

DAVIDSON COUNTY

RANDOLPH COUNTY

STANLY COUNTY

MOORE COUNTY

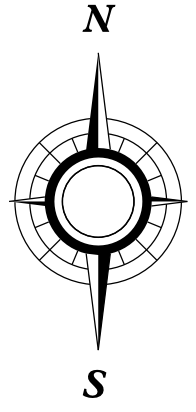
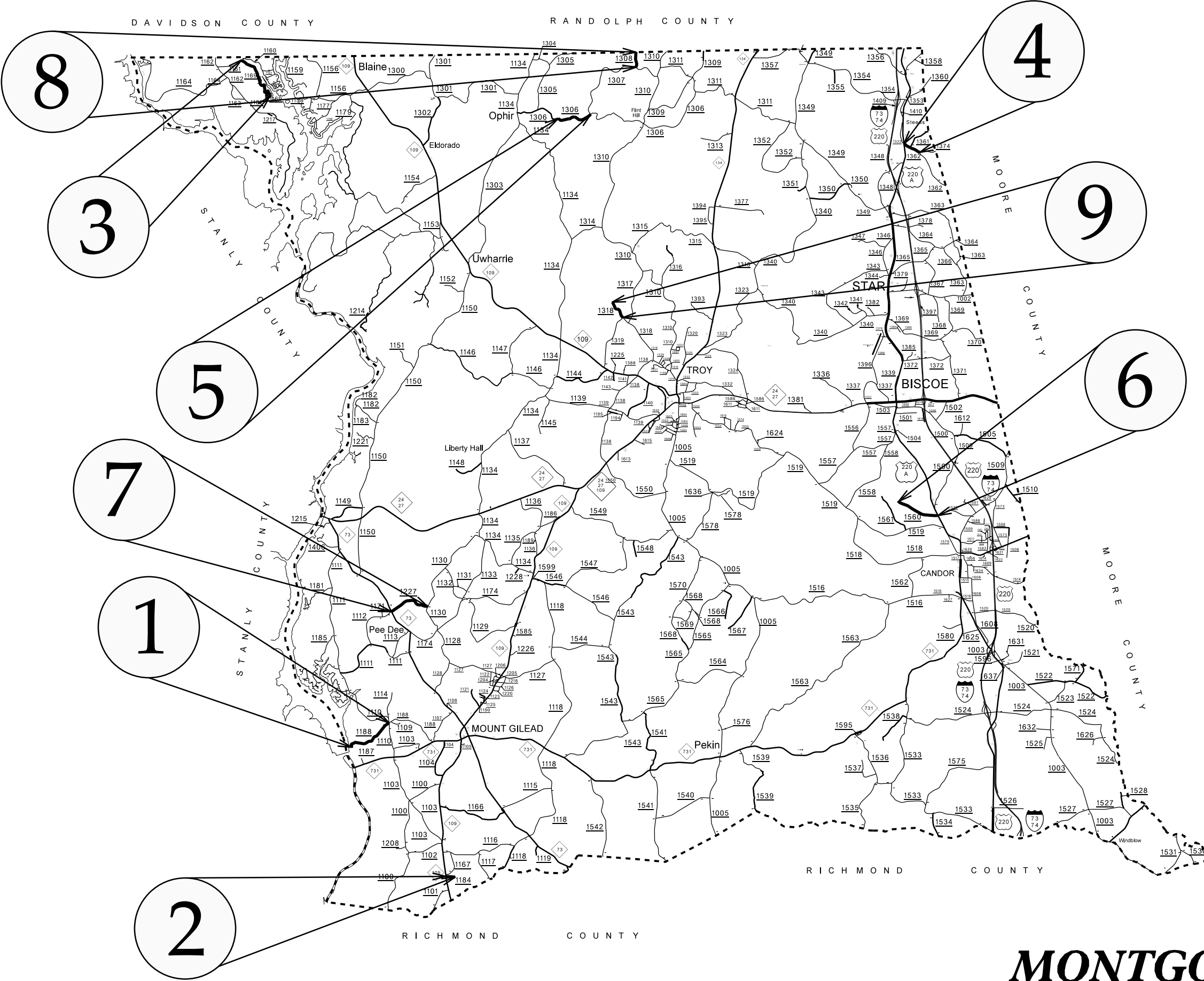
STANLY COUNTY

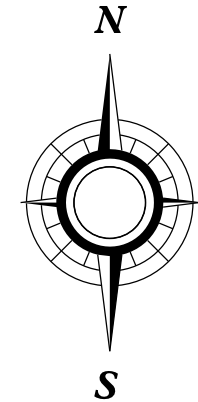
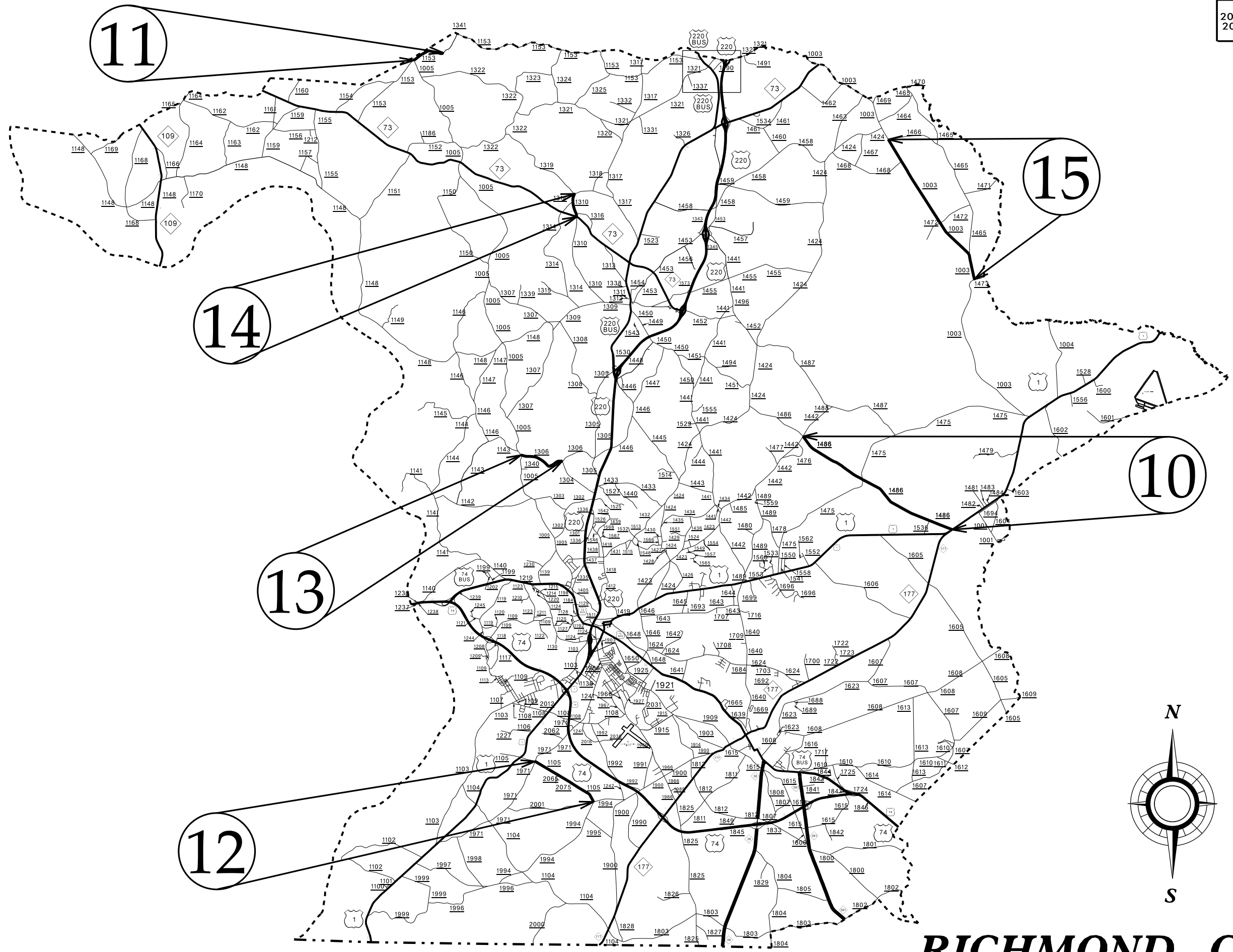
MOORE COUNTY

RICHMOND COUNTY

RICHMOND COUNTY

MONTGOMERY COUNTY

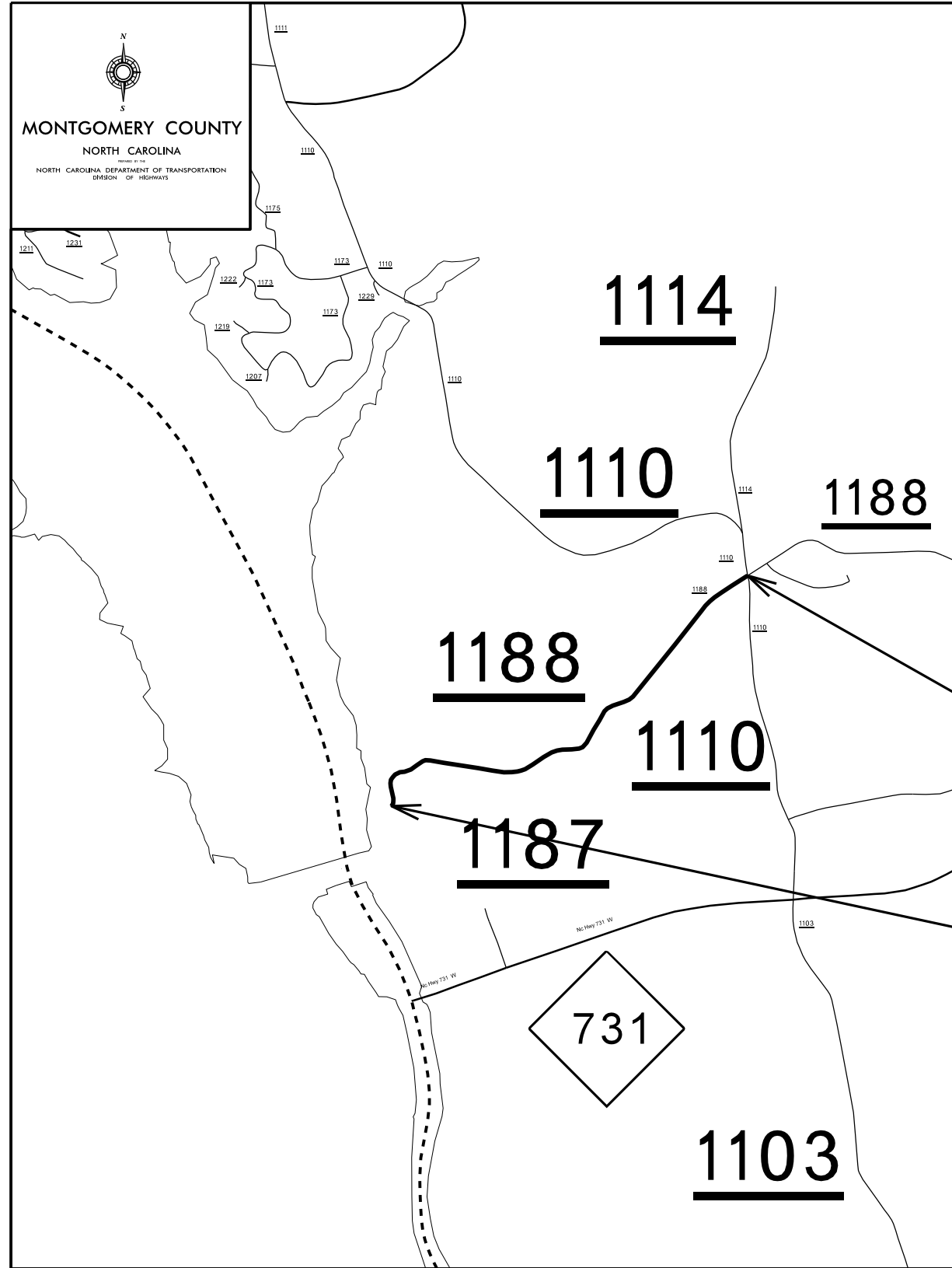




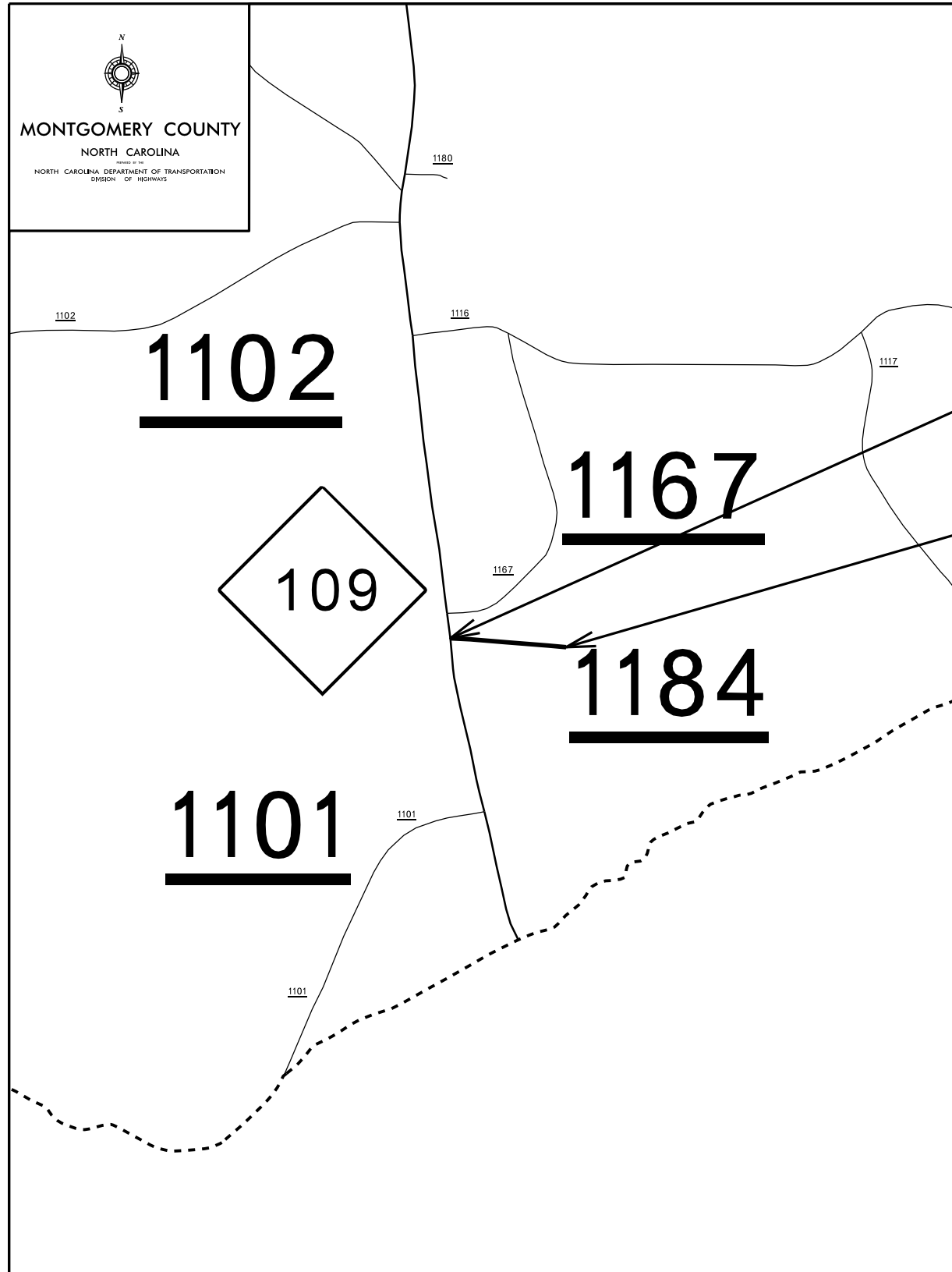
RICHMOND COUNTY

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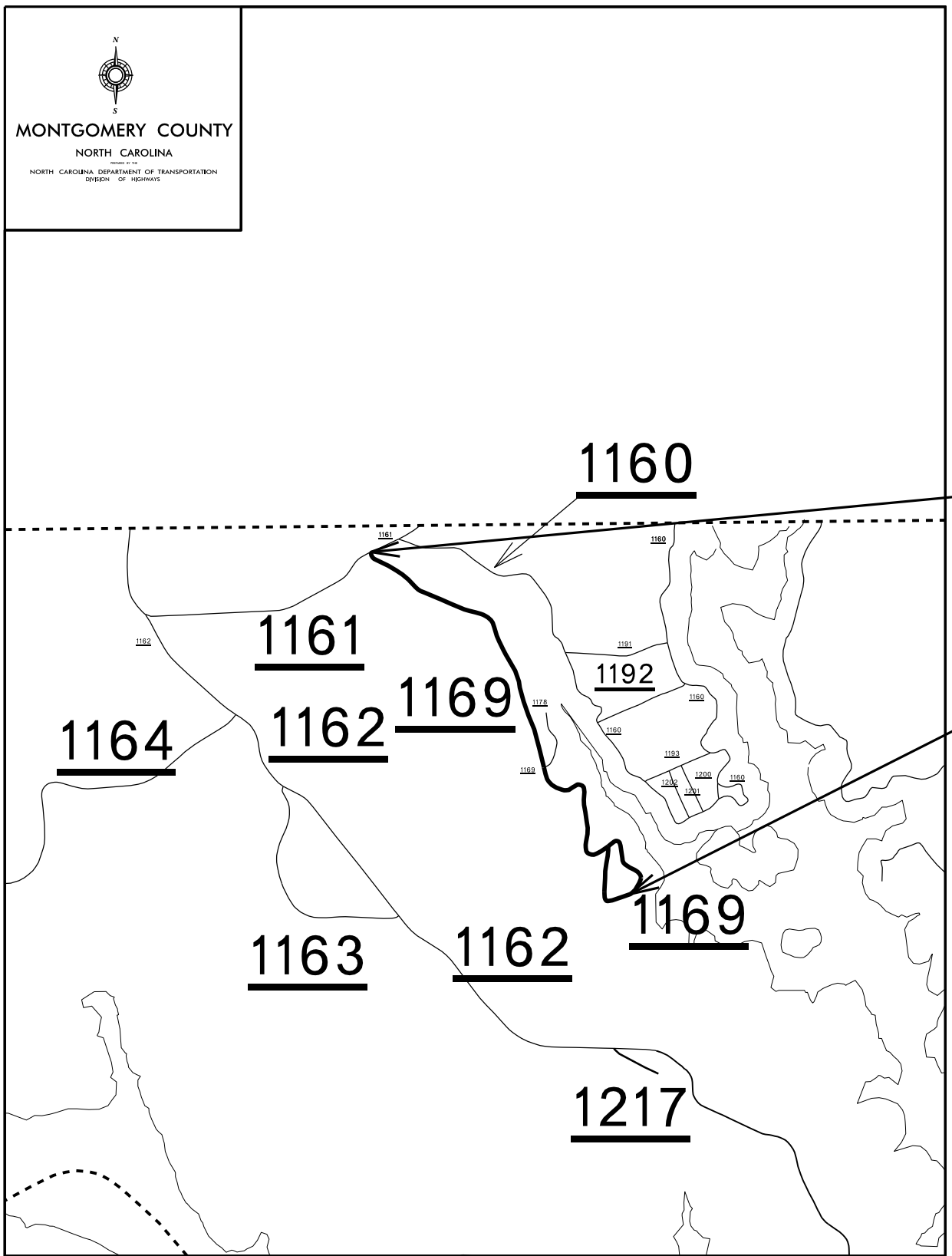
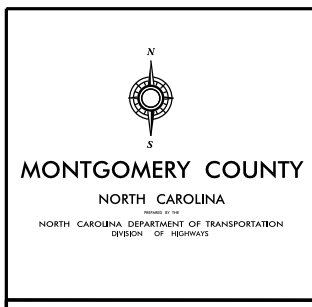
Map 1



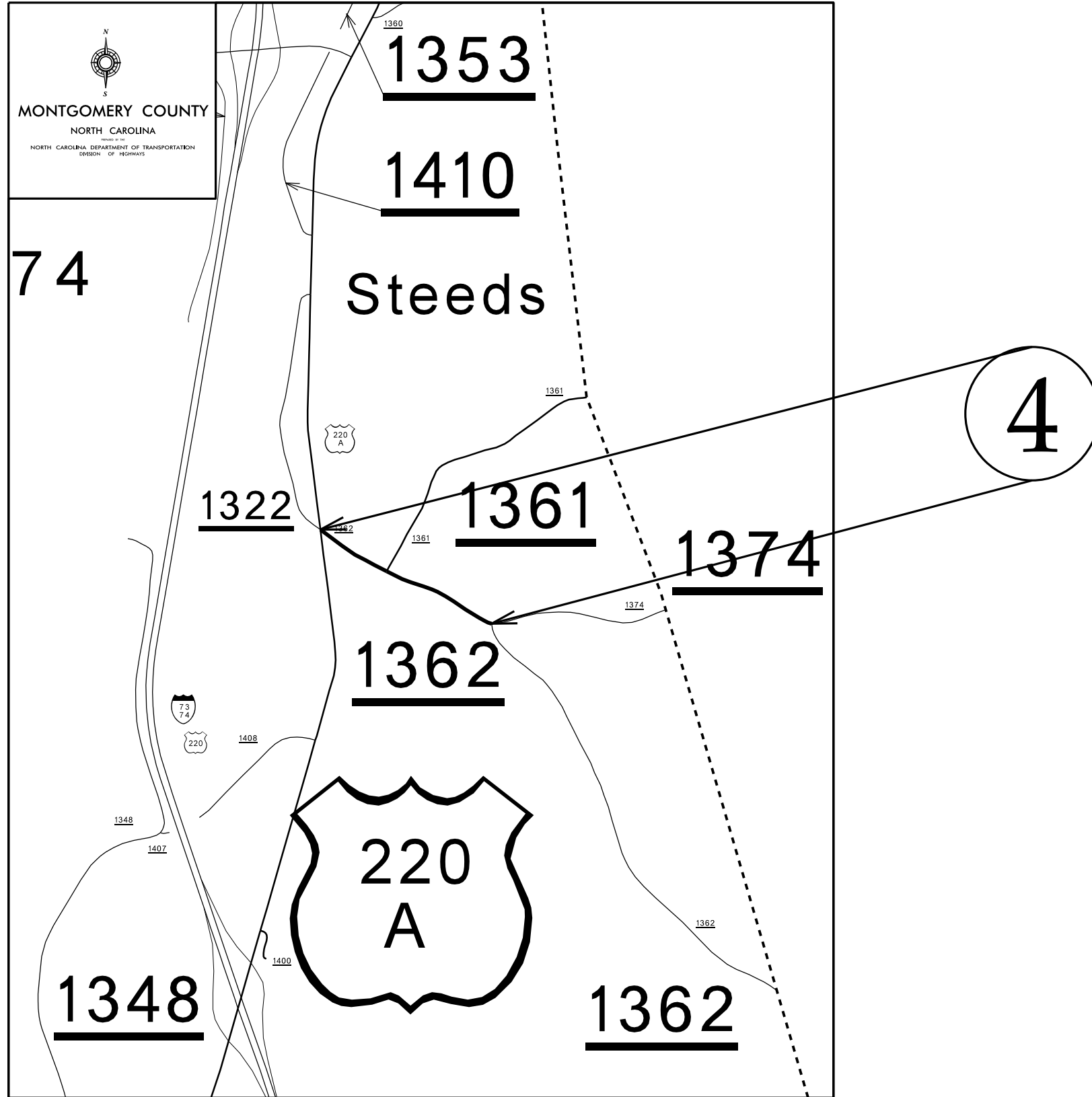
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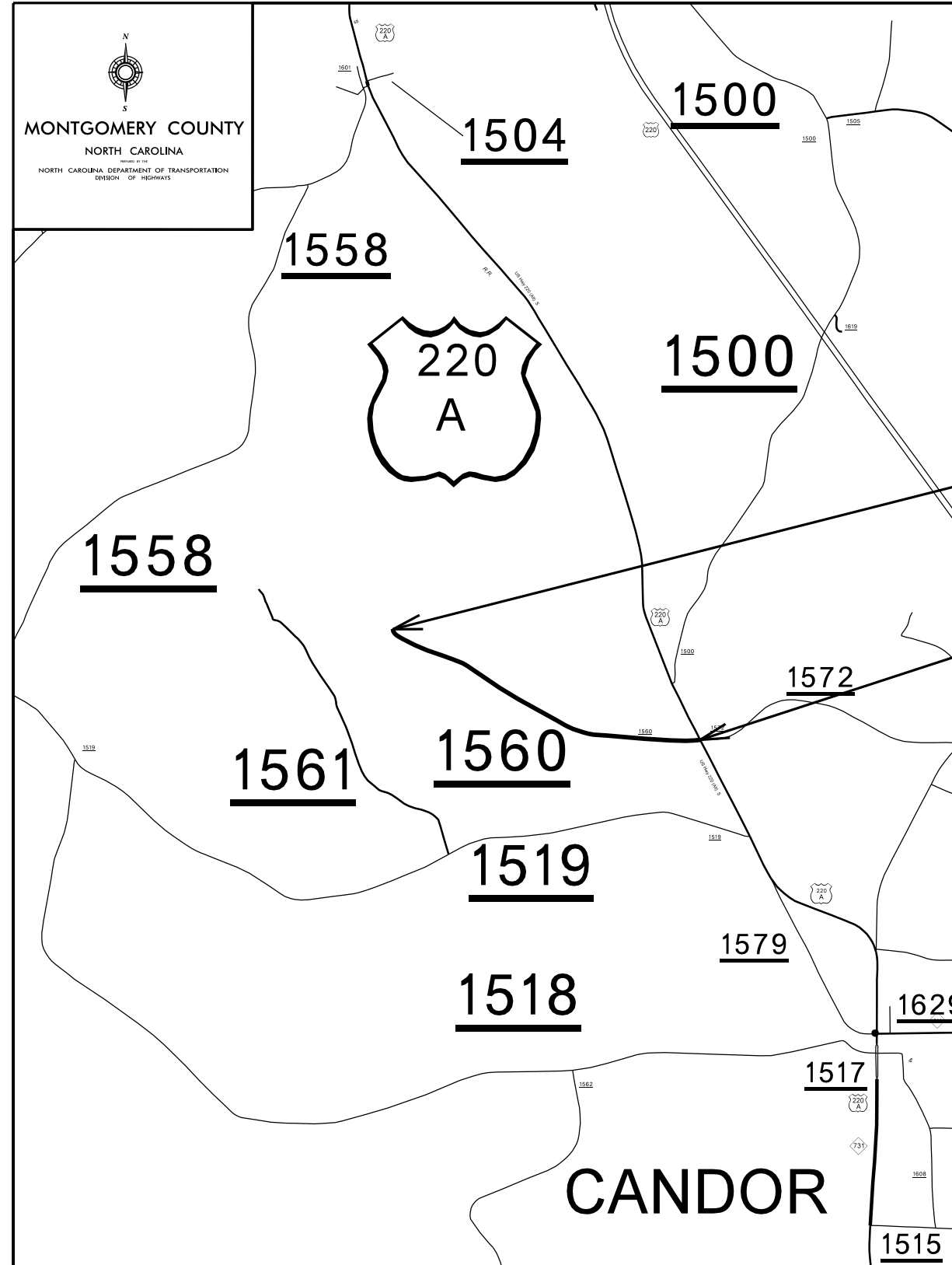
Map 3



Map 4

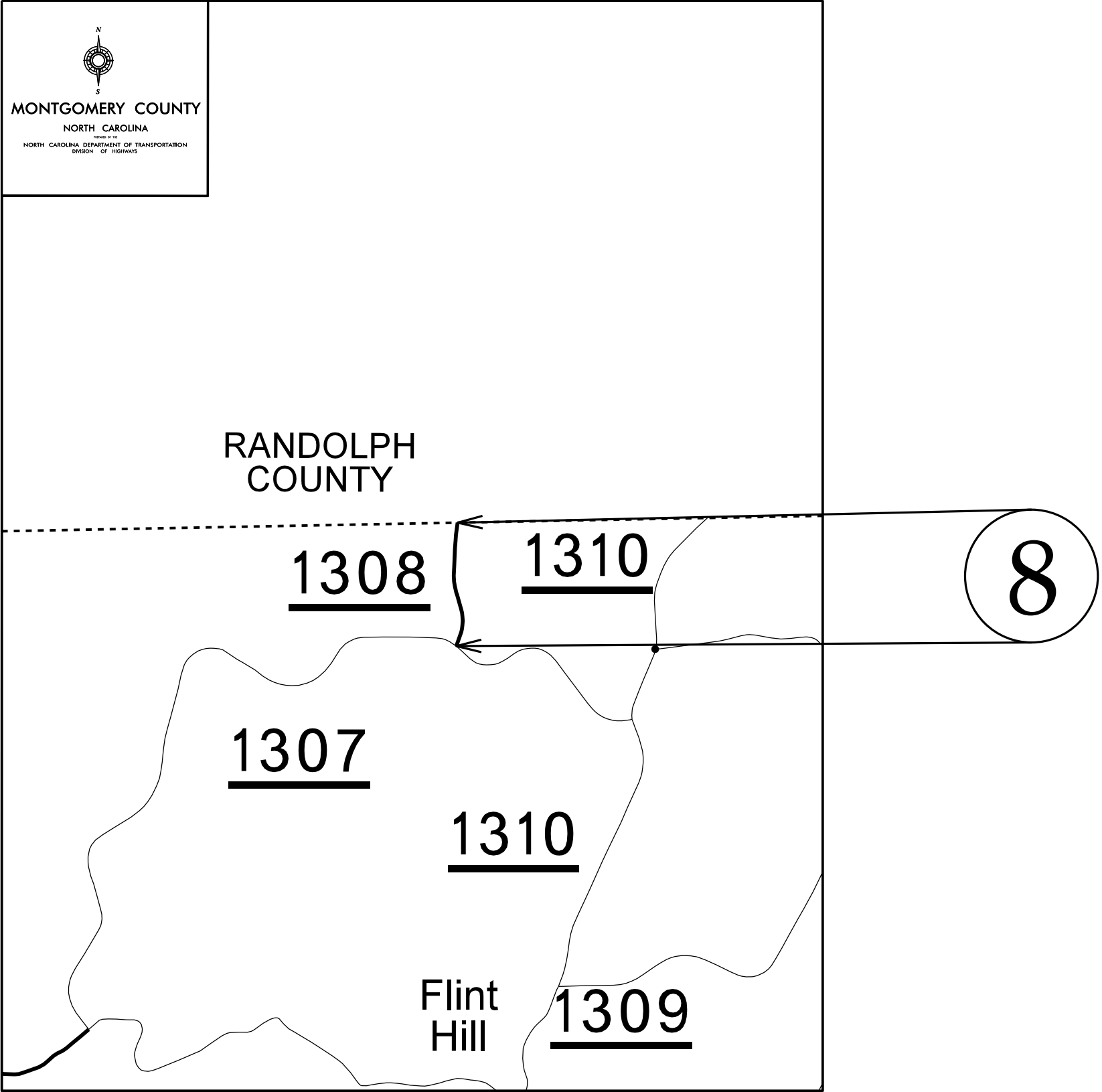


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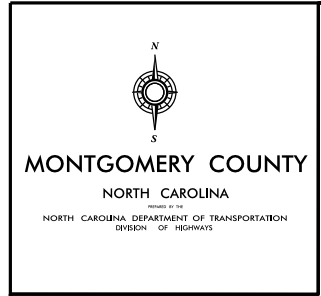
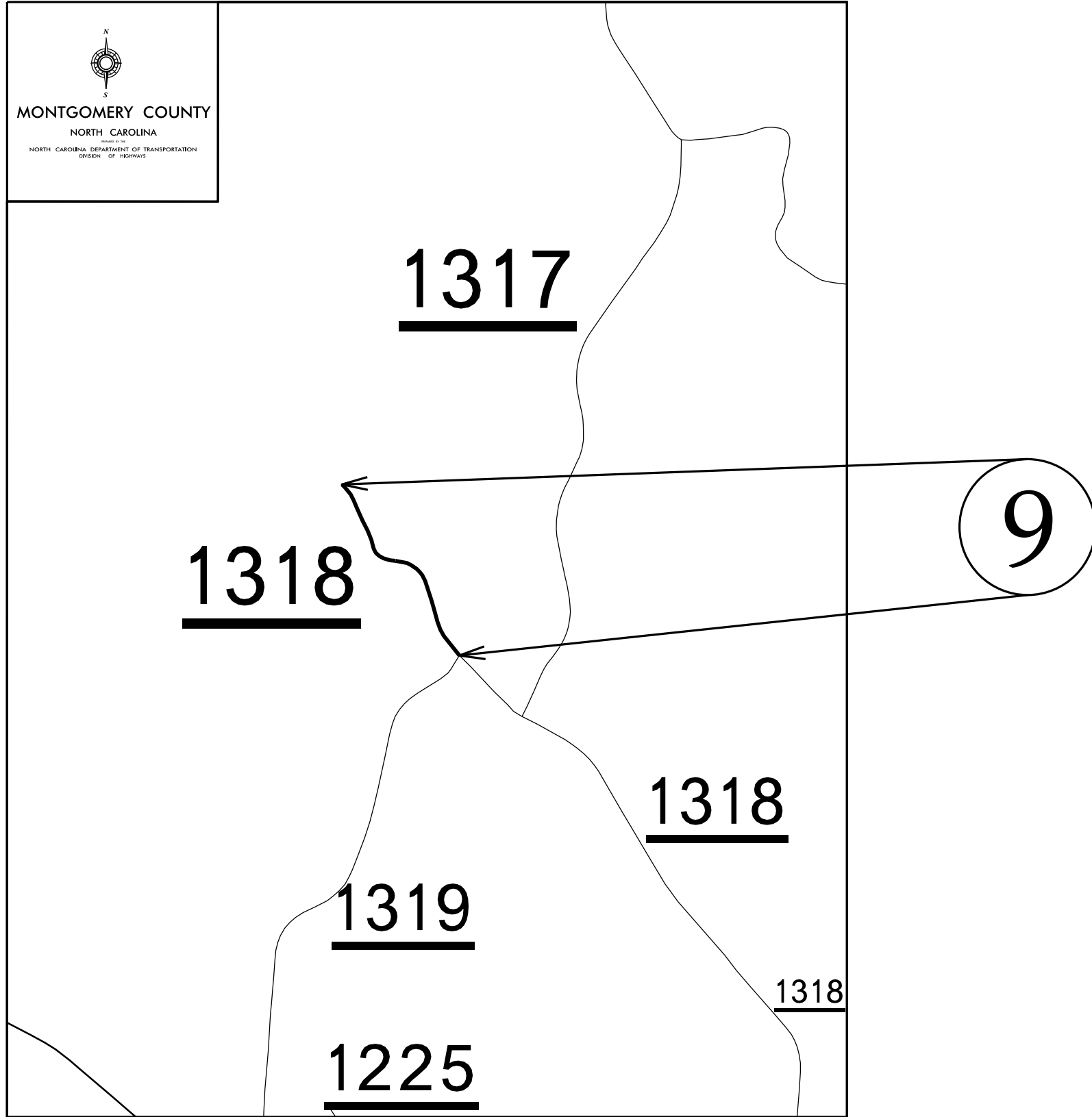
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Map 8



WBS ELEMENT	SHEET NO.
2023CPT.08.08.20622	11
2023CPT.08.11.20772	

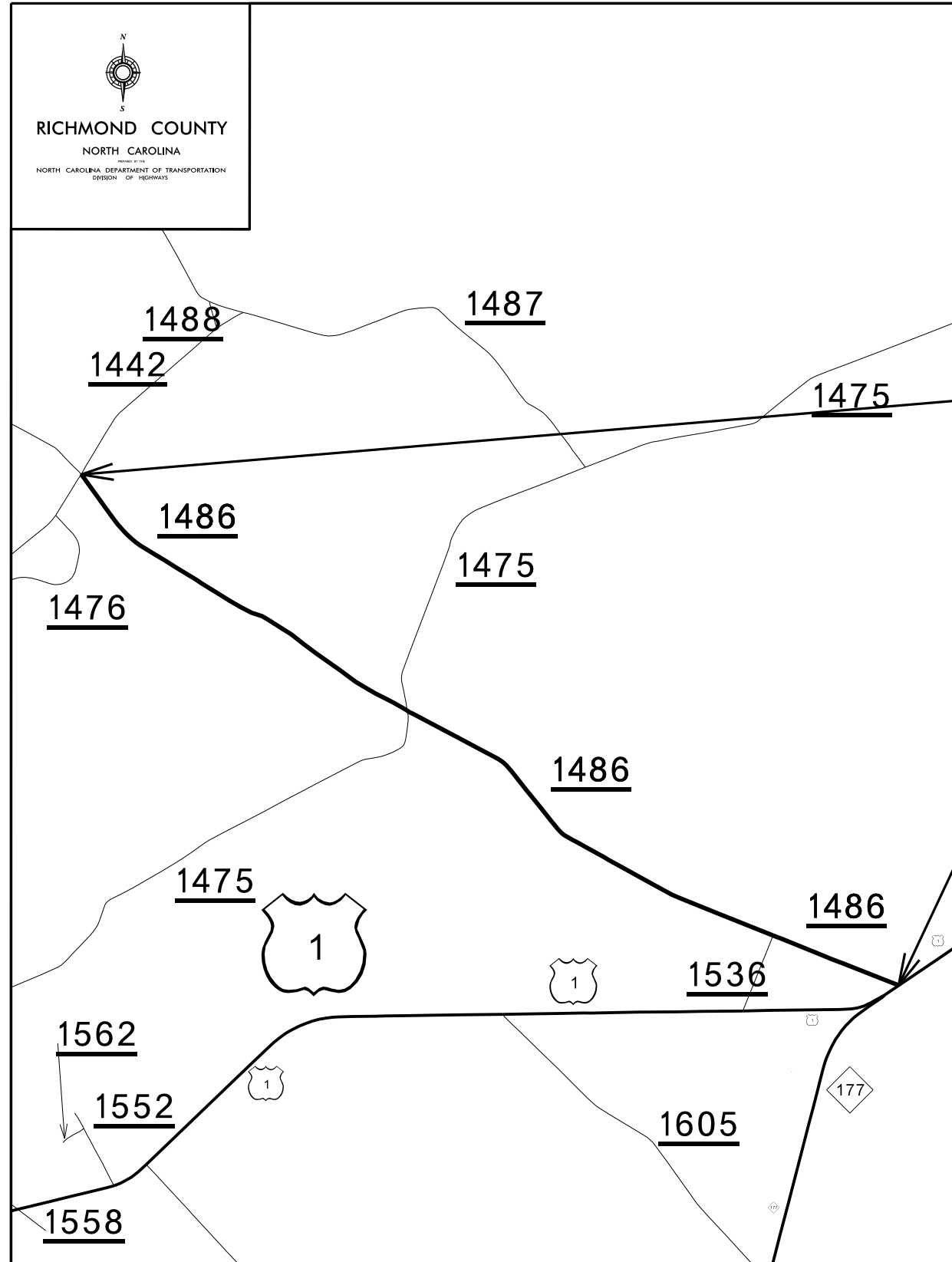
Map 9



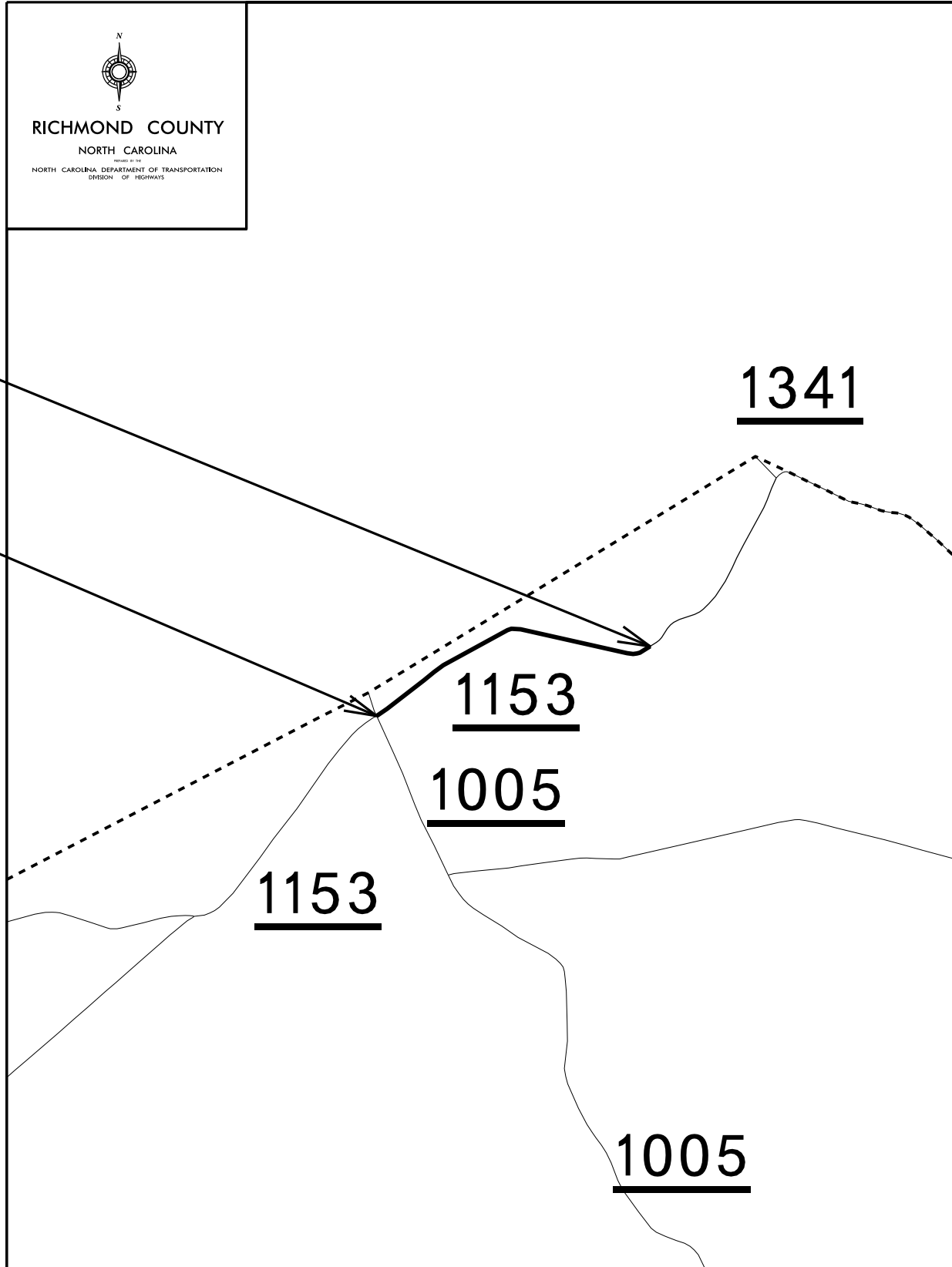
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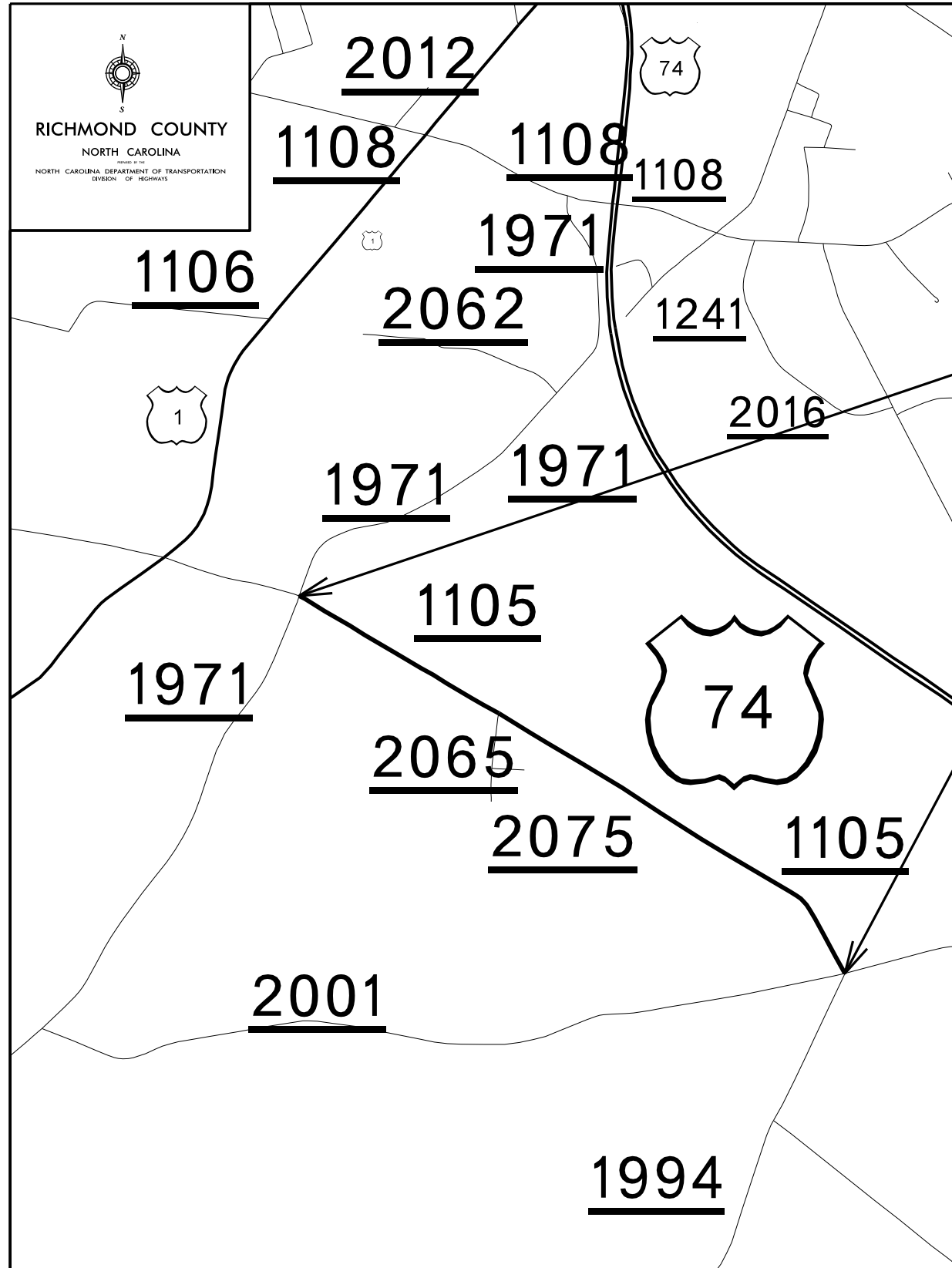
Map 10



Map 11

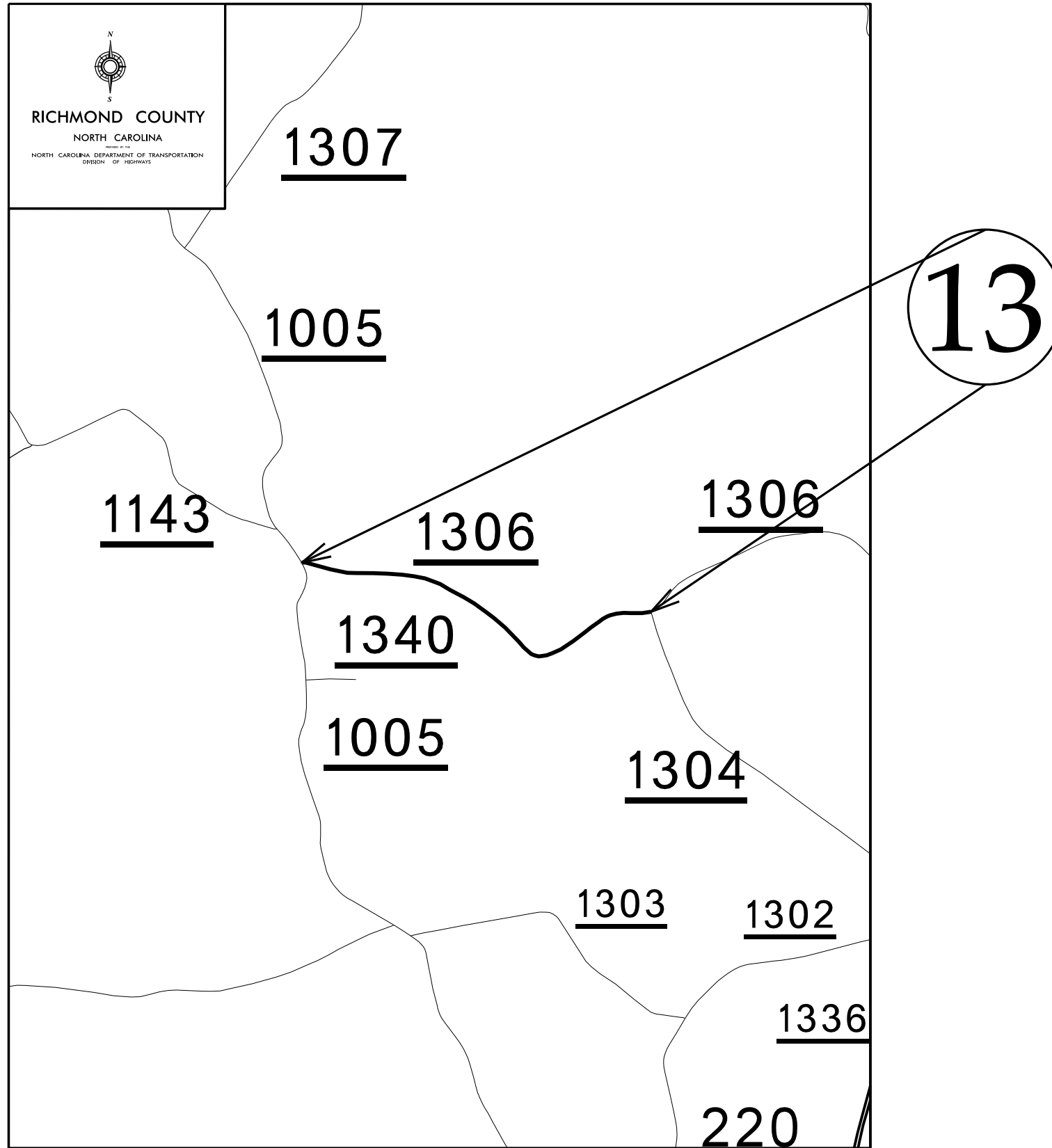


Map 12

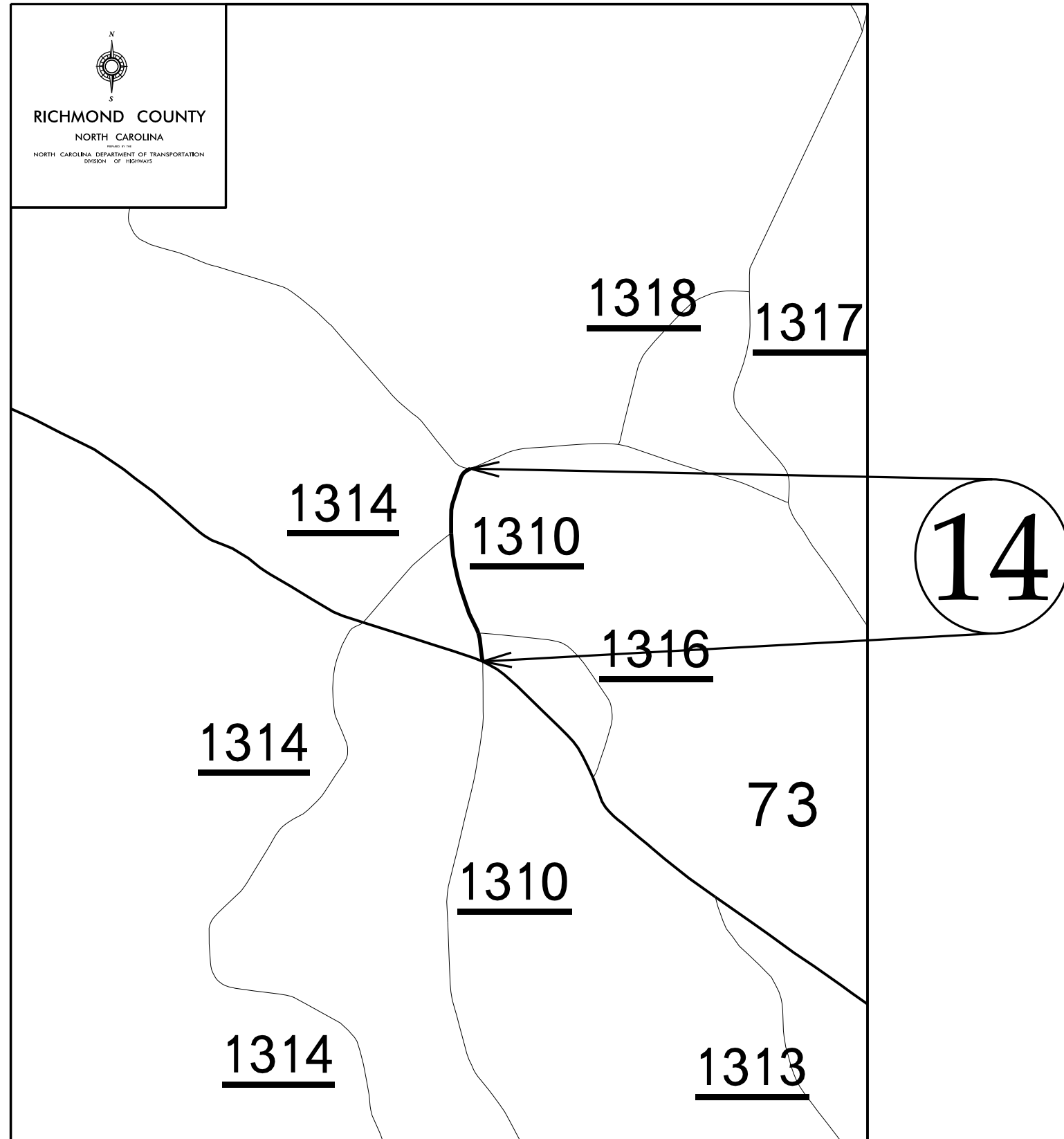


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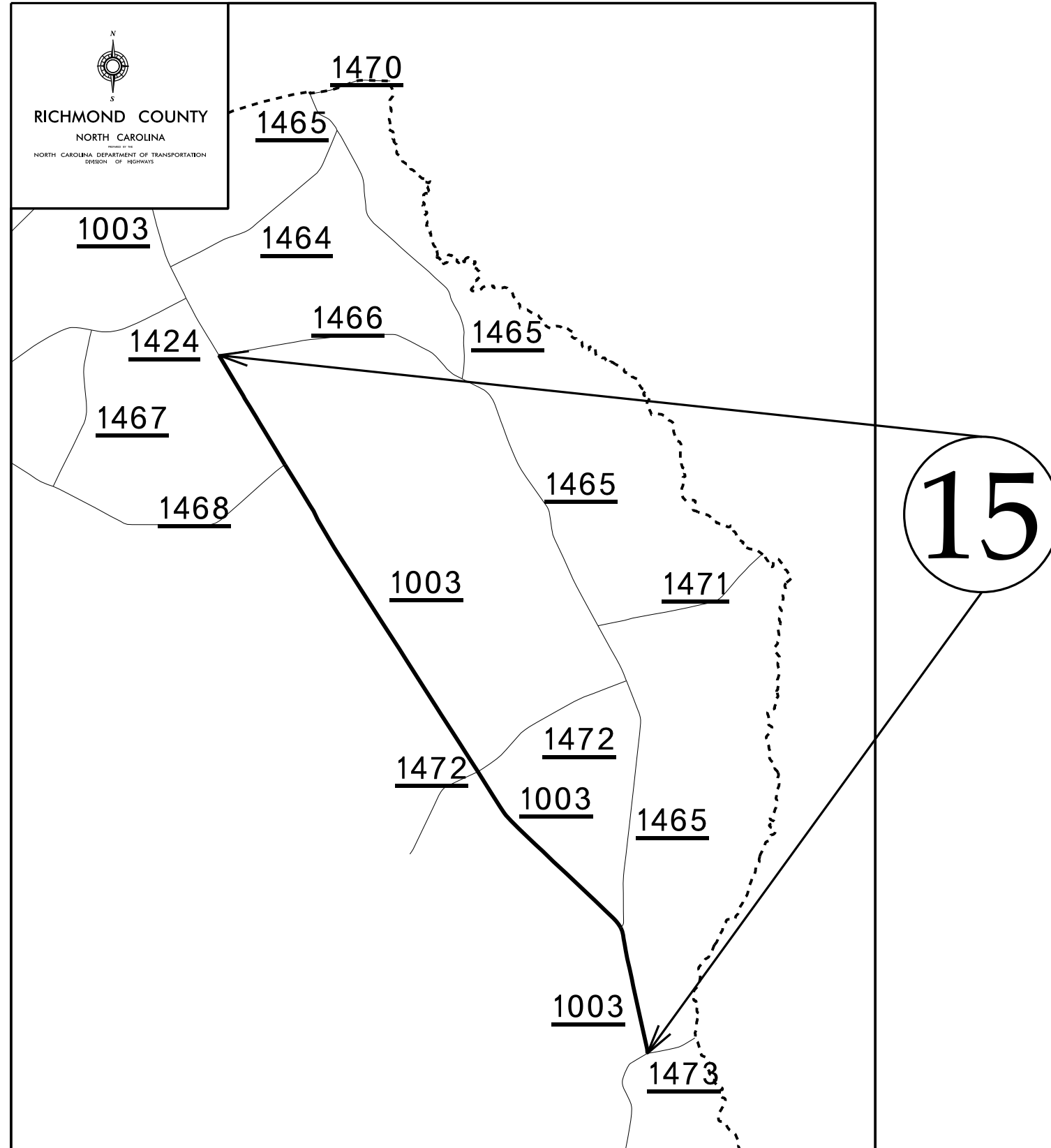
Map 13

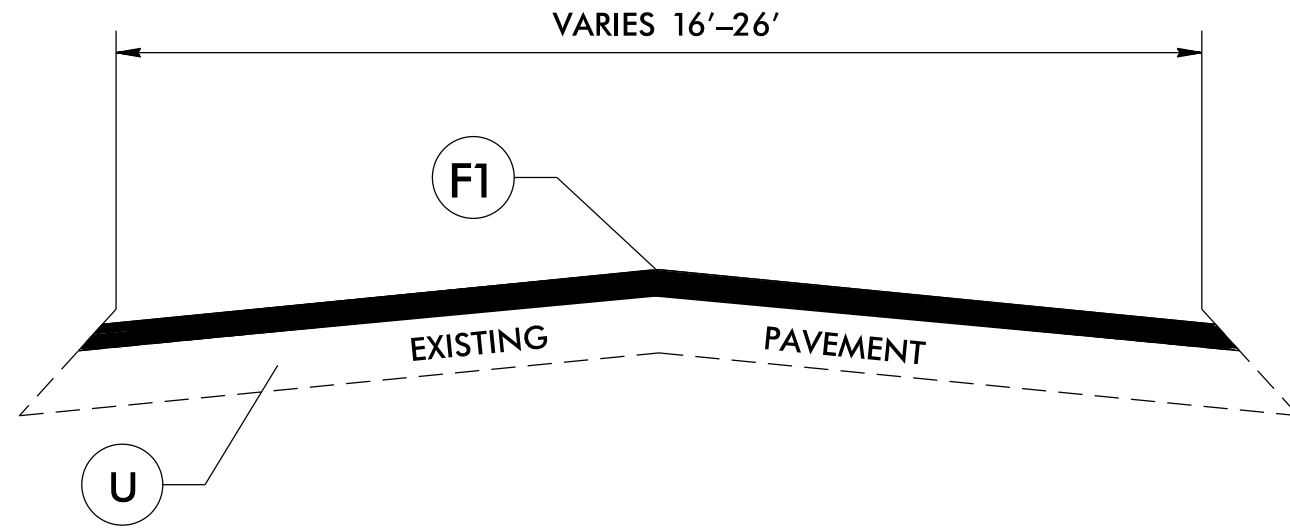


Map 14



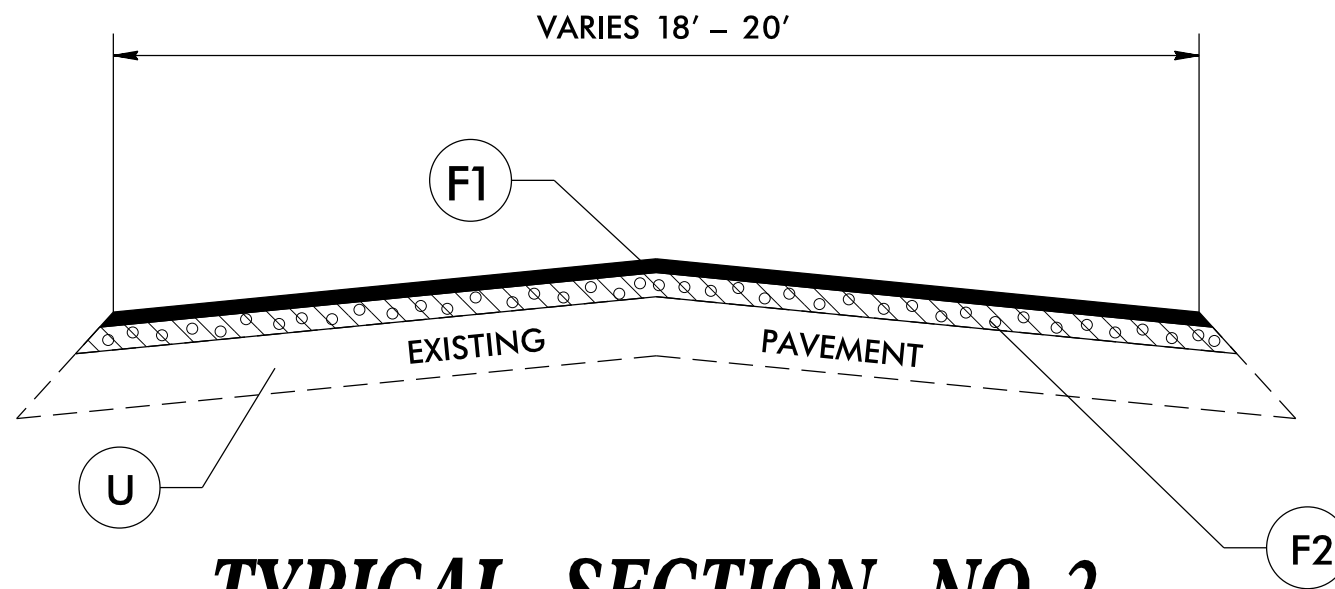
Map 15





TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE	
F1	PROP. ASPHALT SURFACE TREATMENT DOUBLE SEAL
F2	PROP. ASPHALT SURFACE TREATMENT, FOG SEAL
U	EXISTING PAVEMENT



TYPICAL SECTION NO. 2

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.08.08.20622, 2023CPT.08.11.20772	19	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANE S	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	1022000000-E		1575000000-E	1704000000-E	1803500000-E	1820000000-E	1838000000-E	1838500000-N	2143000000-E		
										LENGT H	WIDT H	SEALING EXISTING PAVEMENT CRACKS & JOINTS	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	BLOTTING SAND	
										MI	FT	LB	TONS	TONS	SY	SY	GAL	WK	TON	
2023CPT.08.08.20622	Montgomery	1	SR 1188 (HYDRO RD/NASH DR) WEST OF SR 1110	FROM SR 1110 (LILLYS BRIDGE RD) TO END MAINT	1	2		NO	NO	1.38	20		2	50	16,200.00		8,900			
TOTAL FOR MAP NO. 1										1.38			2	50	16,200.00		8,900			
2023CPT.08.08.20622	Montgomery	2	SR 1184 (LEGRAND RD)	FROM NC 109 TO DEAD END	2	2		NO	NO	0.27	20				3,250.00	3,250.00	1,800			
TOTAL FOR MAP NO. 2										0.27					3,250.00	3,250.00	1,800			
2023CPT.08.08.20622	Montgomery	3	SR1169 (LAKE FOREST DR)	FROM SR 1161 (BLAINE RD) TO END MAINT (CIRCLES AT END)	2	2		NO	NO	1.9	18		10	200	20,100.00	20,100.00	11,100			
TOTAL FOR MAP NO. 3										1.9			10	200	20,100.00	20,100.00	11,100			
2023CPT.08.08.20622	Montgomery	4	SR 1362 (STEED RD)	FROM SR 1374 (DAVIS RD) TO US 220 ALT	1	2		NO	NO	0.504	22		3	60	6,600.00		3,600			
TOTAL FOR MAP NO. 4										0.504			3	60	6,600.00		3,600			
2023CPT.08.08.20622	Montgomery	5	SR 1306 (FLINT HILL RD)	FROM BRIDGE #146 OVER POISON FORK TO SR 1307 (HORSESHOE BEND RD)	1	2		NO	NO	1.07	20		2	50	13,600.00		7,600	*	*	
TOTAL FOR MAP NO. 5										1.07			2	50	13,600.00		7,600			
2023CPT.08.08.20622	Montgomery	6	SR 1560 (SMALL RD)	FROM US 220 ALT TO DEAD END	1	2		NO	NO	1.27	20			10	15,000.00		8,100			
TOTAL FOR MAP NO. 6										1.27				10	15,000.00		8,100			
2023CPT.08.08.20622	Montgomery	7	SR 1227 (ZION CH RD)	FROM NC 73 TO SR 1130 (APPLE ORCHARD RD)	1	2		NO	NO	1.22	18		1	20	13,000.00		7,100			
TOTAL FOR MAP NO. 7										1.22			1	20	13,000.00		7,100			
2023CPT.08.08.20622	Montgomery	8	SR 1308 (CALLICUTT RD)	FROM RANDOLPH CO TO SR 1307 (HORSESHOE BEND RD)	1	2		NO	NO	0.49	20			10	6,000.00		3,200			
TOTAL FOR MAP NO. 8										0.49				10	6,000.00		3,200			
2023CPT.08.08.20622	Montgomery	9	SR 1318 (SHILOH CH RD/CONFED. DR)	FROM SR 1319 (CORBETT RD) TO END PVMT	1	2		NO	NO	0.37	20		1	20	4,600.00		2,500			
TOTAL FOR MAP NO. 9										0.37			1	20	4,600.00		2,500			
TOTAL FOR PROJ NO. 2023CPT.08.08.20622										8.474			19	420	98,350.00	23,350.00	53,900	5.00	10	
2023CPT.08.11.20772	Richmond	10	SR 1486 (BEAVER DAM CHURCH RD.)	FROM SR 1442(LED BETTER RD.) TO US HWY 1		2	2WU	NO	NO	5.12	22	18,440.00								
TOTAL FOR MAP NO. 10										5.12					18,440.00					
2023CPT.08.11.20772	Richmond	11	SR 1153 (COUNTY LINE RD.)	FROM SR 1001(EVERETT CHAPPELL RD.) TO END PAV'T		2	2WU	NO	NO	0.83	22	2,980.00								
TOTAL FOR MAP NO. 11										0.83					2,980.00					
2023CPT.08.11.20772	Richmond	12	SR 1105 (HAMER MILL RD.)	FROM SR 2001(LOCK HAVEN RD) TO SR 1971(SANDHILL RD.)	1	2	2WU	NO	NO	2.05	22				27,723.00		15,248			
TOTAL FOR MAP NO. 12										2.05					27,723.00		15,248			
2023CPT.08.11.20772	Richmond	13	SR 1306 (DOCKERY RD.)	FROM SR 1005(CARTLEDGE DREEK RD.) TO SR 1305(SANDY RIDGE CHURCH RD.)	1	2	2WU	NO	NO	1.33	22				18,268.00		10,047	*	*	
TOTAL FOR MAP NO. 13										1.33					18,268.00		10,047			
2023CPT.08.11.20772	Richmond	14	SR 1310 (BENNET RD.)	FROM NC HWY 73 TO SR 1319(SARON CHURCH RD.)	1	2	2WU	NO	NO	0.63	16				7,026.00		3,864			
TOTAL FOR MAP NO. 14										0.63					7,026.00		3,864			
2023CPT.08.11.20772	Richmond	15	SR 1003 (DERBY RD)	FROM SR 1466(SYCAMORE LN.) TO SR 1473(THUNDER ROAD RD.)	1	2	2WU	NO	NO	4.79	22				66,072.00		36,343			
TOTAL FOR MAP NO. 15										4.79					66,072.00		36,343			
TOTAL FOR PROJ NO. 2023CPT.08.11.20772										14.75			21,420.00		119,089.00		65,502	6.00	10	
GRAND TOTAL										23.224			21,420.00	19	420	217,439.00	23,350.00	119,402	11.00	20

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.08.08.20622, 2023CPT.08.11.20772	20	

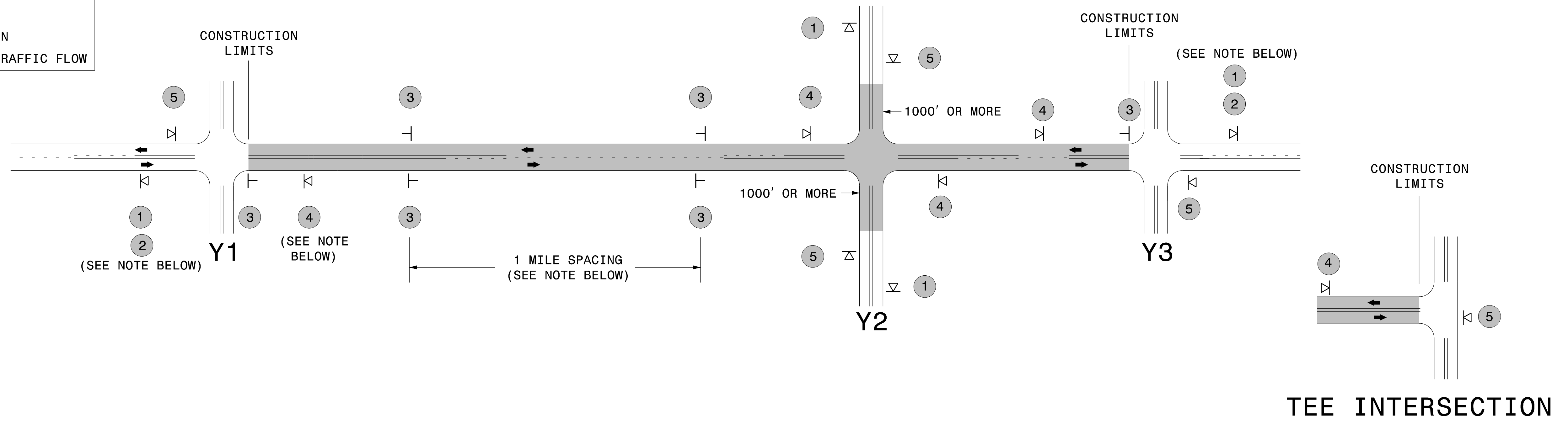
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANE S	LANE TYPE	4413000000-E		4457000000-N	4810000000-E		4830000000-E	4835000000-E	4840000000-N	
								WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL		4" WHITE PAINT	4" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT MSG RXR	
								MI	FT	SF	LS	LF	LF	LF	LF	EA
2023CPT.08.08.20622	Montgomery	1	SR 1188 (HYDRO RD/NASH DR) WEST OF SR 1110	FROM SR 1110 (LILLYS BRIDGE RD) TO END MAINT	1	2		1.38	20	160		29,698	29,698			
TOTAL FOR MAP NO. 1								1.38		160		29,698	29,698			
2023CPT.08.08.20622	Montgomery	2	SR 1184 (LEGRAND RD)	FROM NC 109 TO DEAD END	2	2		0.27	20	100						
TOTAL FOR MAP NO. 2								0.27		100						
2023CPT.08.08.20622	Montgomery	3	SR1169 (LAKE FOREST DR)	FROM SR 1161 (BLAINE RD) TO END MAINT (CIRCLES AT END)	2	2		1.9	18	230		40,888	40,888			
TOTAL FOR MAP NO. 3								1.9		230		40,888	40,888			
2023CPT.08.08.20622	Montgomery	4	SR 1362 (STEED RD)	FROM SR 1374 (DAVIS RD) TO US 220 ALT	1	2		0.504	22	100		10,846	10,846			
TOTAL FOR MAP NO. 4								0.504		100		10,846	10,846			
2023CPT.08.08.20622	Montgomery	5	SR 1306 (FLINT HILL RD)	FROM BRIDGE #146 OVER POISON FORK TO SR 1307 (HORSESHOE BEND RD)	1	2		1.07	20	130	*	23,026	23,026			
TOTAL FOR MAP NO. 5								1.07		130		23,026	23,026			
2023CPT.08.08.20622	Montgomery	6	SR 1560 (SMALL RD)	FROM US 220 ALT TO DEAD END	1	2		1.27	20	160		27,330	27,330	100	74	4
TOTAL FOR MAP NO. 6								1.27		160		27,330	27,330	100	74	4
2023CPT.08.08.20622	Montgomery	7	SR 1227 (ZION CH RD)	FROM NC 73 TO SR 1130 (APPLE ORCHARD RD)	1	2		1.22	18	150		26,254	16,104			
TOTAL FOR MAP NO. 7								1.22		150		26,254	16,104			
2023CPT.08.08.20622	Montgomery	8	SR 1308 (CALLICUTT RD)	FROM RANDOLPH CO TO SR 1307 (HORSESHOE BEND RD)	1	2		0.49	20	100		10,545	10,545			
TOTAL FOR MAP NO. 8								0.49		100		10,545	10,545			
2023CPT.08.08.20622	Montgomery	9	SR 1318 (SHILOH CH RD/CONFED. DR)	FROM SR 1319 (CORBETT RD) TO END PVMT	1	2		0.37	20	100		7,962	7,962			
TOTAL FOR MAP NO. 9								0.37		100		7,962	7,962			
TOTAL FOR PROJ NO. 2023CPT.08.08.20622								8.474		1,230	1.0000	176,549	166,399	100	74	4
											342,948					
2023CPT.08.11.20772	Richmond	10	SR 1486 (BEAVER DAM CHURCH RD.)	FROM SR 1442(LED BETTER RD.) TO US HWY 1		2	2WU	5.12	22							
TOTAL FOR MAP NO. 10								5.12								
2023CPT.08.11.20772	Richmond	11	SR 1153 (COUNTY LINE RD.)	FROM SR 1001(EVERETT CHAPPELL RD.) TO END PAV'T		2	2WU	0.83	22							
TOTAL FOR MAP NO. 11								0.83								
2023CPT.08.11.20772	Richmond	12	SR 1105 (HAMER MILL RD.)	FROM SR 2001(LOCK HAVEN RD) TO SR 1971(SANDHILL RD.)	1	2	2WU	2.05	22	230		21,660	23,720			
TOTAL FOR MAP NO. 12								2.05		230		21,660	23,720			
2023CPT.08.11.20772	Richmond	13	SR 1306 (DOCKERY RD.)	FROM SR 1005(CARTLEDGE DREEK RD.) TO SR 1305(SANDY RIDGE CHURCH RD.)	1	2	2WU	1.33	22	149	*	27,858	27,500			
TOTAL FOR MAP NO. 13								1.33		149		27,858	27,500			
2023CPT.08.11.20772	Richmond	14	SR 1310 (BENNET RD.)	FROM NC HWY 73 TO SR 1319(SARON CHURCH RD.)	1	2	2WU	0.63	16	71		13,500	13,260			
TOTAL FOR MAP NO. 14								0.63		71		13,500	13,260			
2023CPT.08.11.20772	Richmond	15	SR 1003 (DERBY RD)	FROM SR 1466(SYCAMORE LN.) TO SR 1473(THUNDER ROAD RD.)	1	2	2WU	4.79	22	536		102,002	46,302			
TOTAL FOR MAP NO. 15								4.79		536		102,002	46,302			
TOTAL FOR PROJ NO. 2023CPT.08.11.20772								14.75		986	1.0000	165,020	110,782			
											275,802					
GRAND TOTAL								23.224		2,216	1.0000	341,569	277,181	100	74	4
											618,750					

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- ◻ PORTABLE SIGN
- └ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW



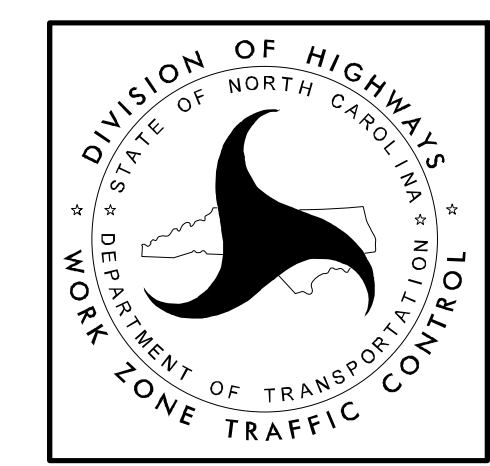
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<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> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <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 style="text-align: center;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	 	<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>- 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>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

5/12/2017 S:\TUXWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln - AST.dgn User:kadais