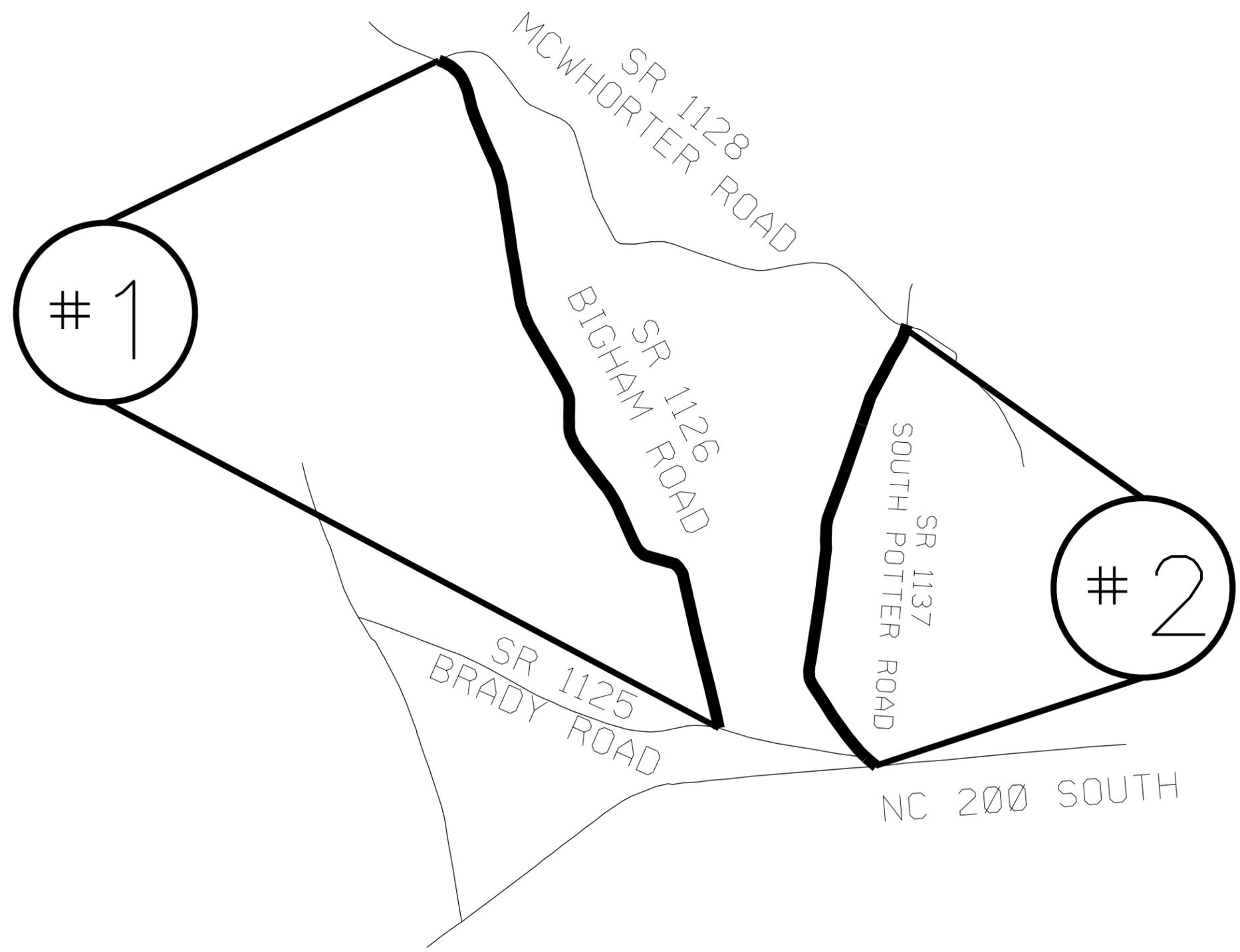


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	1	
F.A. PROJECT NO.			

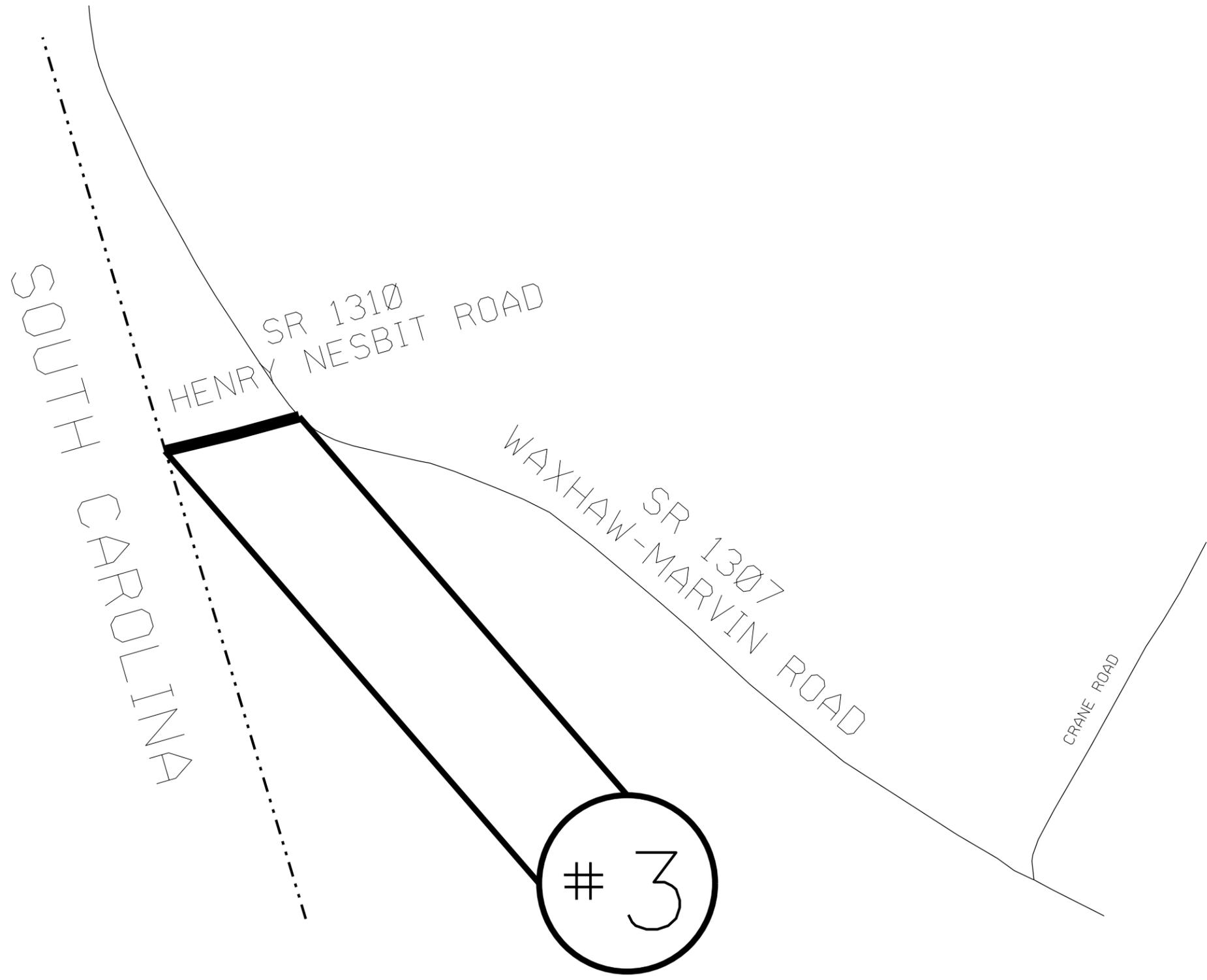


ENLARGED MUNICIPAL AND SUBURBAN AREAS
 UNION COUNTY
 NORTH CAROLINA
PREPARED BY:
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #1 SR 1126 BIGHAM ROAD
 2.09 MILES
 FROM SR 1125 BRADY ROAD
 TO SR 1128 MCWHORTER ROAD

MAP #2 SR 1137 SOUTH POTTER ROAD
 1.32 MILES
 FROM NC 200 SOUTH
 TO SR 1128 MCWHORTER ROAD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	2	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA
PREPARED BY: DHE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

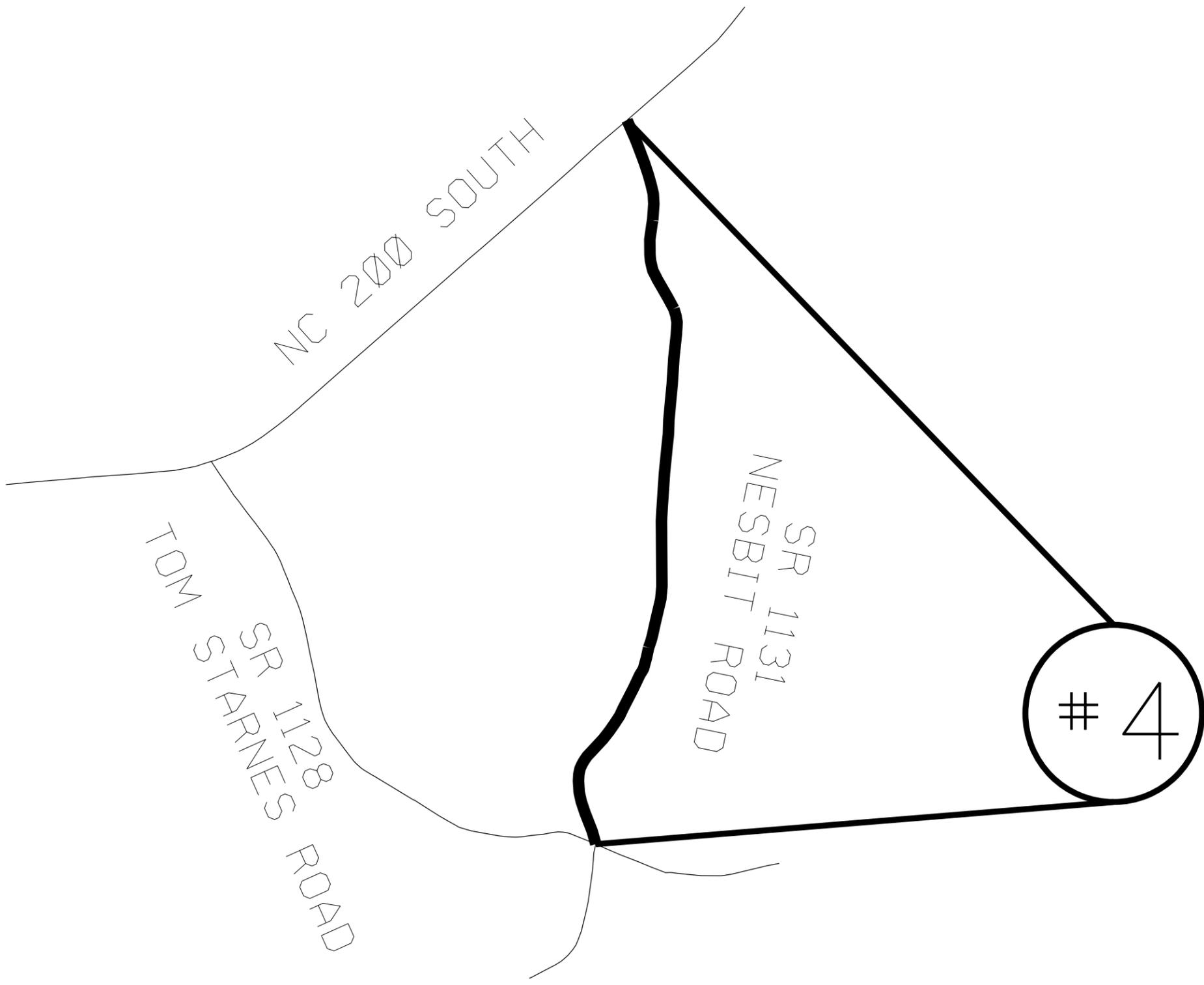
MAP #3 SR 1310 HENRY NESBIT ROAD
 0.124 MILES
 FROM SR 1307 WAXHAW-MARVIN ROAD
 TO SOUTH CAROLINA STATE LINE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	3	
F.A. PROJECT NO.			

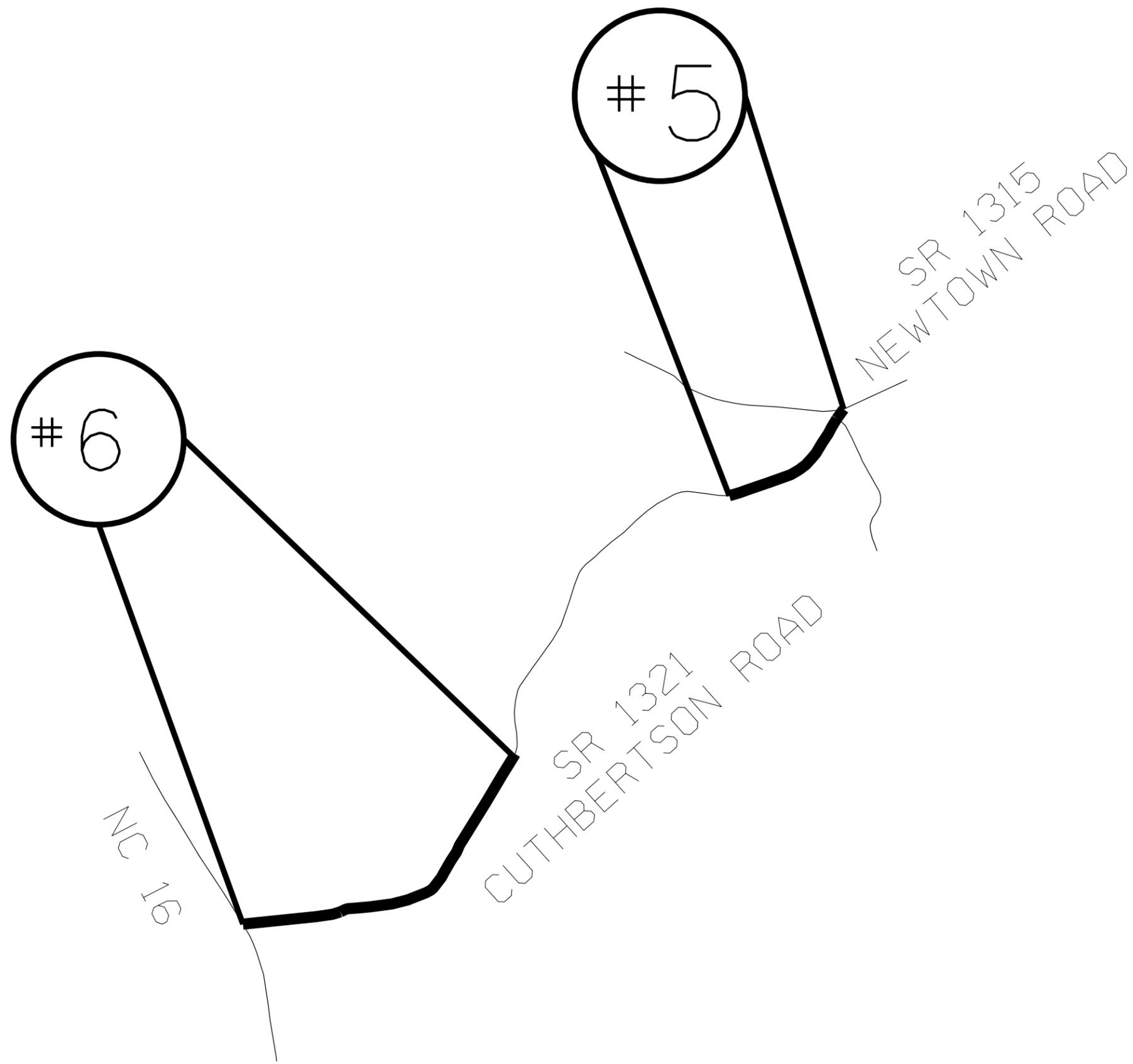


ENLARGED MUNICIPAL AND SUBURBAN AREAS
 UNION COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #4 SR 1131 NESBIT ROAD
 2.58 MILES
 FROM SR 1128 TOM STARNES ROAD
 TO NC 200 SOUTH



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	4	
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 #5 SR 1321 CUTHBERTSON ROAD
 0.47 MILES
 FROM SR 1315 NEWTOWN ROAD
 TO PAVEMENT JOINT AT
 FIVE STONES CHURCH

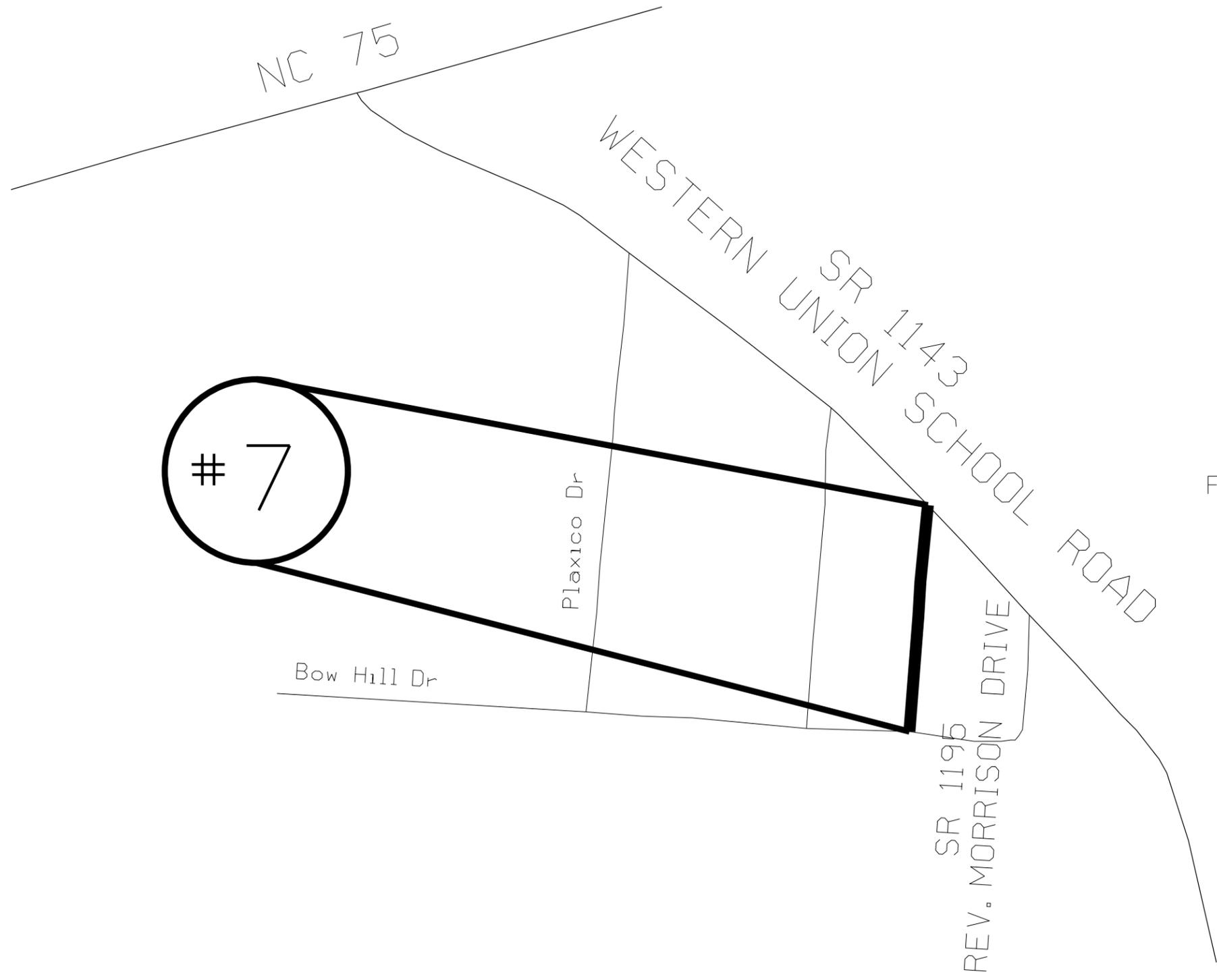
MAP #6 SR 1321 CUTHBERTSON ROAD
 1.2 MILES
 FROM PAVEMENT JOINT AT
 FIVE FORKS ROAD
 TO NC 16

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	5	
F.A. PROJECT NO.			



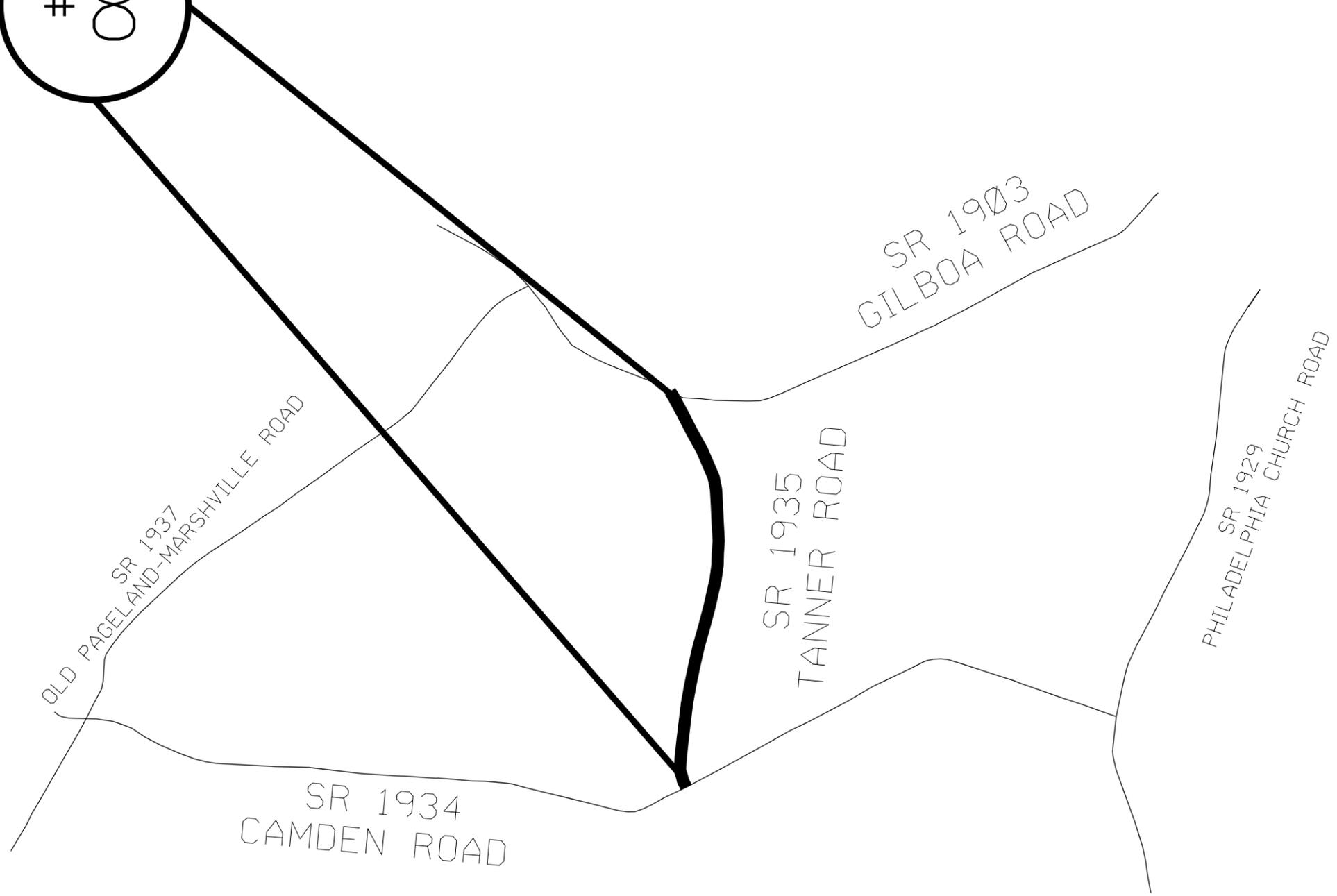
ENLARGED MUNICIPAL AND SUBURBAN AREAS
 UNION COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #7 SR 1195 REV. MORRISON DRIVE
 0.18 MILES
 FROM SR 1143 WESTERN UNION SCHOOL ROAD
 TO END OF MAINTANANCE



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	6	
F.A. PROJECT NO.			

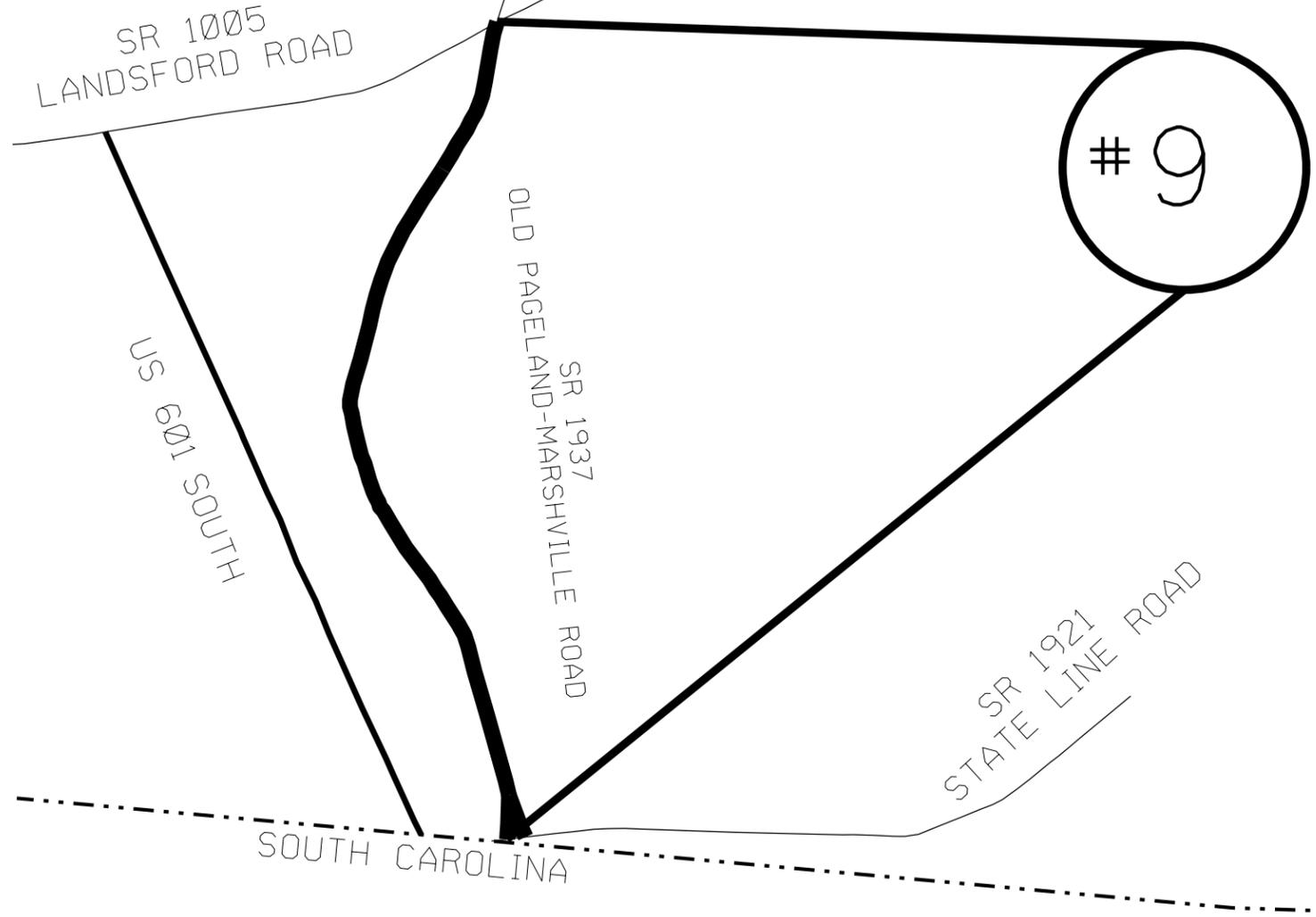
8



ENLARGED MUNICIPAL AND SUBURBAN AREAS
 UNION COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

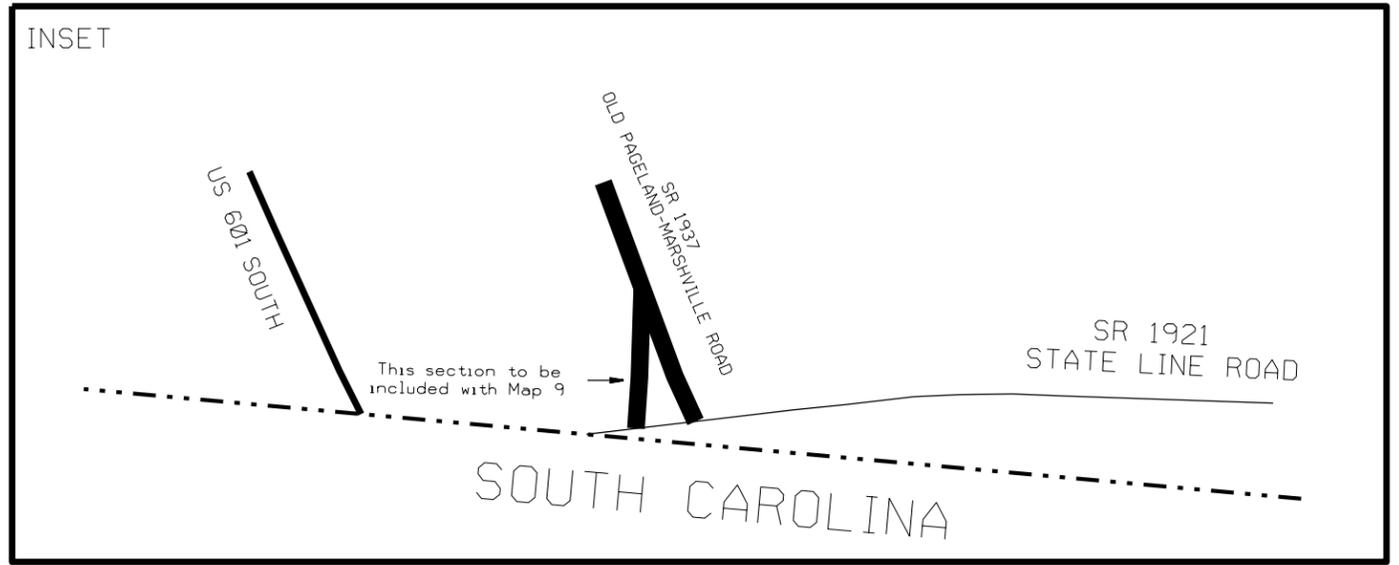
MAP #8 SR 1935 TANNER ROAD
 0.9 MILES
 FROM SR 1934 CAMDEN ROAD
 TO SR 1903 GILBOA ROAD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	7	
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 #9 SR 1937 OLD PAGELAND-MARSHVILLE ROAD
 2.07 MILES
 FROM SR 1005 LANDSFORD ROAD
 TO SR 1921 STATE LINE ROAD



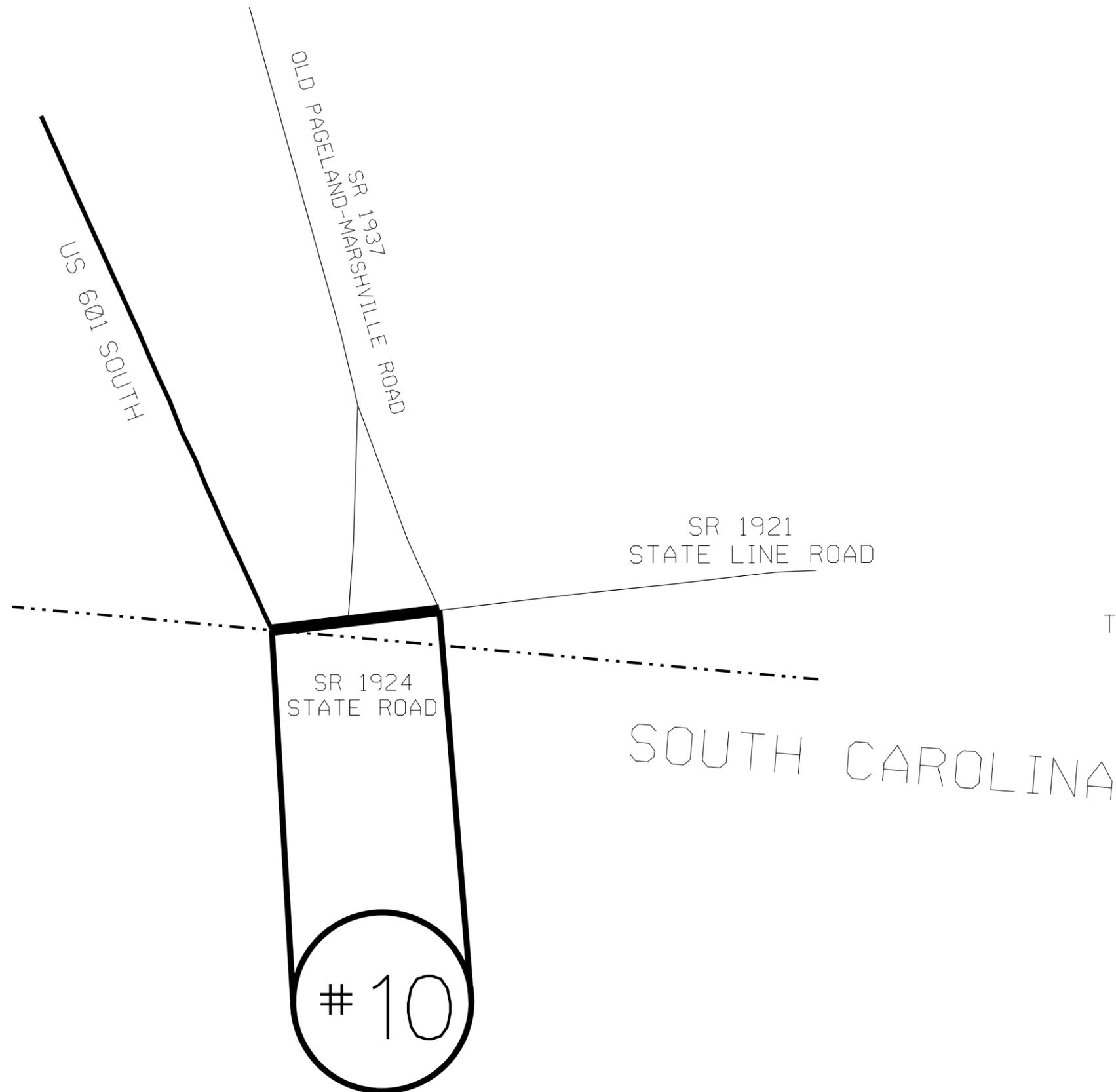
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	8	
F.A. PROJECT NO.			



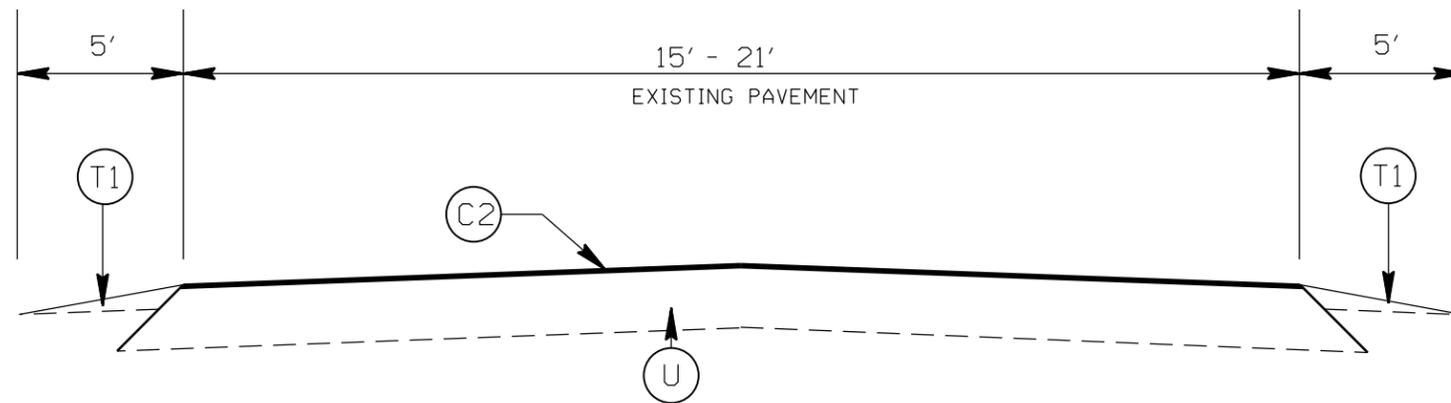
ENLARGED MUNICIPAL AND SUBURBAN AREAS
 UNION COUNTY
 NORTH CAROLINA

PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #10 SR 1924 STATE ROAD
 0.06 MILES
 FROM SOUTH CAROLINA STATE LINE
 TO SR 1937 OLD PAGELAND-MARSHVILLE ROAD



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	9	
F.A. PROJECT NO.			



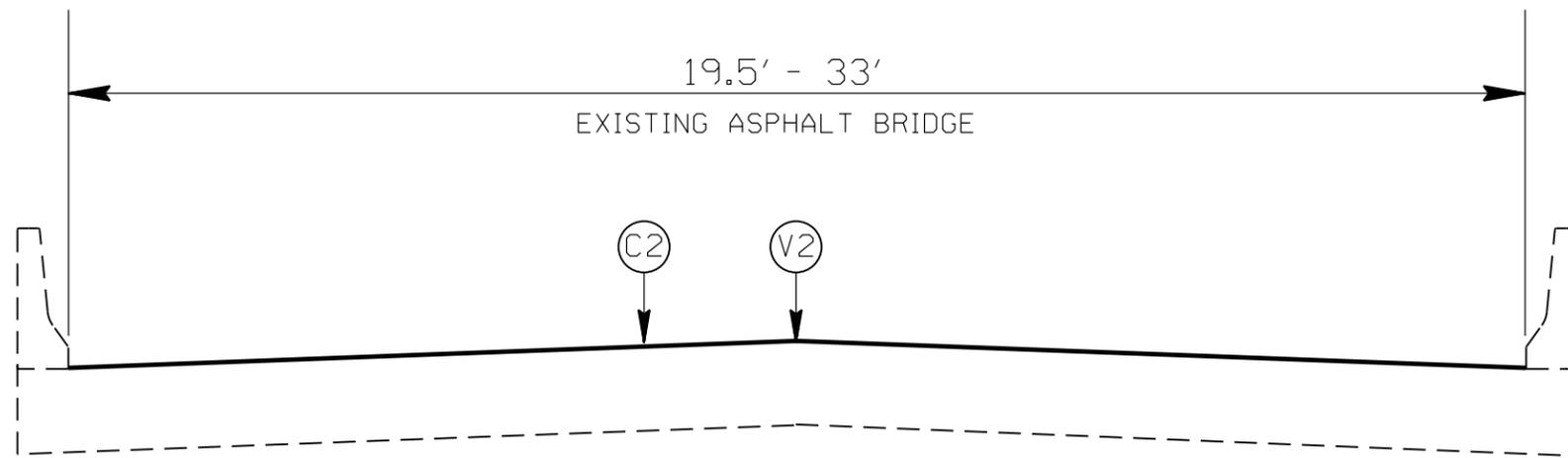
TYPICAL SECTION 1
 SR 1126 BIGHAM ROAD (MAP 1)
 SR 1137 SOUTH POTTER ROAD (MAP 2)
 SR 1310 HENRY NESBIT ROAD (MAP 3)
 SR 1131 NESBIT ROAD (MAP 4)
 SR 1195 REV. MORRISON DRIVE (MAP 7)

PAVEMENT SCHEDULE

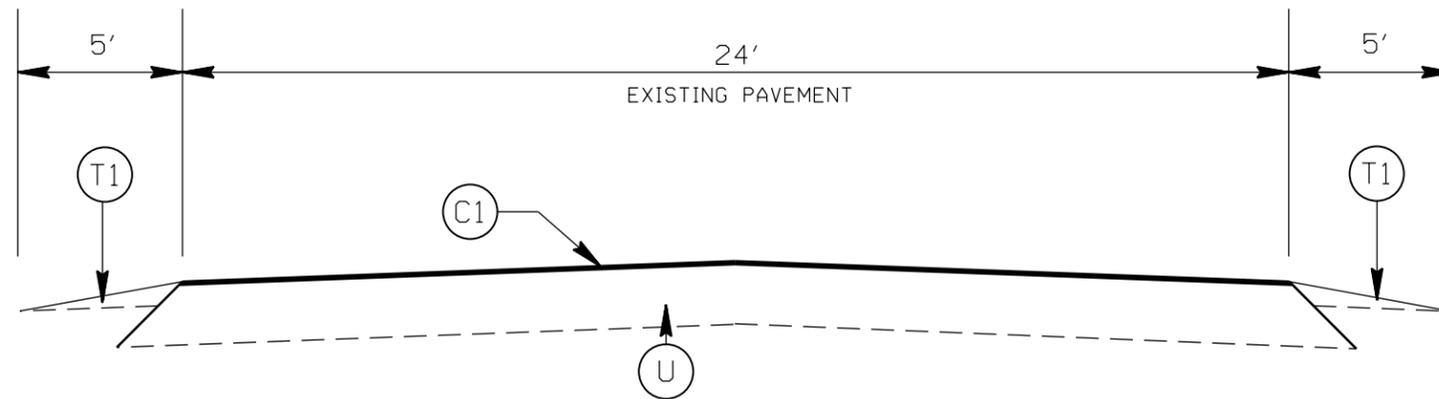
(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
(E1)	PROPOSED 5.0" ASPHALT CONC. BASE CORSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING 1' OF EXISTING ASPHALT PAVEMENT, 5" DEPTH. (SEE S.P. TRENCHING FOR BASE COURSE BY MILLING.)
(V2)	MILLING EXISTING ASPHALT PAVEMENT, 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

2022-2023
 UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	10/21		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED			



TYPICAL SECTION 2
SR 1126 BIGHAM ROAD (MAP 1)
SR 1137 SOUTH POTTER ROAD (MAP 2)



TYPICAL SECTION 3
SR 1321 CUTHBERTSON ROAD (MAP 6)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	10	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 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. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
(E1)	PROPOSED 5.0" ASPHALT CONC. BASE CORSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING 1" OF EXISTING ASPHALT PAVEMENT, 5" DEPTH. (SEE S.P. TRENCHING FOR BASE COURSE BY MILLING.)
(V2)	MILLING EXISTING ASPHALT PAVEMENT, 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

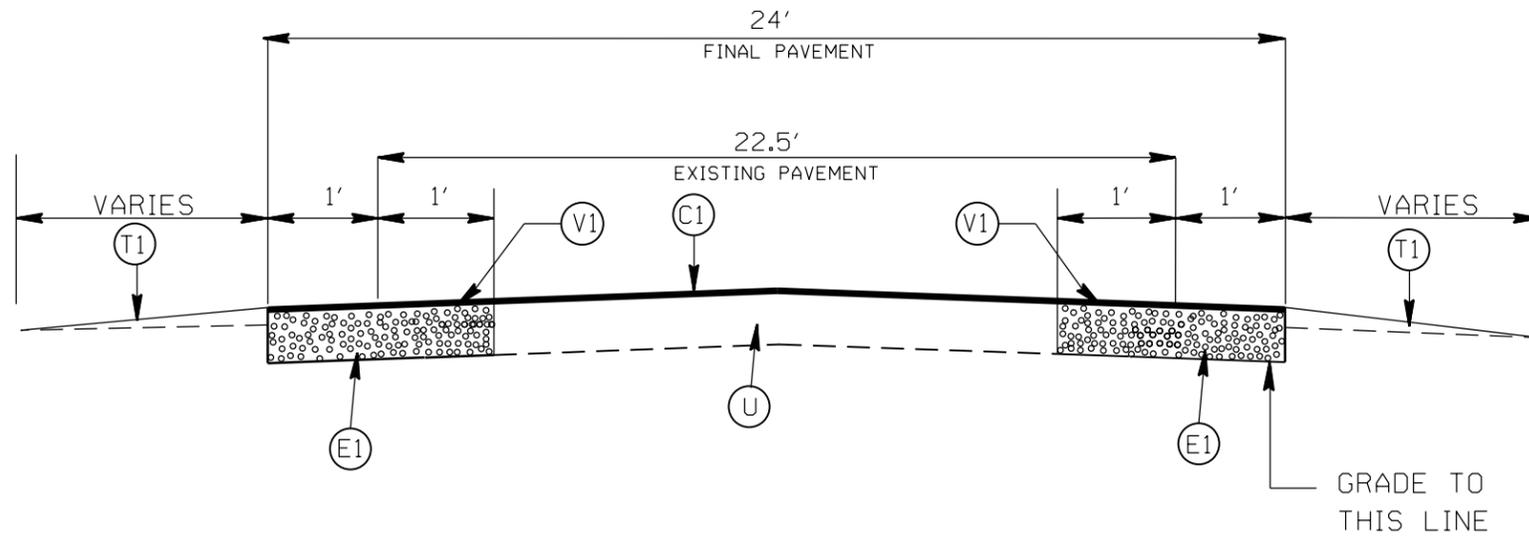
2022-2023
UNION COUNTY RESURFACING

SCALE -NA-
DATE 10/21
DWG. BY AMO
DESIGN BY AMO
APPROVED



REVISIONS

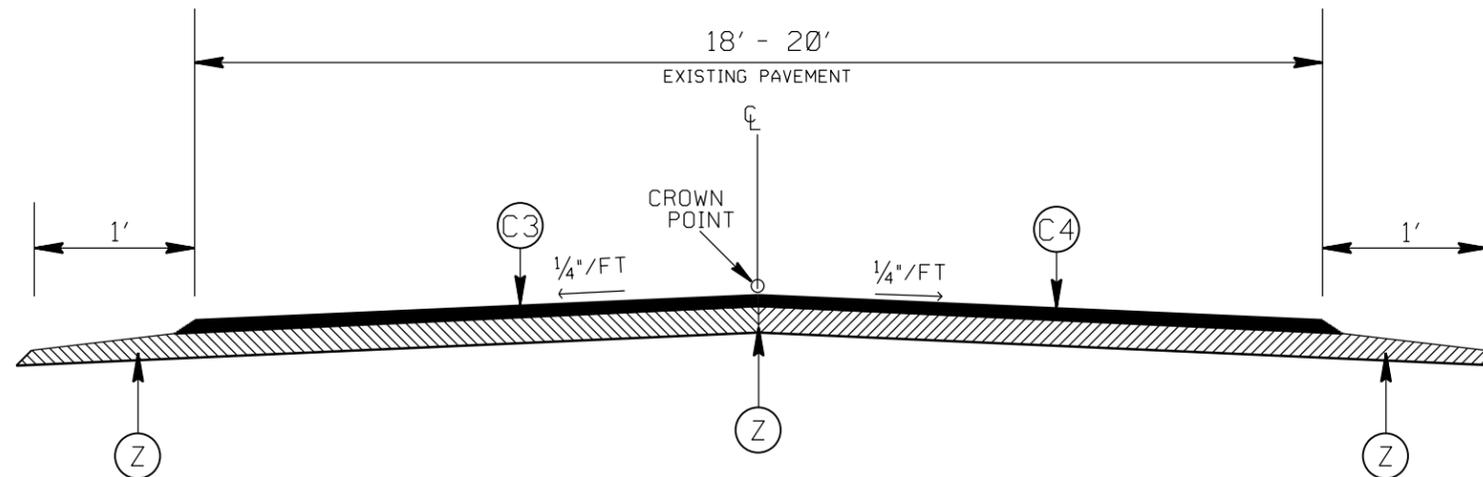
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	11	
F.A. PROJECT NO.			



TYPICAL SECTION 4
SR 1321 CUTHBERTSON ROAD (MAP 5)

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 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. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
(E1)	PROPOSED 5.0" ASPHALT CONC. BASE CORSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING 1" OF EXISTING ASPHALT PAVEMENT, 5" DEPTH. (SEE S.P. TRENCHING FOR BASE COURSE BY MILLING.)
(Z)	FULL DEPTH RECLAMATION

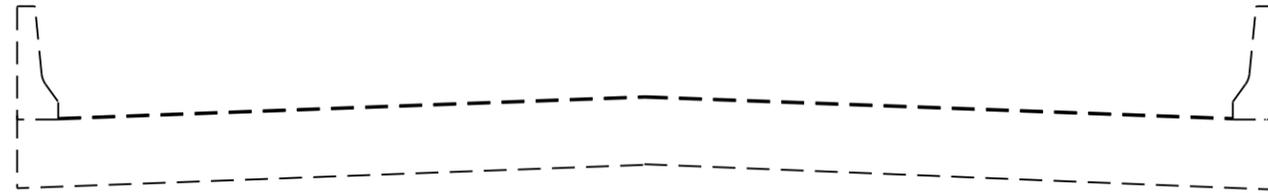


TYPICAL SECTION 5
SR 1935 TANNER ROAD (MAP 8)
SR 1937 OLD PAGELAND-MARSHVILLE ROAD (MAP 9)
SR 1924 STATE ROAD (MAP 10)

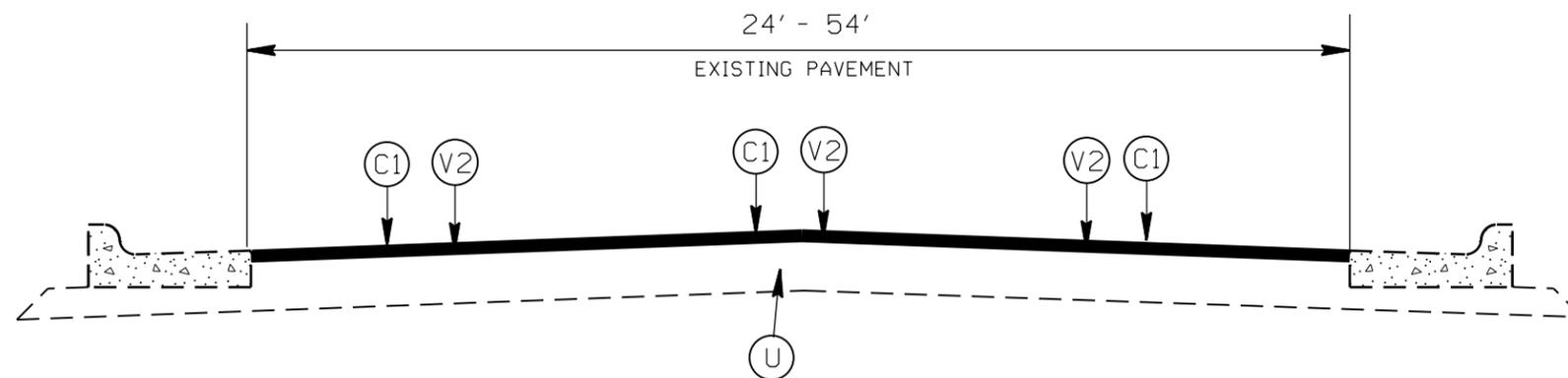
2022-2023
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	10/21			
DWG. BY	AMO			
DESIGN BY	AMO			
APPROVED				

NO WORK
EXISTING CONCRETE BRIDGE



TYPICAL SECTION 6
SR 1321 CUTHBERTSON ROAD (MAP 6)



TYPICAL SECTION 7
SR 1321 CUTHBERTSON ROAD (MAP 6)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	12	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 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. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
(E1)	PROPOSED 5.0" ASPHALT CONC. BASE CORSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING 1' OF EXISTING ASPHALT PAVEMENT, 5" DEPTH. (SEE S.P. TRENCHING FOR BASE COURSE BY MILLING.)
(V2)	MILLING EXISTING ASPHALT PAVEMENT, 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

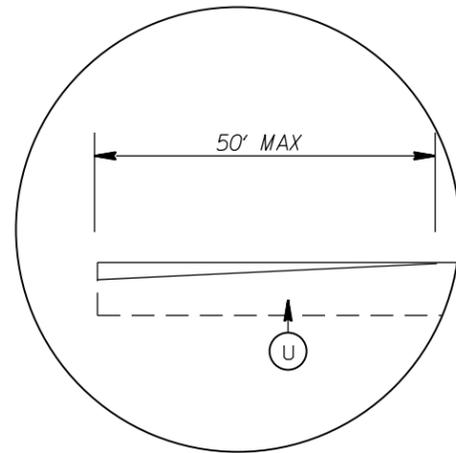
2022-2023
UNION COUNTY RESURFACING

SCALE -NA-
DATE 10/21
DWG. BY AMO
DESIGN BY AMO
APPROVED

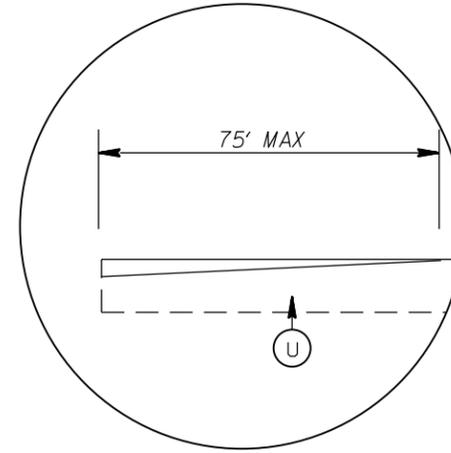


REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	13	
F.A. PROJECT NO.			



DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")
TIE IN

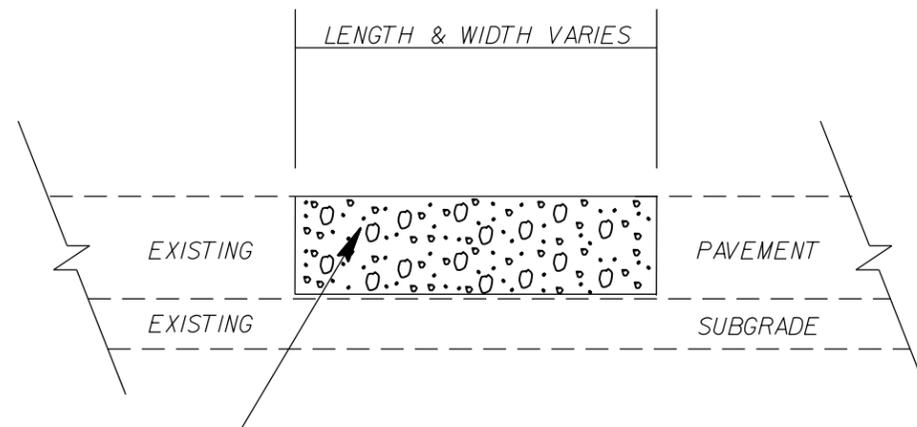


DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")
TIE IN

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 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. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
(E1)	PROPOSED 5.0" ASPHALT CONC. BASE CORSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING 1' OF EXISTING ASPHALT PAVEMENT, 5" DEPTH. (SEE S.P. TRENCHING FOR BASE COURSE BY MILLING.)
(V2)	MILLING EXISTING ASPHALT PAVEMENT, 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

PATCHING DETAIL



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

NOTE:

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

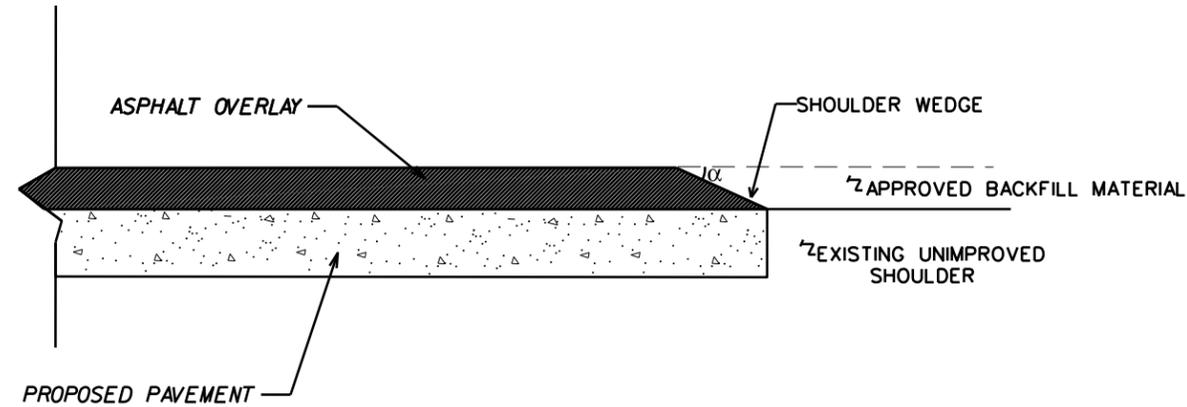
2022-2023
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	10/21		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED			

NOTES:

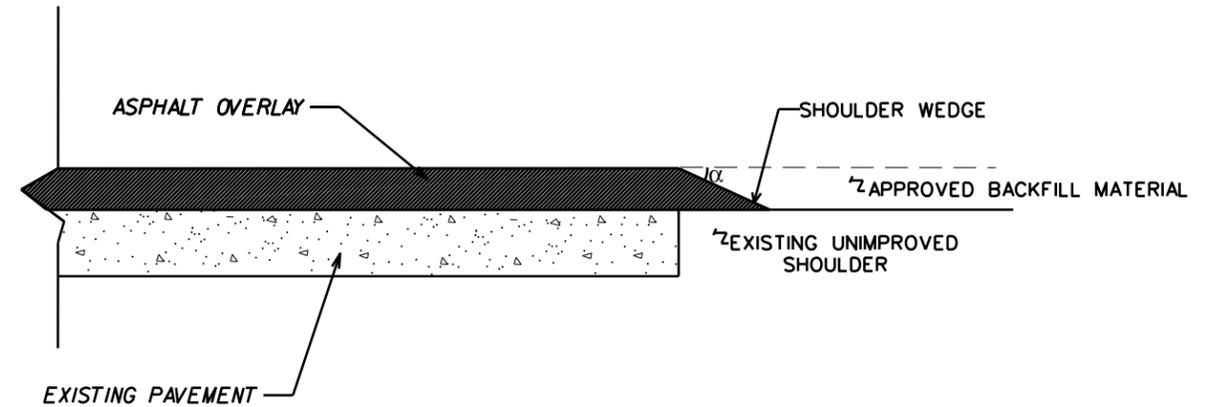
- 1) DETAIL DOES NOT APPLY TO OGAFCC AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	14	
F.A. PROJECT NO.			



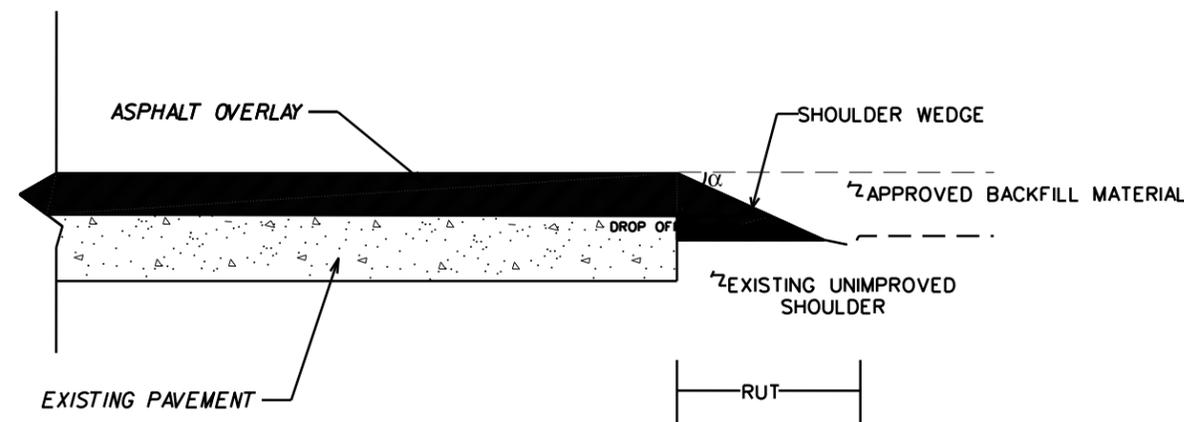
SHOULDER WEDGE DETAIL

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



SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ NO WIDENING)



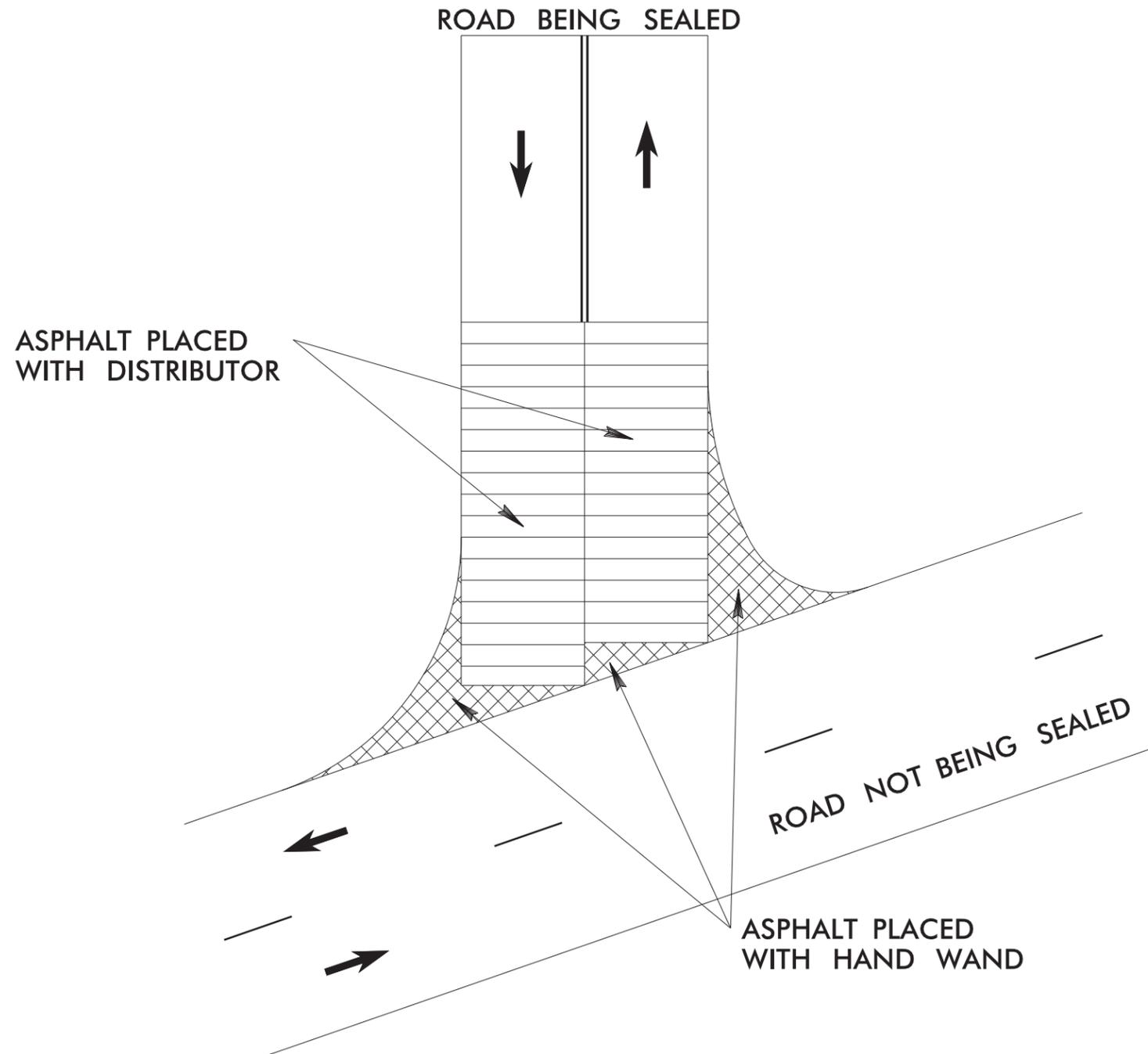
SHOULDER WEDGE DETAIL
(RESURFACING ADJACENT TO RUTTED SHOULDER)

$\alpha = 30$ DEGREES

SHOULDER WEDGE DETAILS			
SCALE	-NA-		REVISIONS
DATE	11/20		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED			

INTERSECTION EMULSION PLACEMENT TWO LANE TWO WAY ROADWAY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902		
F.A. PROJECT NO.			



LEGEND

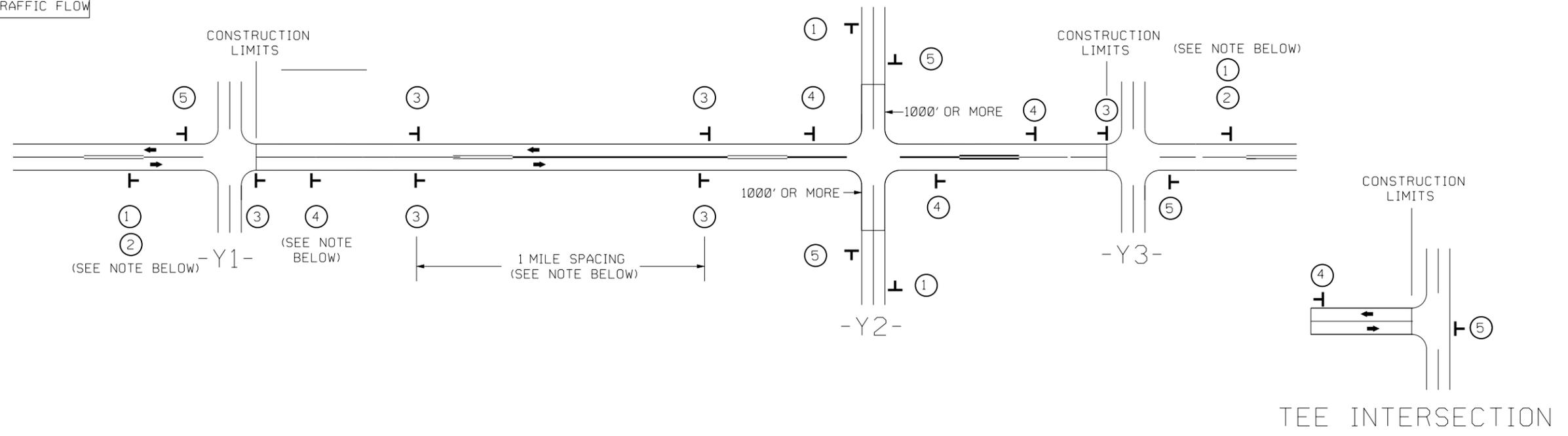
- ➔ DIRECTION OF TRAFFIC FLOW
- SKIP LINES
- === DOUBLE YELLOW LINES

INTERSECTION EMULSION PLACEMENT		REVISIONS
SCALE	N/A	
DATE	9-2019	
DWG. BY	TBL	
DESIGN BY	TBL	
APPROVED	TWB	



SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 (1)  (2)	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. *2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.   PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.
	 (3)	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	 (4)	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	 (5)	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.		

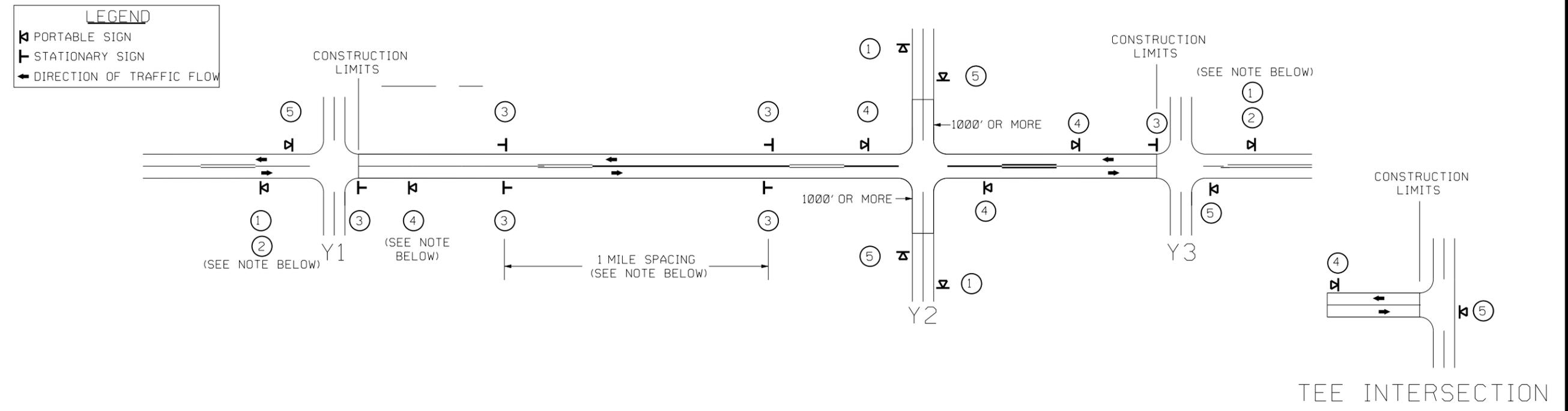
MAPS LESS THAN 2 MILES

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



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

SIGNING FOR ASPHALT SURFACE TREATMENT



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

TEE INTERSECTION

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>① <p>② </p></p>	<p>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>- 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.</p>	<p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <p>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS</p> <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	<p>③ <p> </p></p>	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
	<p>④ </p>	<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- 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>⑤ </p>	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	
	<p>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.</p>		

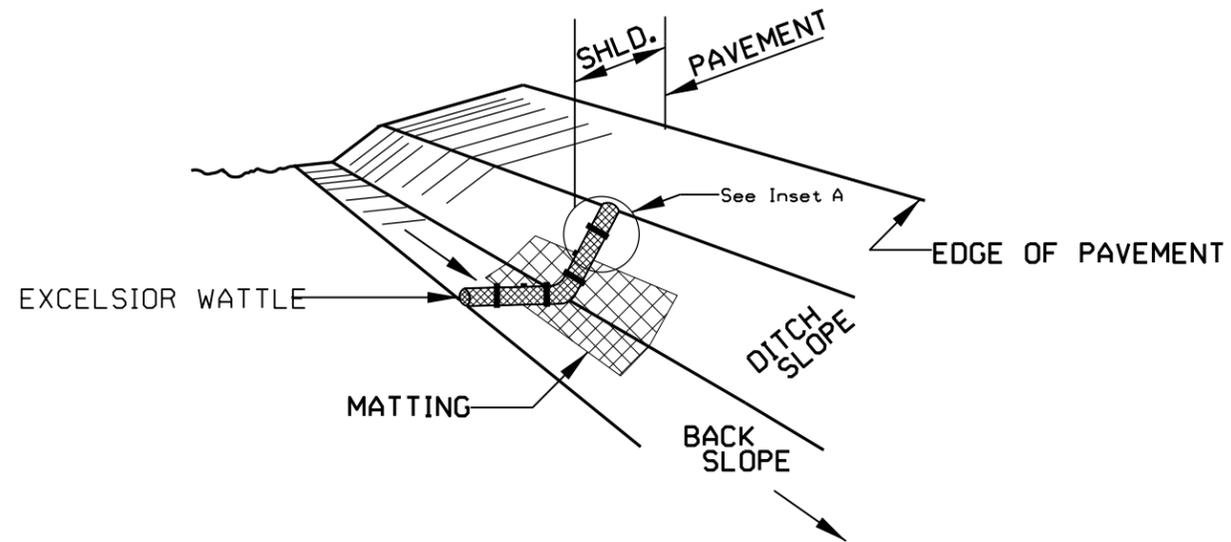
MAPS LESS THAN 2 MILES

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.

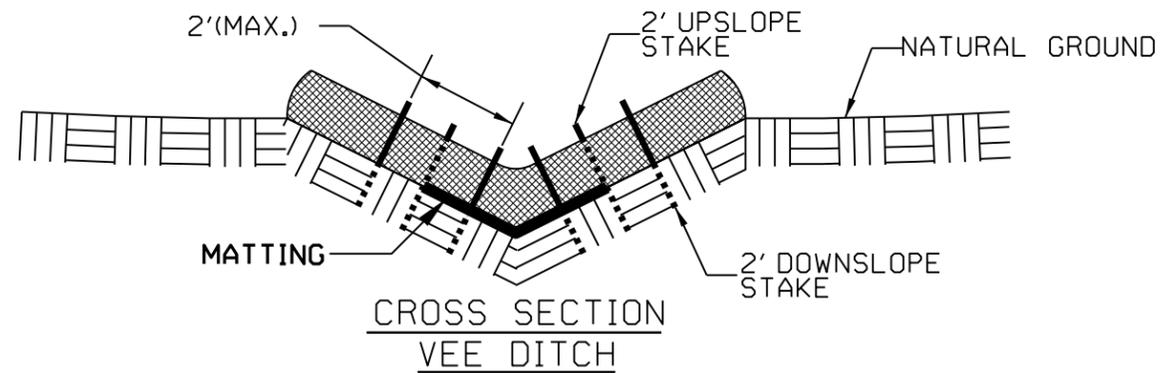


ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

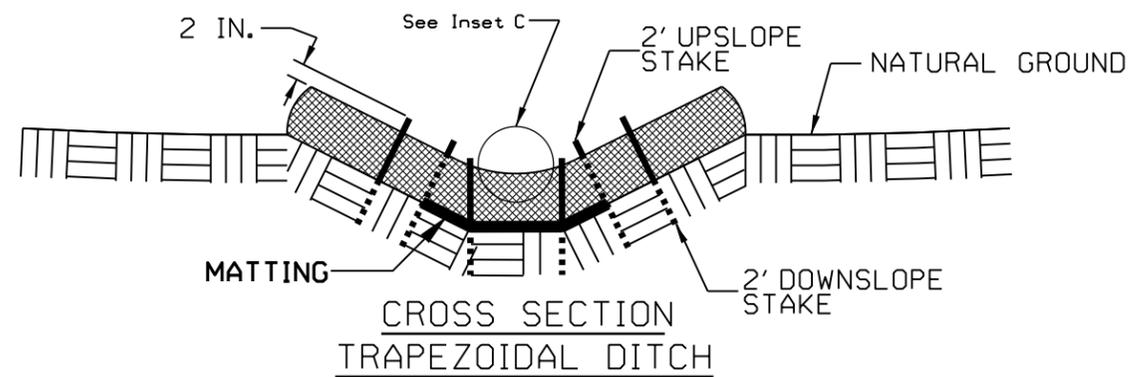
WATTLE WITH POLYACRYLAMIDE DETAIL



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.

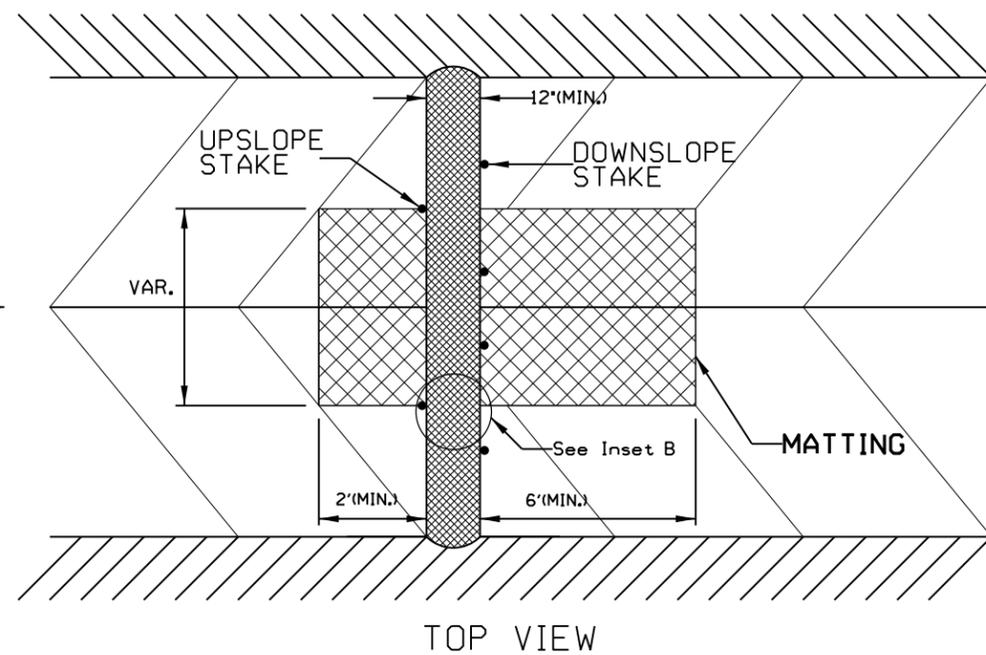
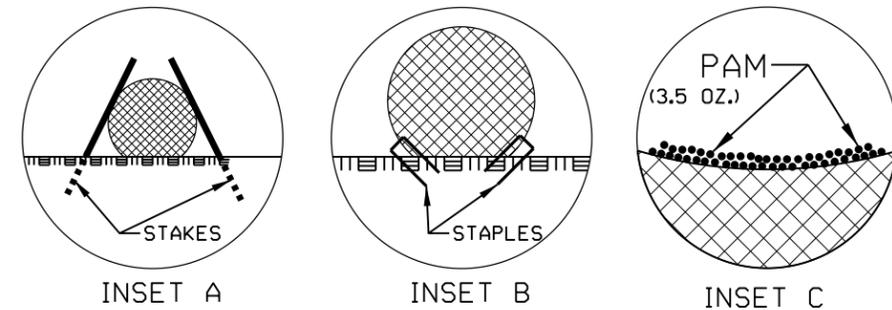
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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.

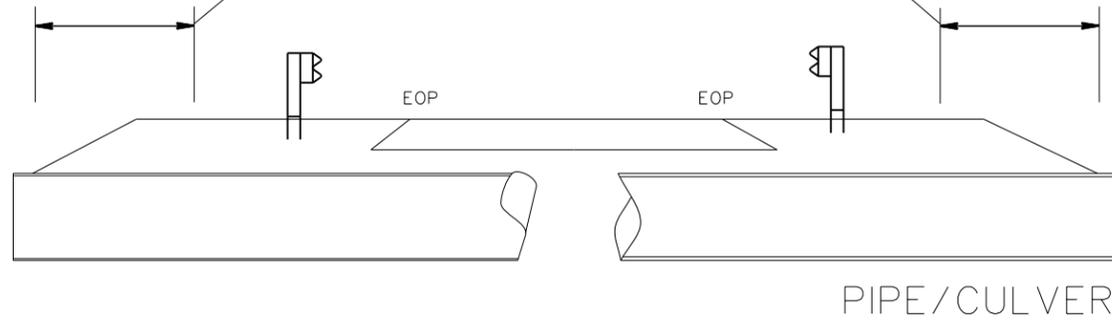


TOP VIEW

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

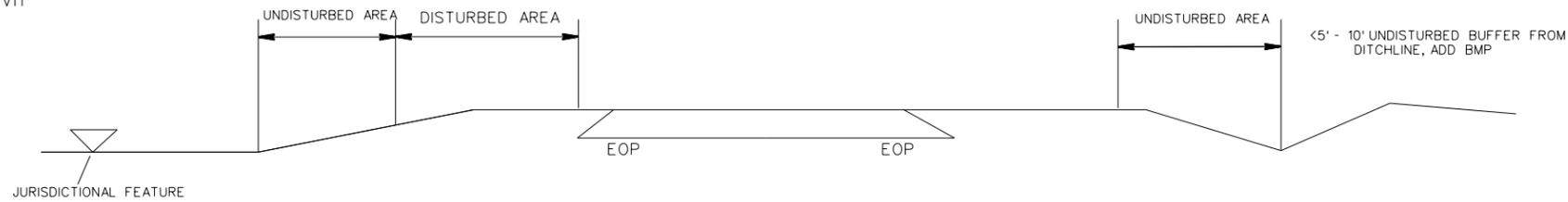
BMP OPTIONS: WATTLE OR SILT FENCE

<5' - 10' UNDISTURBED BUFFER ADD BMP

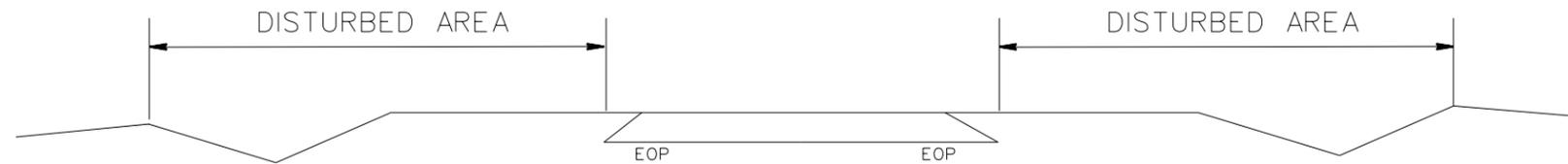


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.19.20901 2022CPT.10.11.20902	EC2	
F.A. PROJECT NO.			

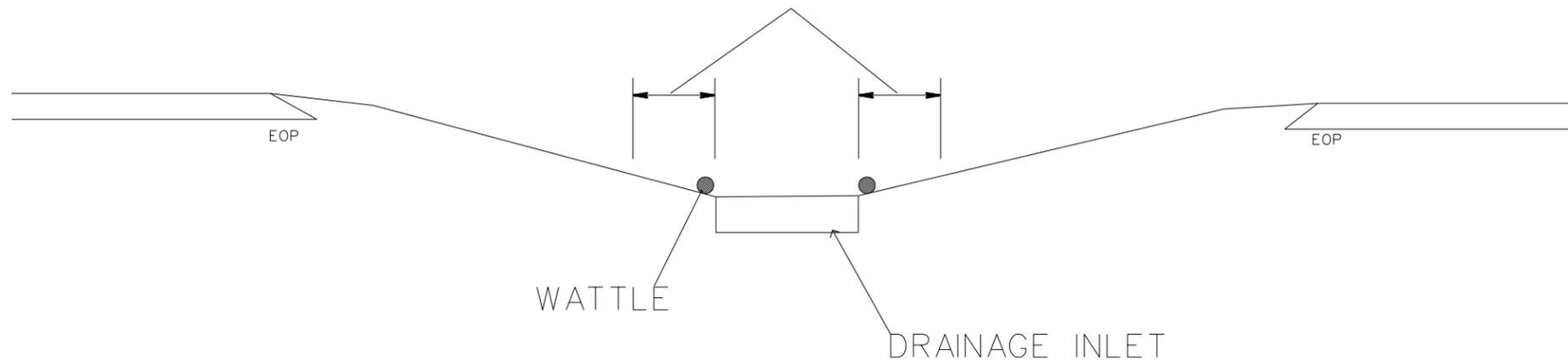
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



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	11/20
DWG. BY	AMO
DESIGN BY	AMO
APPROVED	



REVISIONS	

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.10.19.20901,	20	22
2022CPT.10.11.20902		

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	0106000000-E	0241000000-E	1187000000-E	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E		
												BORROW	GENERIC GRADING ITEM, SOIL CEMENT BASE (FULL DEPTH RECLAMATION)	PORTLAND CEMENT FOR SOIL CEMENT BASE	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1 1/2" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT		
												MI	FT	CY	SY	TON	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	
2022CPT.10.19.20901	Union	1	SR 1126 BIGHAM ROAD	FROM SR 1125 BRADY ROAD TO SR 1128 MCWHORTER ROAD MILEPOST 0 TO 2.09	1,2	2	2WU	NO	NO	2.09	20	320				135	4.20	378	340		2,250	1,135			227	900	
TOTAL FOR MAP NO. 1												2.09		320			135	4.20	378	340		2,250	1,135			227	900
2022CPT.10.19.20901	Union	2	SR 1137 SOUTH POTTER ROAD	FROM NC 200 SOUTH TO SR 1128 MCWHORTER ROAD MILEPOST 4.22 TO 5.54	1,2	2	2WU	NO	NO	1.32	21	205				60	2.60	735	350		1,545	750			154	560	
TOTAL FOR MAP NO. 2												1.32		205			60	2.60	735	350		1,545	750			154	560
2022CPT.10.19.20901	Union	3	SR 1310 HENRY NESBIT ROAD	FROM SR 1307 WAXHAW-MARVIN ROAD TO SOUTH CAROLINA STATE LINE MILEPOST 0 TO 0.12	1	2	2WU	NO	NO	0.12	18.5	20				0.20			367		125	65			13	70	
TOTAL FOR MAP NO. 3												0.12		20			0.20			367		125	65			13	70
2022CPT.10.19.20901	Union	4	SR 1131 NESBIT ROAD	FROM SR 1128 TOM STARNES ROAD TO NC 200 SOUTH MILEPOST 1.44 TO 4.03	1	2	2WU	NO	NO	2.58	18	395				155	5.20		316		2,515	1,255			253	1,420	
TOTAL FOR MAP NO. 4												2.58		395			155	5.20		316		2,515	1,255			253	1,420
2022CPT.10.19.20901	Union	5	SR 1321 CUTHBERTSON ROAD	FROM SR 1315 NEWTOWN ROAD TO PAVEMENT JOINT AT FIVE STONE CHURCH MILEPOST 0 TO 0.47	4	2	2WU	NO	NO	0.47	24	75				30	0.90		420	315			640	310	73	305	
TOTAL FOR MAP NO. 5												0.47		75			30	0.90		420	315			640	310	73	305
2022CPT.10.19.20901	Union	6	SR 1321 CUTHBERTSON ROAD	FROM PAVEMENT JOINT AT FIVE FORKS ROAD TO PVMT JT AT NC 16 MILEPOST 1.55 TO 2.75	3,6,7	2	MU	NO	NO	1.2	24-54	170				25	2.20	3,150	360				2,040	890	180	780	
TOTAL FOR MAP NO. 6												1.2		170			25	2.20	3,150	360				2,040	890	180	780
2022CPT.10.19.20901	Union	7	SR 1195 REV. MORRISON DRIVE	FROM SR 1143 WESTERN UNION SCHOOL ROAD TO END OF MAINTENANCE MILEPOST 0 TO 0.18	1	2	2WU	NO	NO	0.18	15	28				30	0.40		125		145	75			15	100	
TOTAL FOR MAP NO. 7												0.18		28			30	0.40		125		145	75			15	100
2022CPT.10.19.20901	Union	8	SR 1935 TANNER ROAD	FROM SR 1934 CAMDEN ROAD TO SR 1903 GILBOA ROAD MILEPOST 0 TO 0.90	5	2	2WU	NO	NO	0.9	20					50			222		640				43		
TOTAL FOR MAP NO. 8												0.9					50			222		640			43		
2022CPT.10.19.20901	Union	9	SR 1937 OLD PAGELAND-MARSHVILLE ROAD	FROM SR 1921 STATE LINE ROAD TO SR 1005 LANDSFORD ROAD MILEPOST 0 TO 2.07	5	2	2WU	NO	NO	2.07	18					185			310		1,345				90		
TOTAL FOR MAP NO. 9												2.07					185			310		1,345			90		
2022CPT.10.19.20901	Union	10	SR 1924 STATE ROAD	FROM SOUTH CAROLINA STATE LINE TO PAVEMENT JOINT AT SR 1937 OLD PAGELAND-MARSHVILLE ROAD MILEPOST 0 TO 0.06	5	2	2WU	NO	NO	0.06	20								222		40				3		
TOTAL FOR MAP NO. 10												0.06								222		40			3		
TOTAL FOR PROJ NO. 2022CPT.10.19.20901												10.99		1,213			670	15.70	4,263	3,032	315	8,605	3,280	2,680	1,200	1,051	4,135
2022CPT.10.11.20902	Union	8	SR 1935 TANNER ROAD	FROM SR 1934 CAMDEN ROAD TO SR 1903 GILBOA ROAD MILEPOST 0 TO 0.9	5	2	2WU	NO	NO	0.9	20					11,626.00			390.00								
TOTAL FOR MAP NO. 8												0.9					11,626.00			390.00							
2022CPT.10.11.20902	Union	9	SR 1937 OLD PAGELAND-MARSHVILLE ROAD	FROM SR 1921 STATE LINE ROAD TO SR 1005 LANDSFORD ROAD MILEPOST 0 TO 2.07	5	2	2WU	NO	NO	2.07	18					24,282.00			813.00								
TOTAL FOR MAP NO. 9												2.07					24,282.00			813.00							
2022CPT.10.11.20902	Union	10	SR 1924 STATE ROAD	FROM SOUTH CAROLINA STATE LINE TO PAVEMENT JOINT AT SR 1937 OLD PAGELAND-MARSHVILLE ROAD MILEPOST 0 TO 0.06	5	2	2WU	NO	NO	0.06	20					734.00			24.00								
TOTAL FOR MAP NO. 10												0.06					734.00			24.00							
TOTAL FOR PROJ NO. 2022CPT.10.11.20902												3.03					36,642.00			1,227.00							
GRAND TOTAL												14.02		1,213			670	15.70	4,263	3,032	315	8,605	3,280	2,680	1,200	1,051	4,135

