

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.02.20042 2023CPT.10.02.20902	1	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

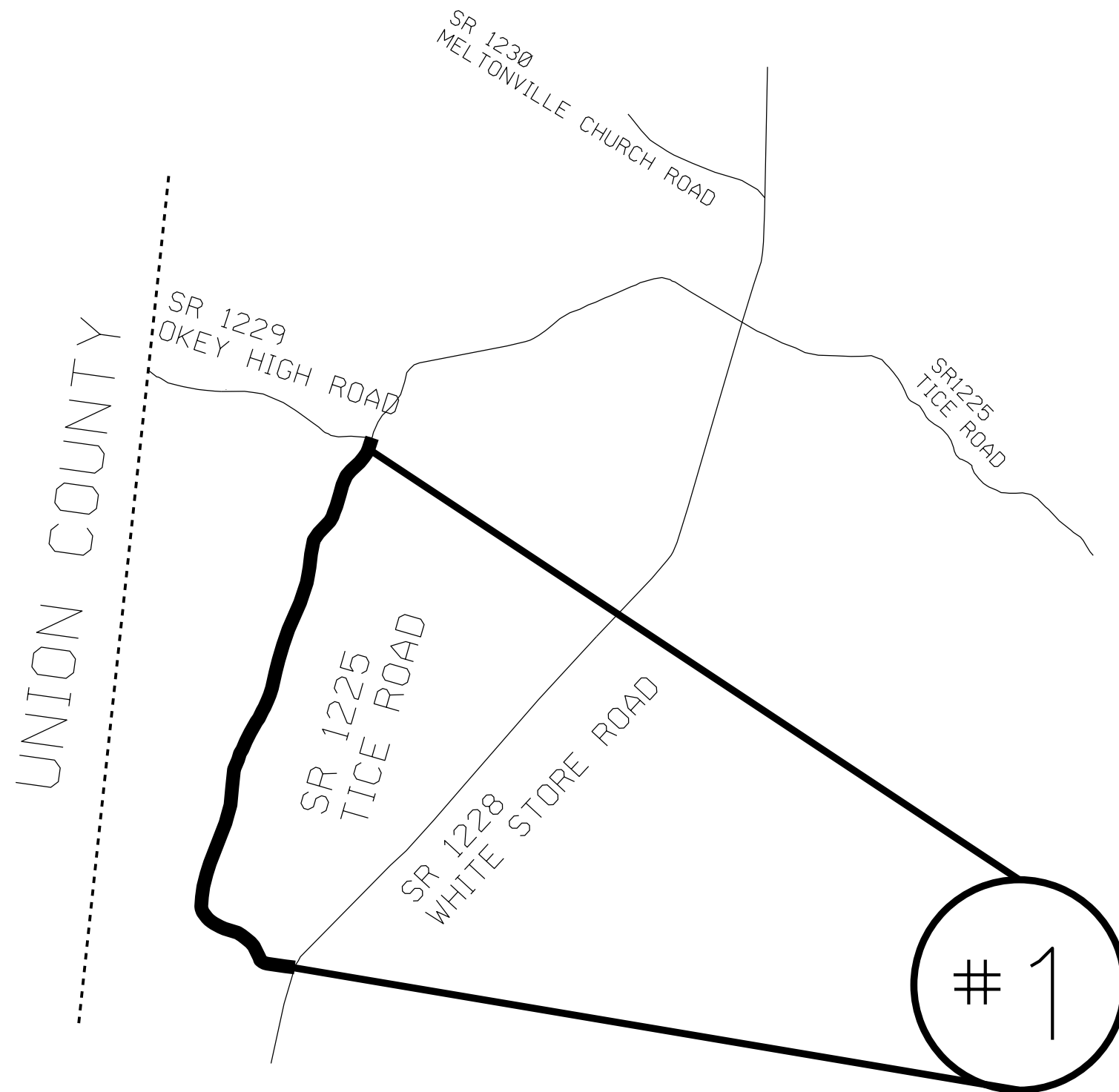
ANSON COUNTY

NORTH CAROLINA

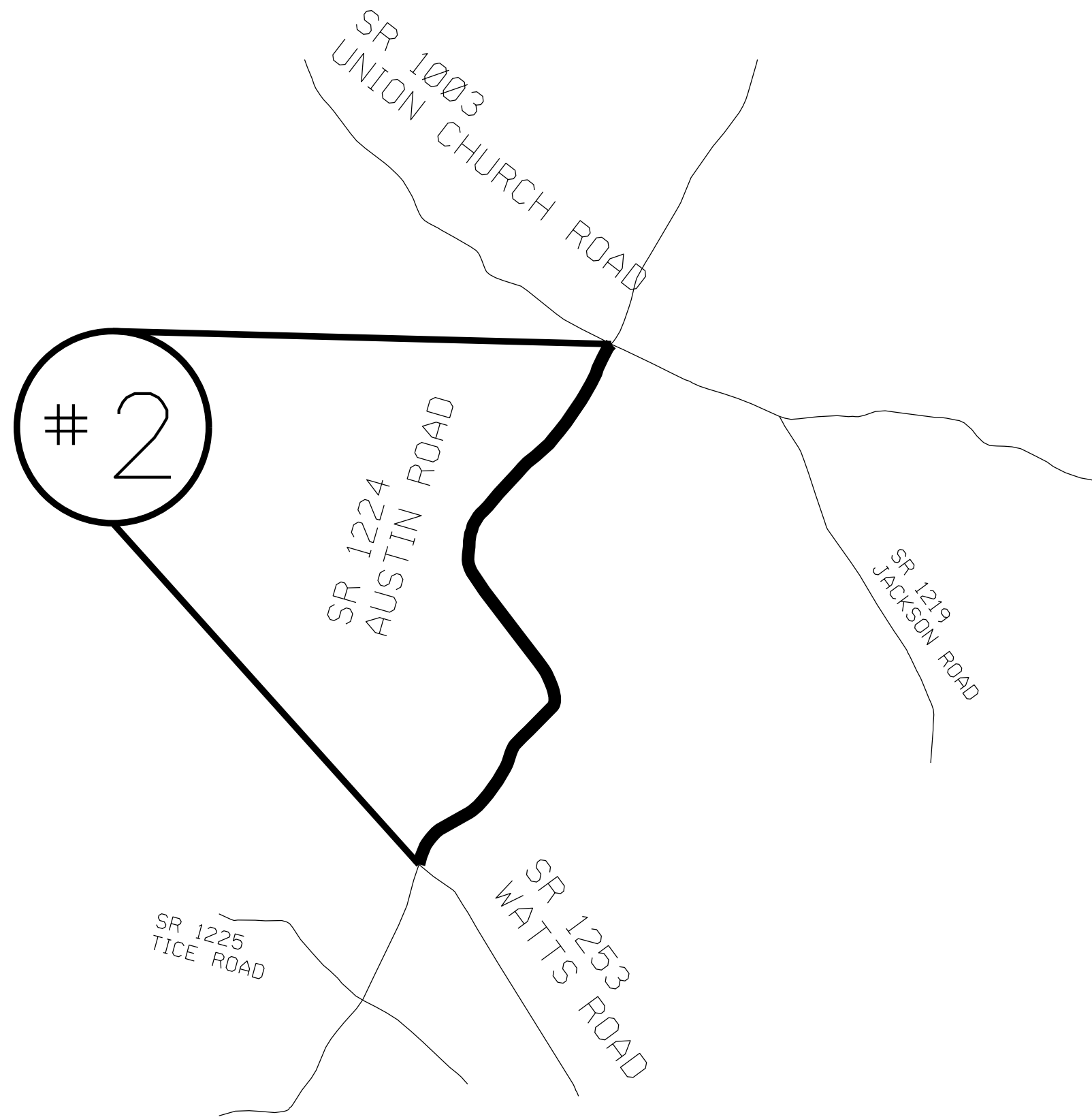
PREPARED BY THE

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

MAP #1 SR 1225 TICE ROAD
1.36 MILES
FROM SR 1229 OKEY HIGH ROAD
TO SR 1228 WHITE STORE ROAD



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	2023CPT.10.02.20042 2023CPT.10.02.20902	2	
F.A. PROJECT NO.			

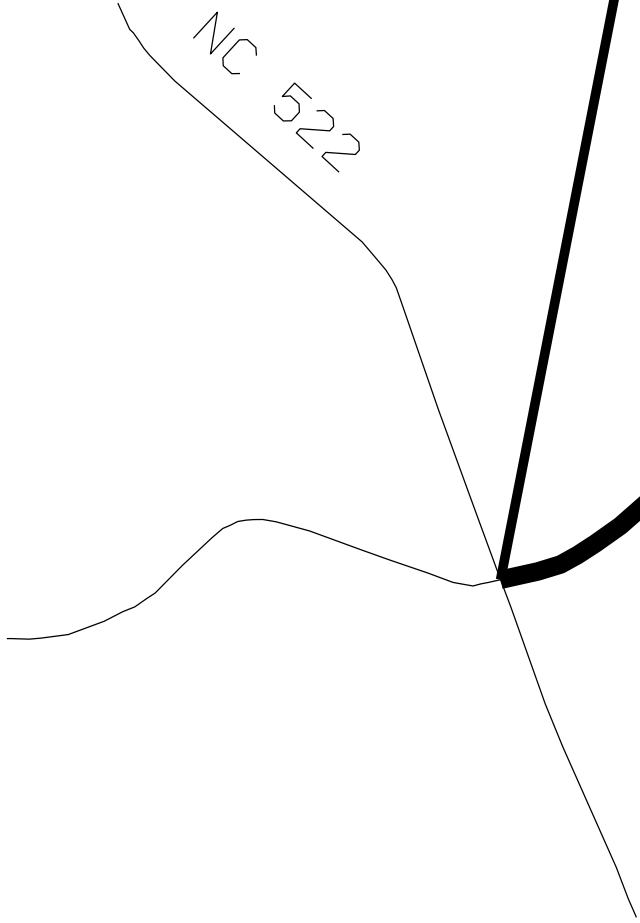


ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP # 2 SR 1224 AUSTIN ROAD
 1.87 MILES
 FROM SR 1003 UNION CHURCH ROAD
 TO SR 1253 WATTS ROAD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.02.20042 2023CPT.10.02.20902	3	
F.A. PROJECT NO.			

3



SR 2146
PLYLER MILL ROAD

SR 1134
LATHAN ROAD

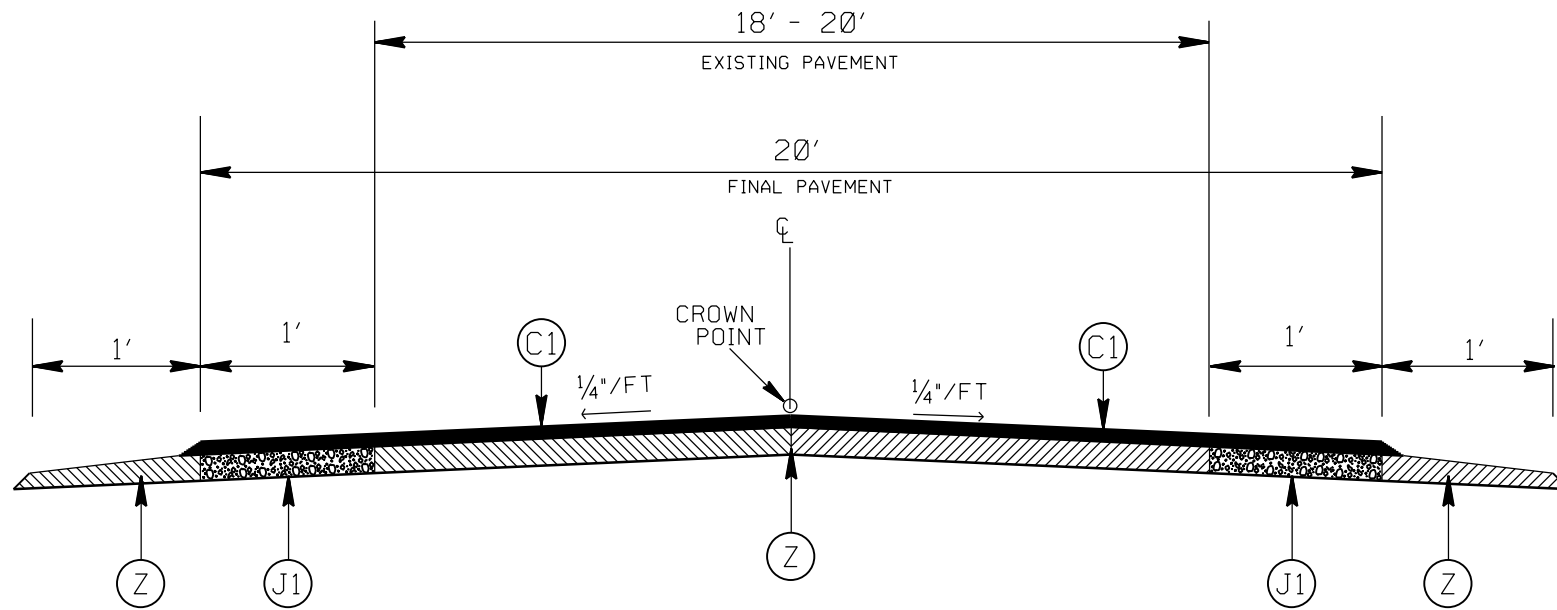
NC 522



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 #3 SR 1134 LATHAN ROAD
 2.0 MILES
 FROM NC 522
 TO SR 2146 PLYLER MILL ROAD

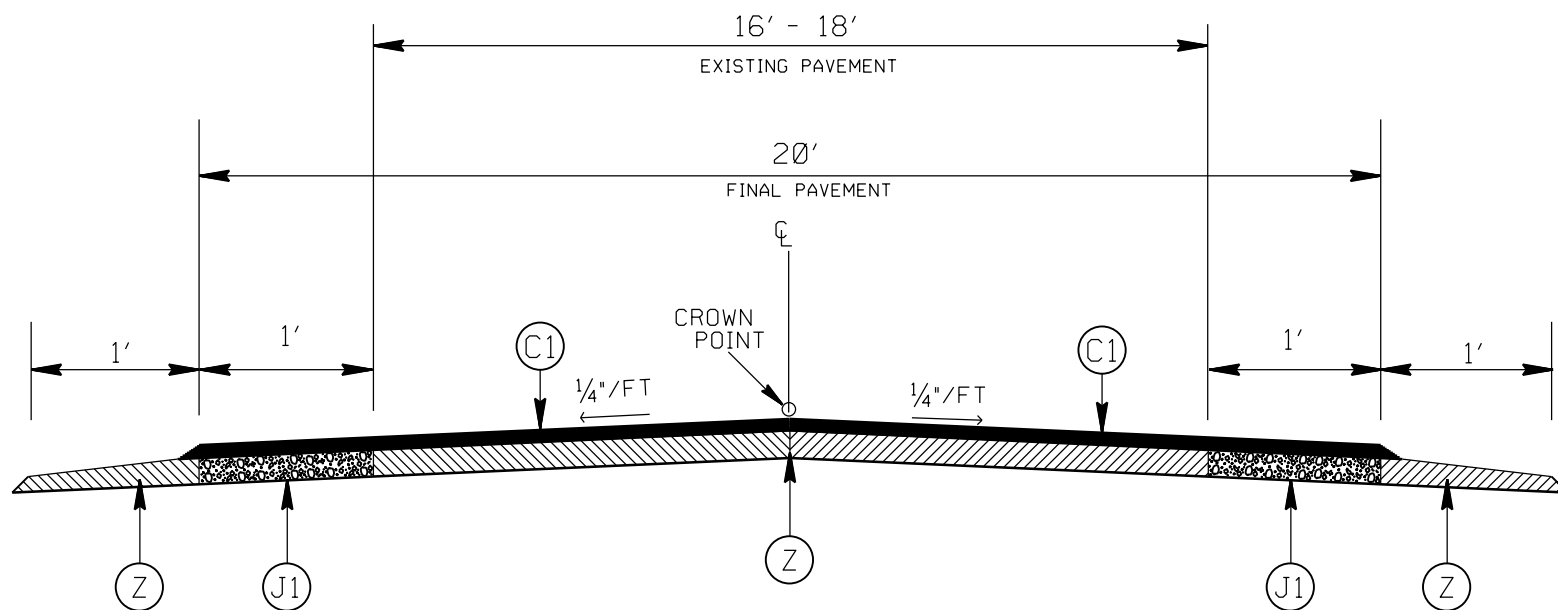
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.02.20042 2023CPT.10.02.20902	4	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1
SR 1225 TICE ROAD (MAP 1)

PAVEMENT SCHEDULE

(C1)	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(J1)	PROP. 8" AGGREGATE BASE COURSE (SEE S.P. FOR TRENCHING FOR ABC)
(Z)	FULL DEPTH RECLAMATION

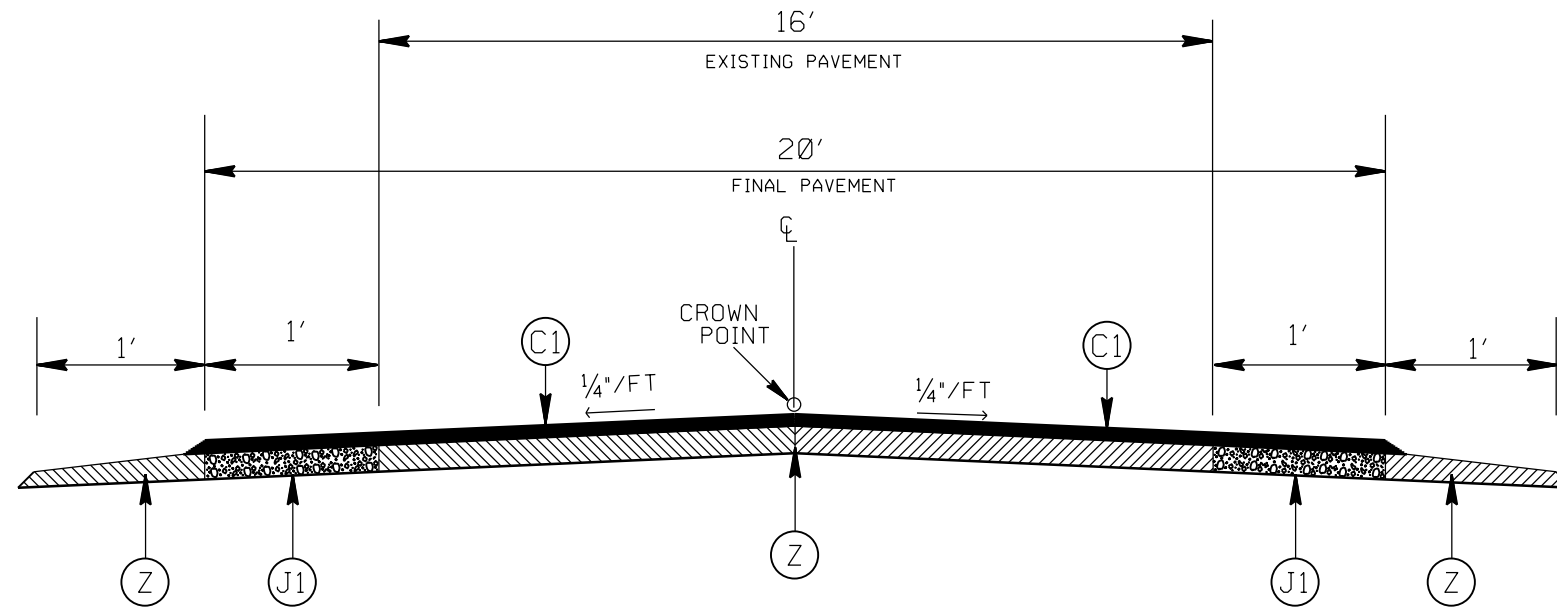


TYPICAL SECTION NO. 2
SR 1224 AUSTIN ROAD (MAP 2)

2023-2024
ANSON/UNION COUNTY
FULL DEPTH RECLAMATION

SCALE	-NA-		REVISIONS
DATE	7/21		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.02.20042 2023CPT.10.02.20902	5	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 3
SR 1134 LATHAN ROAD (MAP 3)

PAVEMENT SCHEDULE

(C1)	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(J1)	PROP. 8" AGGREGATE BASE COURSE (SEE S.P. FOR TRENCHING FOR ABC)
(Z)	FULL DEPTH RECLAMATION

2023-2024
ANSON/UNION COUNTY
FULL DEPTH RECLAMATION

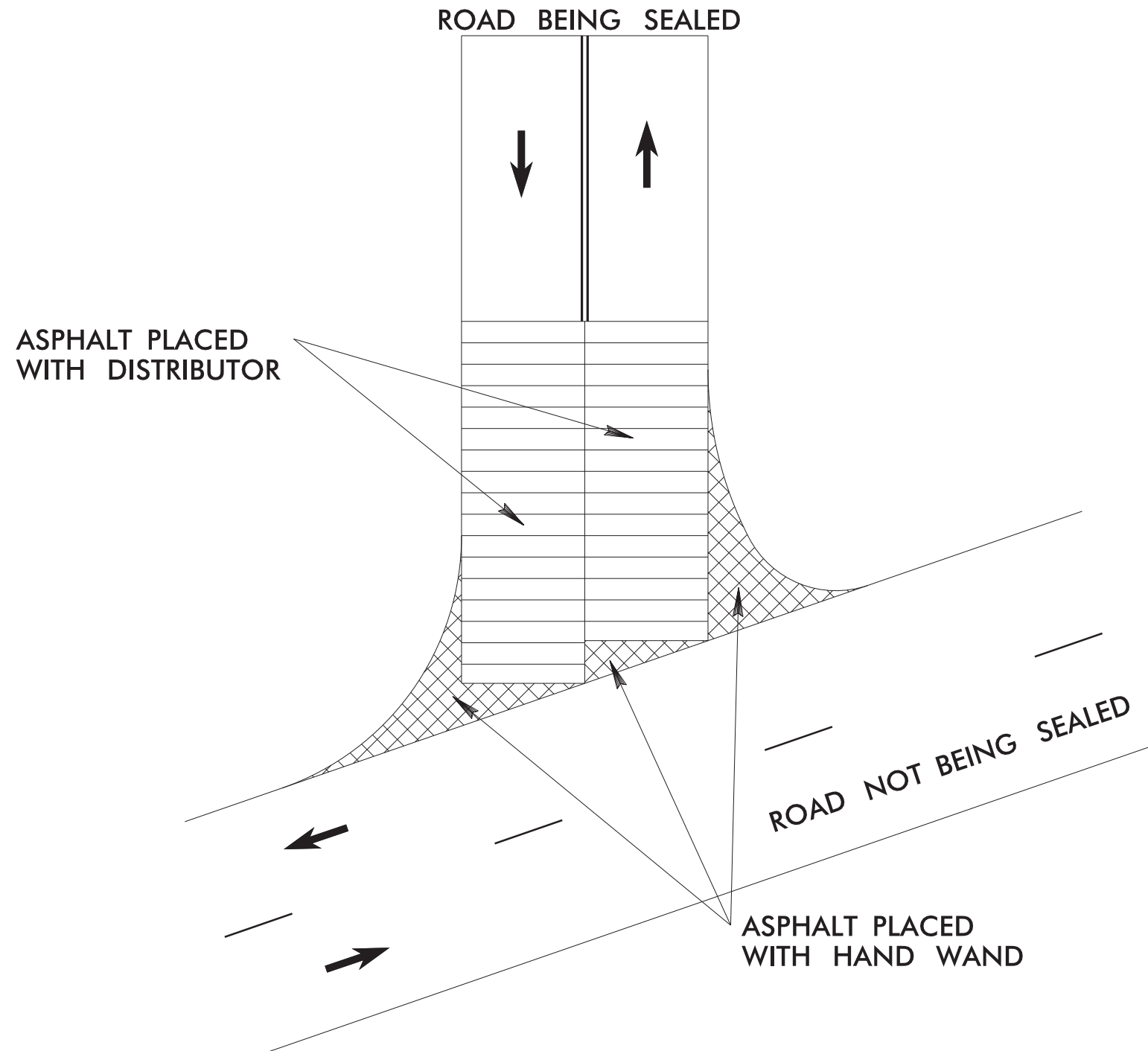
SCALE	-NA-
DATE	7/21
DWG. BY	AMO
DESIGN BY	AMO
APPROVED	



REVISIONS

INTERSECTION EMULSION PLACEMENT TWO LANE TWO WAY ROADWAY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.02.20042 2023CPT.10.02.20902	6	
F.A. PROJECT NO.			



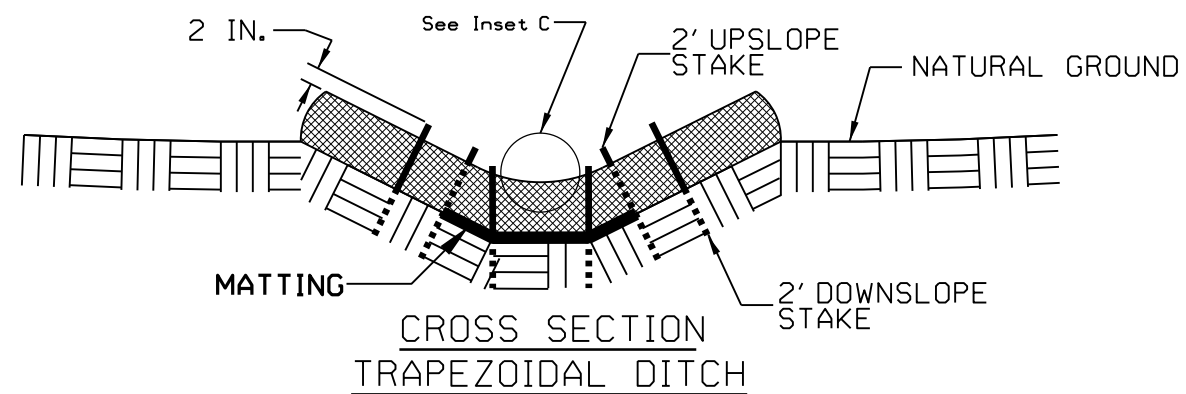
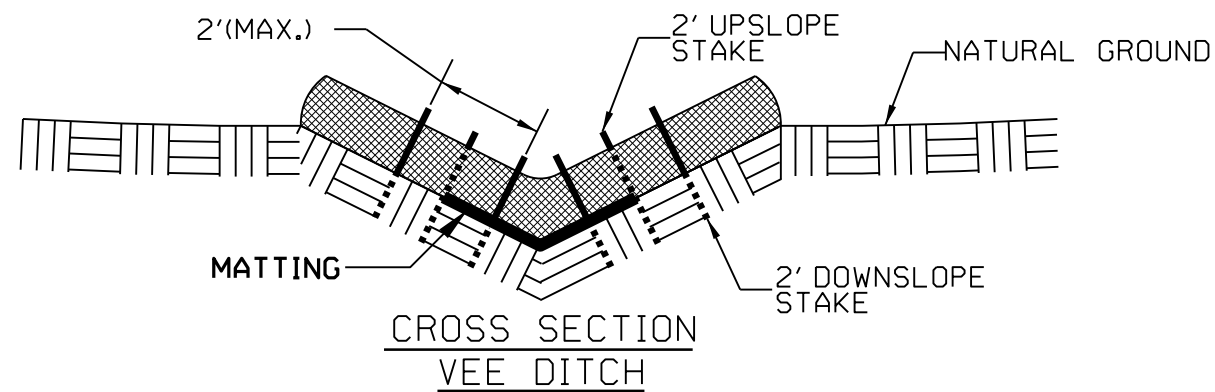
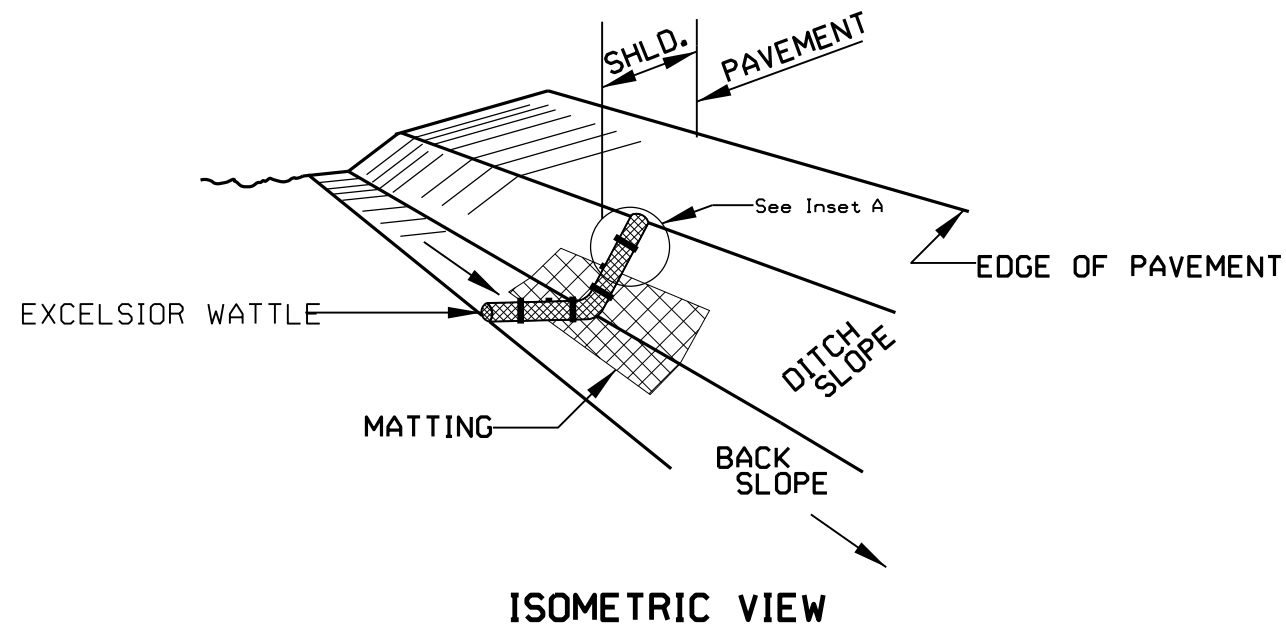
LEGEND

- 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	



WATTLE WITH POLYACRYLAMIDE DETAIL



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.

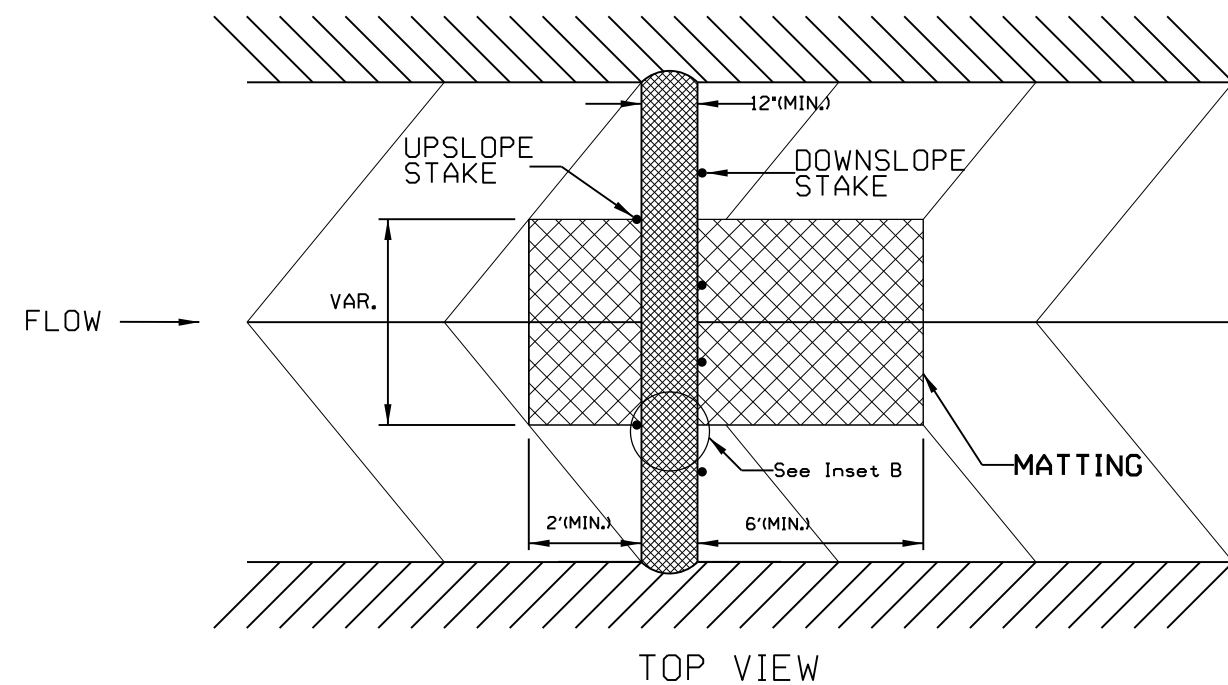
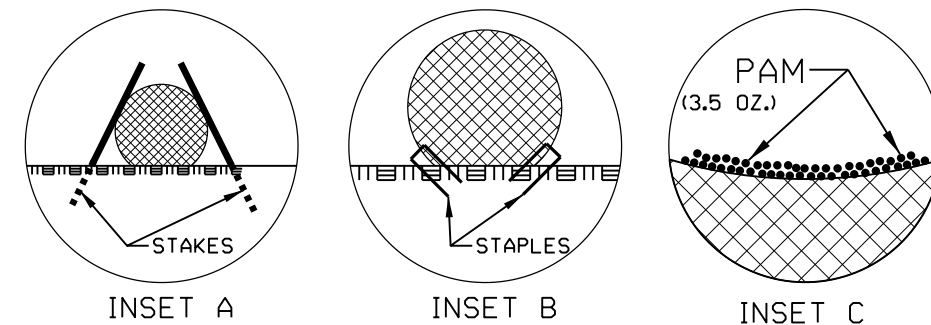
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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.

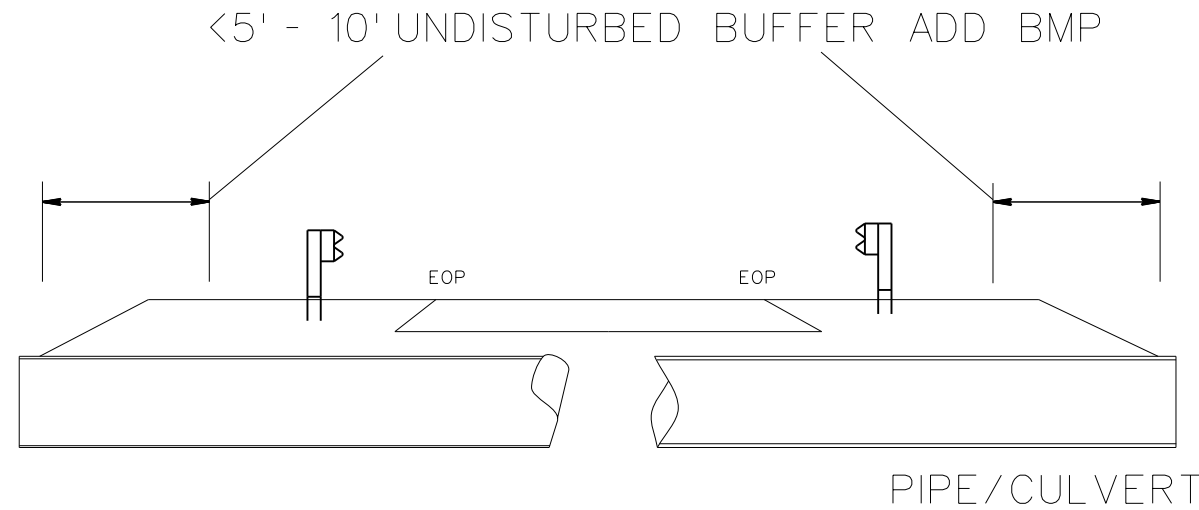
INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



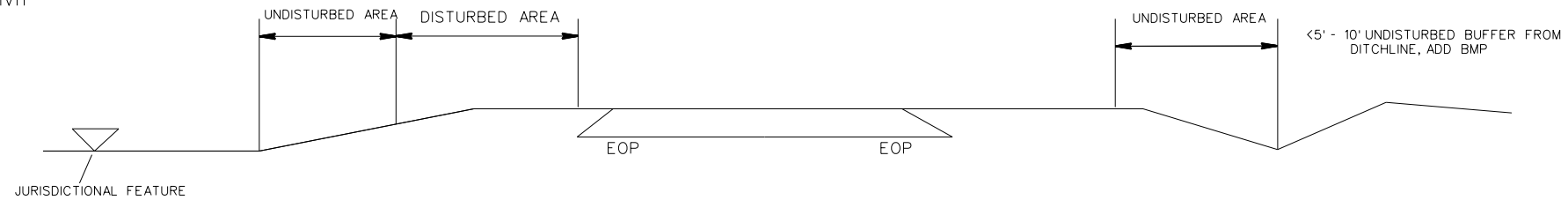
NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.02.20042 2023CPT.10.02.20902	EC2	
F.A. PROJECT NO.			



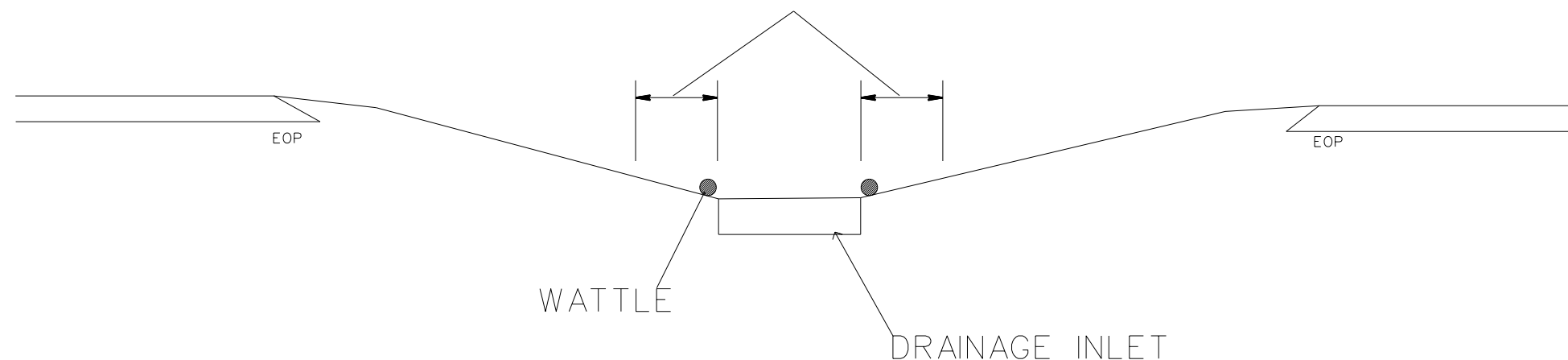
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



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	

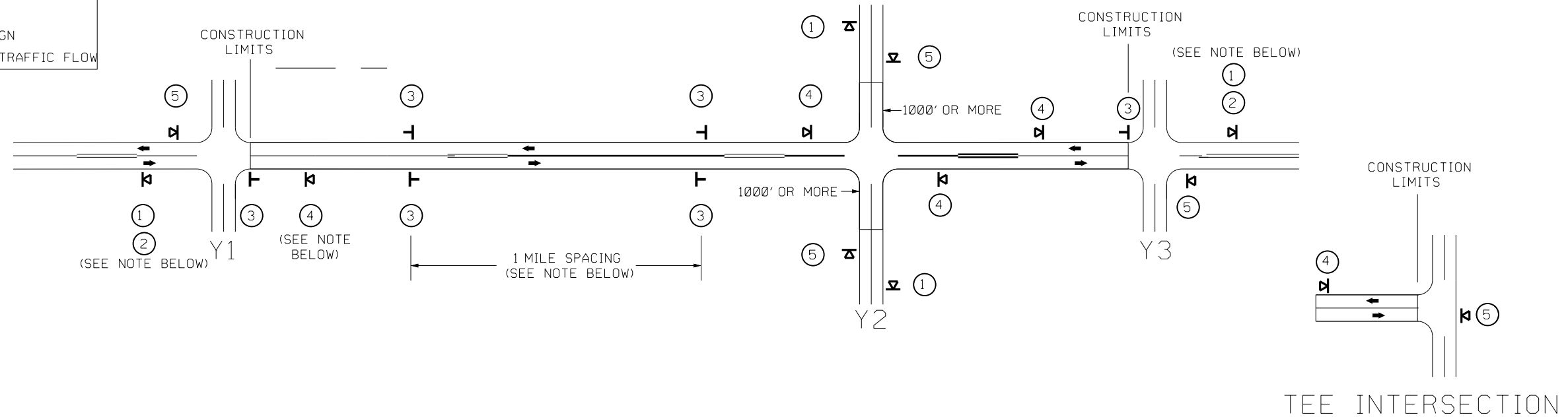


REVISIONS	

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- PORTABLE SIGN
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

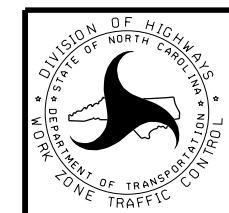
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 ① ROAD WORK AHEAD W20-1 48" X 48" ② NEXT XX MILES W7-3 or P 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.	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 SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	 ③ 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.	

MAPS LESS THAN 2 MILES

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

FOR 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

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.10.02.20042, 2023CPT.10.02.20902	7	

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	0241000000-E	1121000000-E	1187000000-E	1220000000-E	1836000000-E	1838000000-E	1838500000-N	2612000000-E	6000000000-E	6009000000-E	6012000000-E	6071010000-E	6071020000-E		
												GENERIC GRADING ITEM, SOIL CEMENT BASE (FULL DEPTH RECLAMATION)	AGGREGATE BASE COURSE	PORTLAND CEMENT FOR SOIL CEMENT BASE	INCIDENTAL STONE BASE	ASPHALT SURFACE TREATMENT, TRIPLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	6" CONCRETE DRIVEWAYS	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS B	SEDIMENT CONTROL STONE	WATTLE	POLYACRYLAMIDE (PAM)		
												MI	FT	SY	TONS	TON	TONS	SY	GAL	WK	SY	LF	TN	TN	LF	LB
2023CPT.10.02.20042	Anson	1	SR 1225 TICE ROAD / ROUTE 40001225004	FROM SR 1229 OKEY HIGH ROAD TO SR 1228 WHITE STORE ROAD MILEPOST 4.53 TO 5.89	1	2	2WU	NO	NO	1.36	20	17,564.00	732	588.00	85	15,967	12,135	1.00		408	40	20	408	1		
TOTAL FOR MAP NO. 1											1.36		17,564.00	732	588.00	85	15,967	12,135		408	40	20	408	1		
2023CPT.10.02.20042	Anson	2	SR 1224 AUSTIN ROAD / ROUTE 40001224004	FROM SR 1003 UNION CHURCH ROAD TO SR 1253 WATTS ROAD MILEPOST 121 TO 3.08	2	2	2WU	NO	NO	1.87	20	24,147.00	2,012	797.00	30	21,951	16,685	*		560	56	28	560	2		
TOTAL FOR MAP NO. 2											1.87		24,147.00	2,012	797.00	30	21,951	16,685		560	56	28	560	2		
TOTAL FOR PROJ NO. 2023CPT.10.02.20042											3.23		41,711.00	2,744	1,385.00	115	37,918	28,820	1.00		968	96	48	968	3	
2023CPT.10.02.20902	Union	3	SR 1134 LATHAN ROAD / ROUTE 40001134090	FROM NC 522 TO SR 2146 PLYLER MILL ROAD MILEPOST 1.29-3.29	3	2	2WU	NO	NO	2	20	26,119.00	2,176	875.00	50	23,745	18,050	*	100	600	60	30	600	2		
TOTAL FOR MAP NO. 3											2		26,119.00	2,176	875.00	50	23,745	18,050		100	600	60	30	600	2	
TOTAL FOR PROJ NO. 2023CPT.10.13.20902											2		26,119.00	2,176	875.00	50	23,745	18,050		100	600	60	30	600	2	
GRAND TOTAL											5.23		67,830.00	4,920	2,260.00	165	61,663	46,870	1.00		1,568	156	78	1,568	5	

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.10.02.20042, 2023CPT.10.02.20902	8	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4709000000-E	4810000000-E	4810000000-E	
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	4" WHITE PAINT	4" YELLOW PAINT	
									MI	FT	SF	LS	LF	LF	
2023CPT.10.02.20042	Anson	1	SR 1225 TICE ROAD / ROUTE 40001225004	FROM SR 1229 OKEY HIGH ROAD TO SR 1228 WHITE STORE ROAD MILEPOST 4.53 TO 5.89	1	2	2WU	1.36	20	232.3	1	40	28,740	28,740	
TOTAL FOR MAP NO. 1									1.36		232.3	1	40	28,740	28,740
2023CPT.10.02.20042	Anson	2	SR 1224 AUSTIN ROAD / ROUTE 40001224004	FROM SR 1003 UNION CHURCH ROAD TO SR 1253 WATTS ROAD MILEPOST 121 TO 3.08	2	2	2WU	1.87	20	289.4	*	20	39,512	34,510	
TOTAL FOR MAP NO. 2									1.87		289.4		20	39,512	34,510
TOTAL FOR PROJ NO. 2023CPT.10.02.20042									3.23		521.7		60	68,252	63,250
2023CPT.10.02.20902	Union	3	SR 1134 LATHAN ROAD / ROUTE 40001134090	FROM NC 522 TO SR 2146 PLYLER MILL ROAD MILEPOST 1.29-3.29	3	2	2WU	2	20	384.6	*	45	42,740	40,547	
TOTAL FOR MAP NO. 3									2		384.6		45	42,740	40,547
TOTAL FOR PROJ NO. 2023CPT.10.13.20902									2		384.6		45	42,740	40,547
GRAND TOTAL									5.23		906.3	1.0	105	110,992	103,797