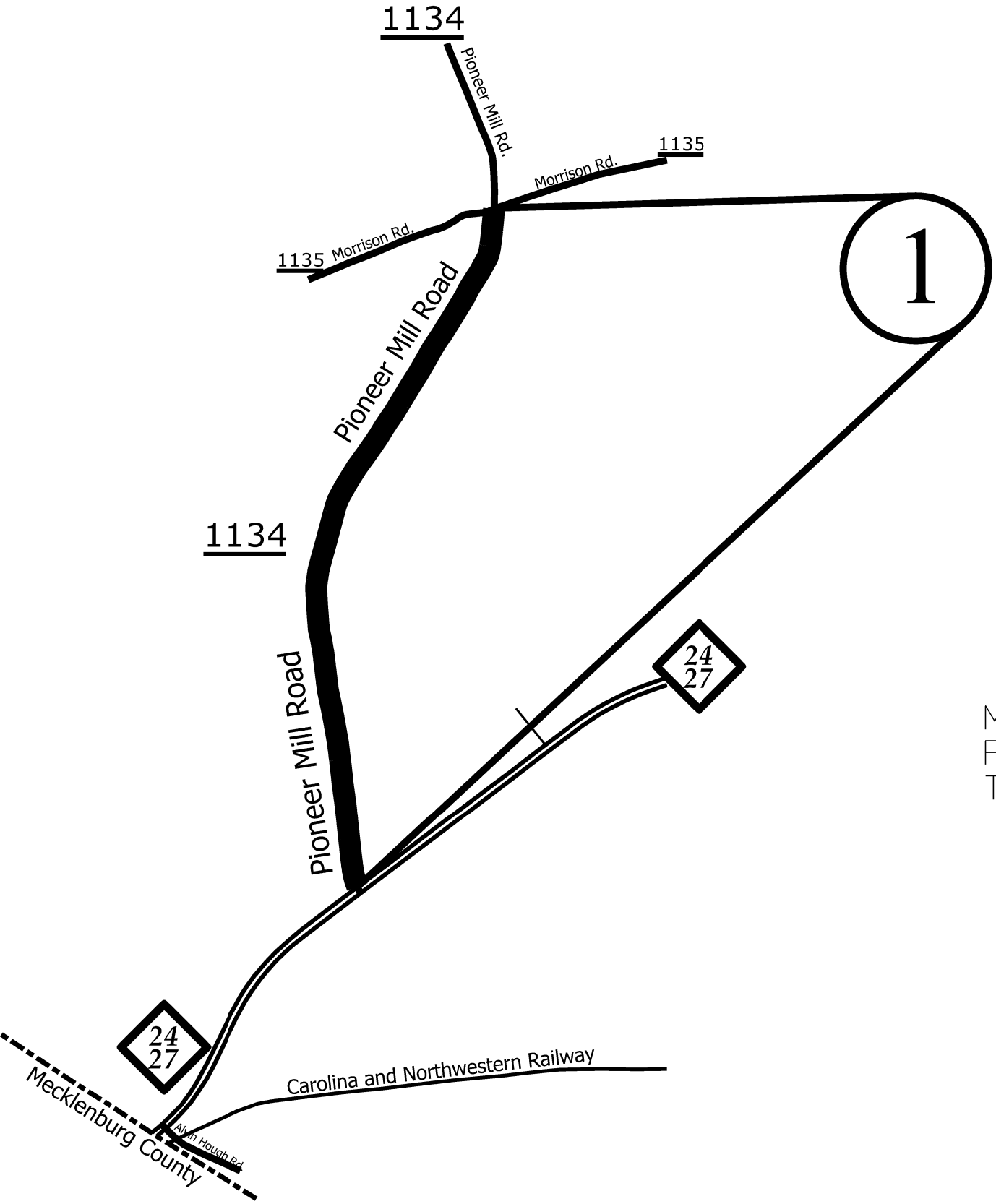


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	1	16
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

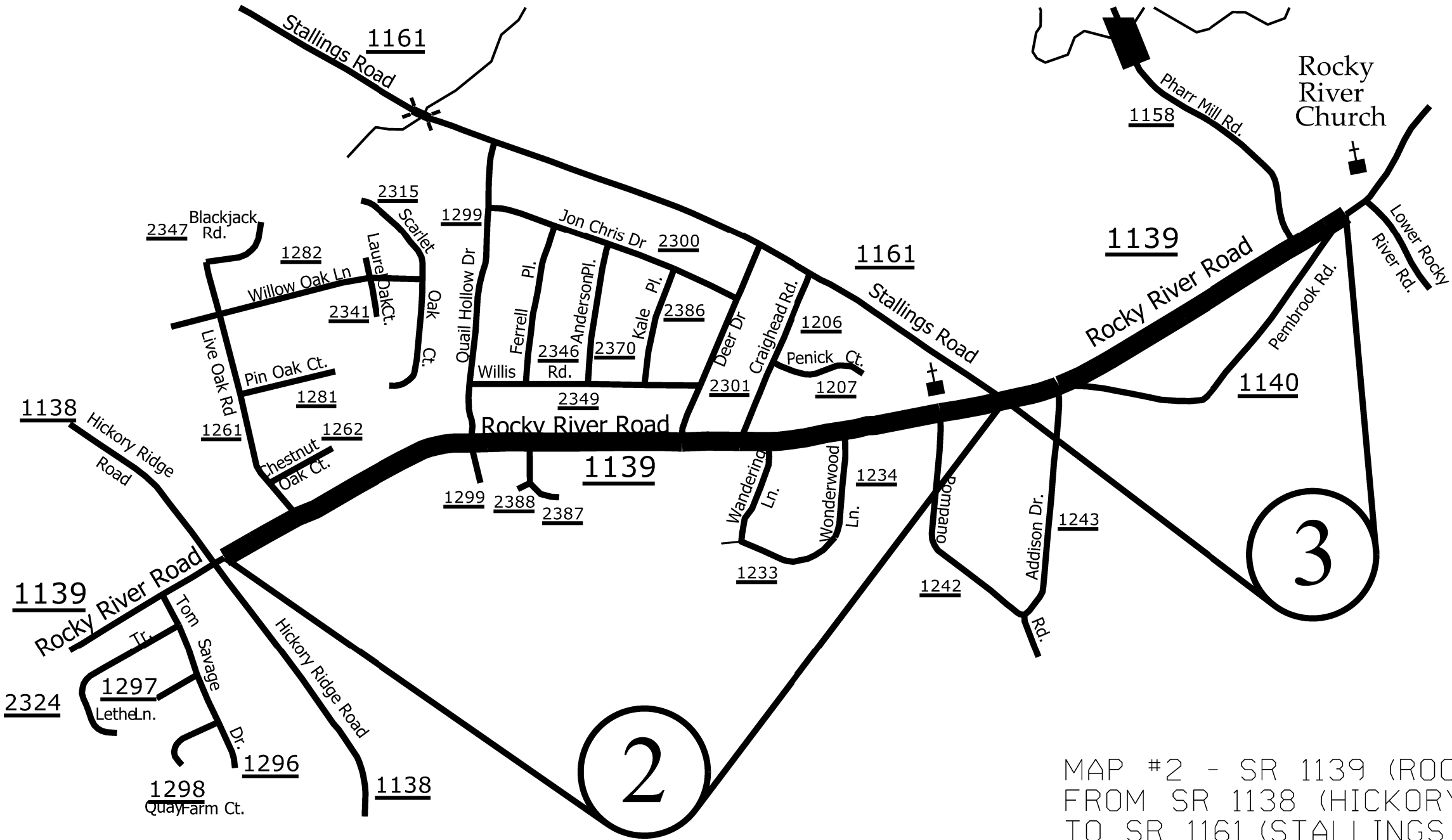


MAP #1 - SR 1134 (PIONEER MILL ROAD) 1.43 MILES
FROM SR 1135 (MORRISON ROAD) (MP 1.39)
TO NC 24/27 (MP 2.82)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	2	16
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY: THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



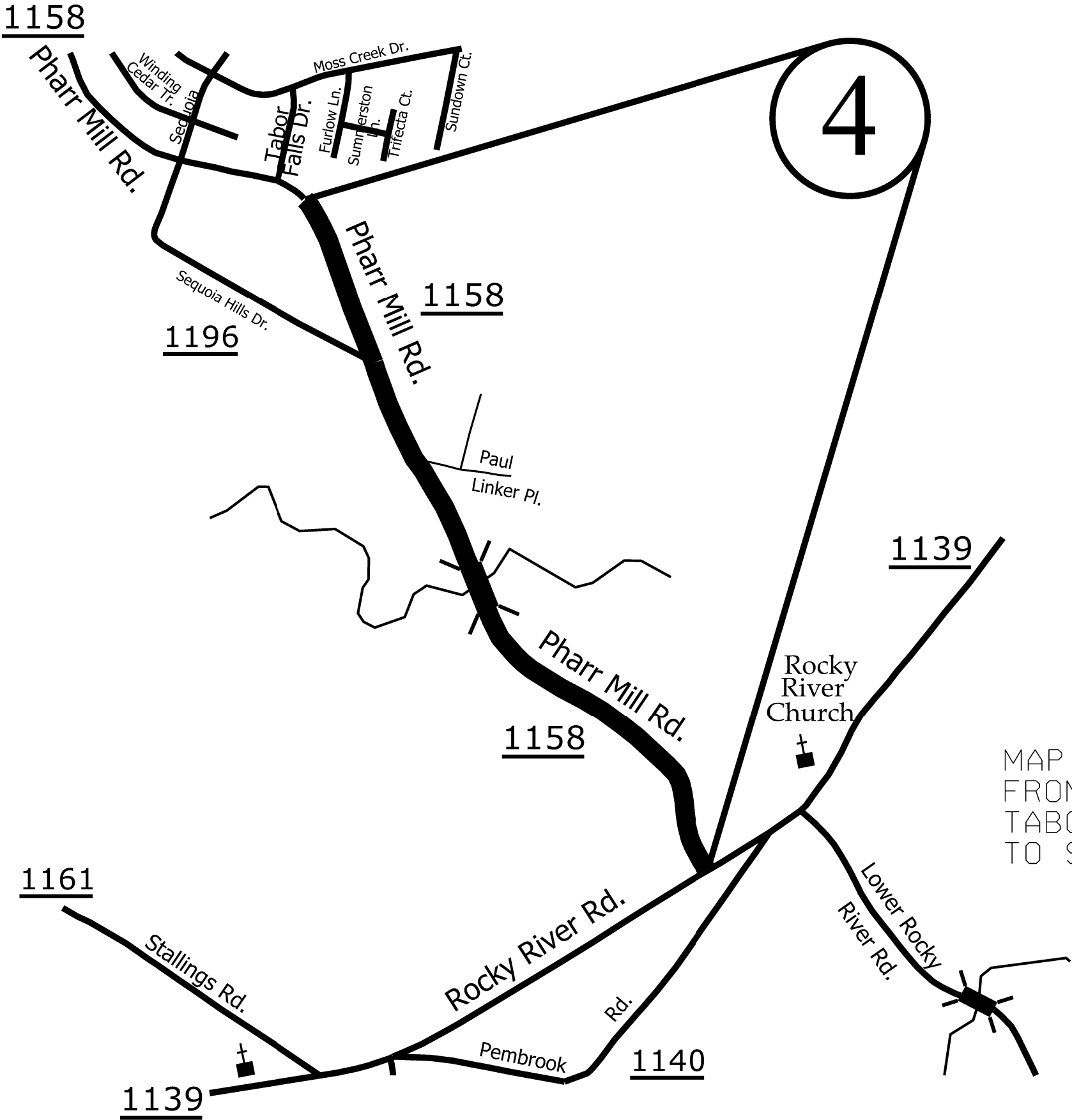
MAP #2 - SR 1139 (ROCKY RIVER ROAD) 1.19 MILES
FROM SR 1138 (HICKORY RIDGE ROAD) (MP 3.02)
TO SR 1161 (STALLINGS ROAD) (MP 4.21)

MAP #3 - SR 1139 (ROCKY RIVER ROAD) 0.62 MILES
FROM SR 1161 (STALLINGS ROAD) (MP 4.21)
TO JOINT PAST SR 1140 (PEMBROOK ROAD) (MP 4.83)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	3	16
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

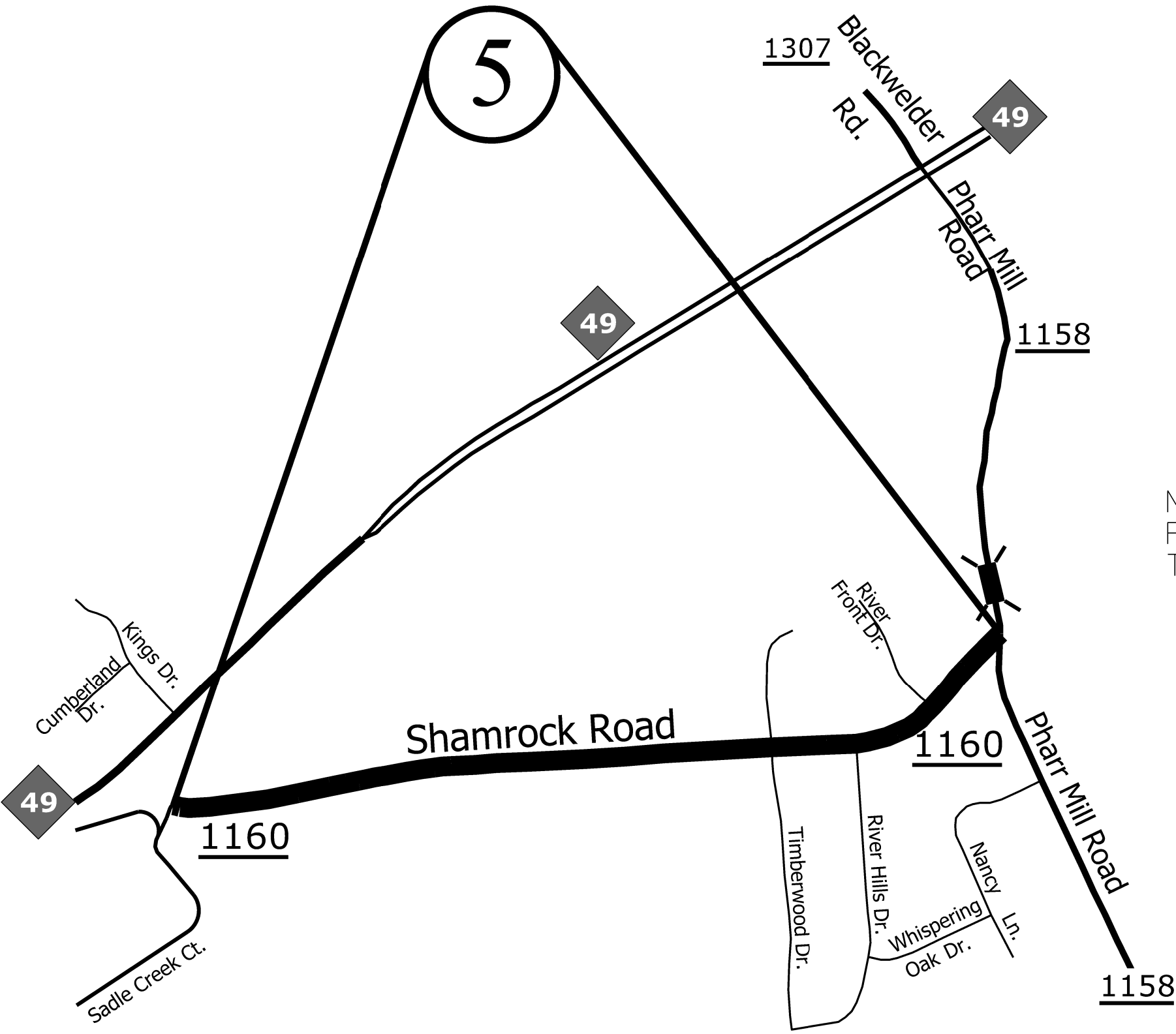


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	4	16
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

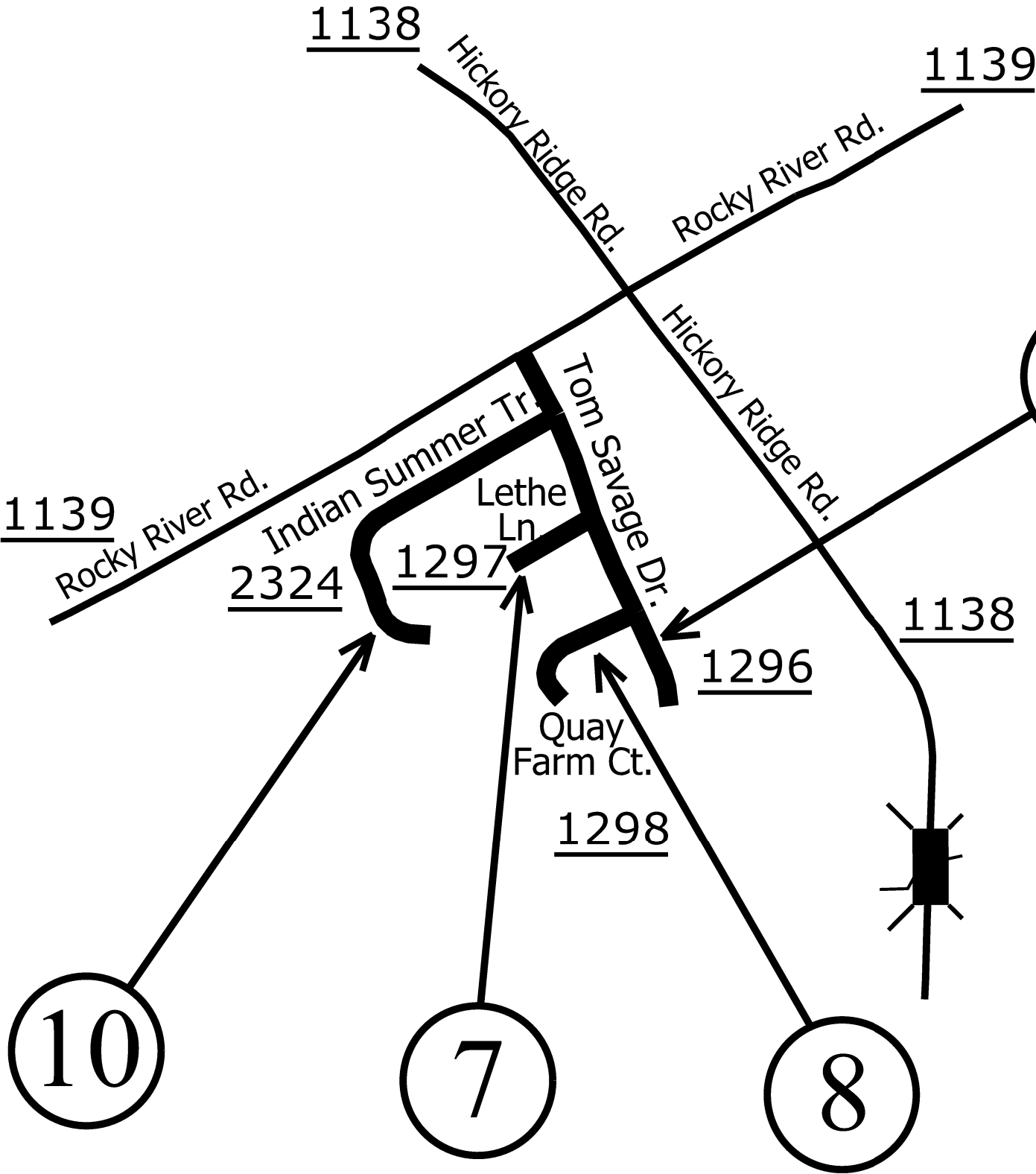
MAP #5 - SR 1160 (SHAMROCK ROAD) 1.08 MILES
FROM SR 1158 (PHARR MILL ROAD) (MP 0.00)
TO DEAD END (MP 1.08)



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	5	16
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #6 - SR 1296 (TOM SAVAGE DRIVE) 0.28 MILES
FROM SR 1139 (ROCKY RIVER ROAD) (MP 0.00)
TO CUL-DE-SAC (MP 0.28)

MAP #7 - SR 1297 (LETHE LANE) 0.07 MILES
FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00)
TO CUL-DE-SAC (MP 0.07)

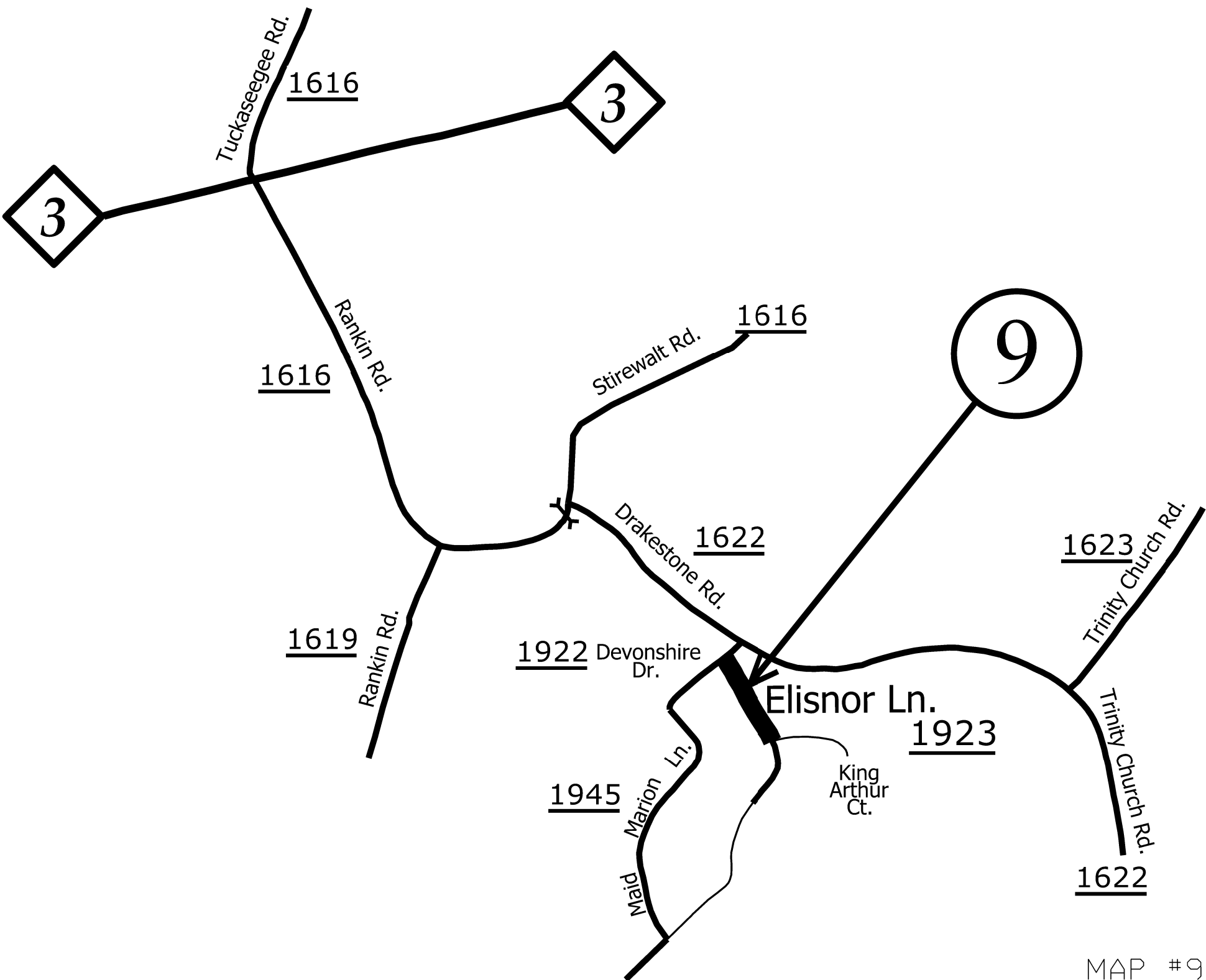
MAP #8 - SR 1298 (QUAY FARM COURT) 0.11 MILES
FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00)
TO CUL-DE-SAC (MP 0.11)

MAP #10 - SR 2324 (INDIAN SUMMER TRAIL) 0.27 MILES
FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00)
TO CUL-DE-SAC (MP 0.27)

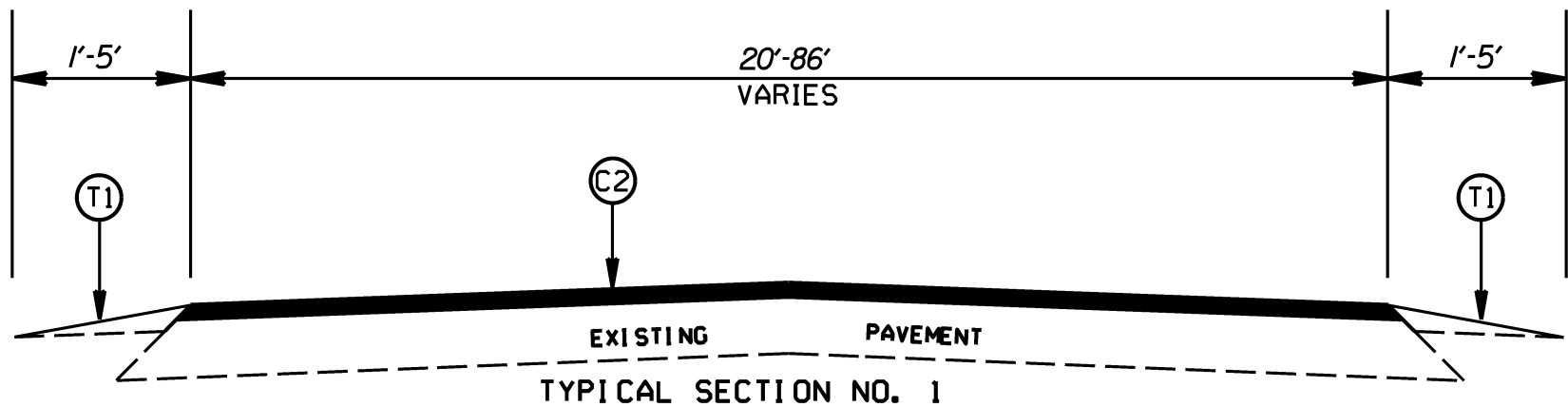
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	6	16
F.A. PROJECT NO.			



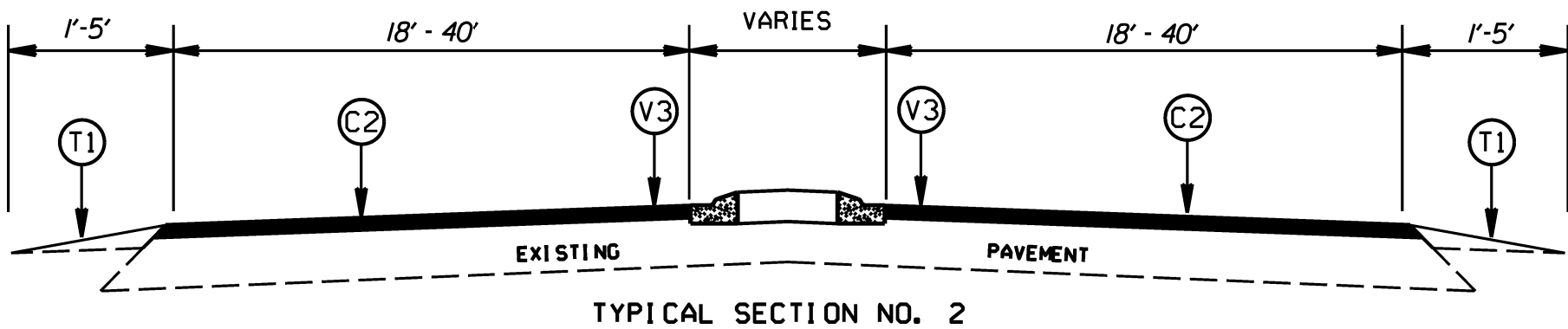
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



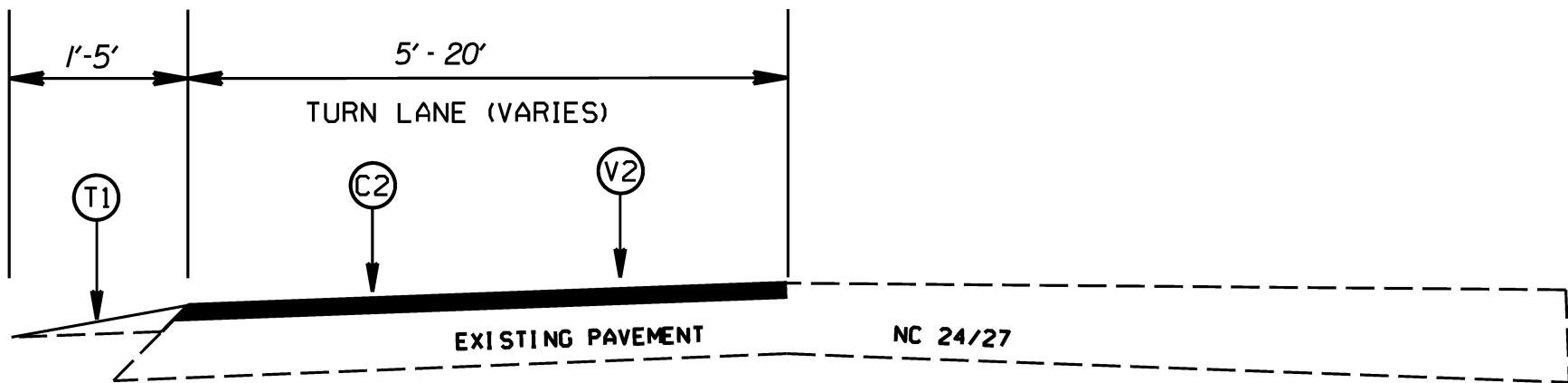
MAP #9 - SR 1923 (ELISNOR LANE) 0.10 MILES
FROM SR 1922 (DEVONSHIRE DRIVE) (MP 0.00)
TO END MAINTENANCE (MP 0.10)



TYPICAL SECTION NO. 1
 MAP 1 - SR 1134 (PIONEER MILL ROAD)
 MAP 2 - SR 1139 (ROCKY RIVER ROAD)
 MAP 3 - SR 1139 (ROCKY RIVER ROAD)



TYPICAL SECTION NO. 2
 MAP 1 - SR 1134 (PIONEER MILL ROAD)



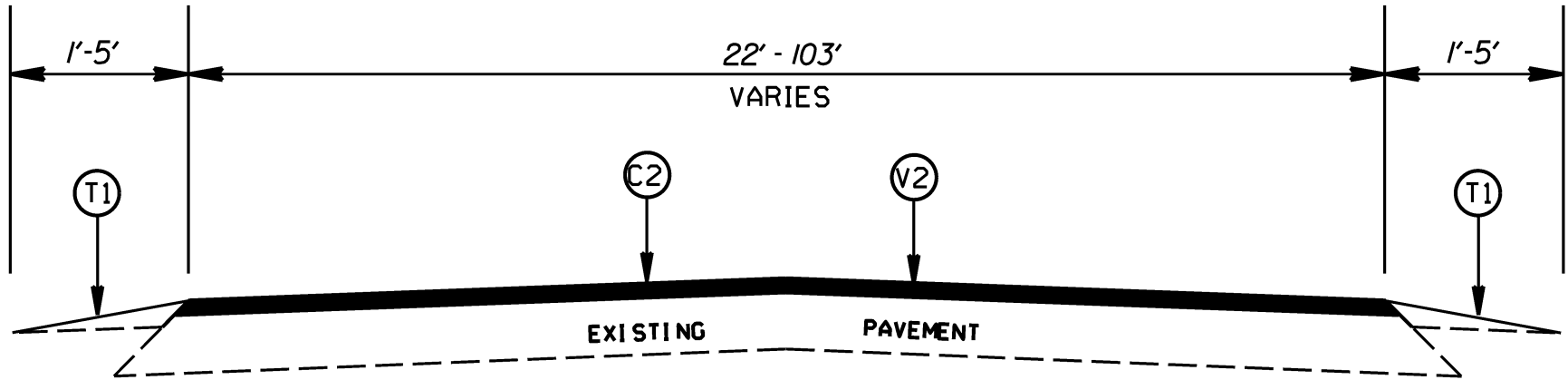
TYPICAL SECTION NO. 3
 MAP 1 - SR 1134 (PIONEER MILL ROAD)
 (TURN LANE ON NC 24/27 TURNING ONTO MAP 1)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	7	16
F.A. PROJECT NO.			

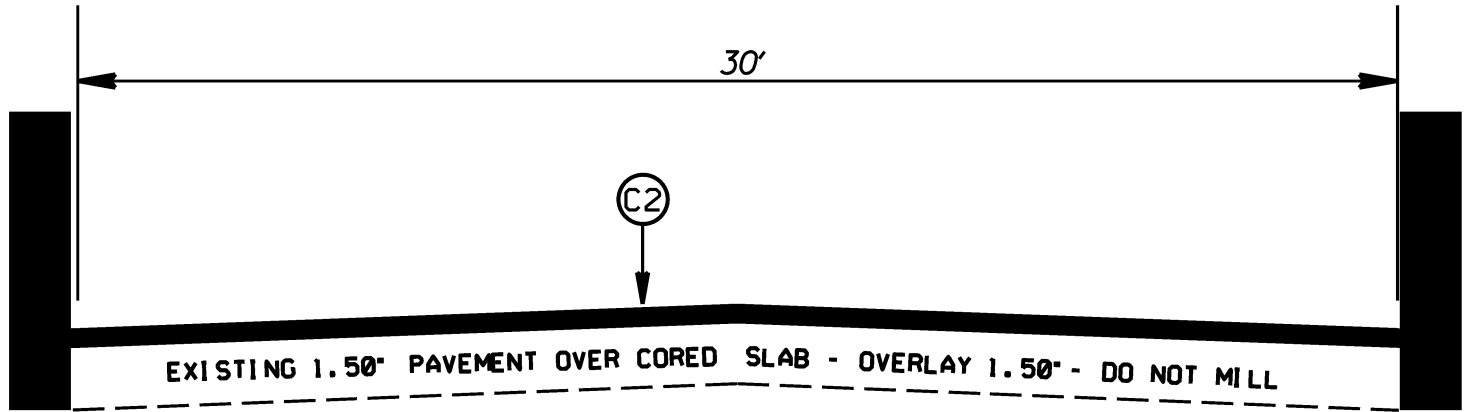
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)

NOTES:
 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

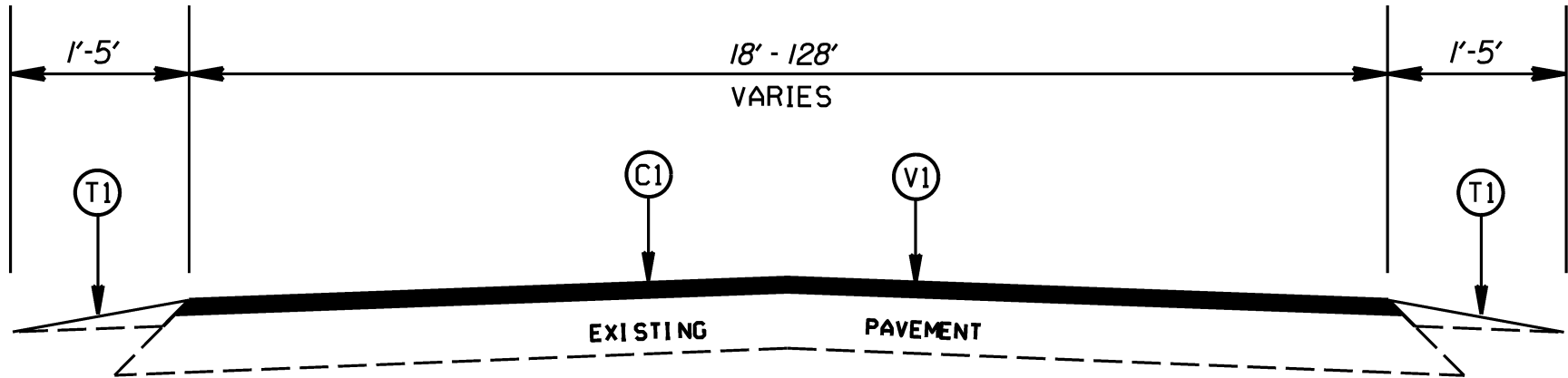
CABARRUS COUNTY RESURFACING SPRING 2022			
SCALE	1/4"		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			



TYPICAL SECTION NO. 4
MAP 4 - SR 1158 (PHARR MILL ROAD)



TYPICAL SECTION NO. 5
BRIDGE ON MAP 4 - SR 1158 (PHARR MILL ROAD)



TYPICAL SECTION NO. 6
MAP 5 - SR 1160 (SHAMROCK ROAD)
MAP 9 - SR 1923 (ELISNOR LANE)

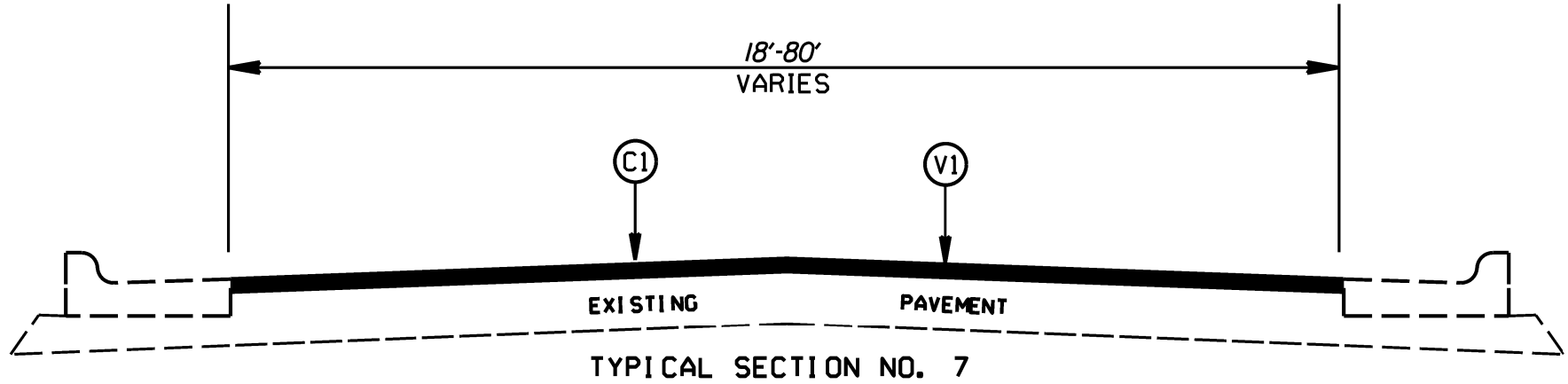
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	8	16
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY RESURFACING SPRING 2022			
SCALE	-1/4"		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	9	16
F.A. PROJECT NO.			



MAP 6 - SR 1296 (TOM SAVAGE DRIVE)
MAP 7 - SR 1297 (LETHE LANE)
MAP 8 - SR 1298 (QUAY FARM COURT)
MAP 10- SR 2324 (INDIAN SUMMER TRAIL)

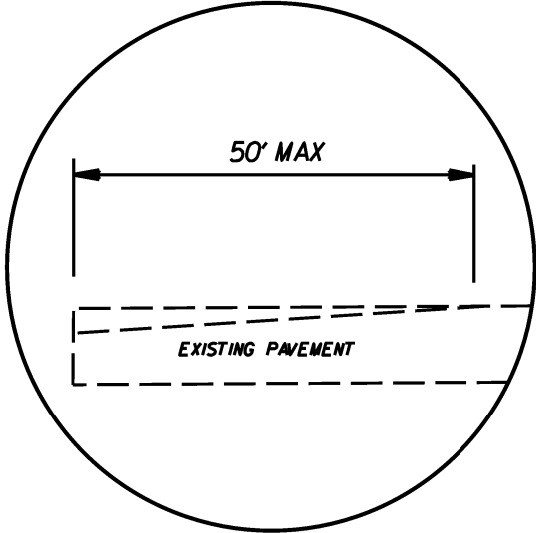
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)

CABARRUS COUNTY
RESURFACING SPRING 2022

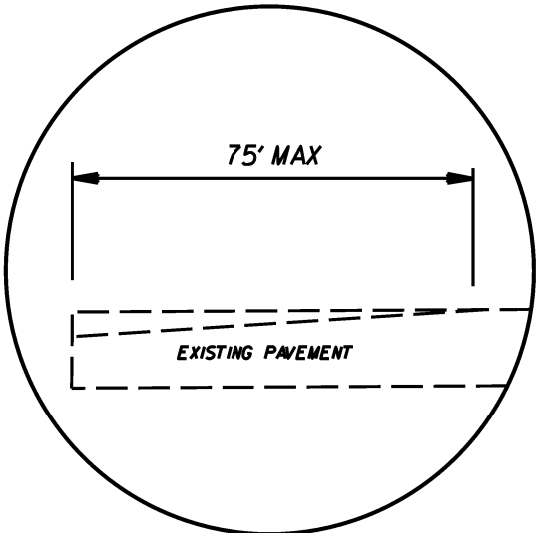
SCALE	-NA-		REVISIONS	
DATE	10/21			
DWG. BY	JWH			
DESIGN BY	JWH			
APPROVED				

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

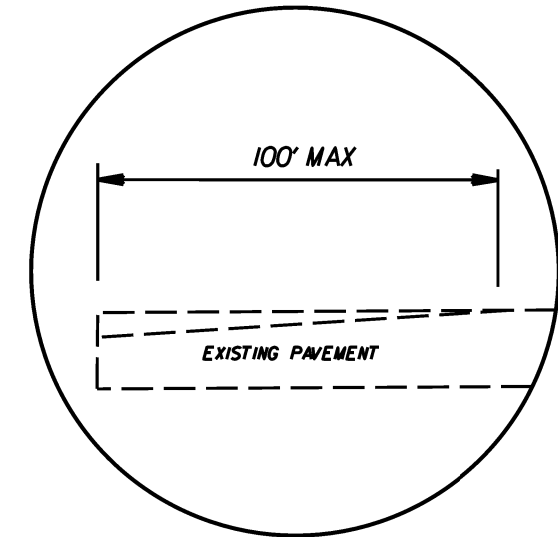
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	10	16
F.A. PROJECT NO.			



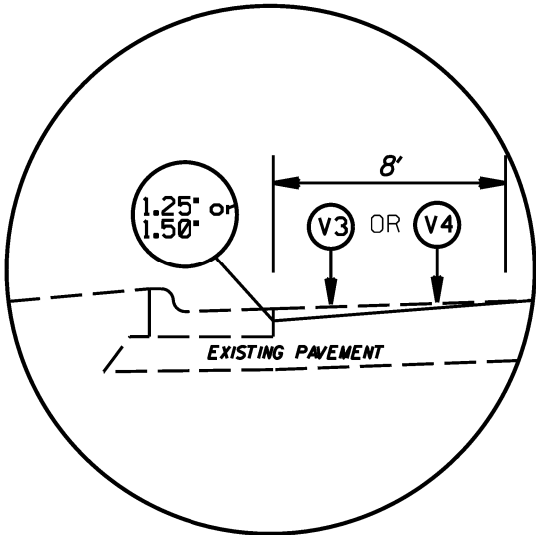
DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")
TIE-IN



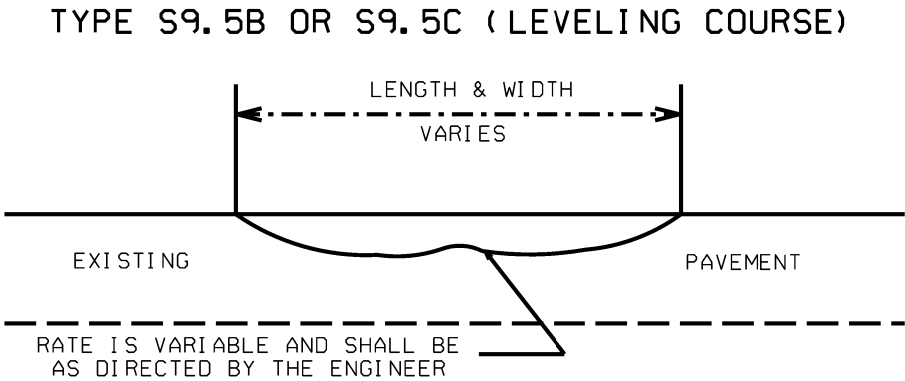
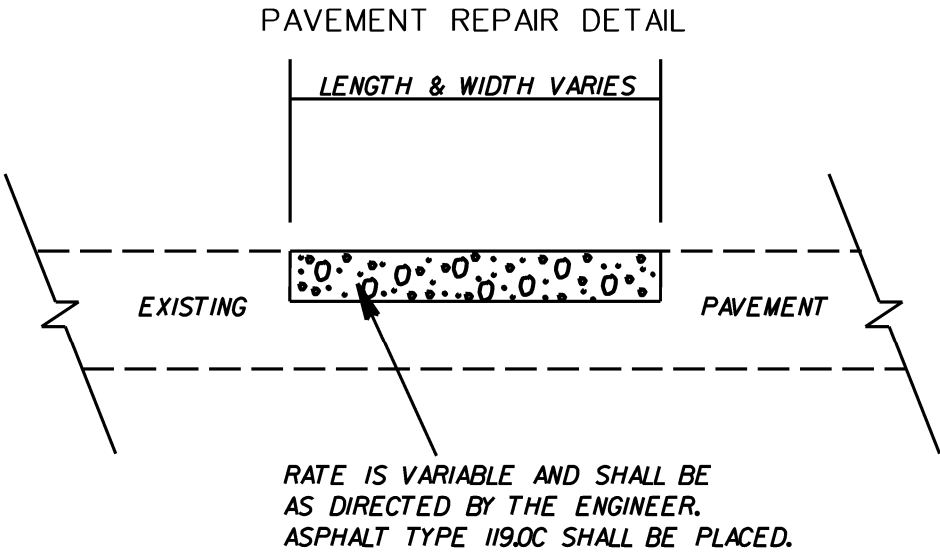
DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")
TIE-IN



DETAIL FOR INCIDENTAL MILLING (0" TO 2.0")
TIE-IN



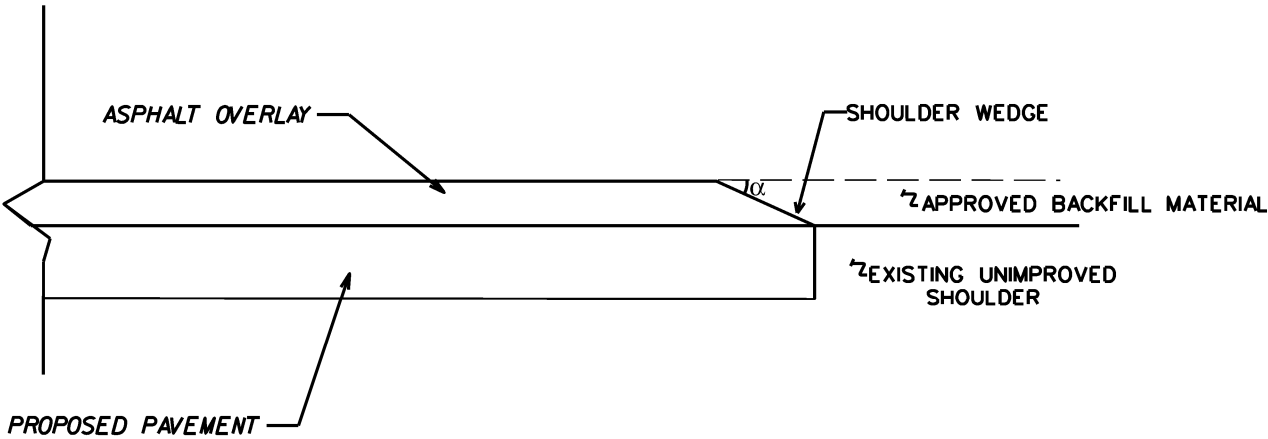
DETAIL FOR PROFILE MILLING (0" TO 1.25") OR (0" TO 1.50")



PATCHING, LEVELING, MILLING, PROFILE MILLING DETAILS			
SCALE	DATE	REVISIONS	
DATE	11/21		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JAB		

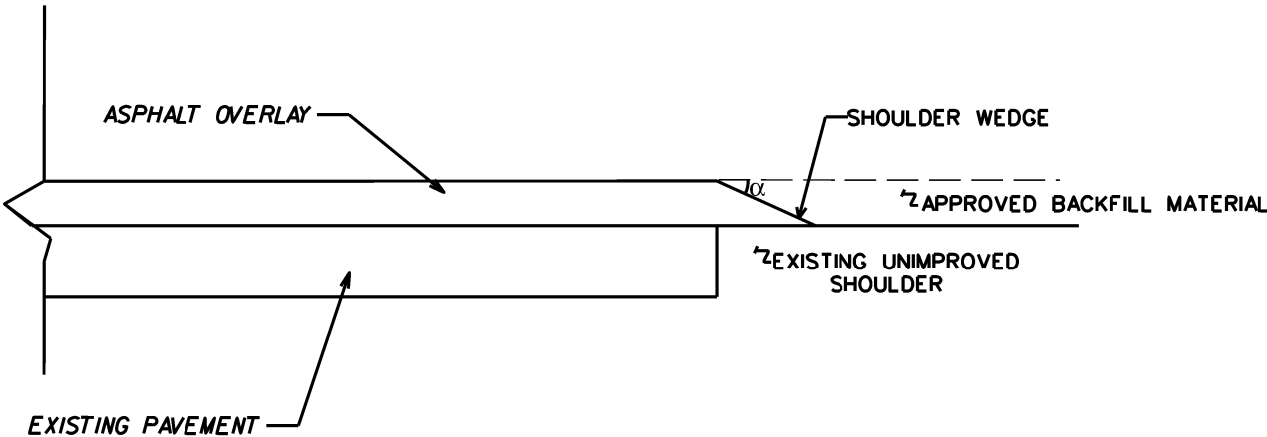
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	11	16
F.A. PROJECT NO.			



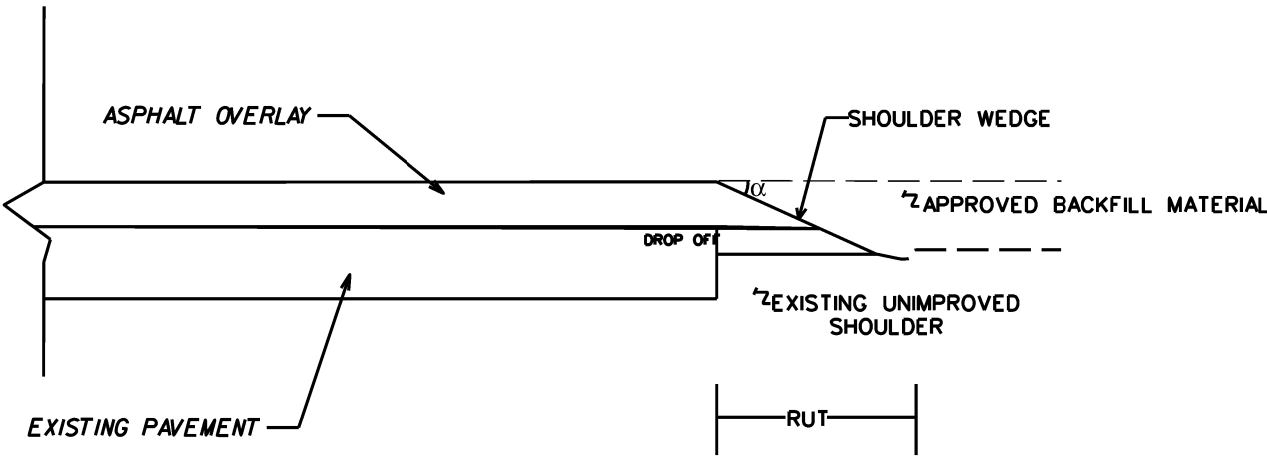
SHOULDER WEDGE DETAIL

(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)

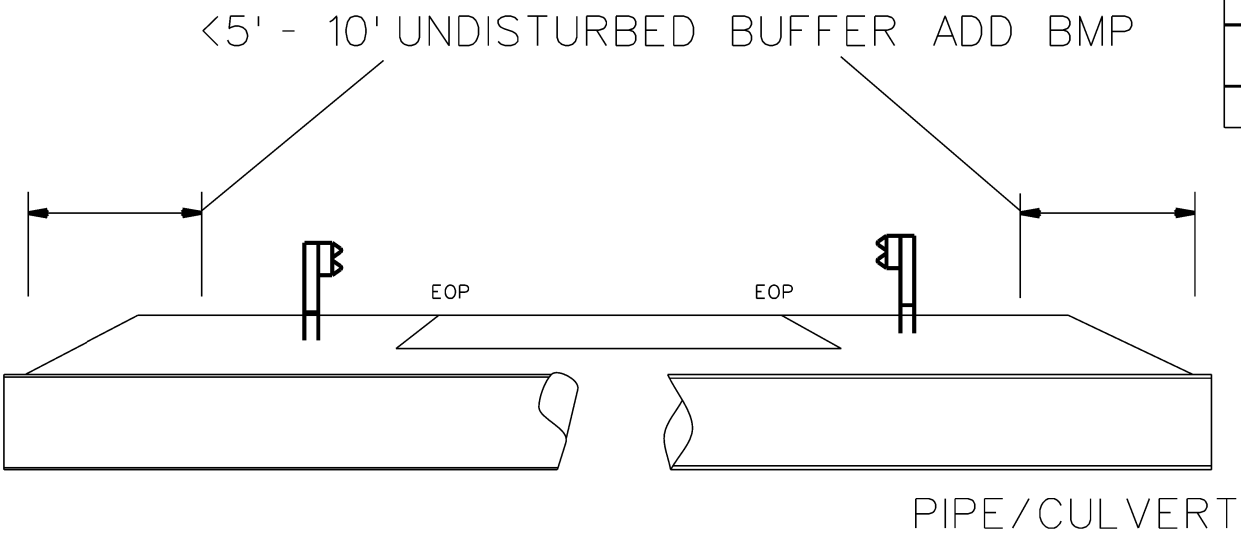
α = 30 DEGREES

SHOULDER WEDGE DETAILS			
SCALE	NA		REVISIONS
DATE	2/18		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JAB		

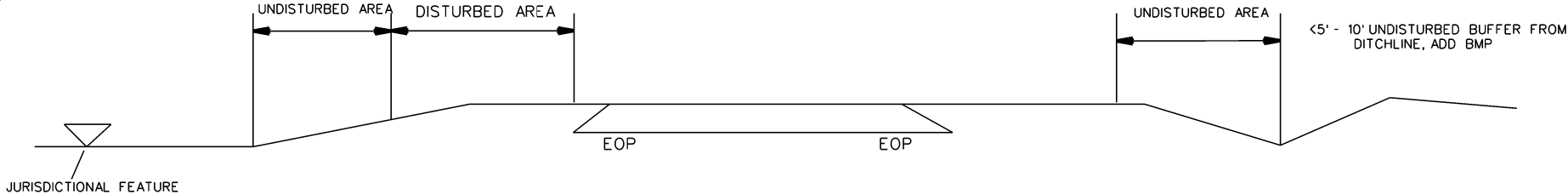
NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

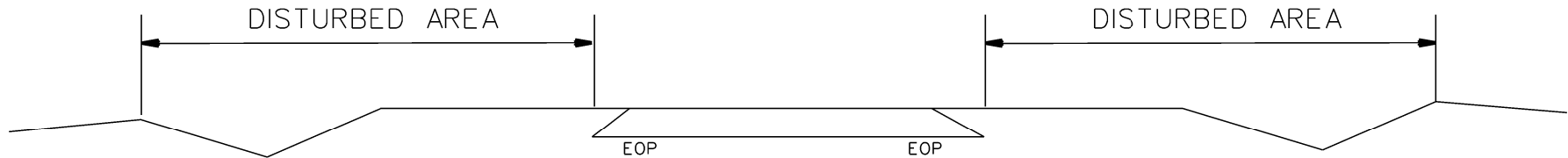
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	12	16
F.A. PROJECT NO.			



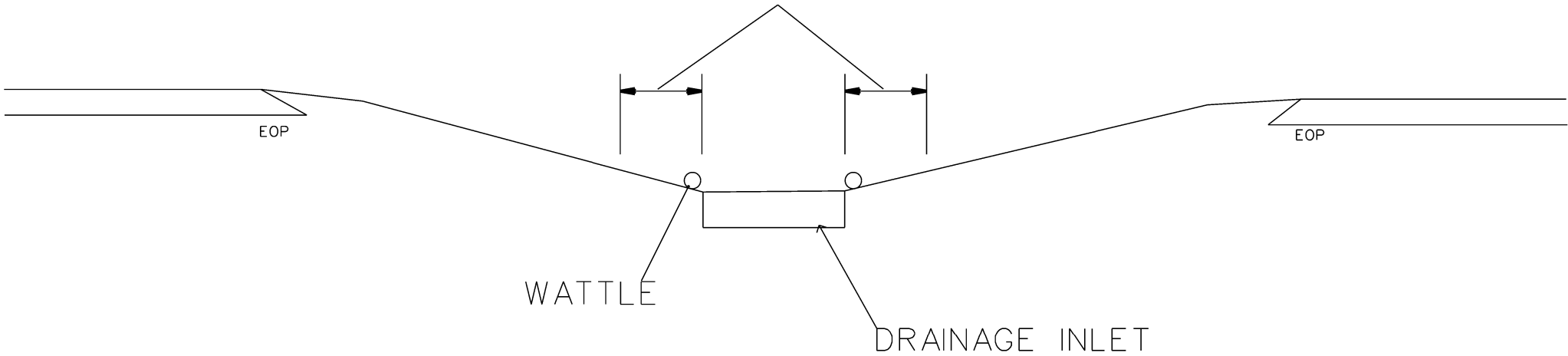
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



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

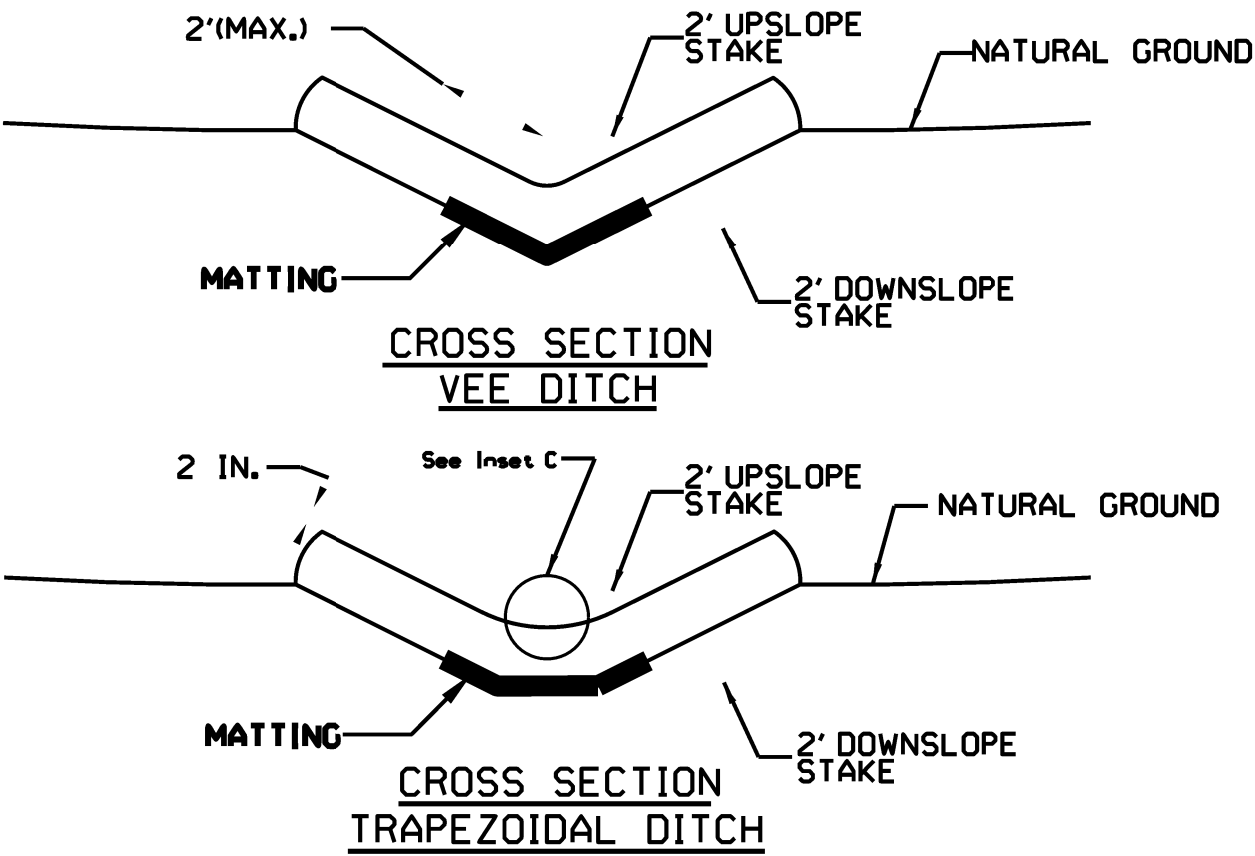
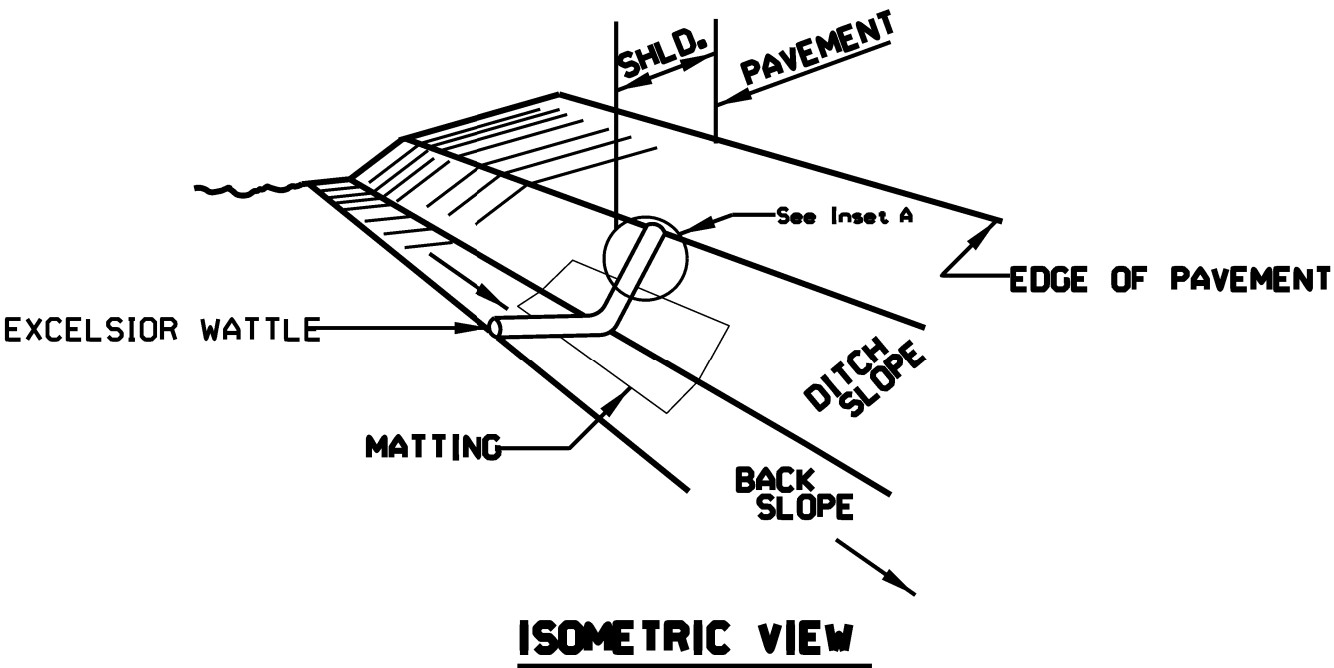
SCALE	-NA-
DATE	2/18
DWG. BY	JAB
DESIGN BY	JAB
APPROVED	JAB



REVISIONS	

WATTLE WITH POLYACRYLAMIDE DETAIL

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	13	16
F.A. PROJECT NO.			



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.

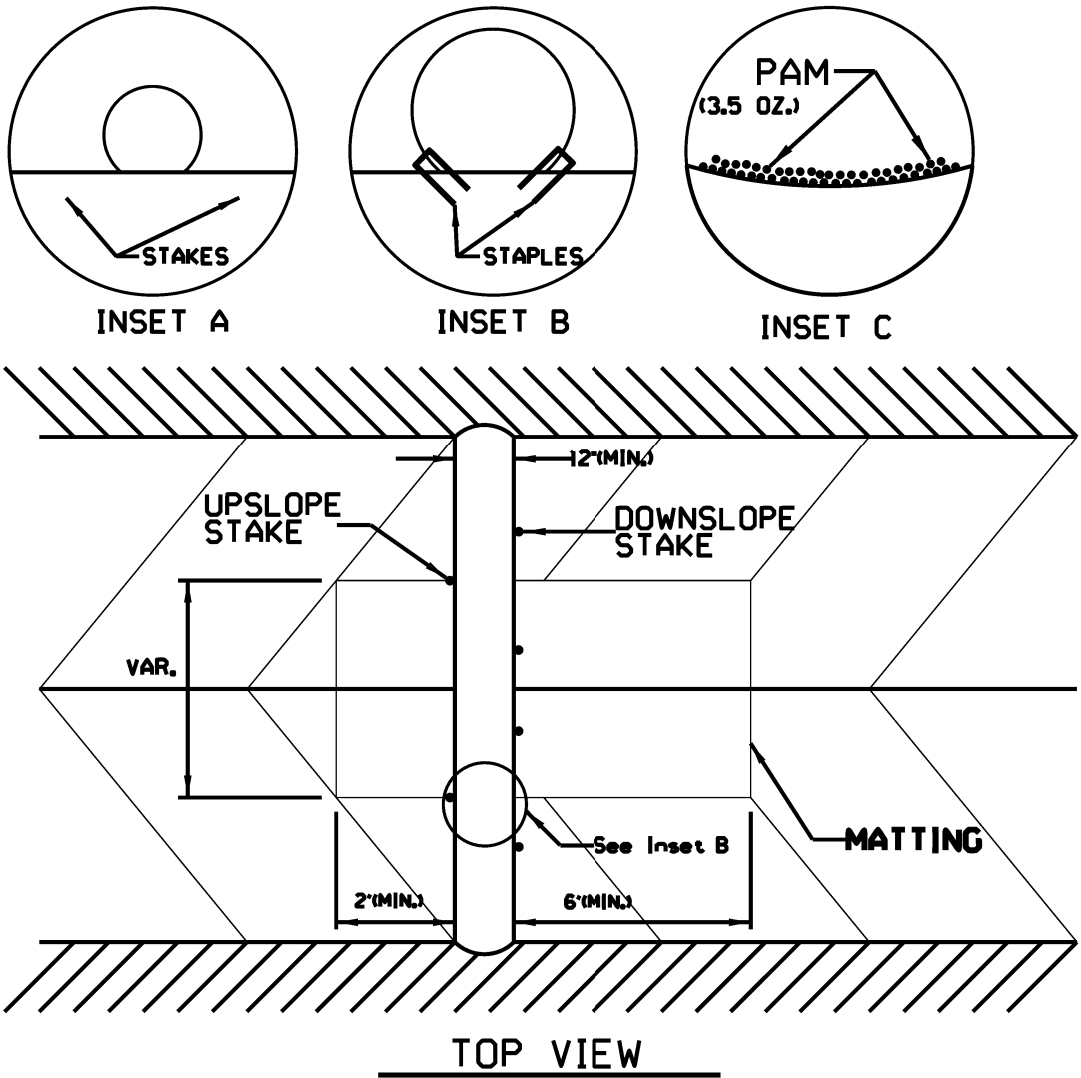
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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.



PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.10.18.20131	14	16

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	1220000000-E	1245000000-E	1297000000-E	1308000000-E	1330000000-E	1519000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	2612000000-E	2830000000-N	5255000000-N	6071010000-E	6071020000-E		
												BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1.50" MILLING	1.25" MILLING	0" TO 1-1/2" MILLING	INCIDENTAL MILLING	SURFACE COURSE, \$9.5B	SURFACE COURSE, \$9.5C	LEVELING COURSE, \$9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	6" DRIVEWAYS	ADJ. OF MANHOLES	PORTABLE LIGHTING	WATTLE	POLYACRYLAMIDE (PAM)	
2022CPT.10.18.20131	Cabarrus	1	SR 1134 PIONEER MILL ROAD	FROM SR 1135 (MORRISON ROAD) (MP 1.39) TO NC 24/27 (MP 2.82)	1,2,3	2		NO	NO	1.43	20	200	75	2.98	4,850	215	490		2,300	360	161	650	20			200	1		
TOTAL FOR MAP NO. 1										1.43		200	75	2.98	4,850	215	490		2,300	360	161	650	20			200	1		
2022CPT.10.18.20131	Cabarrus	2	SR 1139 ROCKY RIVER ROAD	FROM SR 1138 (HICKORY RIDGE ROAD) (MP 3.02) TO SR 1161 (STALLINGS ROAD) (MP 4.21)	1	2		NO	NO	1.19	24	165	20	2.14		1,260	775		1,850	300	131	420	490		0.50	175	1		
TOTAL FOR MAP NO. 2										1.19		165	20	2.14		1,260	775		1,850	300	131	420	490		0.50	175	1		
2022CPT.10.18.20131	Cabarrus	3	SR 1139 ROCKY RIVER ROAD	FROM SR 1161 (STALLINGS ROAD) (MP 4.21) TO JOINT PAST SR 1140 (PEMBROOK ROAD) (MP 4.83)	1	2		NO	NO	0.62	24	85	25	1.24		575	135		1,040	155	72	155	18		0.50	90	1		
TOTAL FOR MAP NO. 3										0.62		85	25	1.24		575	135		1,040	155	72	155	18		0.50	90	1		
2022CPT.10.18.20131	Cabarrus	4	SR 1158 PHARR MILL ROAD	FROM BEGIN CURB AND GUTTER BEFORE TABOR FALLS DRIVE (MP 1.73) TO SR 1139 (ROCKY RIVER ROAD) (MP 2.63)	4,5	2		NO	NO	0.90	22	124	55	1.80	12,250				1,200		72	400	50	1		135	1		
TOTAL FOR MAP NO. 4										0.90		124	55	1.80	12,250				1,200		72	400	50	1		135	1		
2022CPT.10.18.20131	Cabarrus	5	SR 1160 SHAMROCK ROAD	FROM SR 1158 (PHARR MILL ROAD) (MP 0.00) TO DEAD END (MP 1.08)	6	2		NO	NO	1.08	20	125	20	2.16		14,010			1,105		74	378		1					
TOTAL FOR MAP NO. 5										1.08		125	20	2.16		14,010			1,105		74	378		1					
2022CPT.10.18.20131	Cabarrus	6	SR 1296 TOM SAVAGE DRIVE	FROM SR 1139 (ROCKY RIVER ROAD) (MP 0.00) TO CUL-DE-SAC (MP 0.28)	7	2		NO	NO	0.28	30					5,268			427		29	70		1					
TOTAL FOR MAP NO. 6										0.28						5,268			427		29	70		1					
2022CPT.10.18.20131	Cabarrus	7	SR 1297 LETHE LANE	FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00) TO CUL-DE-SAC (MP 0.07)	7	2		NO	NO	0.07	18					1,197			113		8	20		1					
TOTAL FOR MAP NO. 7										0.07						1,197			113		8	20		1					
2022CPT.10.18.20131	Cabarrus	8	SR 1298 QUAY FARM COURT	FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00) TO CUL-DE-SAC (MP 0.11)	7	2		NO	NO	0.11	18					1,636			147		10	28		1					
TOTAL FOR MAP NO. 8										0.11						1,636			147		10	28		1					
2022CPT.10.18.20131	Cabarrus	9	SR 1923 ELISNOR LANE	FROM SR 1922 (DEVONSHIRE DRIVE) (MP 0.00) TO END OF MAINTENANCE (MP 0.10)	6	2		NO	NO	0.10	18	12		0.20	1,170			110		7	50								
TOTAL FOR MAP NO. 9										0.10		12		0.20		1,170			110		7	50							
2022CPT.10.18.20131	Cabarrus	10	SR 2324 INDIAN SUMMER TRAIL	FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00) TO CUL-DE-SAC (MP 0.27)	7	2		NO	NO	0.27	22					3,834			316		21	68		1					
TOTAL FOR MAP NO. 10										0.27						3,834			316		21	68		1					
TOTAL FOR PROJ NO. 2022CPT.10.18.20131										6.05			711	195	10.52	17,100	27,115	2,050	1,400	2,218	6,390	815	585	2,239	578	6	1.00	600	4
															44,215														
GRAND TOTAL										6.05			711	195	10.52	17,100	27,115	2,050	1,400	2,218	6,390	815	585	2,239	578	6	1.00	600	4
															44,215														

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.10.18.20131	15	16

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4457000000-N	4510000000-N	4685000000-E		4700000000-E	4720000000-E		4725000000-E			4810000000-E		4825000000-E	4835000000-E	4845000000-N		4891000000-E
								MI	FT	LS	HR	LF	LF	LF	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	LF
2022CPT.10.18.20131	Cabarrus	1	SR 1134 PIONEER MILL ROAD	FROM SR 1135 (MORRISON ROAD) (MP 1.39) TO NC 24/27 (MP 2.82)	1,2,3	2		1.43	20	0.24		500			20	5	2	1		25,600	32,000					130
TOTAL FOR MAP NO. 1								1.43		0.24		500			20	5	2	1		25,600	32,000					130
2022CPT.10.18.20131	Cabarrus	2	SR 1139 ROCKY RIVER ROAD	FROM SR 1138 (HICKORY RIDGE ROAD) (MP 3.02) TO SR 1161 (STALLINGS ROAD) (MP 4.21)	1	2		1.19	24	0.20	40	12,150	12,600	94			4		4							42
TOTAL FOR MAP NO. 2								1.19		0.20	40	12,150	12,600	94			4		4							42
2022CPT.10.18.20131	Cabarrus	3	SR 1139 ROCKY RIVER ROAD	FROM SR 1161 (STALLINGS ROAD) (MP 4.21) TO JOINT PAST SR 1140 (PEMBROOK ROAD) (MP 4.83)	1	2		0.62	24	0.10	40	6,750	6,575				1									28
TOTAL FOR MAP NO. 3								0.62		0.10	40	6,750	6,575				1									28
2022CPT.10.18.20131	Cabarrus	4	SR 1158 PHARR MILL ROAD	FROM BEGIN CURB AND GUTTER BEFORE TABOR FALLS DRIVE (MP 1.73) TO SR 1139 (ROCKY RIVER ROAD) (MP 2.63)	4,5	2		0.90	22	0.15		9,640	10,128	80			2		2	10,128	9,640		30	2	2	30
TOTAL FOR MAP NO. 4								0.90		0.15		9,640	10,128	80			2		2	10,128	9,640		30	2	2	30
2022CPT.10.18.20131	Cabarrus	5	SR 1160 SHAMROCK ROAD	FROM SR 1158 (PHARR MILL ROAD) (MP 0.00) TO DEAD END (MP 1.08)	6	2		1.08	20	0.18										19,370	22,810	60	40			40
TOTAL FOR MAP NO. 5								1.08		0.18										19,370	22,810	60	40			40
2022CPT.10.18.20131	Cabarrus	6	SR 1296 TOM SAVAGE DRIVE	FROM SR 1139 (ROCKY RIVER ROAD) (MP 0.00) TO CUL-DE-SAC (MP 0.28)	7	2		0.28	30	0.05																
TOTAL FOR MAP NO. 6								0.28		0.05																
2022CPT.10.18.20131	Cabarrus	7	SR 1297 LETHE LANE	FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00) TO CUL-DE-SAC (MP 0.07)	7	2		0.07	18	0.01																
TOTAL FOR MAP NO. 7								0.07		0.01																
2022CPT.10.18.20131	Cabarrus	8	SR 1298 QUAY FARM COURT	FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00) TO CUL-DE-SAC (MP 0.11)	7	2		0.11	18	0.02																
TOTAL FOR MAP NO. 8								0.11		0.02																
2022CPT.10.18.20131	Cabarrus	9	SR 1923 ELISNOR LANE	FROM SR 1922 (DEVONSHIRE DRIVE) (MP 0.00) TO END OF MAINTENANCE (MP 0.10)	6	2		0.10	18	0.02																
TOTAL FOR MAP NO. 9								0.10		0.02																
2022CPT.10.18.20131	Cabarrus	10	SR 2324 INDIAN SUMMER TRAIL	FROM SR 1296 (TOM SAVAGE DRIVE) (MP 0.00) TO CUL-DE-SAC (MP 0.27)	7	2		0.27	22	0.03																
TOTAL FOR MAP NO. 10								0.27		0																
TOTAL FOR PROJ NO. 2022CPT.10.18.20131								6.05		1	80	29,040	29,303	174	20	5	9	1	6	55,098	64,450	60	70	2	2	270
												58,343			25		16		119,548				4			
GRAND TOTAL								6.05		1	80	29,040	29,303	174	20	5	9	1	6	55,098	64,450	60	70	2	2	270
												58,343			25		16		119,548				4			

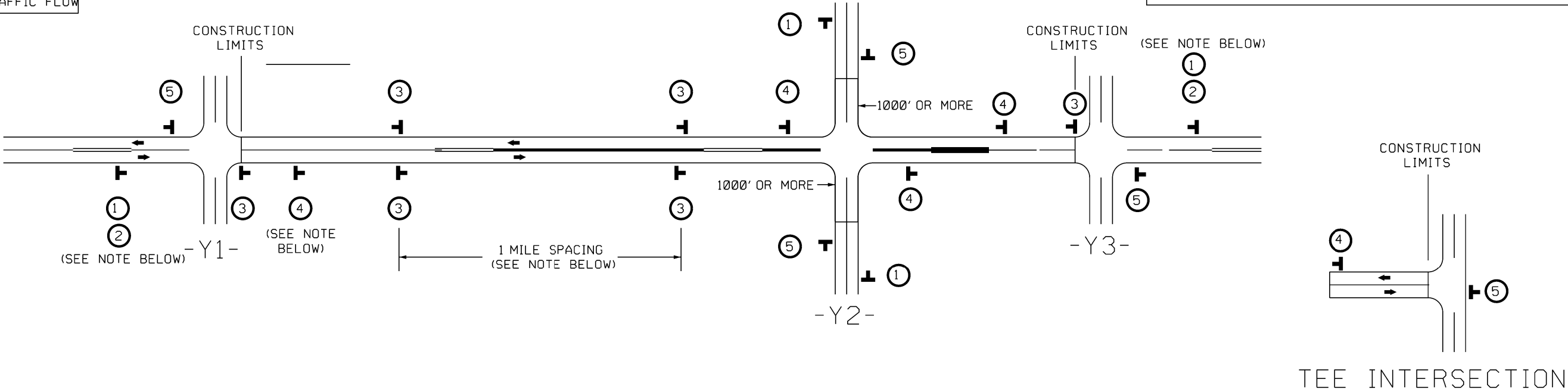
SIGNING FOR RESURFACING PROJECTS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.18.20131	16	16
F.A. PROJECT NO.			

LEGEND

STATIONARY SIGN

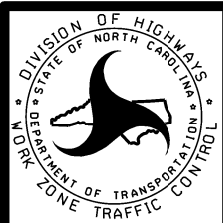
DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2  W20-1 48" X 48" 3 4  W7-3aP 24" X 18" 3 4  SP 13106 48" X 48" 5  G20-2 A 48" X 24" <td> 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. (NO FRACTIONAL OR DECIMAL NUMBERS) - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. - 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. 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. 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. </td><td> 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.  W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </td>	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. (NO FRACTIONAL OR DECIMAL NUMBERS) - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. - 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. 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. 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.	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.  W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
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ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING