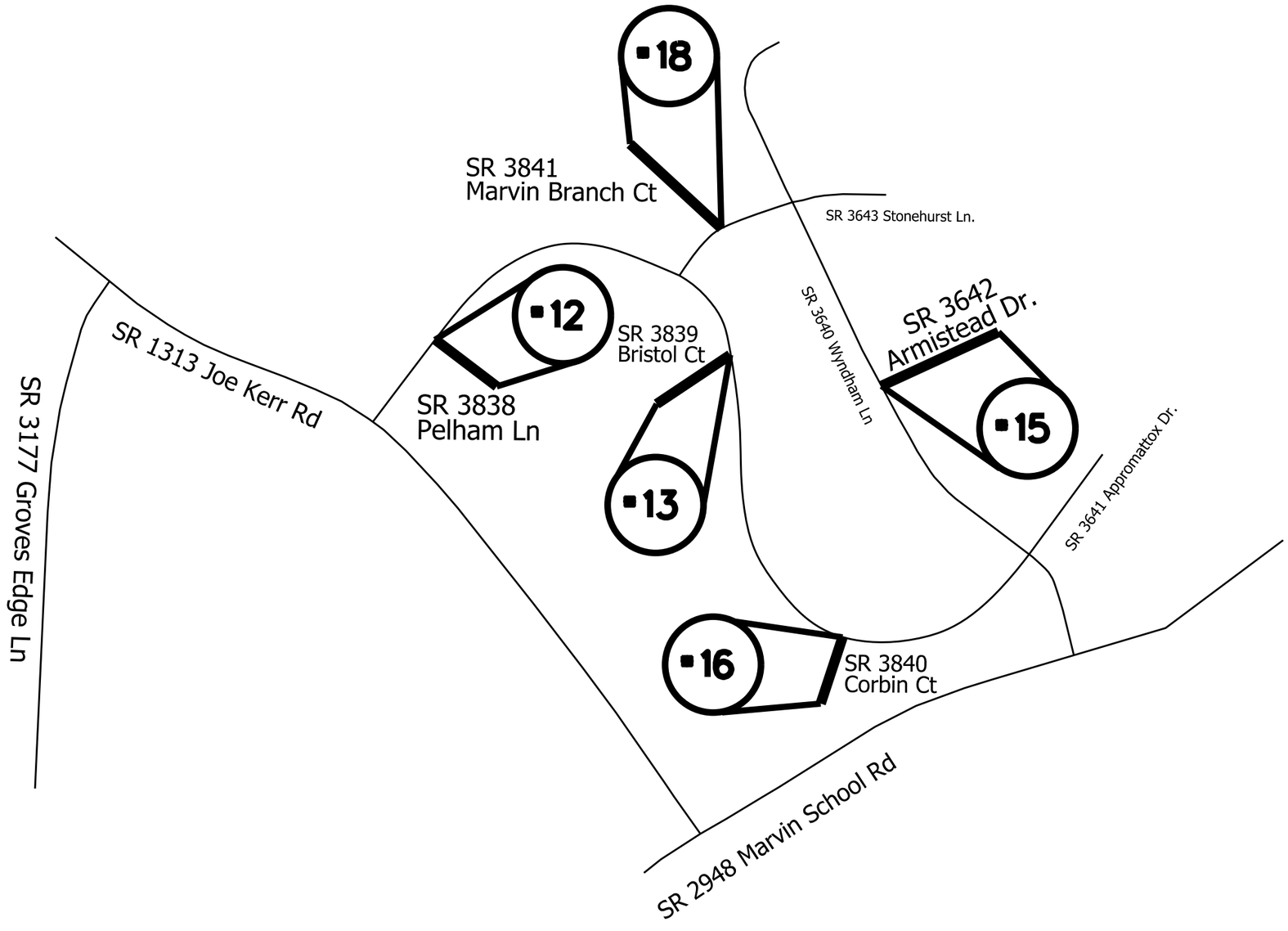
MAP #7 SR 3332 PTARMIGAN CT
.Ø4 MILES
FROM SR 3328 AVANTI DR
TO END OF MAINTENANCE

MAP #8 SR 3333 MONTANE RUN CT
.26 MILES
FROM END ON MAINTENCE
TO END OF MAINTENANCE

MAP #9 SR 333Ø RESOLUTION CT
.Ø8 MILES
FROM END OF MAINTENANCE
TO END OF MAINTENANCE

MAP #1Ø SR 3329 PRIMA CORNICE CT
.15 MILES
FROM SR 3328 AVANTI DR
TO END OF MAINTENANCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	5	
F.A. PROJECT NO.			



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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #12 SR 3838 PELHAM LN
.04 MILES
FROM SR 3641 APPOMATOX DR
TO END OF MAINTENANCE

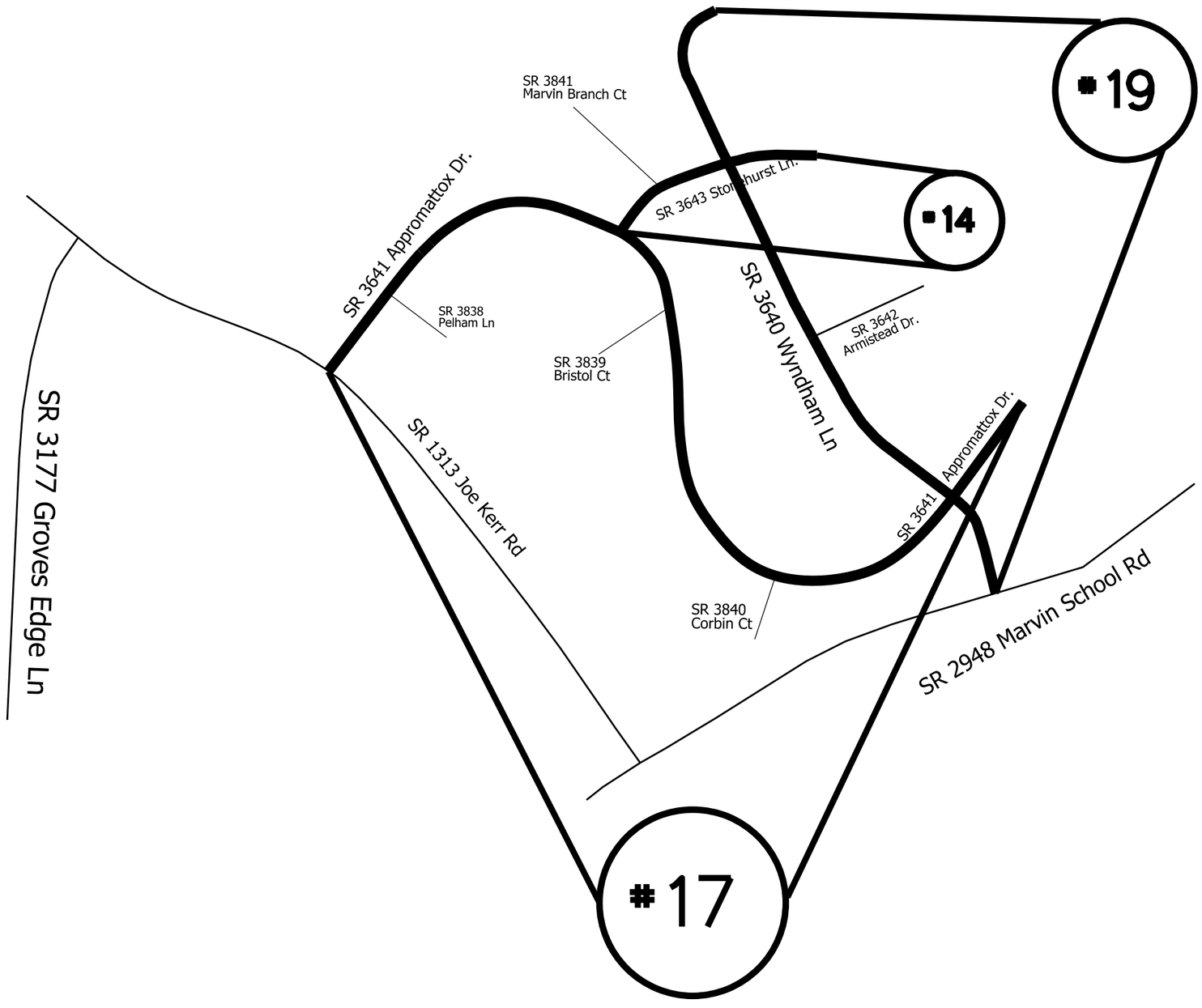
MAP #13 SR 3839 BRISTOL CT
.04 MILES
FROM SR 3641 APPOMATOX DR
TO END OF MAINTENANCE

MAP #15 SR 3642 ARMISTEAD CT
.07 MILES
FROM SR 3640 WYNDHAM LN
TO END OF MAINTENANCE

MAP #16 SR 3840 CORBIN CT
.03 MILES
FROM SR 3641 APPOMATOX DR
TO END OF MAINTENANCE

MAP #18 SR 3841 MARVIN BRANCH CT
.05 MILES
FROM SR 3643 STONEHURST LN
TO END OF MAINTENANCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	6	
F.A. PROJECT NO.			



N

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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

PREPARED BY THE

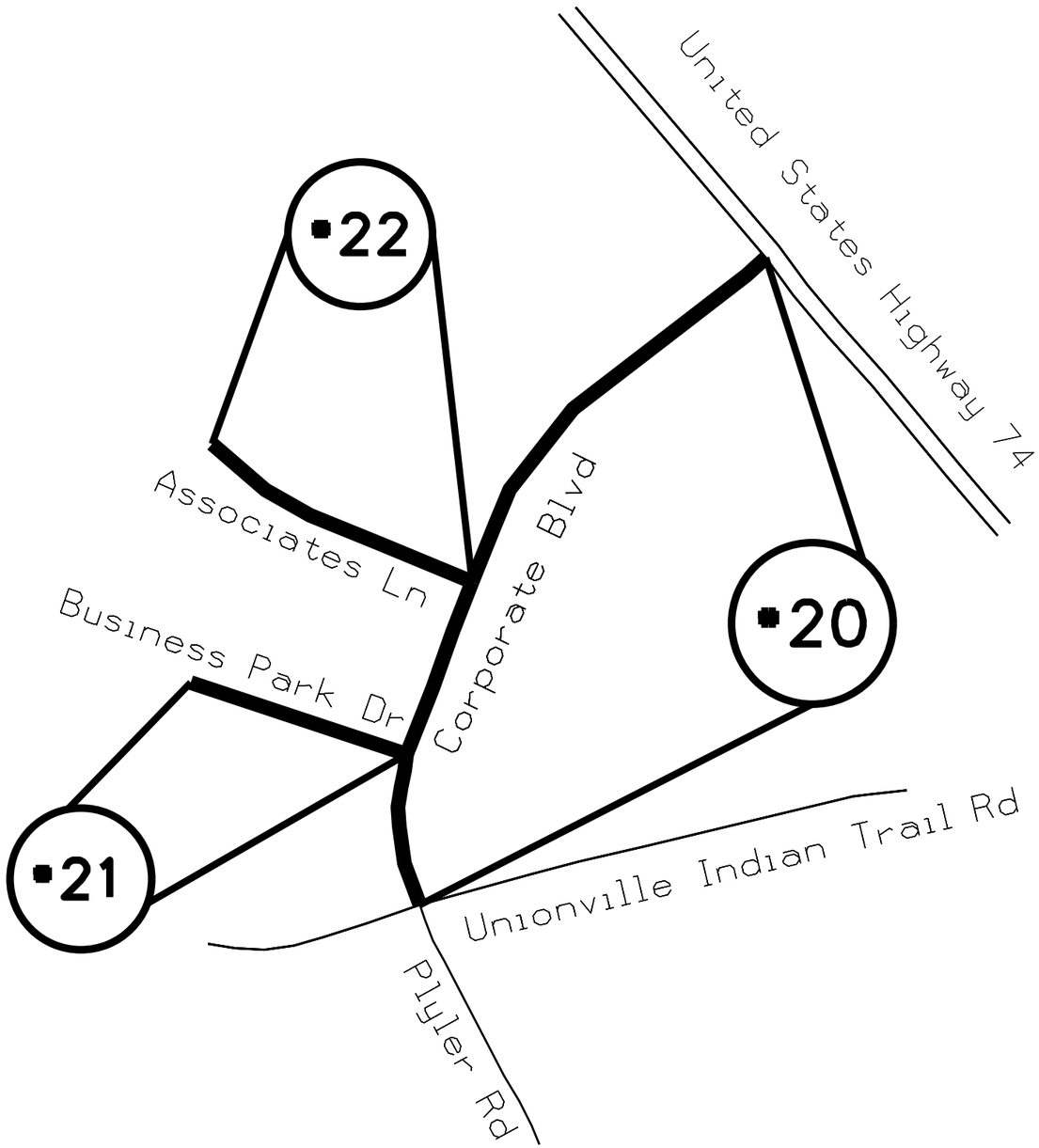
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #14 SR 3643 STONEHURST LN
.18 MILES
FROM SR 3641 APPOMATOX DR
TO END OF MAINTENANCE

MAP #17 SR 3641 APPOMATOX DR
.62 MILES
FROM SR 1313 JOE KERR RD
TO END OF MAINTENANCE

MAP #19 SR 3640 WYNDHAM LN
.44 MILES
FROM SR 2948 MARVIN SCHOOL RD
TO END OF MAINTENANCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	7	
F.A. PROJECT NO.			



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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

PREPARED BY THE

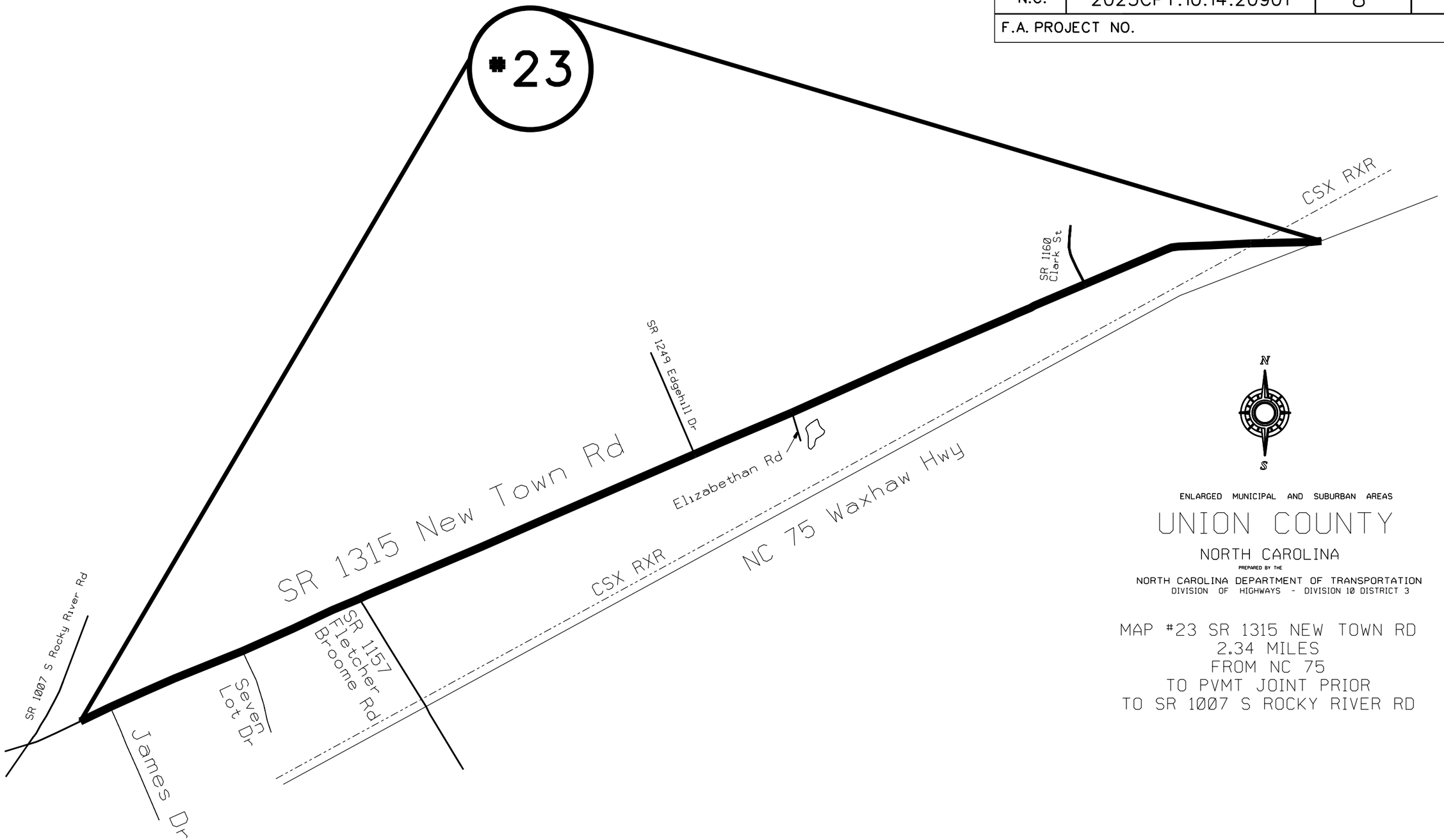
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #20 SR 2649 CORPORATE BLVD
.38 MILES
FROM US 74
TO SR 1367 UNIONVILLE INDIAN TRAIL RD

MAP #21 SR 2650 BUSINESS PARD DR
.13 MILES
FROM SR 2649 CORPORATE BLVD
TO END OF MAINTENANCE

MAP #22 SR 2651 ASSOCIATES DR
.10 MILES
FROM SR 2649 CORPORATE BLVD
TO END OF MAINTENANCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	8	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

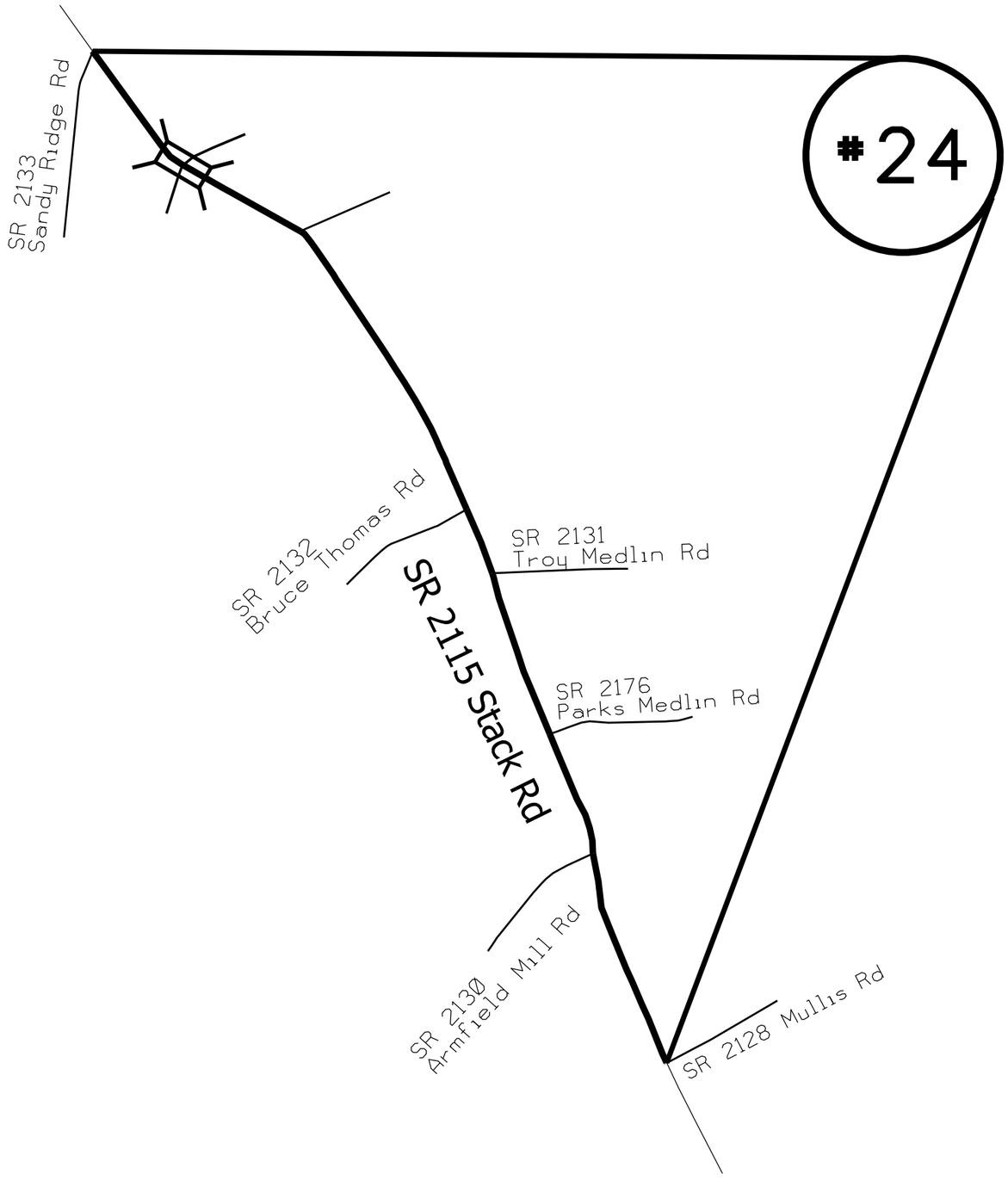
PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #23 SR 1315 NEW TOWN RD
2.34 MILES
FROM NC 75
TO PVMT JOINT PRIOR
TO SR 1007 S ROCKY RIVER RD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	9	
F.A. PROJECT NO.			



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ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

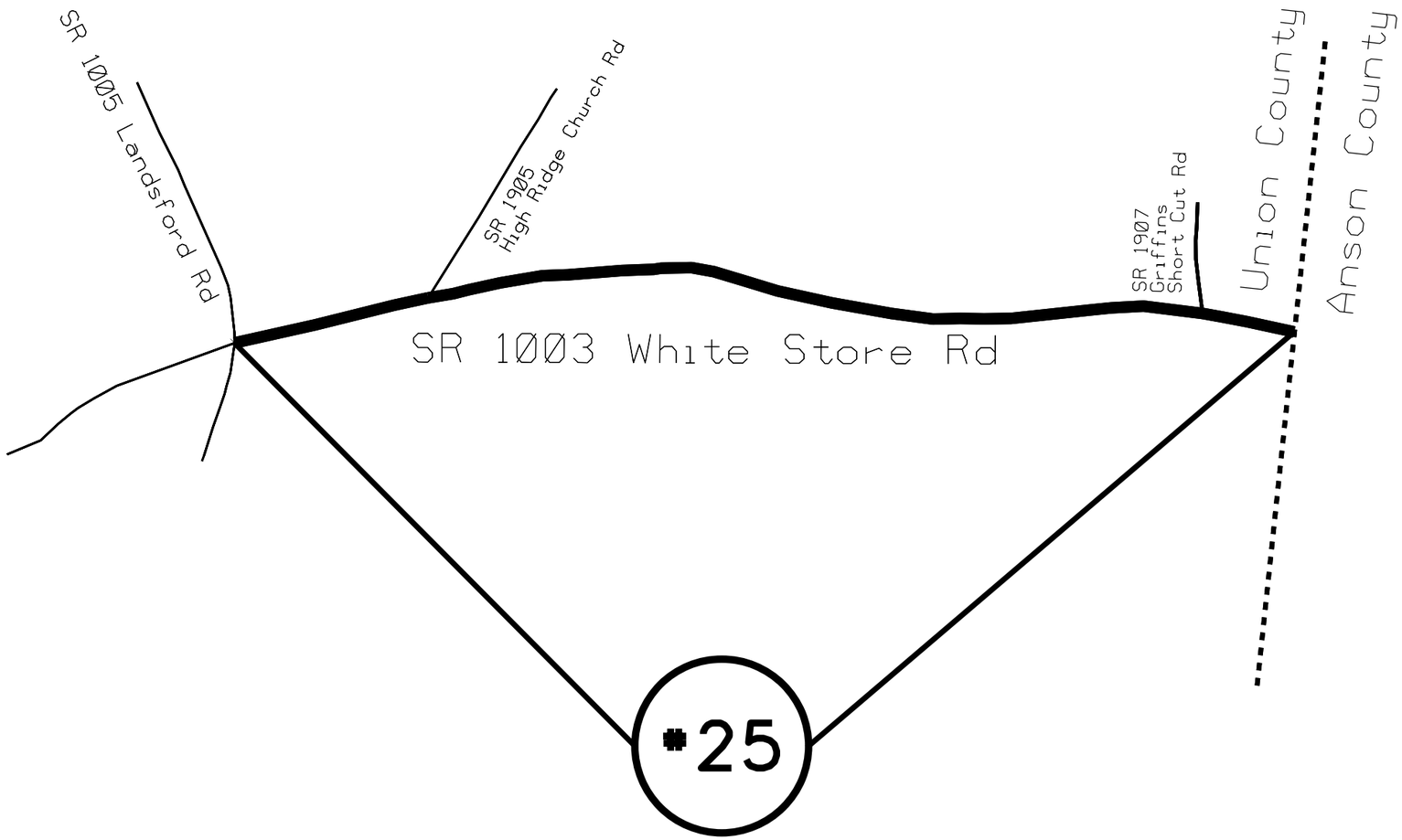
NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #24 SR 2115 STACK RD
2.67 MILES
FROM SR 2128 MULLIS RD
PAST SR 2133 SANDY RIDGE RD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	10	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

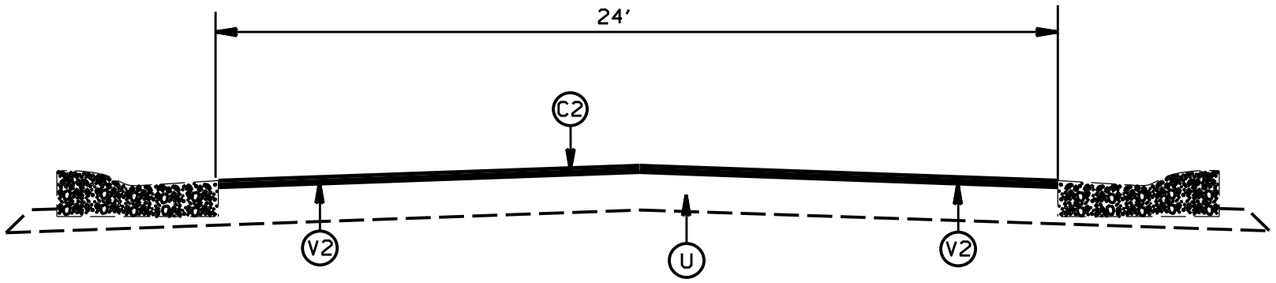
PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

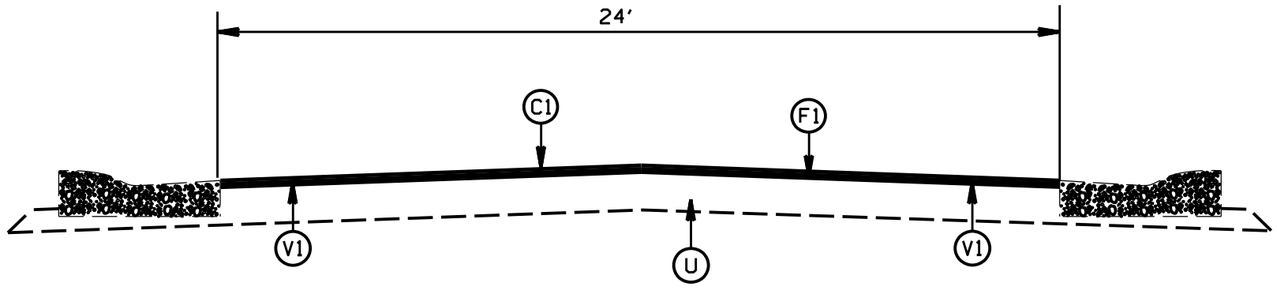
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #25 SR 1003 WHITE STORE RD
1.02 MILES
FROM PVMT JOINT SR 1005 LANDSFORD RD
TO ANSON COUNTY LINE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	11	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1
SR 3489 SMOKEY HOLLOW DR (MAP 1)
SR 3488 KINDLING WOOD LN (MAP 2)
SR 3487 BRIAR PATCH TERRACE (MAP 3)
SR 3486 WHEATFIELD DR (MAP 4)
SR 3177 GROVES EDGE LN (MAP 5)
SR 3331 SILK POND DR (MAP 6)
SR 3332 PTARMIGAN CT (MAP 7)
SR 3333 MONTANE RUN CT (MAP 8)
SR 3330 RESOLUTION CT (MAP 9)
SR 3329 PRIMA CORNICE CT (MAP 10)
SR 3328 AVANTI DR (MAP 11)



TYPICAL SECTION NO. 2
SR 3838 PELHAM LN (MAP 12)
SR 3839 BRISTOL CT (MAP 13)
SR 3643 STONEHURST LN (MAP 14)
SR 3840 CORBIN CT (MAP 16)
SR 3641 APPOMATOX DR (MAP 17)
SR 3841 MARVIN BRANCH CT (MAP 18)
SR 3640 WYNDHAM LN (MAP 19)

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, MAT COAT #78M
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.0" DEPTH.
V2	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.5" DEPTH.
V3	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.

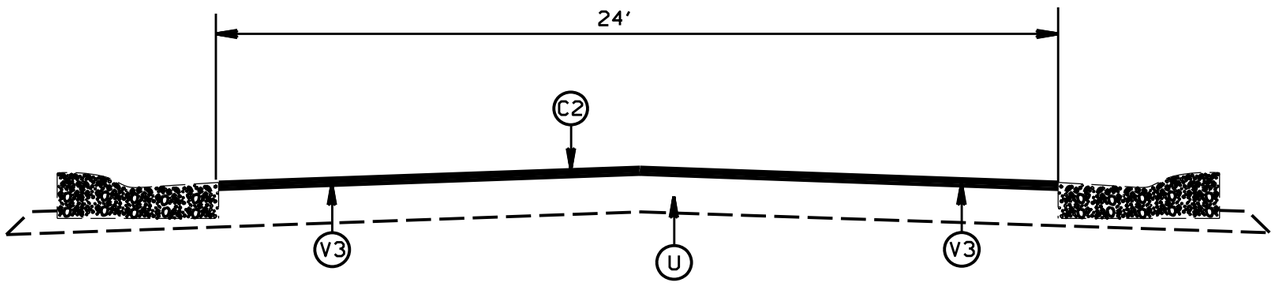
2025
UNION COUNTY RESURFACING

SCALE	-NA-
DATE	11/23
DWG. BY	AJB
DESIGN BY	AJB
APPROVED	CLA

DIVISION OF HIGHWAYS

REVISIONS	

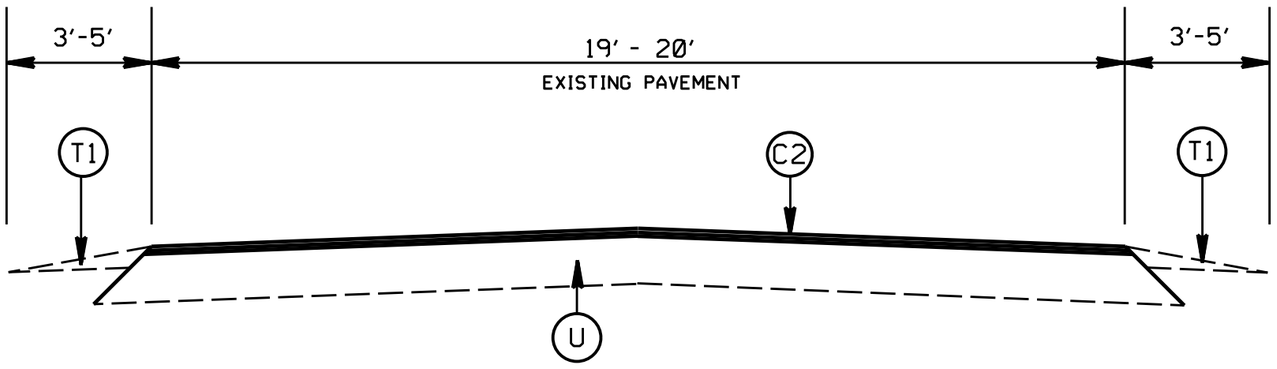
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	12	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 3
SR 2649 CORPORATE BLVD (MAP 20)
SR 2650 BUSINESS PARK DR (MAP 21)
SR 2651 ASSOCIATES LN (MAP 22)

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, MAT COAT #78M
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.0" DEPTH.
V2	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.5" DEPTH.
V3	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.

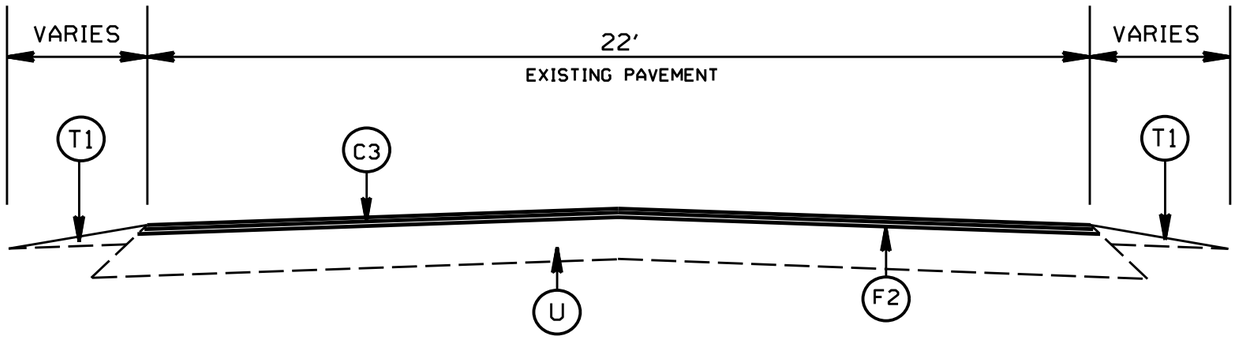


TYPICAL SECTION NO. 4
SR 1315 NEW TOWN RD (MAP 23)
SR 1003 WHITE STORE RD (MAP 25)

2025
UNION COUNTY RESURFACING

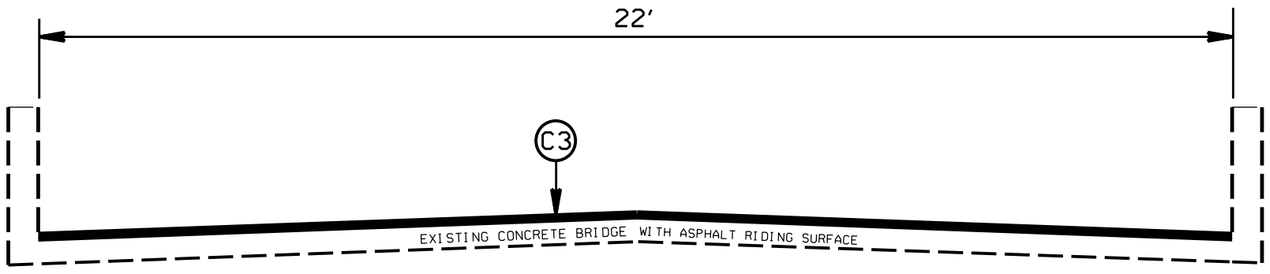
		REVISIONS	
SCALE	-NA-		
DATE	11/23		
DWG. BY	AJB		
DESIGN BY	AJB		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	13	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 5

SR 2115 STACK RD (MAP 24)
APPROX STA 10+00 TO 132+77
APPROX STA 133+12 TO 150+98



TYPICAL SECTION NO. 6

SR 2115 STACK RD (MAP 24)
APPROX STA 132+77 TO 133+12
NO #78M MAT COAT ON BRIDGE
ASPHALT OVERLAY ONLY

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, MAT COAT #78M
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.0" DEPTH.
V2	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.5" DEPTH.
V3	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.

2025
UNION COUNTY RESURFACING

SCALE	-NA-
DATE	11/23
DWG. BY	AJB
DESIGN BY	AJB
APPROVED	CLA

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	14	
F.A. PROJECT NO.			

NOTES:

1. DEPTH OF PATCHING WILL BE AS DIRECTED BY THE ENGINEER.

2. SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER.

3. DO NOT REMOVE OR DAMAGE THE EXISTING SPEED CUSHIONS ON MAPS 2,4, AND 5. PROTECT EXISTING PVMT MARKIGS ON THE CUSHIONS DURING RESURFACING OPERATIONS, ANY DAMAGE TO THE CUSHIONS OR MARKINGS WILL BE REPLACE/REPAIRED AT THE CONTRACTORS EXPENSE. MILL AS NEEDED TO PROVIDE A SMOOTH TRANSITIION TO TIE THE ASPHALT OVERLAY TO THE SPEED CUSHION.

4. INSTALL WCR ON MAP 2 (KINDLING WOOD LN) AT THE EXISITNG CROSSWALK, WHERE MAP 1 (BRIAR PATCH TERRACE) AND KINDLING WOOD CONNECT.

5. RETROFIT EXISITNG CURB RAMPS ON MAPS 7,8,9,10, AND 11.

6. REMOVE AND REPLACE CURB AS IDENTIFIED BY THE ENGINEER ON MAPS 20, 21, AND 22.

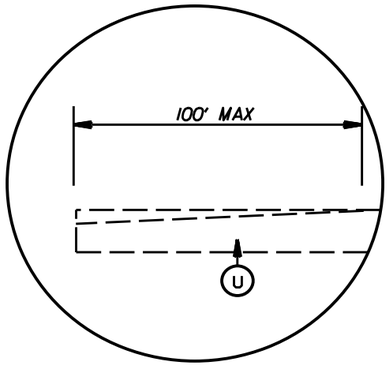
7. MAP 24 (STACK RD), DO NOT PLACE #78 MAT COAT ON THE BRIDGE. CONTRACTOR WILL NEED TO STOP PLACEMENT OF THE MAT COAT IN A MANNER TO PROVIDE A SMOOTH TRANSITION FOR THE ASPHALT OVERLAY ACROSS THE BRIDGE.

2025
UNION COUNTY RESURFACING

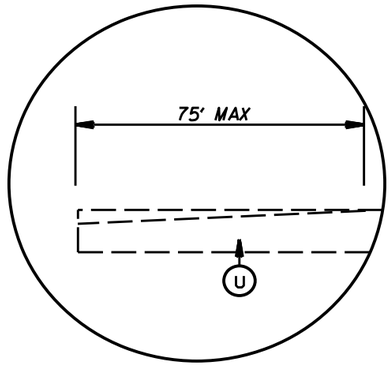
SCALE	-NA-
DATE	01/20
DWG. BY	AMO
DESIGN BY	AMO
APPROVED	CLA

REVISIONS	

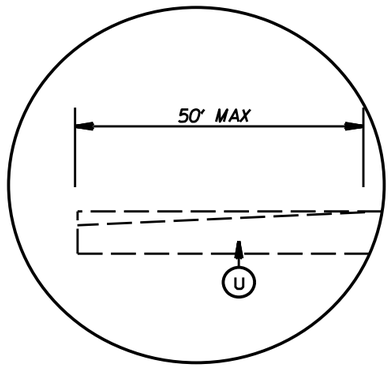
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	15	



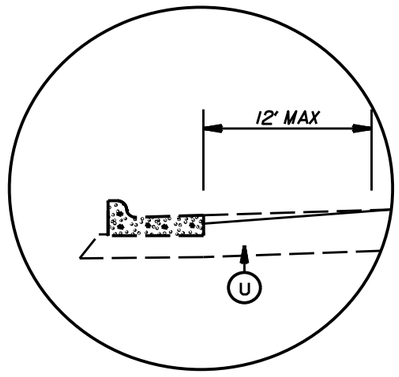
DETAIL FOR INCIDENTAL MILLING (0" TO 2.0")



DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")



DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")

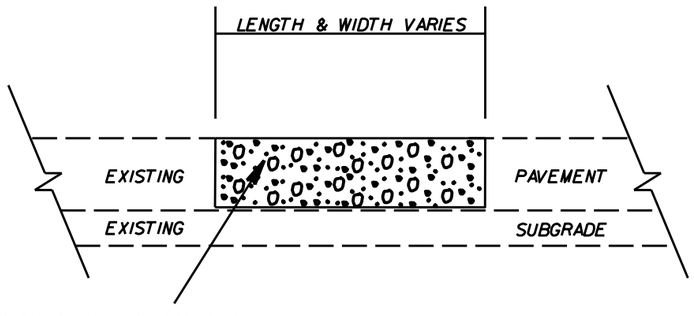


DETAIL FOR PROFILE MILLING

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, MAT COAT #78M
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.0" DEPTH.
V2	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.5" DEPTH.
V3	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.

PATCHING DETAIL



RATE IS VARIABLE AND SHALL BE
AS DIRECTED BY THE ENGINEER.
ASPHALT TYPE 119.0C SHALL BE PLACED.

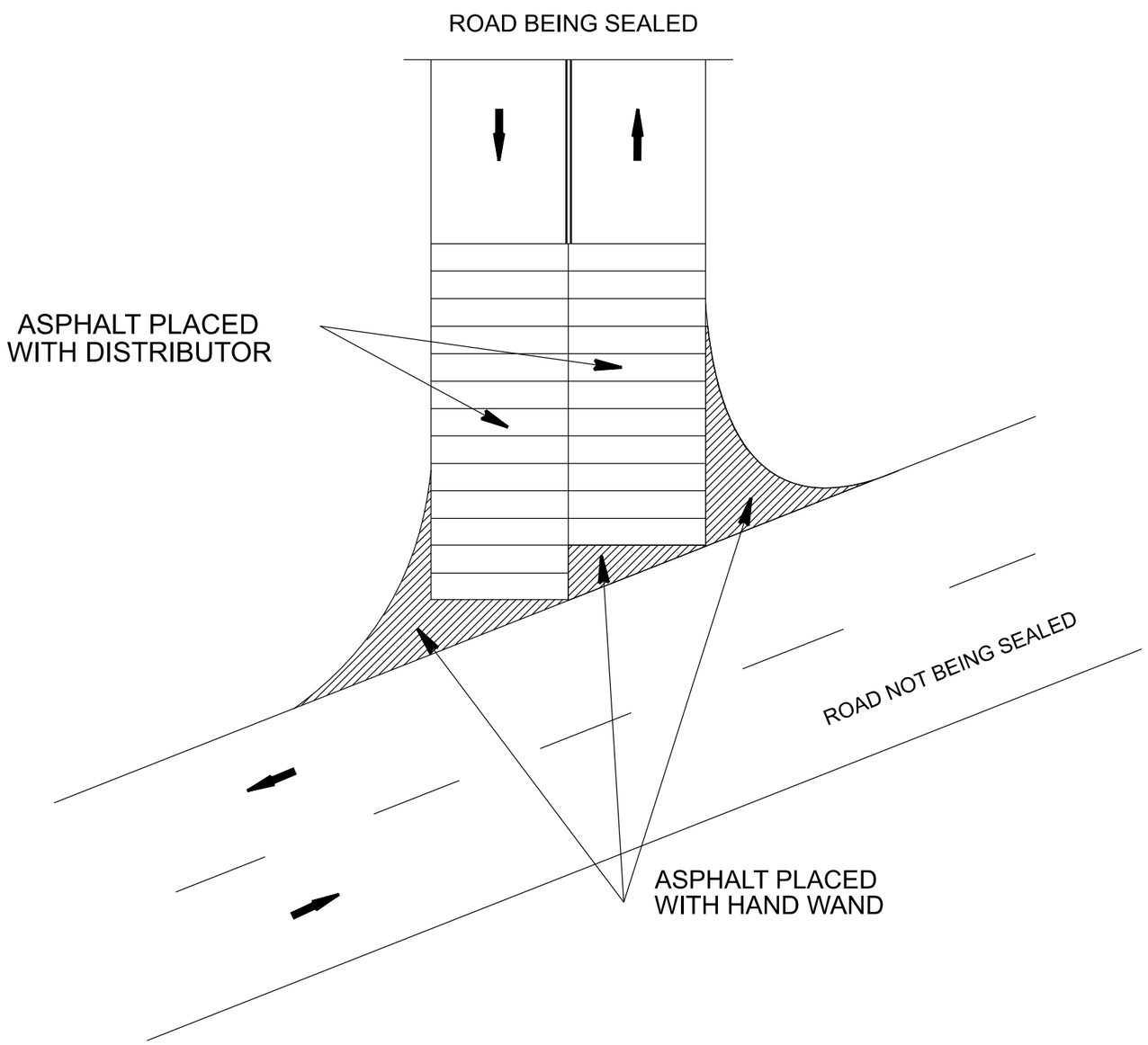
2025
UNION COUNTY RESURFACING

SCALE	-NA-
DATE	1/20
DWG. BY	AMD
DESIGN BY	AMD
APPROVED	CLA

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	16	
F.A. PROJECT NO.			

INTERSECTION EMULSION PLACEMENT
TWO LANE TWO WAY ROADWAY



LEGEND

- DIRECTION OF TRAFFIC FLOW
- SKIP LINES
- DOUBLE YELLOW LINES

INTERSECTION EMULSION PLACEMENT

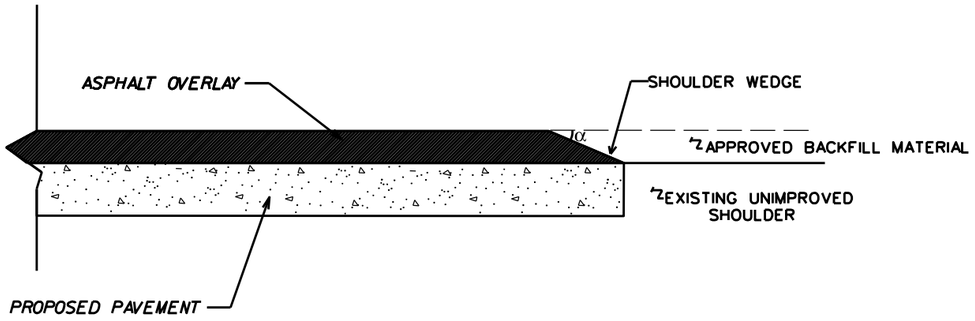
SCALE	-NA-
DATE	9/19
DWG. BY	TBL
DESIGN BY	TBL
APPROVED	TWB

DIVISION OF HIGHWAYS

REVISIONS	

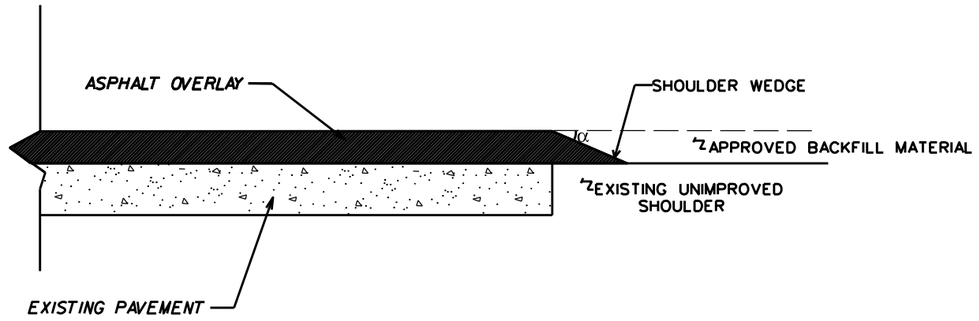
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	17	
F.A. PROJECT NO.			

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 AND SIDE STREETS.



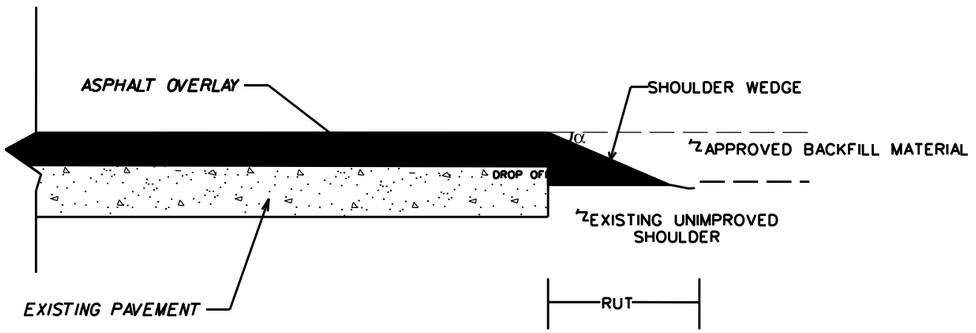
SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ WIDENING OR WITH EXISTING PAVED SHOILDER HAVING NO DROPOFFS)



SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ NO WIDENING)



SHOULDER WEDGE DETAIL

(RESURFACING ADJACENT TO RUTTED SHOULDER)

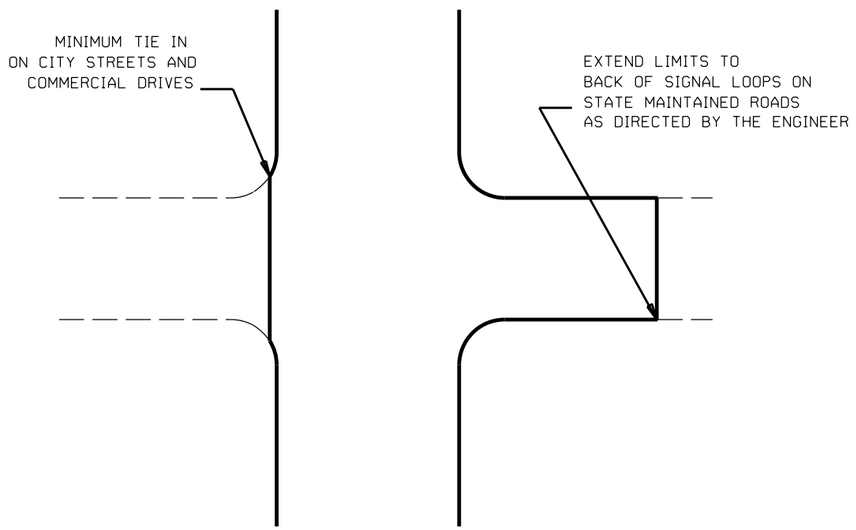
α = 30 DEGREES

SHOULDER WEDGE DETAILS

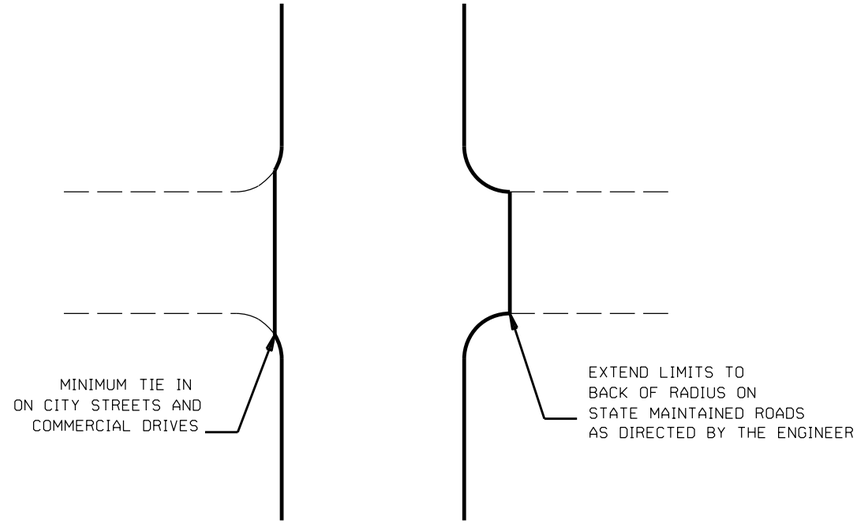
SCALE	-NA-
DATE	08/18
DWG. BY	AMO
DESIGN BY	AMO
APPROVED	CLA

REVISIONS	

PROJECT REFERENCE NO.	SHEET NO.
CPT2025.10.14.20901	INT TYP 1



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

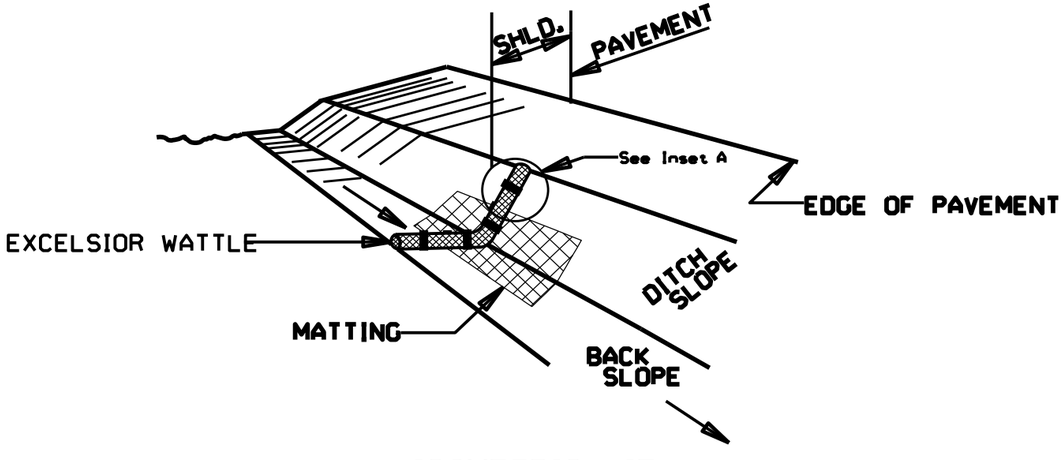
ADDITIONAL INTERSECTIONS (NON-TYPICAL)

Extend paving limits to back of radius
or loop on the following intersections:

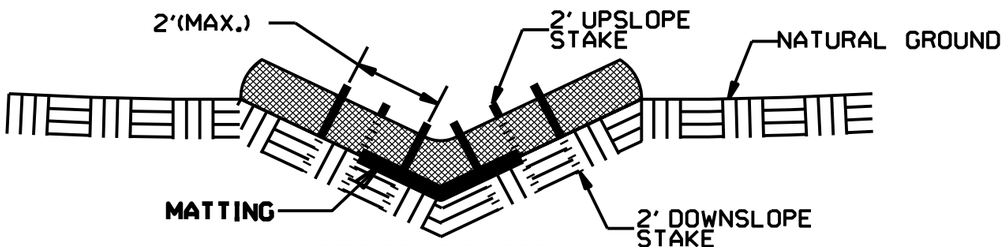
MAP#	STREET NAME	COMMENTS
MAP 23	SR 1160 CLARK RD	
MAP 23	SR 1249 EDGEHILL DR	
MAP 23	SR 1157 FLETCHER BROOME RD	
MAP 24	SR 2130 ARMFIELD MILL RD	
MAP 24	SR 2176 PARKS MEDLIN RD	
MAP 24	SR 2131 TROY MEDLIN RD	
MAP 24	SR 2132 BRUCE THOMAS RD	
MAP 24	SR 2134 CHARLIE WILLIAMS RD	
MAP 24	SR 2133 SANDY RIDGE RD	
MAP 24	SR 1905 HIGH RIDGE CHURCH RD	
MAP 24	SR 1907 GRIFFIN SHORTCUT RD	

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.10.14.20901	EC1

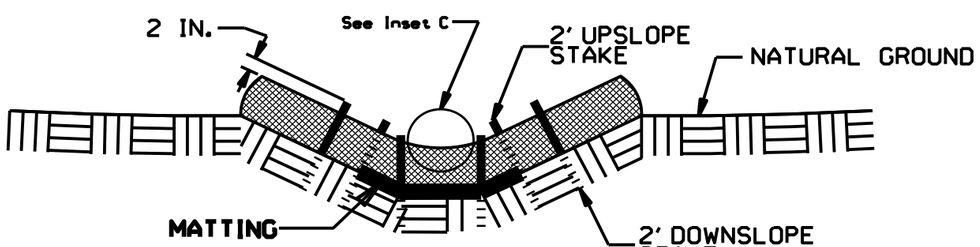
WATTLE WITH POLYACRYLAMIDE DETAIL



ISOMETRIC VIEW



CROSS SECTION
VEE DITCH



CROSS SECTION
TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

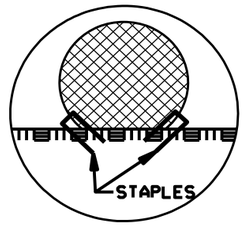
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

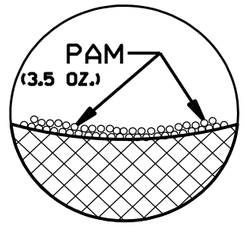
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

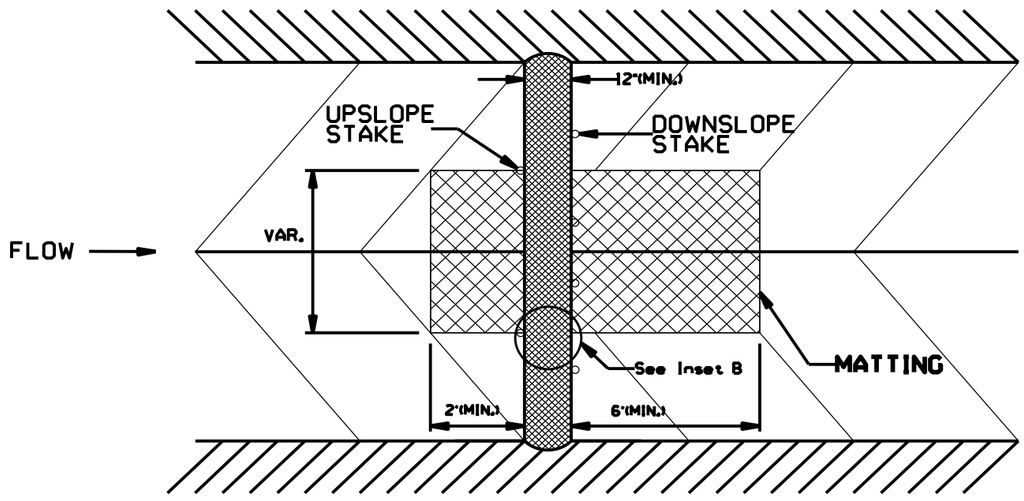
INSET A



INSET B



INSET C



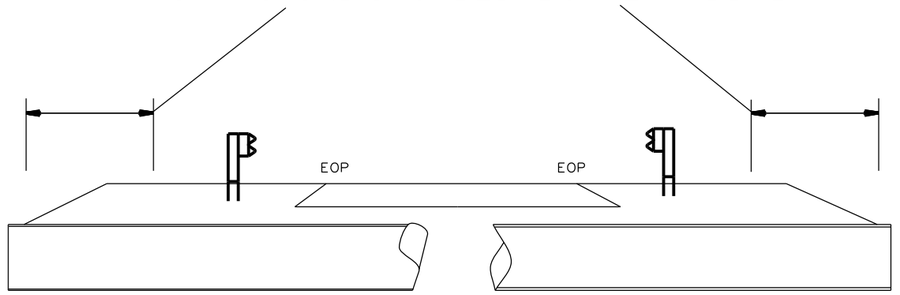
TOP VIEW

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.14.20901	EC2	
F.A. PROJECT NO.			

NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

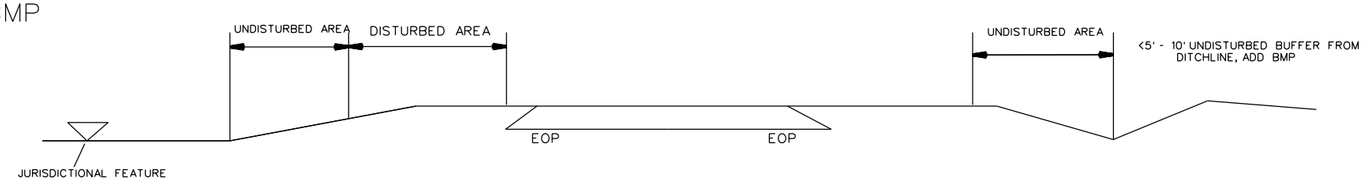
BMP OPTIONS: WATTLE OR SILT FENCE

<5' - 10' UNDISTURBED BUFFER ADD BMP

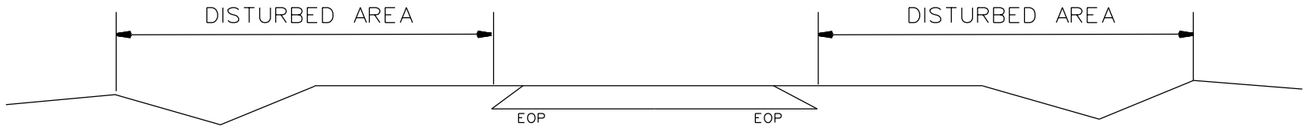


PIPE/CULVERT

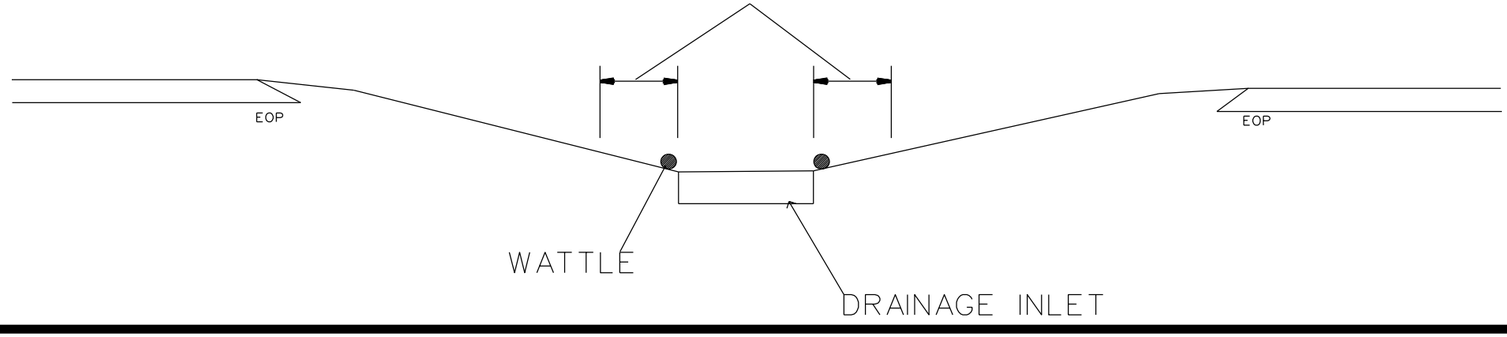
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



USE BMP'S IF SHOULDERS AND/OR FRONTSLOPES AND/OR DITCHLINE AND/OR BACKSLOPES ARE DISTURBED



<5' - 10' UNDISTURBED BUFFER FROM INLET, ADD WATTLE



EROSION CONTROL DETAIL

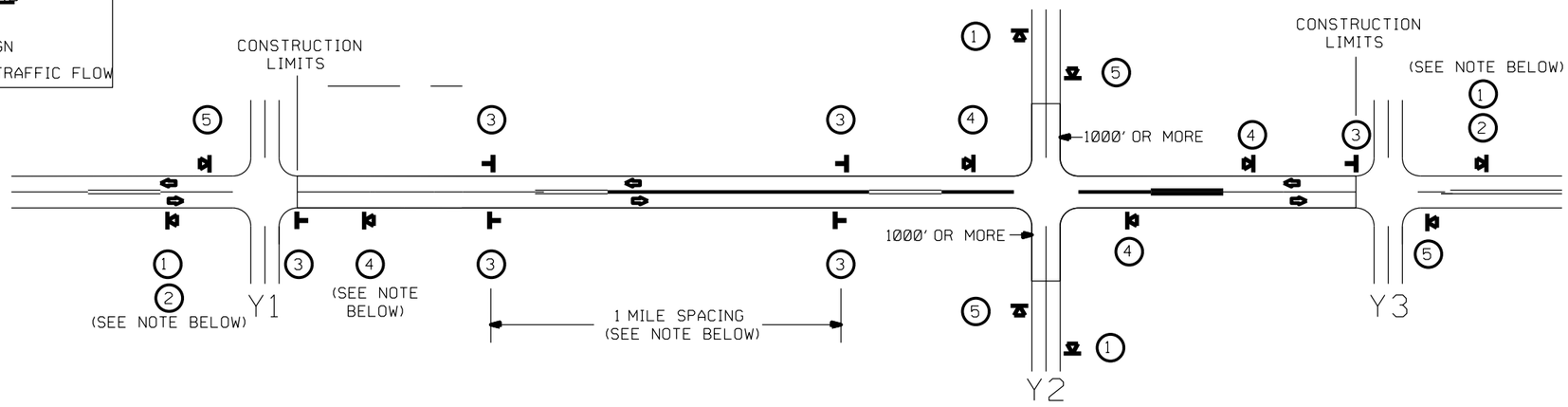
SCALE	-NA-
DATE	1/20
DWG. BY	AMD
DESIGN BY	AMD
APPROVED	CLA

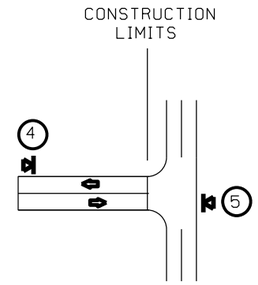
REVISIONS	

PROJ. REFERENCE NO.	SHEET NO.
2025CPT.10.14.20901	TC1

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND
- PORTABLE SIGN
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

① ROAD WORK AHEAD W20-1 48" X 48"
② NEXT XX MILES W7-3aP 24" X 18"
- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.

③ LOOSE GRAVEL W8-7 48" X 48"
UNMARKED PAVEMENT SP 48" X 48"
- ALTERNATE THE FOLLOWING TWO SIGNS:
- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".
- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.

④ ROAD UNDER CONST SP 13106 48" X 48"
- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.
- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.
- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.
- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.

⑤ END ROAD WORK G20-2 A 48" X 24"
PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

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

MAPS LESS THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.

-Y- LINE SIGNING

STATIONARY SIGNING NOT REQUIRED 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 SHALLE BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD W20-1 48" X 48"
PLACED 500' IN ADVANCE OF FLAGGER.

W20-7 A 48" X 48"
PLACED 250' IN ADVANCE OF FLAGGER.

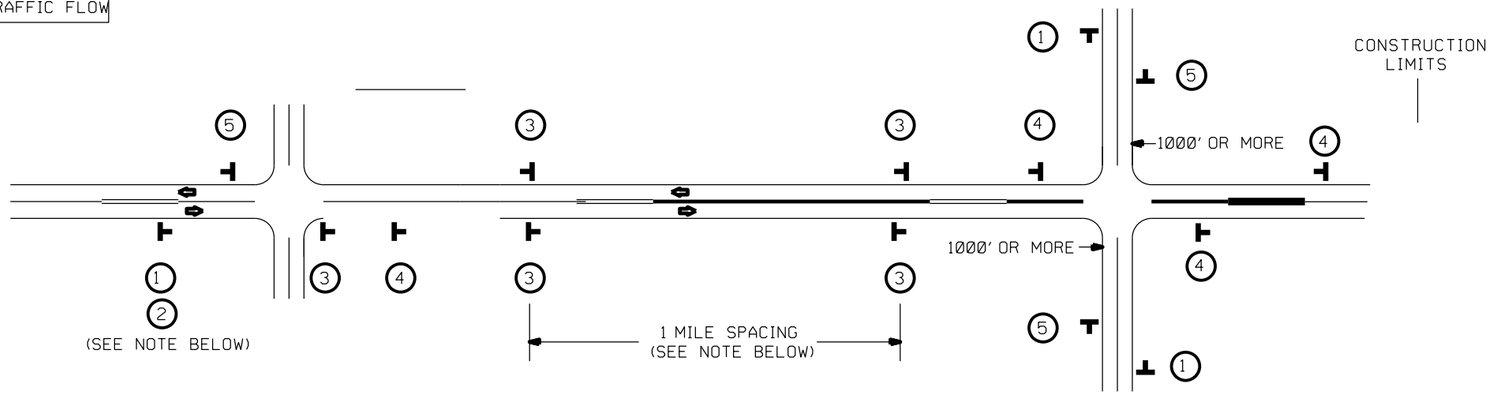
DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

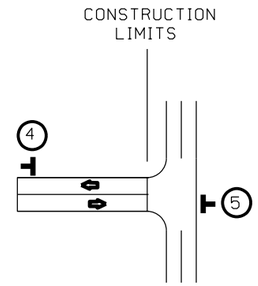
ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT

PROJ. REFERENCE NO.	SHEET NO.
2024CP1.10.18.00041, 2024CP1.10.18.20841, 2024CP1.10.18.20842	TC2

SIGNING FOR RESURFACING PROJECTS

LEGEND
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 & 2 — ROAD WORK AHEAD / NEXT XX MILES — W7-3aP — 24'' X 18''
- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.
- ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

3 — LOW/SOFT SHOULDER — SP 13107 — 48'' X 48''

4 — ROAD UNDER CONST — SP 13106 — 48'' X 48''
- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.
- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.
- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.
- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.
- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.

5 — END ROAD WORK — G20-2 A — 48'' X 24''
- PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

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.

-Y- LINE SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

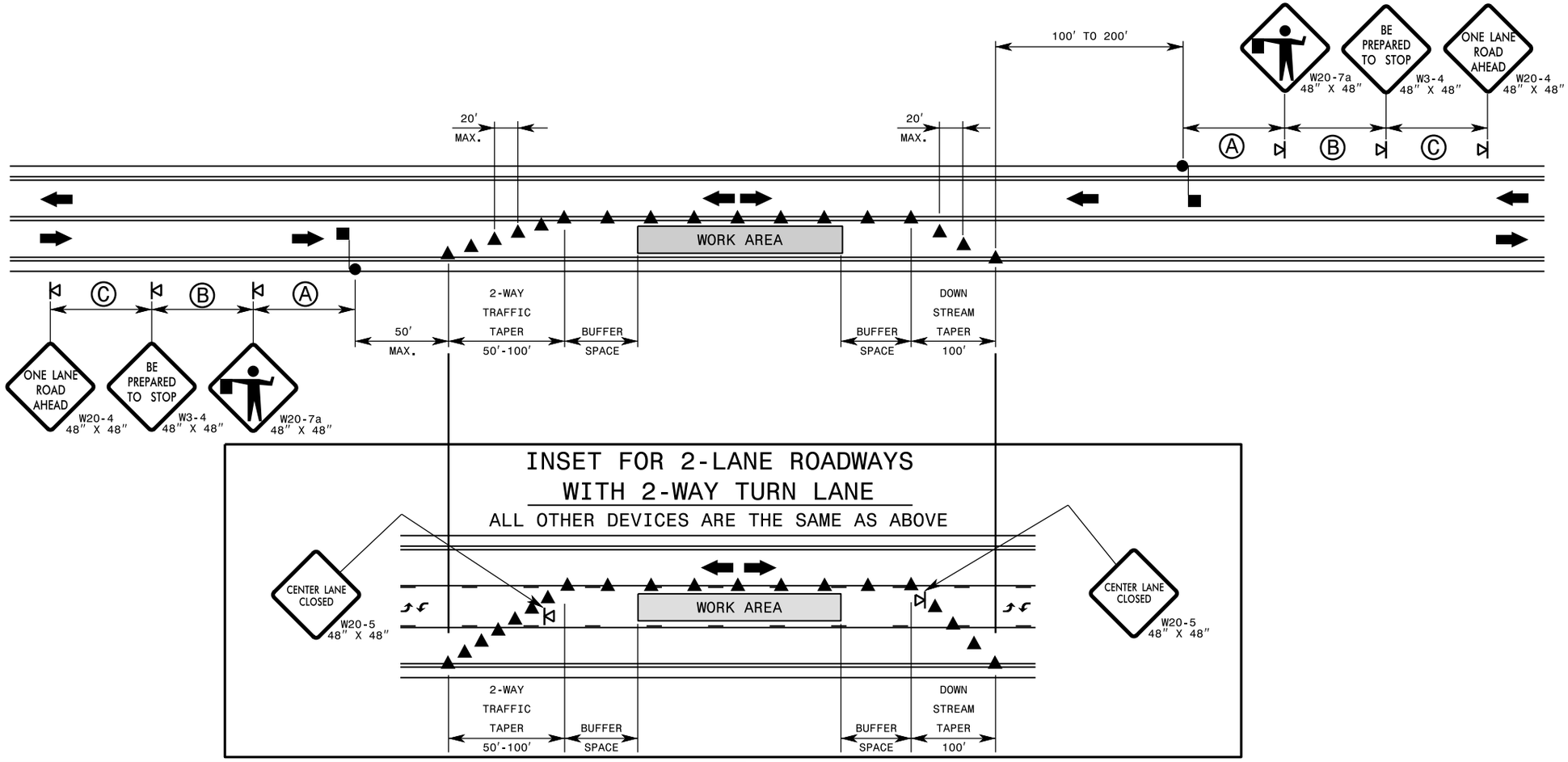
1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

W20-1
48'' X 48''

W20-7 A
48'' X 48''

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

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



GENERAL NOTES FOR FLAGGING OPERATIONS

1- REFER TO RSD. 1101.11, SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.

2- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC.

3- REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

4- FOR POSTED SPEED LIMITS BELOW 45 MPH, CHANNELIZING DEVICE SPACING SHALL BE 20 FEET IN THE TAPERS AND THE SHIFTS AND 40 FEET IN THE TANGENTS. FOR POSTED SPEED LIMITS GREATER THAN OR EQUAL TO 45 MPH, CHANNELIZING DEVICE SPACING SHALL BE 40 FEET IN THE TAPERS AND THE SHIFTS AND 80 FEET IN THE TANGENTS.

5- EXTEND LANE CLOSURES AT THE BUFFER SPACE SUCH THAT STOPPING SIGHT DISTANCE IS PROVIDED TO THE FLAGGER (REFER TO RSD. 1101.11, SHEET 2).

6- DO NOT STOP ALL DIRECTIONS OF TRAFFIC FOR MORE THAN 5 MINUTES AT A TIME.

7- DRUMS OR SKINNY DRUMS MAY BE USED IN LIEU OF CONES. REFER TO RSD. 1180.01 FOR SKINNY DRUM REQUIREMENTS.

8- USE FLAGGERS TO CONTROL TRAFFIC AT INTERSECTIONS AFFECTED BY THE LANE CLOSURE. SUPPLEMENT FLAGGERS LOCATED AT INTERSECTIONS WITH FLAGGER AHEAD SIGNS (W20-7A) PLACED APPROXIMATELY 250 FT. IN ADVANCE OF THE FLAGGER. FOR SIGNALIZED INTERSECTIONS PLACE SIGNALS IN THE FLASH MODE AND USE LAW ENFORCEMENT.

9- REFER TO THE CURRENT MUTCD FOR FLAGGER CONTROL, REQUIREMENTS, AND PROCEDURES.

10- DO NOT EXCEED A 1 MILE LANE CLOSURE LENGTH UNLESS OTHERWISE SHOWN IN THE TMP OR AS DIRECTED BY THE ENGINEER.

11- IF VEHICLE QUEUES WILL REACH WITHIN 100′ OF EITHER SIDE OF ACTIVE RAILROAD TRACKS, PROVIDE A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER TO PREVENT VEHICLES FROM STOPPING WITHIN THE GRADE CROSSING. PROVIDE OFFICER OR FLAGGER EVEN IF AUTOMATIC WARNING MEASURES ALREADY EXIST.

12- THIS DETAIL IS APPLICABLE FOR OPERATIONS IN PLACE FOR 72 HOURS OR LESS. FOR LONGER DURATION OPERATIONS, SIGNING AND PAVEMENT MARKINGS MAY NEED TO BE ALTERED.

GENERAL NOTES FOR PILOT CAR OPERATIONS

1- USE PILOT CARS WHEN DIRECTED BY THE ENGINEER.

2- IF ROADWAY WIDTH IS LESS THAN 22 FEET (EOP TO EOP), CONES MAY NOT BE REQUIRED ALONG WORK AREA, AND AT THE DISCRETION OF THE ENGINEER, CONES MAY BE OMITTED ALONG THE WORK AREA IF USING A PILOT CAR.

3- CONES ARE ALWAYS REQUIRED IN THE UPSTREAM AND DOWNSTREAM TAPERS.

4- MOUNT SIGN G20-4 "PILOT CAR FOLLOW ME" AT A CONSPICUOUS POSITION ON THE REAR OF THE PILOT VEHICLE.

5- UNLESS APPROVED BY THE ENGINEER, DO NOT INSTALL MORE THAN ONE (1) MILE OF LANE CLOSURE, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.

6- ADVISE RESIDENTS AND BUSINESSES WITHIN THE LANE CLOSURE LIMITS ABOUT METHODS OF SAFE EGRESS AND INGRESS FROM DRIVEWAYS DURING FLAGGING AND PILOT CAR OPERATIONS.

LEGEND

- FLAGGER
- CONE
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW

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

1-24

ROADWAY STANDARD DRAWING FOR

TEMPORARY LANE CLOSURES

2-LANE, 2-WAY ROADWAY-1 LANE CLOSED

SHEET 1 OF 19

1101.02

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.14.20901	SOQ 1	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E INCIDENTAL STONE BASE	1245000000-E SHOULDER RECONSTRUCTION	1260000000-E AGGREGATE SHOULDER BORROW	1297000000-E 1½" MILLING	1308000000-E 0" TO 1.5" MILLING	0" TO 1" MILLING	1330000000-E INCIDENTAL MILLING	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1524000000-E LEVELING COURSE, S9.5C	1526000000-E SURFACE COURSE, S4.75A	1575000000-E ASPHALT BINDER FOR PLANT MIX	1704000000-E PATCHING EXISTING PAVEMENT	1775000000-E ASPHALT SURFACE TREATMENT, MATCOAT, #78M STONE	1803500000-E ASPHALT SURFACE TREATMENT, DOUBLE SEAL	1838000000-E EMULSION FOR ASPHALT SURFACE TREATMENT	2143000000-E BLOTTING SAND	2484000000-E GENERIC DRAINAGE ITEM (LF) REMOVE AND REPLACE CONCRETE CURB AND GUTTER	2605000000-N CONCRETE CURB RAMPS	2612000000-E 6" DRIVEWAYS	2612300000-N RETROFIT EXISTING CONCRETE CURB RAMPS	2612500000-N REMOVE AND REPLACE CONCRETE CURB RAMPS	2830000000-N ADJ. OF MANHOLES	2845000000-N ADJ. OF METER OR VALVE BOX	6000000000-E TEMPORARY SILT FENCE	6071002000-E FLOCCULANT	6071010000-E WATTLE
										MI	FT			TONS	SMI	TON	SY	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SY	SY	GAL	TON	LF	EA	SY	EA	EA	EA	EA	LF	LB	LF
TOTAL FOR PROJ NO. Primary Resurfacing																																								
2025CPT.10.14.20901	Union	1	SR-3489 / SMOKEY HOLLOW DR **ROUTE ID # 40003489090**	FROM SR 3486 WHEATFIELD DR TO SR 3176 WANDERING WAY **MP 0.00 TO MP 0.30**	1	2	2WU	NO	NO	0.3	24	0	0.3					2,112		200	463					34	83										5				
TOTAL FOR MAP NO. 1										**0.3**								**2,112**		**200**	**463**					**34**	**83**										**5**				
2025CPT.10.14.20901	Union	2	SR-3488 / KINDLING WOOD LN **ROUTE ID # 40003488090**	FROM SR 3487 BRIAR PATCH TRACE TO END OF MAINTENANCE **MP 0.00 TO MP 0.43**	1	2	2WU	NO	NO	0.43	24	0	0.43					3,080		1,440	609					45	119					1					6				
TOTAL FOR MAP NO. 2										**0.43**								**3,080**		**1,440**	**609**					**45**	**119**					**1**					**6**				
2025CPT.10.14.20901	Union	3	SR-3487 / BRIAR PATCH TRACE **ROUTE ID # 40003487090**	FROM SR 3488 KINDLING WOOD DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.4**	1	2	2WU	NO	NO	0.4	25	0	0.4					3,115		320	645					47	110										7				
TOTAL FOR MAP NO. 3										**0.4**								**3,115**		**320**	**645**					**47**	**110**										**7**				
2025CPT.10.14.20901	Union	4	SR-3486 / WHEAT FIELD DR **ROUTE ID # 40003486090**	FROM SR 1313 JOE KERR TO SR 3487 BRIAR PATCH TRACE **MP 0.23 TO MP 0.61**	1	2	2WU	NO	NO	0.38	32	0.23	0.61					3,115		861	685					50	105										7				
TOTAL FOR MAP NO. 4										**0.38**								**3,115**		**861**	**685**					**50**	**105**										**7**				
2025CPT.10.14.20901	Union	5	SR-3177 / GROVES EDGE LN **ROUTE ID # 40003177090**	FROM SR 2948 MARVIN SCHOOLD RD TO SR 3816 RUNNING HORSE LN **MP 0.0 TO MP 0.56**	1	2	2WU	NO	NO	0.56	32	0	0.56					3,352		1,828	1,052					76	154										7				
TOTAL FOR MAP NO. 5										**0.56**								**3,352**		**1,828**	**1,052**					**76**	**154**										**7**				
2025CPT.10.14.20901	Union	6	SR-3331 / SILK POND DR **ROUTE ID # 40003331090**	FROM SR 3328 AVANTI DR TO SR 3333 MONTANE RUN CT **MP 0.00 TO MP 0.13**	1	2	2WU	NO	NO	0.13	24	0	0.13					915			206					15	36										2				
TOTAL FOR MAP NO. 6										**0.13**								**915**			**206**					**15**	**36**										**2**				
2025CPT.10.14.20901	Union	7	SR-3332 / PTARMIGAN CT **ROUTE ID # 40003332090**	FROM SR 3328 AVANTI DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.04**	1	2	2WU	NO	NO	0.04	18	0	0.04					281			61					5	11							1			1				
TOTAL FOR MAP NO. 7										**0.04**								**281**			**61**					**5**	**11**							**1**			**1**				
2025CPT.10.14.20901	Union	8	SR-3333 / MONTANE RUN CT **ROUTE ID # 40003333090**	FROM END OF MAINTENANCE TO END OF MAINTANENCE **MP 0.00 TO MP 0.26**	1	2	2WU	NO	NO	0.26	18	0	0.26					1,831			312					24	72							4			6				
TOTAL FOR MAP NO. 8										**0.26**								**1,831**			**312**					**24**	**72**							**4**			**6**				
2025CPT.10.14.20901	Union	9	SR-3330 / RESOLUTION CT **ROUTE ID # 40003330090**	FROM END OF MAINTENANCE TO END OF MAINTNENACE **MP 0.00 TO MP 0.08**	1	2	2WU	NO	NO	0.08	18	0	0.08					563			99					8	22							1				2			
TOTAL FOR MAP NO. 9										**0.08**								**563**			**99**					**8**	**22**							**1**				**2**			
2025CPT.10.14.20901	Union	10	SR-3329 / PRIMA CORNICE CT **ROUTE ID # 40003329090**	FROM SR 3328 AVANTI DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.26**	1	2	2WU	NO	NO	0.15	18	0	0.15					1,056			154					12	42							1			4				
TOTAL FOR MAP NO. 10										**0.15**								**1,056**			**154**					**12**	**42**							**1**			**4**				
2025CPT.10.14.20901	Union	11	SR-3328 / AVANTI DR **ROUTE ID # 40003328090**	FROM NC 16 TO END OF MAINTENANCE **MP 0.00 TO MP 0.66**	1	2	2WU	NO	NO	0.66	24	0	0.66					4,647		168	1,092					80	182							9			16				
TOTAL FOR MAP NO. 11										**0.66**								**4,647**		**168**	**1,092**					**80**	**182**							**9**			**16**				
2025CPT.10.14.20901	Union	12	SR-3838 / PELHAM LN **ROUTE ID # 40003838090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 MP 0.04**	2	2	2WU	NO	NO	0.04	18	0	0.04						704							46	4	11		760	420	1						1				
TOTAL FOR MAP NO. 12										**0.04**								**704**							**46**	**4**	**11**		**760**	**420**	**1**						**1**				
2025CPT.10.14.20901	Union	13	SR-3839 / BRISTOL CT **ROUTE ID # 40003839090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.04**	2	2	2WU	NO	NO	0.04	18	0	0.04						704							46	4	11		760	420	1						2				
TOTAL FOR MAP NO. 13										**0.04**								**704**							**46**	**4**	**11**		**760**	**420**	**1**						**2**				
2025CPT.10.14.20901	Union	14	SR-3643 / STONEHURST LN **ROUTE ID # 40003643090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.18**	2	2	2WU	NO	NO	0.18	18	0	0.18						844							158	14	50		2,603	1,435							4				
TOTAL FOR MAP NO. 14										**0.18**								**844**							**158**	**14**	**50**		**2,603**	**1,435**							**4**				
2025CPT.10.14.20901	Union	15	SR-3642 / ARMISTEAD CT **ROUTE ID # 40003642090**	FROM SR 3640 WYNDHAM LN TO END OF MAINTENANCE **MP 0.00 TO MP 0.07**	2	2	2WU	NO	NO	0.07	18	0	0.07						354							64	6	20		1,057	585	1						1				
TOTAL FOR MAP NO. 15										**0.07**								**354**							**64**	**6**	**20**		**1,057**	**585**	**1**						**1**				
2025CPT.10.14.20901	Union	16	SR-3840 / CORBIN CT **ROUTE ID # 40003840090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 MP 0.03**	2	2	2WU	NO	NO	0.03	18	0	0.03						140							37	3	9		604	335	1						1				
TOTAL FOR MAP NO. 16										**0.03**								**140**							**37**	**3**	**9**		**604**	**335**	**1**						**1**				
2025CPT.10.14.20901	Union	17	SR-3641 / APPOMATOX DR **ROUTE ID # 40003641090**	FROM SR 1313 JOE KERR TO END OF MAINTENANCE **MP 0.00 TO MP 0.62**	2	2	2WU	NO	NO	0.62	24	0	0.62						2,904	166						630	52	171		8,764	4,825	1						18				
TOTAL FOR MAP NO. 17										**0.62**									**2,904**	**166**						**630**	**52**	**171**		**8,764**	**4,825**	**1**						**18**				
2025CPT.10.14.20901	Union	18	SR-3841 / MARVIN BRANCH CT **ROUTE ID # 40003841090**	FROM SR 3643 STONEHURST LN TO END OF MAINTENANCE **MP 0.00 TO 0.05**	2	2	2WU	NO	NO	0.05	18	0	0.05						274							53	5	14		876	485	1						1				
TOTAL FOR MAP NO. 18										**0.05**									**274**							**53**	**5**	**14**		**876**	**485**	**1**						**1**				
2025CPT.10.14.20901	Union	19	SR-3640 / WYNDHAM LN **ROUTE ID # 40003640090**	FROIM SR 2948 MARVIN SCHOOL RD TO END OF MAINTENANCE **MP 0.00 TO MP 0.44**	2	2	2WU	NO	NO	0.44	18	0	0.44						2,068	109						439	37	121		6,268	3,450	1						10				
TOTAL FOR MAP NO. 19										**0.44**									**2,068**	**109**						**439**	**37**	**121**		**6,268**	**3,450**	**1**						**10**				
2025CPT.10.14.20901	Union	20	SR-2649 / CORPORATE BLVD **ROUTE ID 40002649090**	FROM US 74 TO SR 1367 UNIONVILLE INDIAN TRAIL RD **MP 0.01 TO MP 0.39**	3	2	2WU	NO	NO	0.38	25	0.01	0.39		0.08	11	6,434				664	95				78	600									1	5		57		57
TOTAL FOR MAP NO. 20										**0.38**					**0.08**	**11**	**6,434**				**664**	**95**				**78**	**600**									**1**	**5**		**57**		**57**
2025CPT.10.14.20901	Union	21	SR-2650 / BUSINESS PARK DR **ROUTE ID # 40002650090**	FROM SR 2649 COROPRATE DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.14**	3	2	2WU	NO	NO	0.14	25	0	0.14				3,248				315	35				35	250										4		21		21
TOTAL FOR MAP NO. 21										**0.14**							**3,248**				**315**	**35**				**35**	**250**										**4**		**21**		**21**
2025CPT.10.14.20901	Union	22	SR-2651 / ASSOCIATES LN **ROUTE ID # 40002651090**	FROM SR 2649 COROPRATE DR TO END OF MIANTENANCE **MP 0.00 TO MP 0.11**	3	2	2WU	NO	NO	0.11	25	0	0.11				1,995				201	28				27	250						25				2		17		17
TOTAL FOR MAP NO. 22										**0.11**							**1,995**				**201**	**28**				**27**	**250**						**25**				**2**		**17**		**17**
2025CPT.10.14.20901	Union	23	SR-1315 / NEW TOWN RD **ROUTE ID # 40001315090**	FROM NC 75 TO SR 1007 ROCKY RIVER RD **MP 0.00 TO MP 2.34**	4	2	2WU	NO	NO	2.34	22	0	2.34	215	4.68	649				1,210	2,817	819				293	1,170												351	1	351
TOTAL FOR MAP NO. 23										**2.34**				**215**	**4.68**	**649**				**1,210**	**2,817**	**819**				**293**	**1,170**												**351**	**1**	**351**
2025CPT.10.14.20901	Union	24	SR-2115 / STACK RD **ROUTE ID # 40002115090**	FROM SR 2128 MULLISR RD TO SR 2133 SANDY RIDGE RD **MP 6.6 TO MP 9.27**	5,6	2	2WU	NO	NO	2.67	22	6.6	9.27	120	5.34	740				1,463			4,486	935		378	1,202	34,462		12,065	5		108						400	1	400
TOTAL FOR MAP NO. 24										**2.67**				**120**	**5.34**	**740**				**1,463**			**4,486**	**935**		**378**	**1,202**	**34,462**		**12,065**	**5**		**108**						**400**	**1**	**400**
2025CPT.10.14.20901	Union	25	SR-1003 / WHITE STORE RD **ROUTE IS # 40001003090**	FROM SR 1005 LANDSFORD RD TO ANSON COUNTY LINE **MP 0.00 TO MP 1.02**	4	2	2WU	NO	NO	1.02	20	0	1.02	95	2.04	283				1,050	1,186	357				130	612												153		153
TOTAL FOR MAP NO. 25										**1.02**				**95**	**2.04**	**283**				**1,050**	**1,186**	**357**				**130**	**612**												**153**		**153**
TOTAL FOR PROJ NO. 2025CPT.10.14.20901										**11.52**				**430**	**12.14**	**1,683**	**11,677**	**24,067**	**7,992**	**8,815**	**10,561**	**1,334**	**4,486**	**935**	**1,473**	**1,462**	**5,427**	**34,462**	**21,692**	**24,020**	**12**	**25**	**1**		**16**	**1**	**110**	**2**	**999**	**2**	**999**
																		32,059																						
GRAND TOTAL										**11.52**				**430**	**12.14**	**1,683**	**11,677**	**24,067**	**7,992**	**8,815**	**10,561**	**1,334**	**4,486**	**935**	**1,473**	**1,462**	**5,427**	**34,462**	**21,692**	**24,020**	**12**	**25**	**1**	**108**	**16**	**1**	**110**	**2**	**999**	**2**	**999**
																		32,059																						

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.14.20901	SOQ 2	

THERMOPLASTIC AND PAINT QUANTITIES

													4413000000-E	4457000000-N	4685000000-E		4704000000-E	4709000000-E	4720000000-E	4725000000-E	4810000000-E	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	THERMOPLASTSIC PAVEMENT MARKING CHARACTER RXR 90 M	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	4" WHITE PAINT	4" YELLOW PAINT
								MI	FT			SF	LS	LF	LF	LF	LF	EA	EA	LF	LF
TOTAL FOR PROJ NO. Primary Resurfacing																					
2025CPT.10.14.20901	Union	1	SR-3489 / SMOKEY HOLLOW DR **ROUTE ID # 40003489090**	FROM SR 3486 WHEATFIELD DR TO SR 3176 WANDERING WAY **MP 0.00 TO MP 0.30**	1	2	2WU	0.3	24	0	0.3	34	0.01								
TOTAL FOR MAP NO. 1								**0.3**				**34**	**0.01**								
2025CPT.10.14.20901	Union	2	SR-3488 / KINDLING WOOD LN **ROUTE ID # 40003488090**	FROM SR 3487 BRIAR PATCH TRACE TO END OF MAINTENANCE **MP 0.00 TO MP 0.43**	1	2	2WU	0.43	24	0	0.43	48	0.05				110		4		
TOTAL FOR MAP NO. 2								**0.43**				**48**	**0.05**				**110**		**4**		
2025CPT.10.14.20901	Union	3	SR-3487 / BRIAR PATCH TRACE **ROUTE ID # 40003487090**	FROM SR 3488 KINDLING WOOD DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.4**	1	2	2WU	0.4	25	0	0.4	45	0.01				110		5		
TOTAL FOR MAP NO. 3								**0.4**				**45**	**0.01**				**110**		**5**		
2025CPT.10.14.20901	Union	4	SR-3486 / WHEAT FIELD DR **ROUTE ID # 40003486090**	FROM SR 1313 JOE KERR TO SR 3487 BRIAR PATCH TRACE **MP 0.23 TO MP 0.61**	1	2	2WU	0.38	32	0.23	0.61	43	0.01								
TOTAL FOR MAP NO. 4								**0.38**				**43**	**0.01**								
2025CPT.10.14.20901	Union	5	SR-3177 / GROVES EDGE LN **ROUTE ID # 40003177090**	FROM SR 2948 MARVIN SCHOOLD RD TO SR 3816 RUNNING HORSE LN **MP 0.0 TO MP 0.56**	1	2	2WU	0.56	32	0	0.56	63	0.05								
TOTAL FOR MAP NO. 5								**0.56**				**63**	**0.05**								
2025CPT.10.14.20901	Union	6	SR-3331 / SILK POND DR **ROUTE ID # 40003331090**	FROM SR 3328 AVANTI DR TO SR 3333 MONTANE RUN CT **MP 0.00 TO MP 0.13**	1	2	2WU	0.13	24	0	0.13	15	0.01								
TOTAL FOR MAP NO. 6								**0.13**				**15**	**0.01**								
2025CPT.10.14.20901	Union	7	SR-3332 / PTARMIGAN CT **ROUTE ID # 40003332090**	FROM SR 3328 AVANTI DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.04**	1	2	2WU	0.04	18	0	0.04	5	0.01								
TOTAL FOR MAP NO. 7								**0.04**				**5**	**0.01**								
2025CPT.10.14.20901	Union	8	SR-3333 / MONTANE RUN CT **ROUTE ID # 40003333090**	FROM END OF MAINTENANCE TO END OF MAINTANENCE **MP 0.00 TO MP 0.26**	1	2	2WU	0.26	18	0	0.26	29	0.01								
TOTAL FOR MAP NO. 8								**0.26**				**29**	**0.01**								
2025CPT.10.14.20901	Union	9	SR-3330 / RESOLUTION CT **ROUTE ID # 40003330090**	FROM END OF MAINTENANCE TO END OF MAINTNENACE **MP 0.00 TO MP 0.08**	1	2	2WU	0.08	18	0	0.08	9	0.01								
TOTAL FOR MAP NO. 9								**0.08**				**9**	**0.01**								
2025CPT.10.14.20901	Union	10	SR-3329 / PRIMA CORNICE CT **ROUTE ID # 40003329090**	FROM SR 3328 AVANTI DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.26**	1	2	2WU	0.15	18	0	0.15	17	0.01								
TOTAL FOR MAP NO. 10								**0.15**				**17**	**0.01**								
2025CPT.10.14.20901	Union	11	SR-3328 / AVANTI DR **ROUTE ID # 40003328090**	FROM NC 16 TO END OF MAINTENANCE **MP 0.00 TO MP 0.66**	1	2	2WU	0.66	24	0	0.66	74	0.05								
TOTAL FOR MAP NO. 11								**0.66**				**74**	**0.05**								
2025CPT.10.14.20901	Union	12	SR-3838 / PELHAM LN **ROUTE ID # 40003838090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 MP 0.04**	2	2	2WU	0.04	18	0	0.04	5	0.01								
TOTAL FOR MAP NO. 12								**0.04**				**5**	**0.01**								
2025CPT.10.14.20901	Union	13	SR-3839 / BRISTOL CT **ROUTE ID # 40003839090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.04**	2	2	2WU	0.04	18	0	0.04	5	0.01								
TOTAL FOR MAP NO. 13								**0.04**				**5**	**0.01**								
2025CPT.10.14.20901	Union	14	SR-3643 / STONEHURST LN **ROUTE ID # 40003643090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.18**	2	2	2WU	0.18	18	0	0.18	20	0.01								
TOTAL FOR MAP NO. 14								**0.18**				**20**	**0.01**								
2025CPT.10.14.20901	Union	15	SR-3642 / ARMISTEAD CT **ROUTE ID # 40003642090**	FROM SR 3640 WYNDHAM LN TO END OF MAINTENANCE **MP 0.00 TO MP 0.07**	2	2	2WU	0.07	18	0	0.07	8	0.01								
TOTAL FOR MAP NO. 15								**0.07**				**8**	**0.01**								
2025CPT.10.14.20901	Union	16	SR-3840 / CORBIN CT **ROUTE ID # 40003840090**	FROM SR 3641 APPOMATOX DR TO END OF MAINTENANCE **MP 0.00 MP 0.03**	2	2	2WU	0.03	18	0	0.03	4	0.01								
TOTAL FOR MAP NO. 16								**0.03**				**4**	**0.01**								
2025CPT.10.14.20901	Union	17	SR-3641 / APPOMATOX DR **ROUTE ID # 40003641090**	FROM SR 1313 JOE KERR TO END OF MAINTENANCE **MP 0.00 TO MP 0.62**	2	2	2WU	0.62	24	0	0.62	69	0.05								
TOTAL FOR MAP NO. 17								**0.62**				**69**	**0.05**								
2025CPT.10.14.20901	Union	18	SR-3841 / MARVIN BRANCH CT **ROUTE ID # 40003841090**	FROM SR 3643 STONEHURST LN TO END OF MAINTENANCE **MP 0.00 TO 0.05**	2	2	2WU	0.05	18	0	0.05	6	0.01								
TOTAL FOR MAP NO. 18								**0.05**				**6**	**0.01**								
2025CPT.10.14.20901	Union	19	SR-3640 / WYNDHAM LN **ROUTE ID # 40003640090**	FROIM SR 2948 MARVIN SCHOOL RD TO END OF MAINTENANCE **MP 0.00 TO MP 0.44**	2	2	2WU	0.44	18	0	0.44	49	0.02								
TOTAL FOR MAP NO. 19								**0.44**				**49**	**0.02**								
2025CPT.10.14.20901	Union	20	SR-2649 / CORPORATE BLVD **ROUTE ID 40002649090**	FROM US 74 TO SR 1367 UNIONVILLE INDIAN TRAIL RD **MP 0.01 TO MP 0.39**	3	2	2WU	0.38	25	0.01	0.39	43	0.02								
TOTAL FOR MAP NO. 20								**0.38**				**43**	**0.02**								
2025CPT.10.14.20901	Union	21	SR-2650 / BUSINESS PARK DR **ROUTE ID # 40002650090**	FROM SR 2649 COROPRATE DR TO END OF MAINTENANCE **MP 0.00 TO MP 0.14**	3	2	2WU	0.14	25	0	0.14	16	0.01								
TOTAL FOR MAP NO. 21								**0.14**				**16**	**0.01**								
2025CPT.10.14.20901	Union	22	SR-2651 / ASSOCIATES LN **ROUTE ID # 40002651090**	FROM SR 2649 COROPRATE DR TO END OF MIANTENANCE **MP 0.00 TO MP 0.11**	3	2	2WU	0.11	25	0	0.11	12	0.01								
TOTAL FOR MAP NO. 22								**0.11**				**12**	**0.01**								
2025CPT.10.14.20901	Union	23	SR-1315 / NEW TOWN RD **ROUTE ID # 40001315090**	FROM NC 75 TO SR 1007 ROCKY RIVER RD **MP 0.00 TO MP 2.34**	4	2	2WU	2.34	22	0	2.34	262	0.20	24,710	19,528	100	72	4			
TOTAL FOR MAP NO. 23								**2.34**				**262**	**0.20**	**24,710**	**19,528**	**100**	**72**	**4**			
2025CPT.10.14.20901	Union	24	SR-2115 / STACK RD **ROUTE ID # 40002115090**	FROM SR 2128 MULLISR RD TO SR 2133 SANDY RIDGE RD **MP 6.6 TO MP 9.27**	5,6	2	2WU	2.67	22	6.6	9.27	299	0.20	28,196	23,456						
TOTAL FOR MAP NO. 24								**2.67**				**299**	**0.20**	**28,196**	**23,456**						
2025CPT.10.14.20901	Union	25	SR-1003 / WHITE STORE RD **ROUTE IS # 40001003090**	FROM SR 1005 LANDSFORD RD TO ANSON COUNTY LINE **MP 0.00 TO MP 1.02**	4	2	2WU	1.02	20	0	1.02	118	0.20				44			21,600	20,100
TOTAL FOR MAP NO. 25								**1.02**				**118**	**0.200**				**44**			**21,600**	**20,100**
TOTAL FOR PROJ NO. 2025CPT.10.14.20901								**11.52**				**1,298**	**1.000**	**52,906**	**42,984**	**100**	**336**	**4**	**9**	**21,600**	**20,100**
														95,890						**41,700**	
GRAND TOTAL								**11.52**				**1,298**	**1.000**	**52,906**	**42,984**	**100**	**336**	**4**	**9**	**21,600**	**20,100**
														95,890						**41,700**	