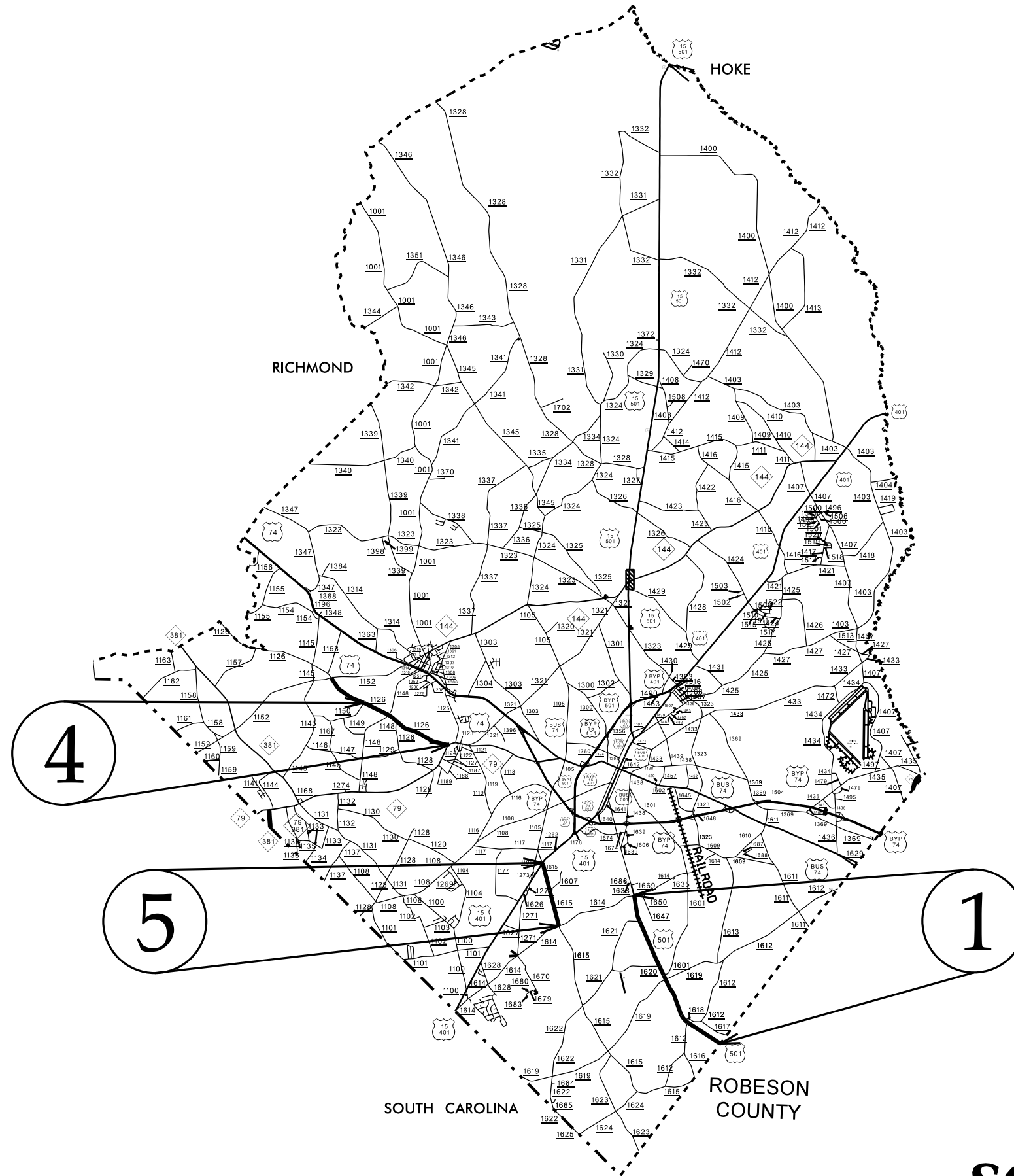
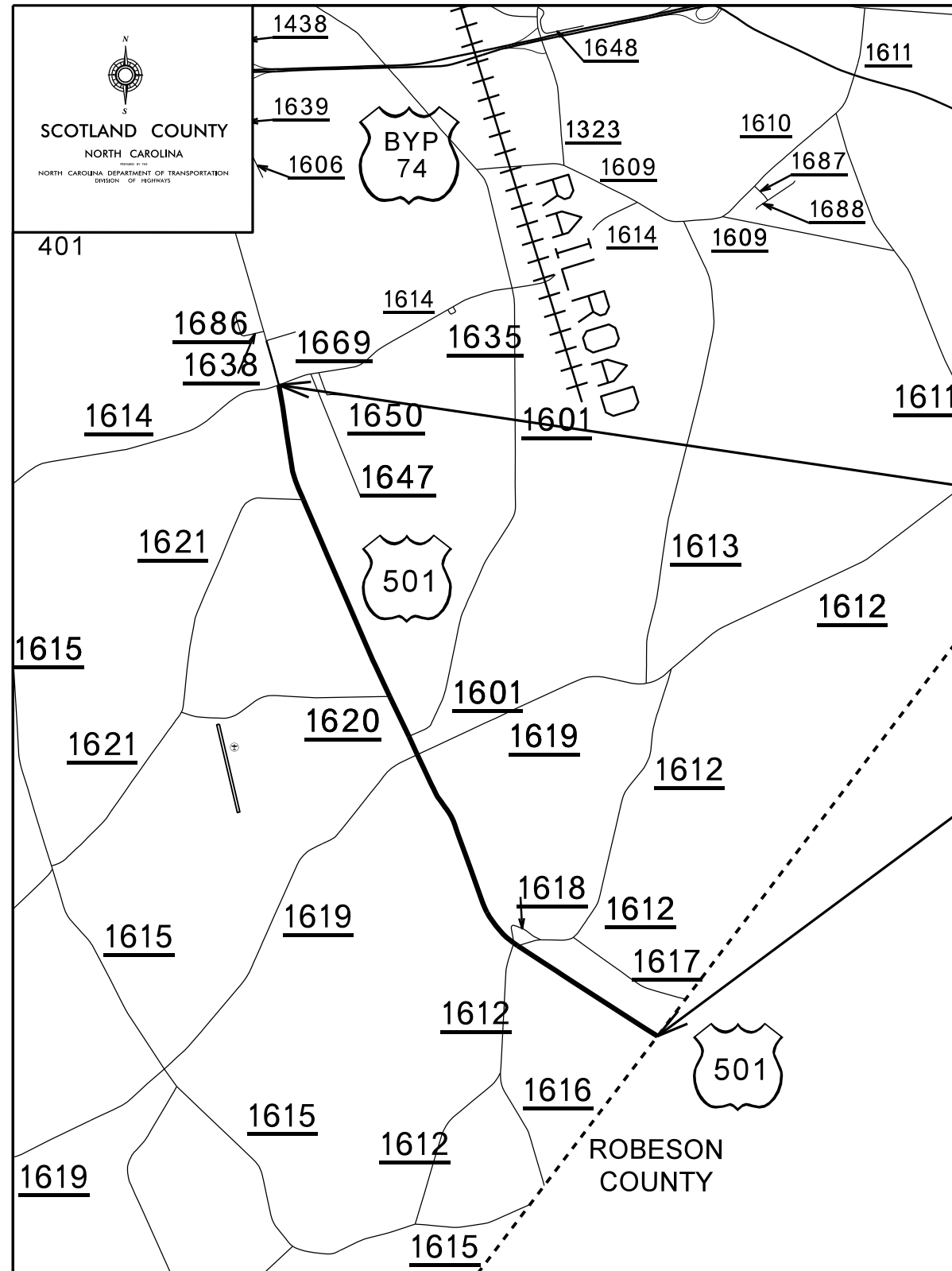


HOKE COUNTY

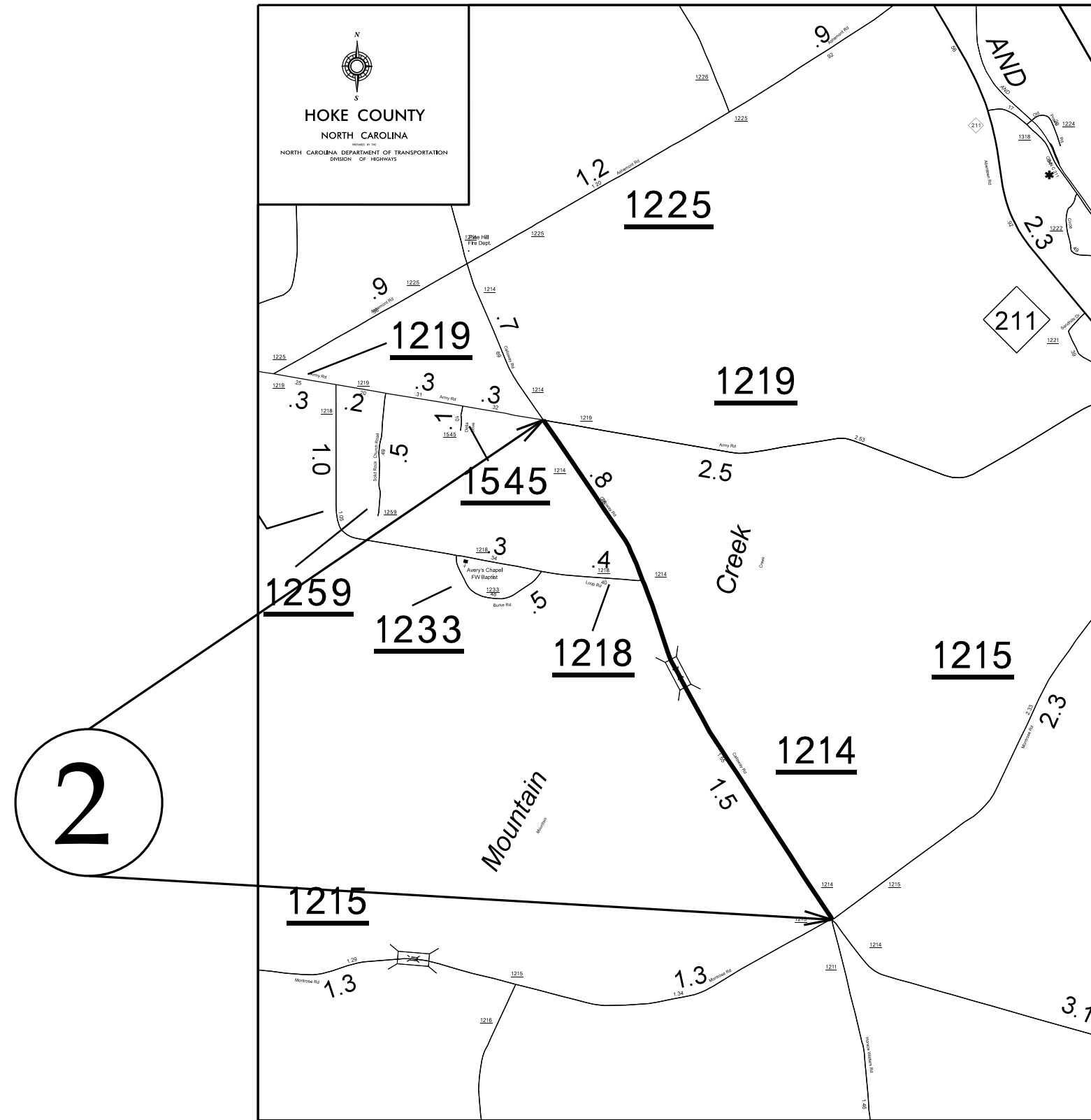


SCOTLAND COUNTY

Map 1



Map 2



Map 3



Pine Hill
Fire Department

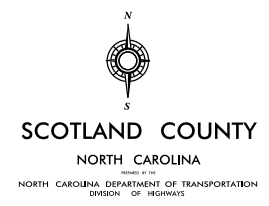
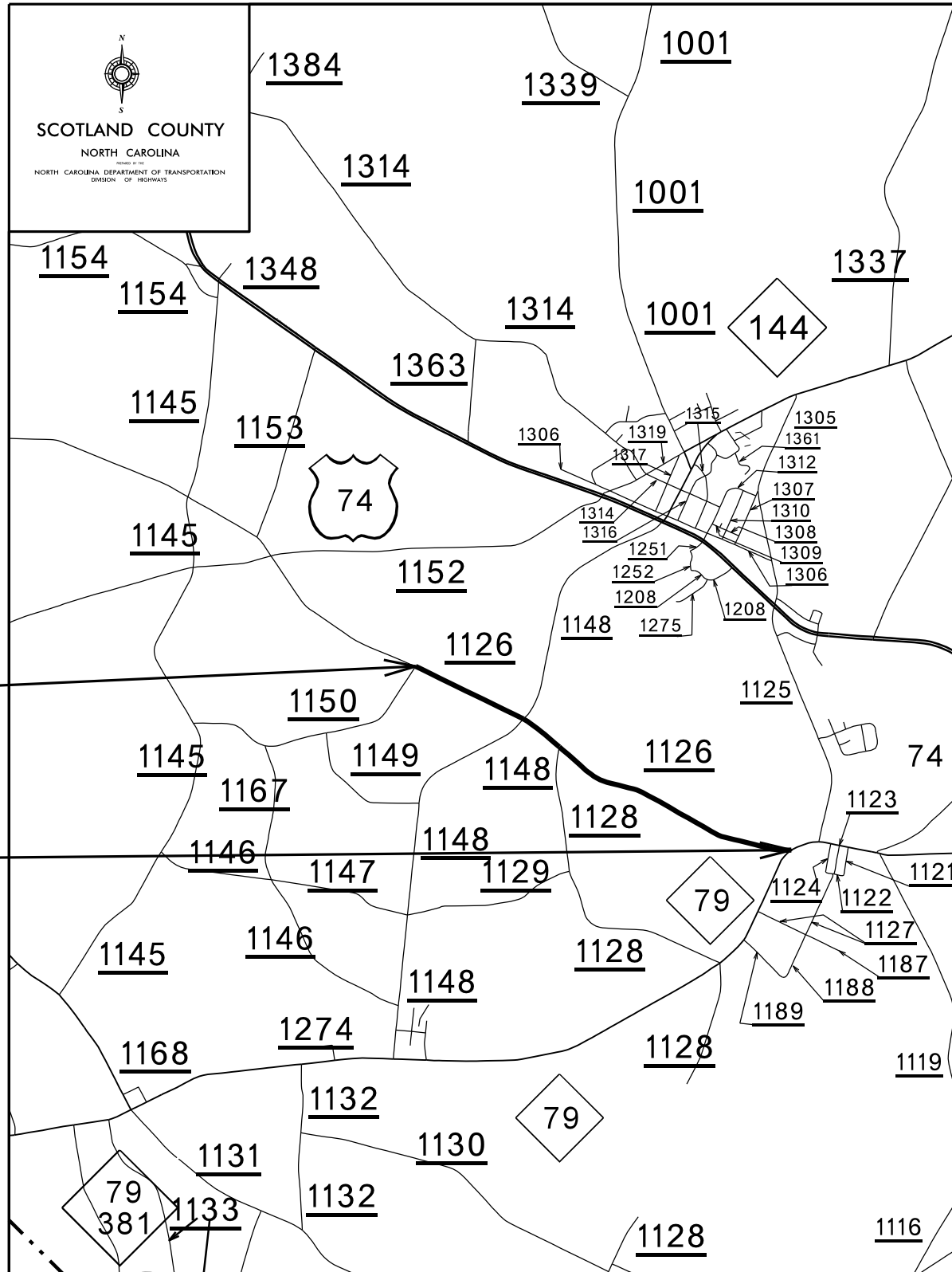
Patching and
1.5" Overlay S9.5B

SR 1214
Calloway Rd

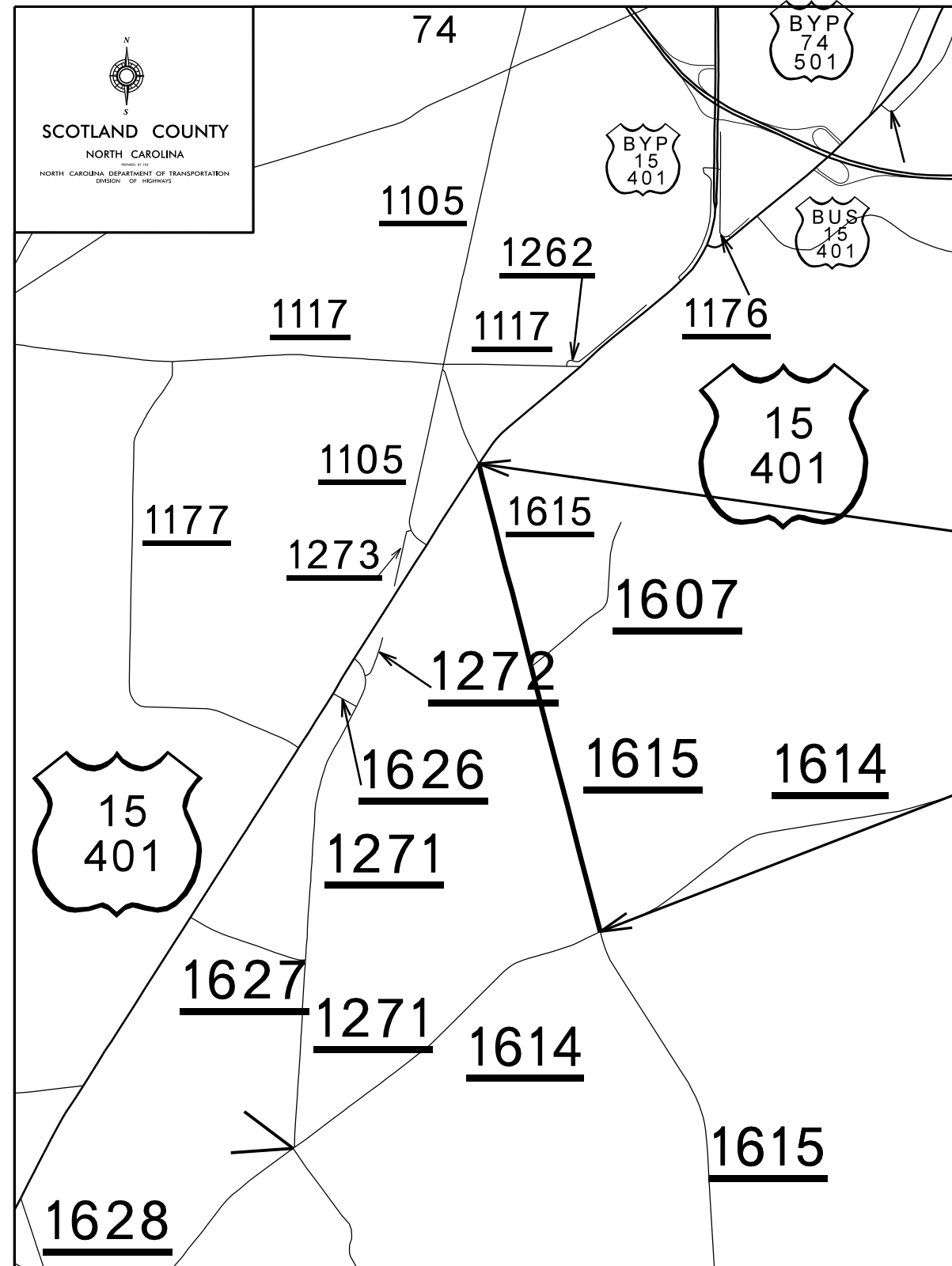
Patching and
1.5" Overlay S9.5B

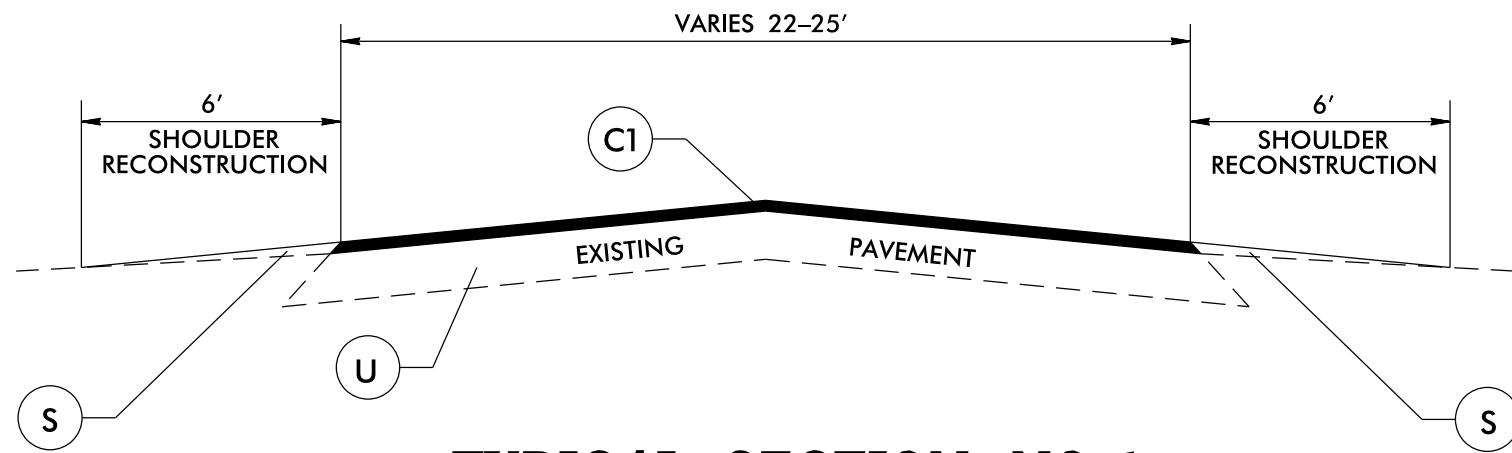
SR 1225
Ashemont Rd

Map 4

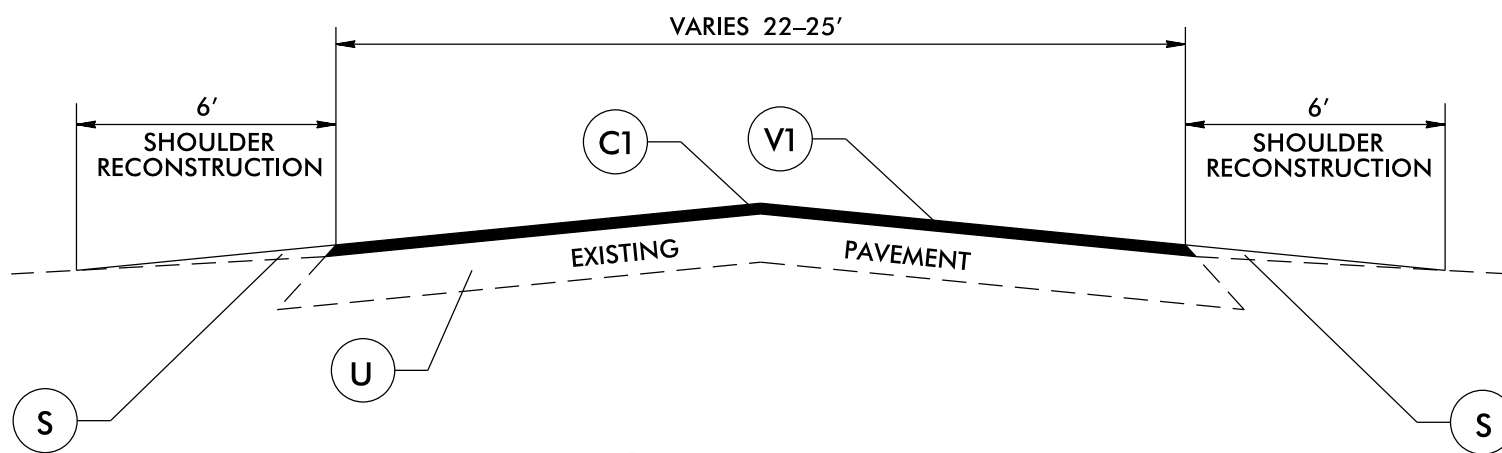


Map 5





TYPICAL SECTION NO. 1



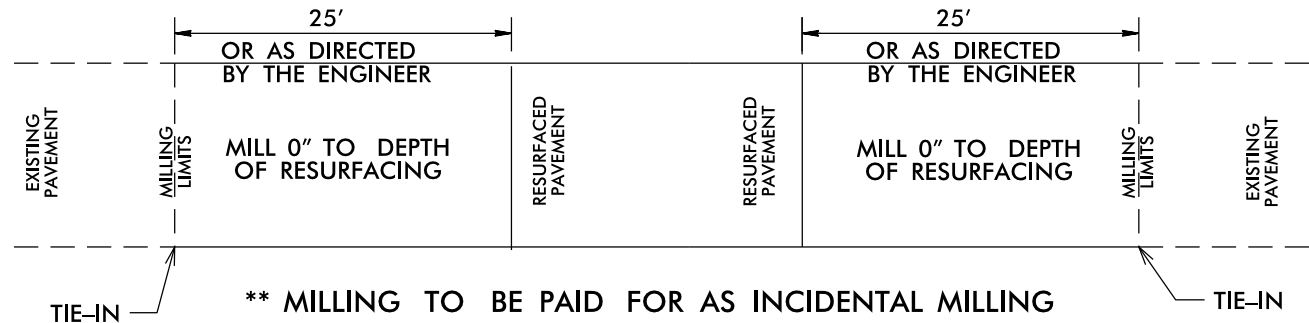
TYPICAL SECTION NO. 2

USE FOR
 MAP #1 BRIDGE #18 GUARDAIL SECTIONS
 MAP #2 BRIDGE #2

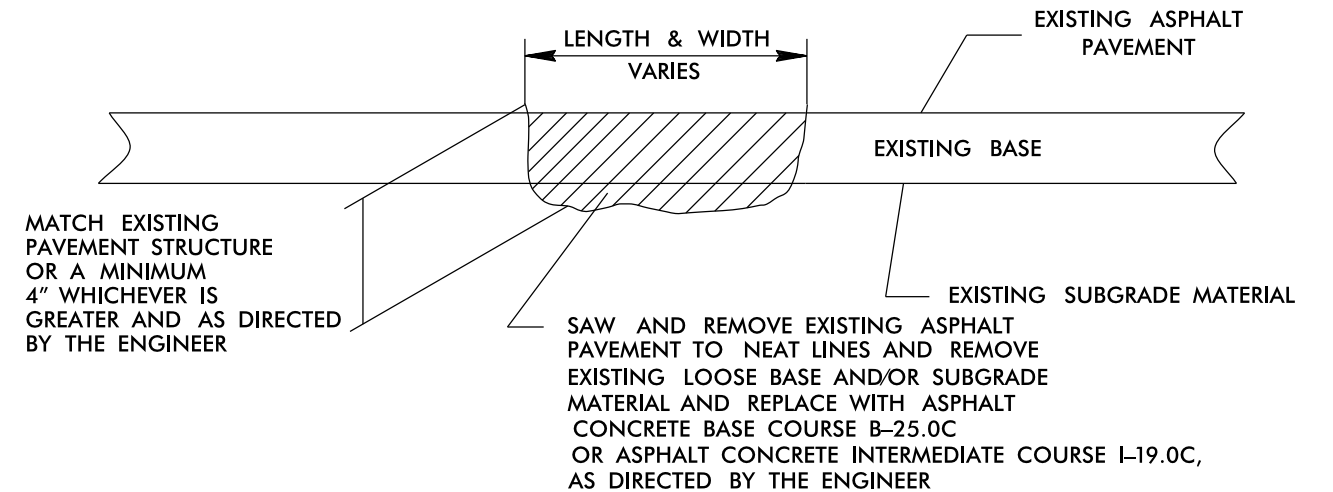
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
S	AGGREGATE SHOULDER BORROW
U	EXISTING PAVEMENT.
V1	MILLING 1.5" IN DEPTH

DETAILS AND NOTES

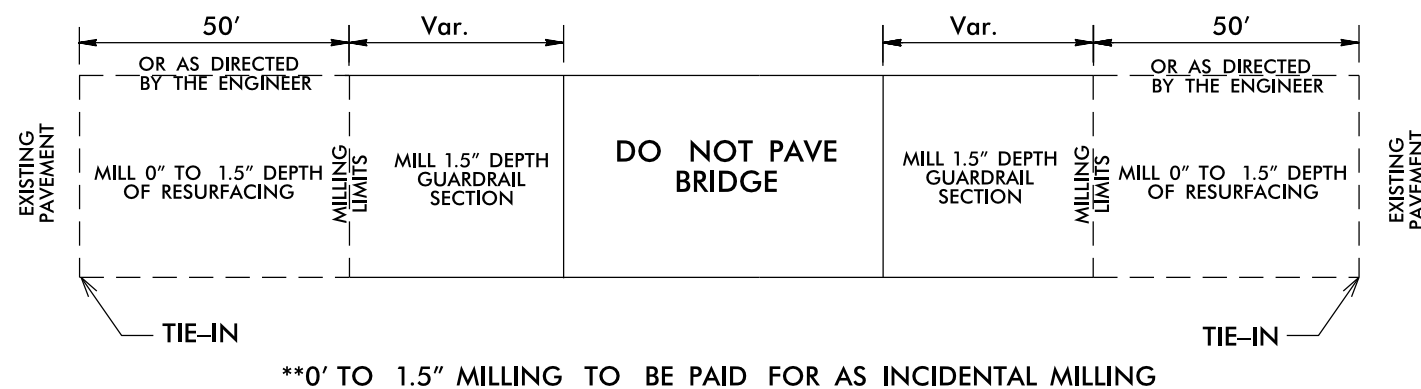
PAVEMENT TIE-IN DETAIL



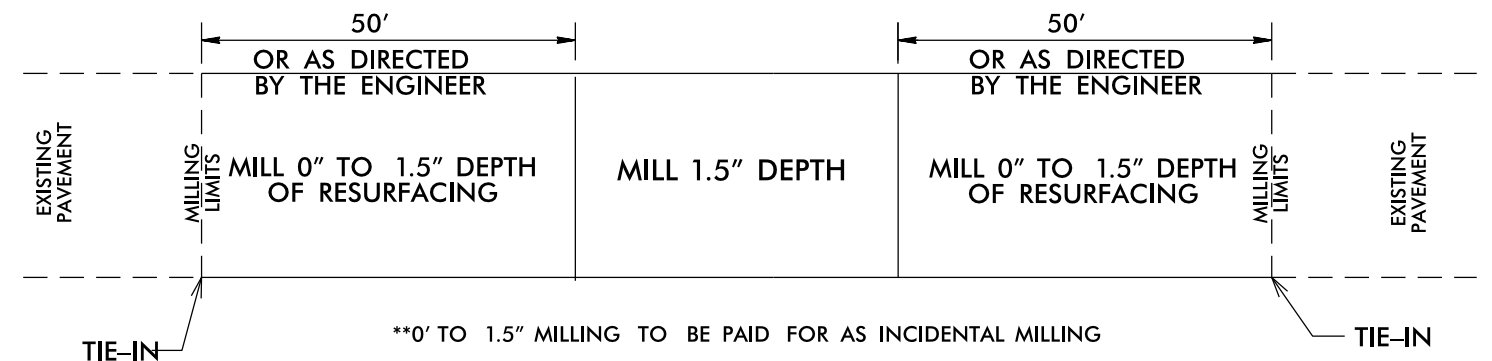
DETAILS OF PATCHING EXISTING PAVEMENT DETAIL



PAVEMENT TIE-IN DETAIL AT MAP 1 BRIDGE NO. 18



PAVEMENT TIE-IN DETAIL AT MAP 2 BRIDGE NO. 2

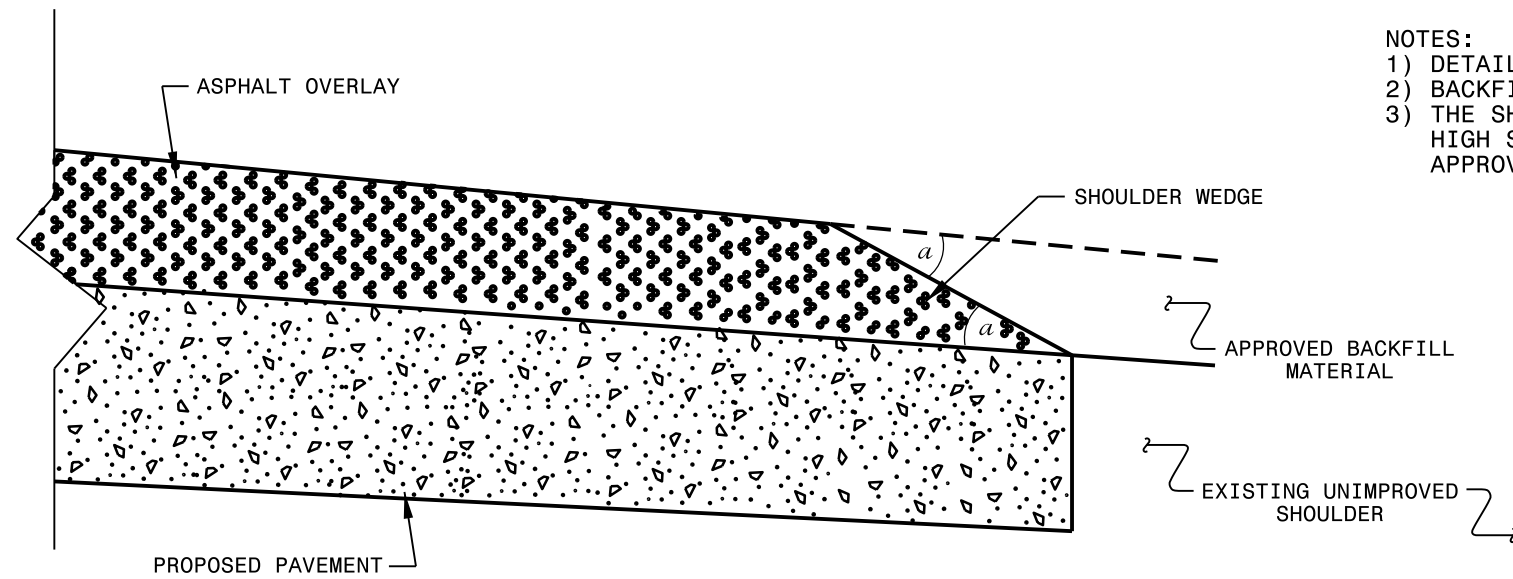


PROJECT NOTES

- ONE COAT OF PAINT MARKINGS TO BE APPLIED ON MAPS 2,3,4, AND 5. PERMANENT MARKINGS TO BE HANDLED ON A LATER PROJECT.

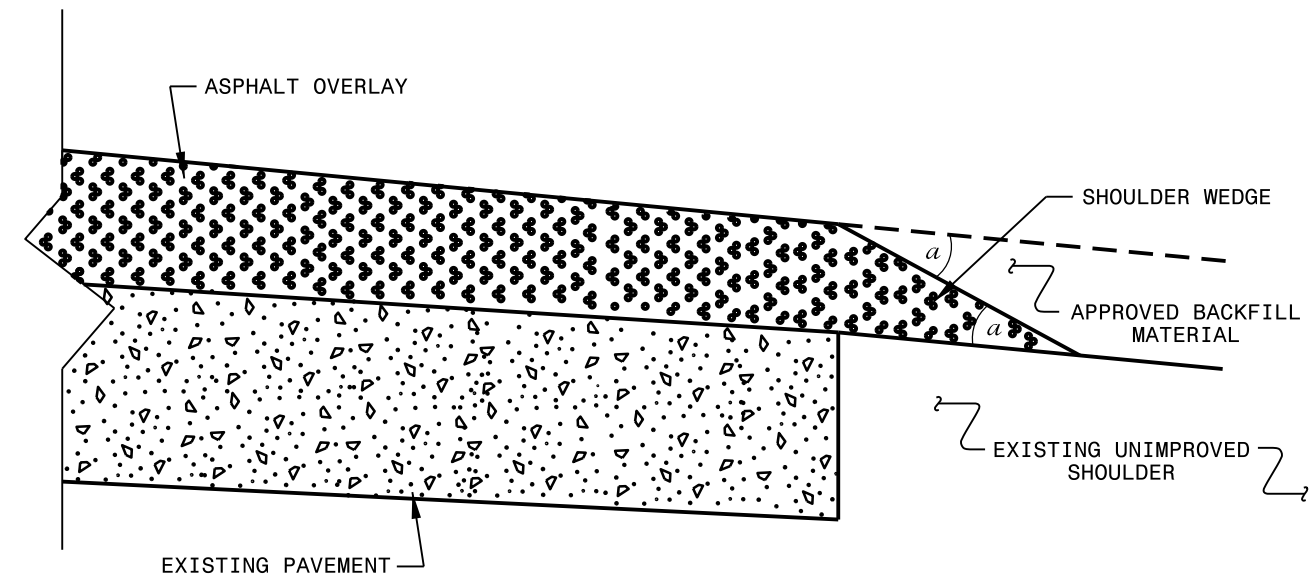
NOTES:

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



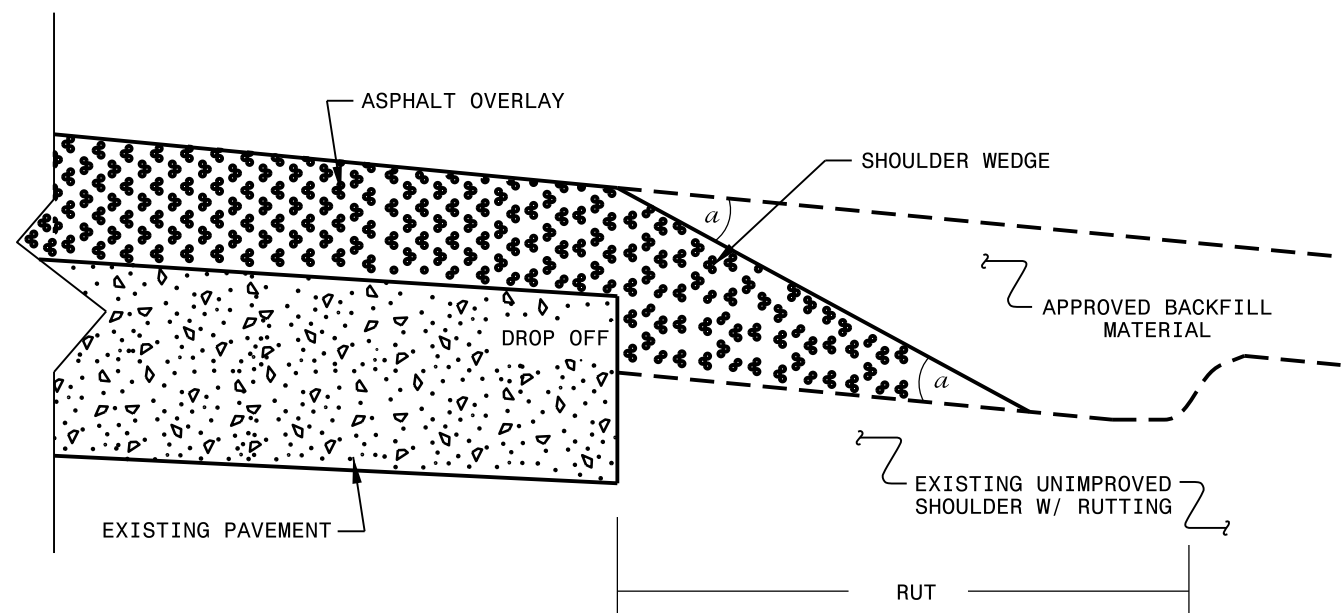
SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT		
Office 919-707-6950 FAX 919-250-4119		
SHOULDER WEDGE DETAILS		
ORIGINAL BY: T.SPELL	DATE: 7-19-11	
MODIFIED BY:	DATE: 2/2/16	
CHECKED BY:	DATE:	
FILE SPEC.: szusr/details/stand/shoulderwedgedetail.dgn		

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.08.10.10831, 2023CPT.08.10.20471, 2023CPT.08.10.20831	11	

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	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	2845000000-N
												SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJUST METER OR VALVE BOX
												SMI	TON	SY	SY	TONS	TONS	TONS	EA
2023CPT.08.10.10831	Scotland	1	US HWY 501 (JOHNS RD.)	FROM C.J. S. OF SR 1614(BARNES BRIDGE RD.) TO ROBESON CO. LN.	1,2	2	2WU	NO	NO	4.24	25	8.53	1,195.00	3,555	2,633	6,264	420		
TOTAL FOR MAP NO. 1											4.24	1,195.00	3,555	2,633	6,264	420			
TOTAL FOR PROJ NO. 2023CPT.08.10.10831											4.24	1,195.00	3,555	2,633	6,264	420			
2023CPT.08.10.20471	Hoke	2	SR 1214 (CALLOWAY RD.)	FROM SR 1219 (ARMY RD) TO SR 1215 (MONTROSE RD)	1,2	2	2WU	NO	NO	2.3	22	4.60	644.00	133	1,301	2,450	168	70	
TOTAL FOR MAP NO. 2											2.3	644.00	133	1,301	2,450	168	70		
2023CPT.08.10.20471	Hoke	3	PINE HILL FIRE DEPARTMENT	DRIVEWAYS AT SR 1214(CALLOWAY RD) AND SR 1225(ASHEMONT RD)	1	2	2WU	NO	NO	0.032	33					94	7	17	
TOTAL FOR MAP NO. 3											0.032					94	7	17	
TOTAL FOR PROJ NO. 2023CPT.08.10.20471											2.332	644.00	133	1,301	2,544	175	87		
2023CPT.08.10.20831	Scotland	4	SR 1126 (ROCKINGHAM RD.)	FROM NC HWY 79 (GIBSON RD) TO SR 1150 (WALTERS RD)	1	2	2WU	NO	NO	2.34	22	4.68	655.00		620	2,492	167		
TOTAL FOR MAP NO. 4											2.34	655.00		620	2,492	167			
2023CPT.08.10.20831	Scotland	5	SR 1615 (HASTY RD.)	FROM SR 1614(BARNES BRIDGE RD) TO US HWY 15/401(MCCOLLRD)	1	2	2WU	NO	NO	1.54	24	2.99	420.00		961	2,160	150	102	5
TOTAL FOR MAP NO. 5											1.54	420.00		961	2,160	150	102	5	
TOTAL FOR PROJ NO. 2023CPT.08.10.20831											3.88	1,075.00		1,581	4,652	317	102	5	
GRAND TOTAL											10.452	2,914.00	3,688	5,515	13,460	912	189	5	

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.08.10.10831, 2023CPT.08.10.20471 2023CPT.08.10.20831	12	

THERMOPLASTIC AND PAINT QUANTITIES

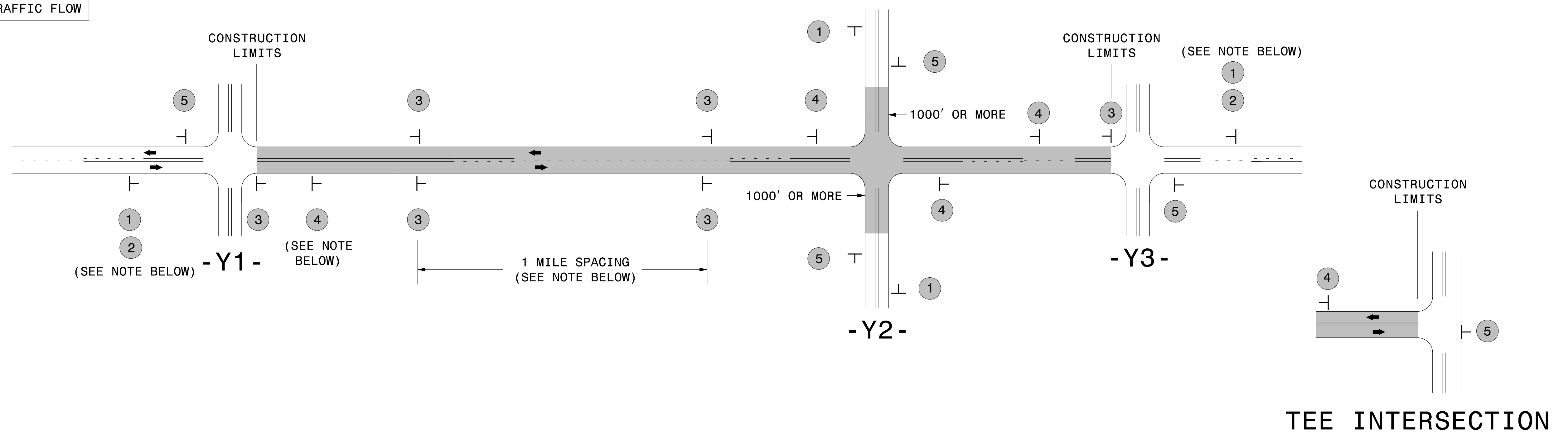
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E		4810000000-E		4835000000-E	4900000000-N	4905100000-N	
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" WHITE PAINT	4" YELLOW PAINT	24" WHITE PAINT	YELLOW & YELLOW MARKERS	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER Y&Y	
										MI	FT	SF	LS	LF	LF	LF	LF	EA	EA
2023CPT.08.10.10831	Scotland	1	US HWY 501 (JOHNS RD.)	FROM C.J. S. OF SR 1614(BARNES BRIDGE RD.) TO ROBESON CO. LN.	1,2	2	2WU	4.24	25	475	*	45,057	25,833					302	
TOTAL FOR MAP NO. 1							4.24			475		45,057	25,833					302	
TOTAL FOR PROJ NO. 2023CPT.08.10.10831							4.24			475	*	45,057	25,833					302	
												70,890							
2023CPT.08.10.20471	Hoke	2	SR 1214 (CALLOWAY RD.)	FROM SR 1219 (ARMY RD) TO SR 1215 (MONTROSE RD)	1,2	2	2WU	2.3	22	258	*			24,288	15,180	92	152		
TOTAL FOR MAP NO. 2							2.3			258				24,288	15,180	92	152		
2023CPT.08.10.20471	Hoke	3	PINE HILL FIRE DEPARTMENT	DRIVEWAYS AT SR 1214(CALLOWAY RD) AND SR 1225(ASHEMONT RD)	1	2	2WU	0.032	33		*								
TOTAL FOR MAP NO. 3							0.032												
TOTAL FOR PROJ NO. 2023CPT.08.10.20471							2.332			258	*			24,288	15,180	92	152		
												39,468							
2023CPT.08.10.20831	Scotland	4	SR 1126 (ROCKINGHAM RD.)	FROM NC HWY 79 (GIBSON RD) TO SR 1150 (WALTERS RD)	1	2	2WU	2.34	22	262	*			24,710	15,444		154		
TOTAL FOR MAP NO. 4							2.34			262				24,710	15,444		154		
2023CPT.08.10.20831	Scotland	5	SR 1615 (HASTY RD.)	FROM SR 1614(BARNES BRIDGE RD) TO US HWY 15/401(MCCOLLRD)	1	2	2WU	1.54	24	172	*			15,829	6,407		115		
TOTAL FOR MAP NO. 5							1.54			172				15,829	6,407		115		
TOTAL FOR PROJ NO. 2023CPT.08.10.20831							3.88			434	*			40,539	21,851		269		
												62,390							
GRAND TOTAL							10.452			1,167	1.0000	45,057	25,833	64,827	37,031	92	421	302	
												70,890		101,858					

SIGNING FOR RESURFACING PROJECTS

LEGEND

┃ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3	 <small>SP 13107 48" X 48"</small>	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4	 <small>SP 13106 48" X 48"</small>	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

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

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

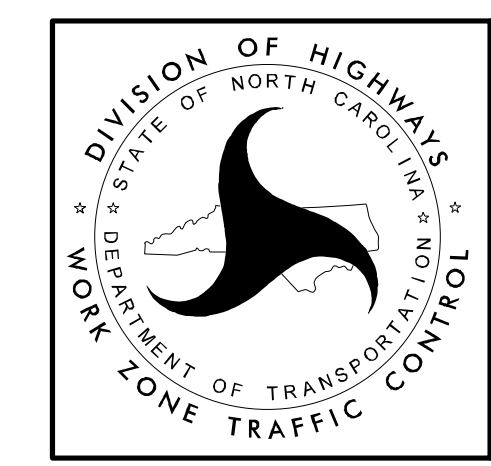
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

 <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER.	 <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER.
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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 WARNINGS SIGNS.



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