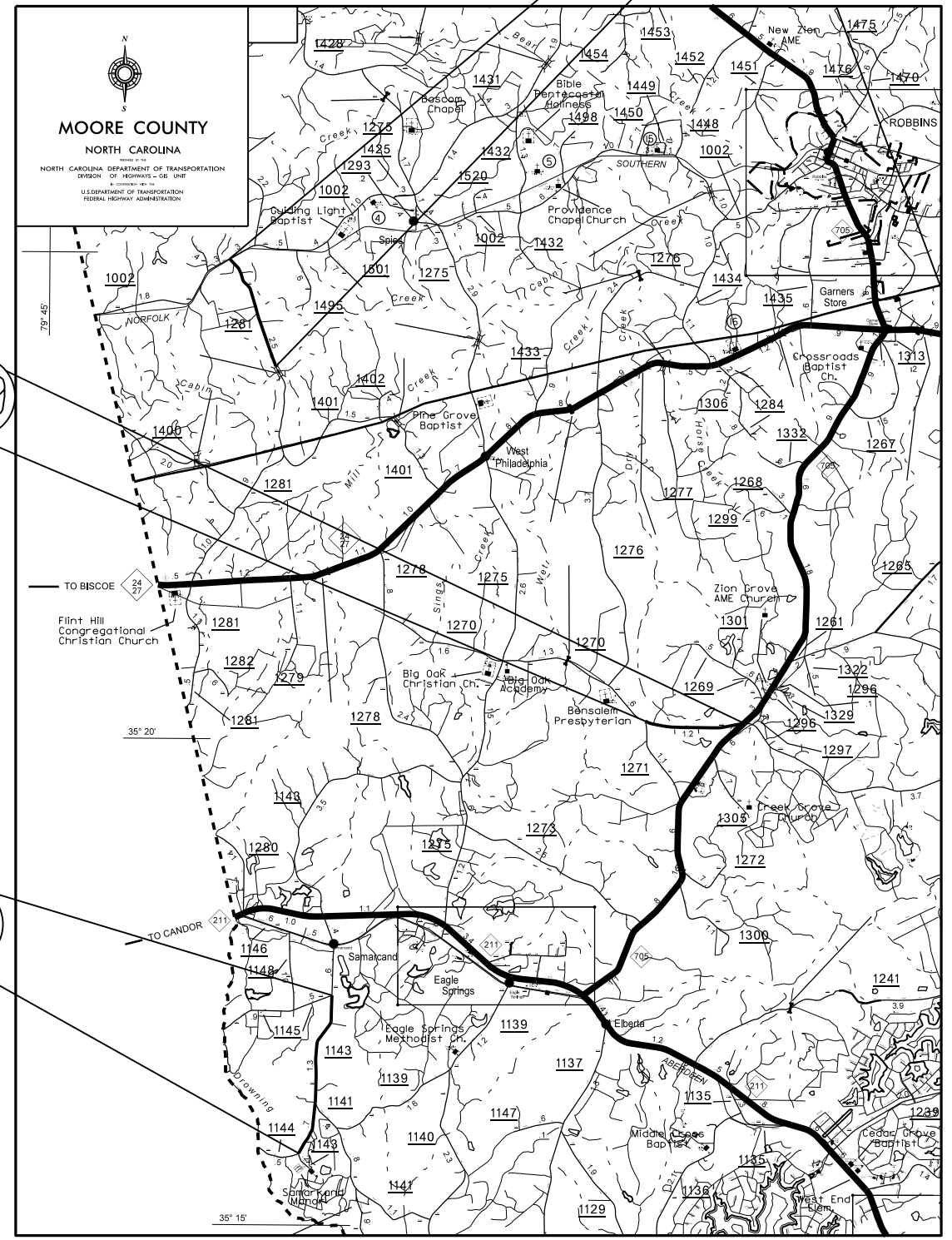
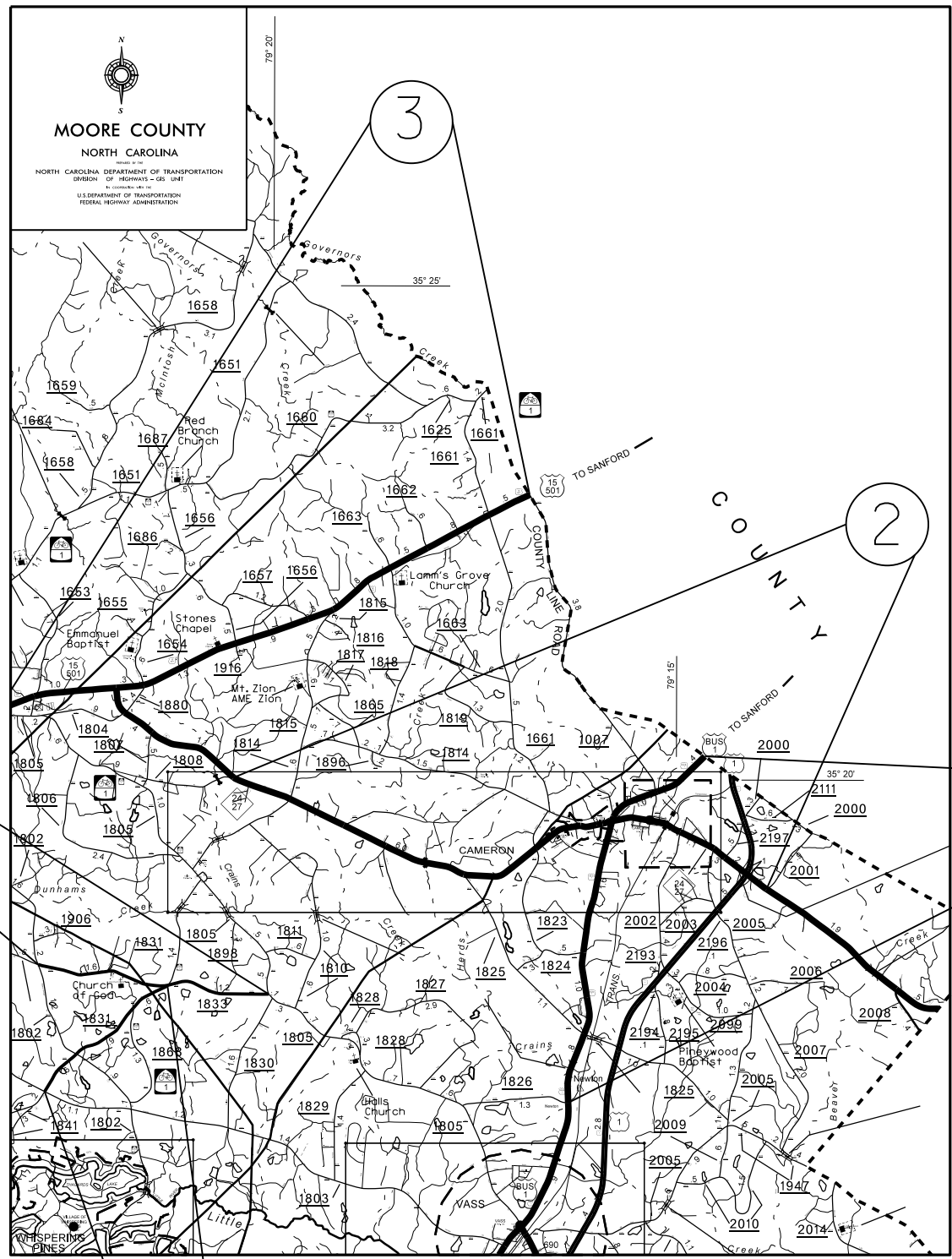


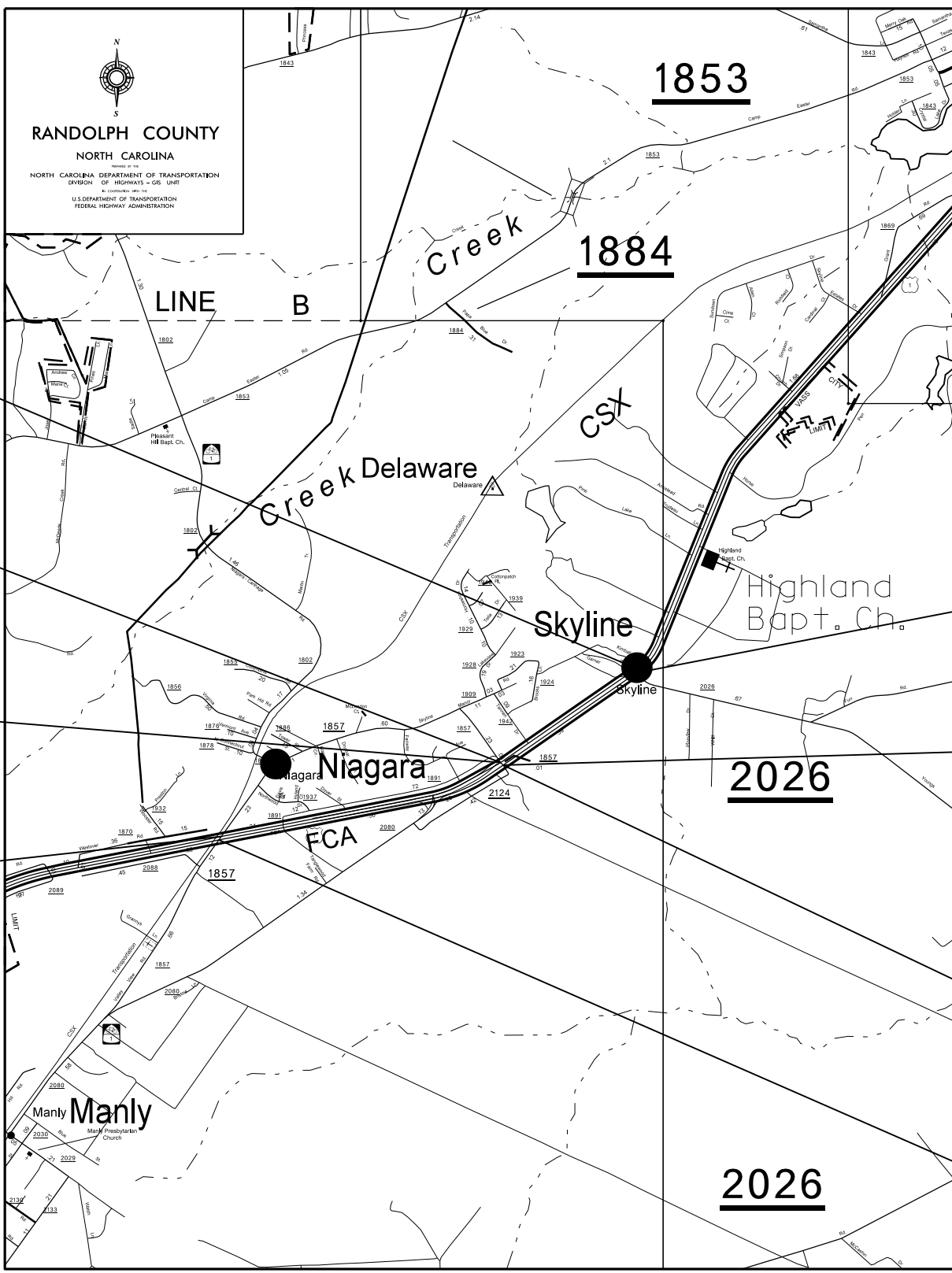


MOORE COUNTY

SYSTEMS
 CONSULTING
 CORPORATION
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 WILSON
 ROAD
 RALEIGH,
 NC 27615
 919-876-7000
 WWW.SCS-CORP.COM



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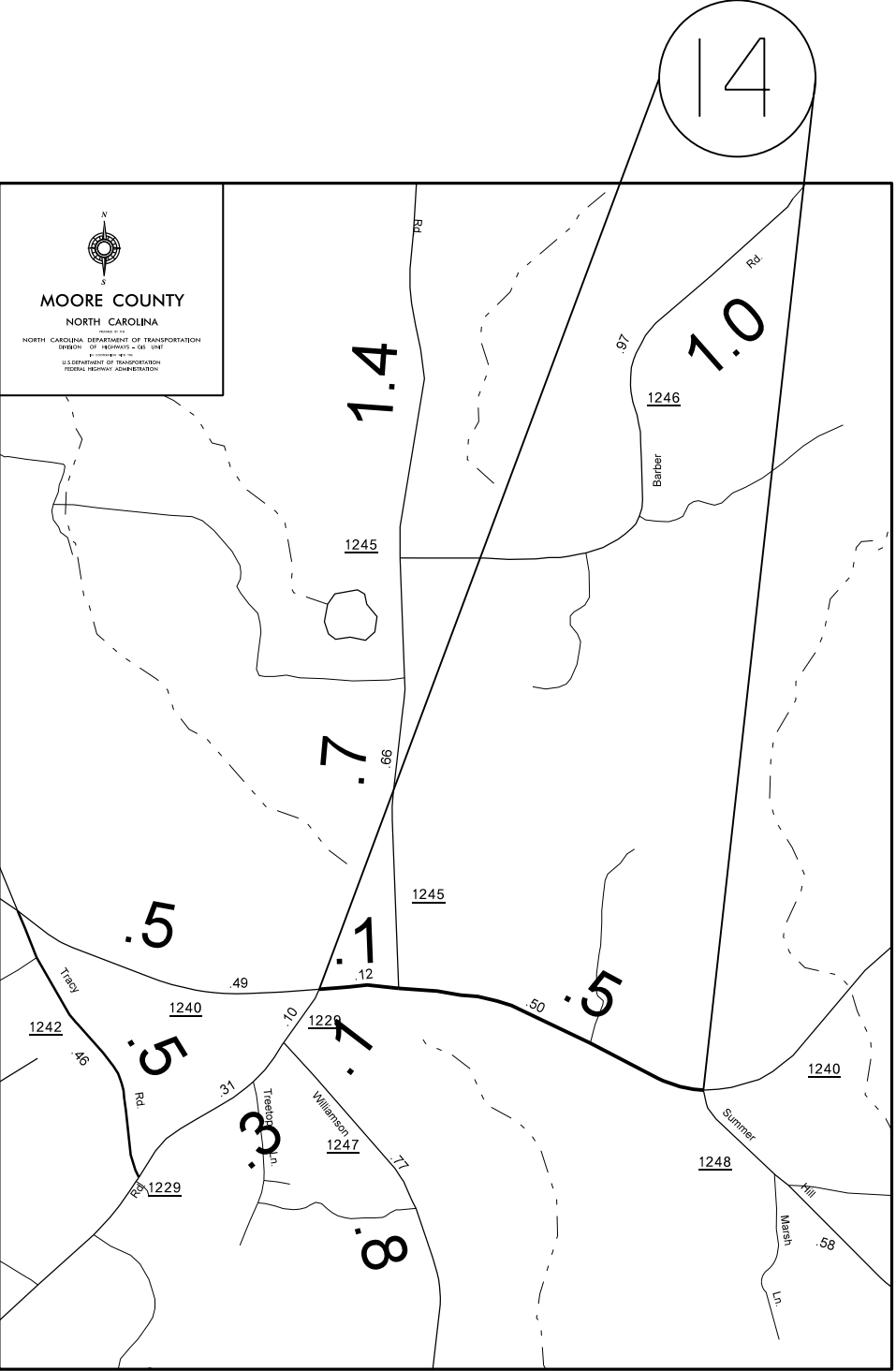
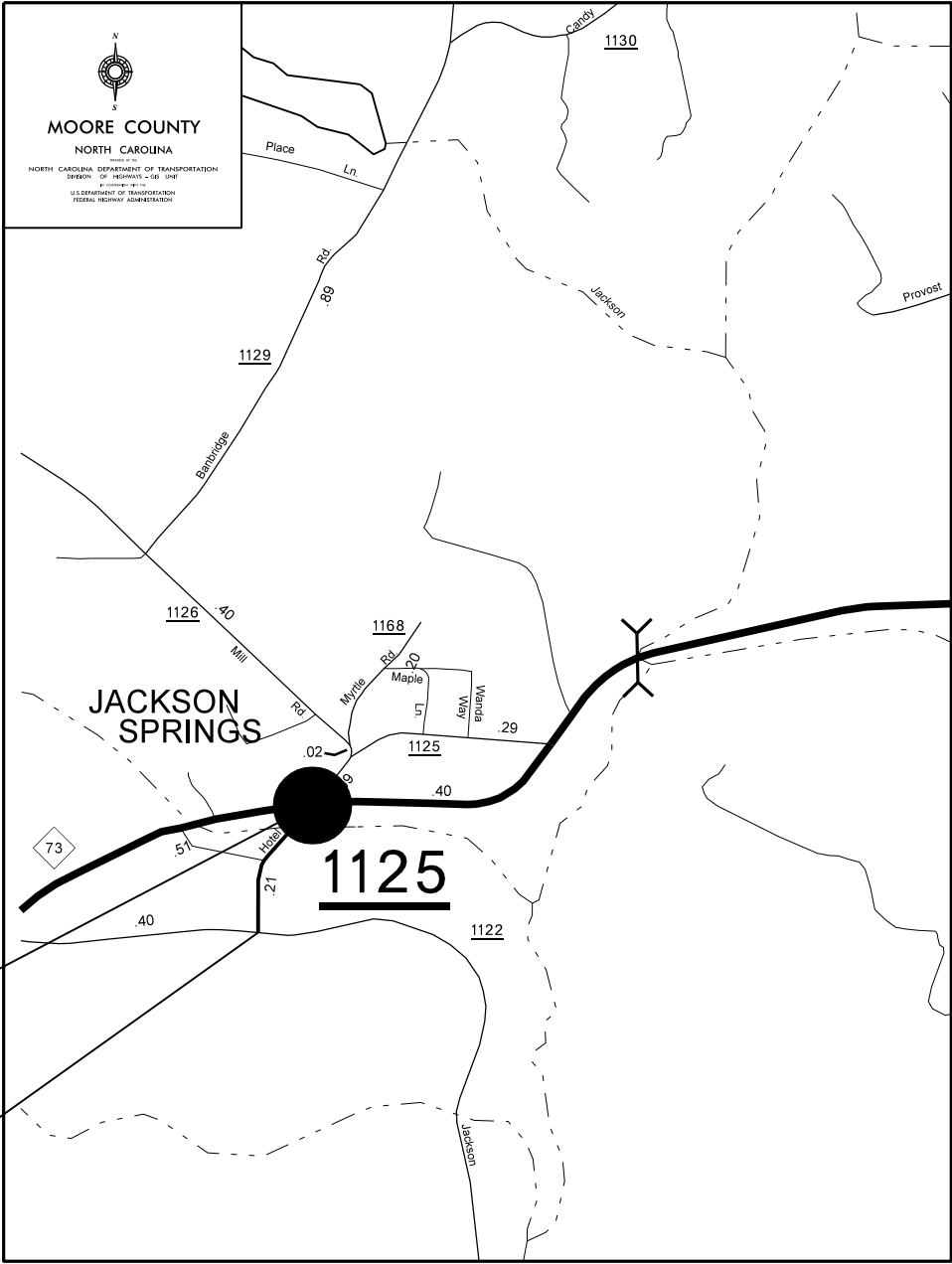


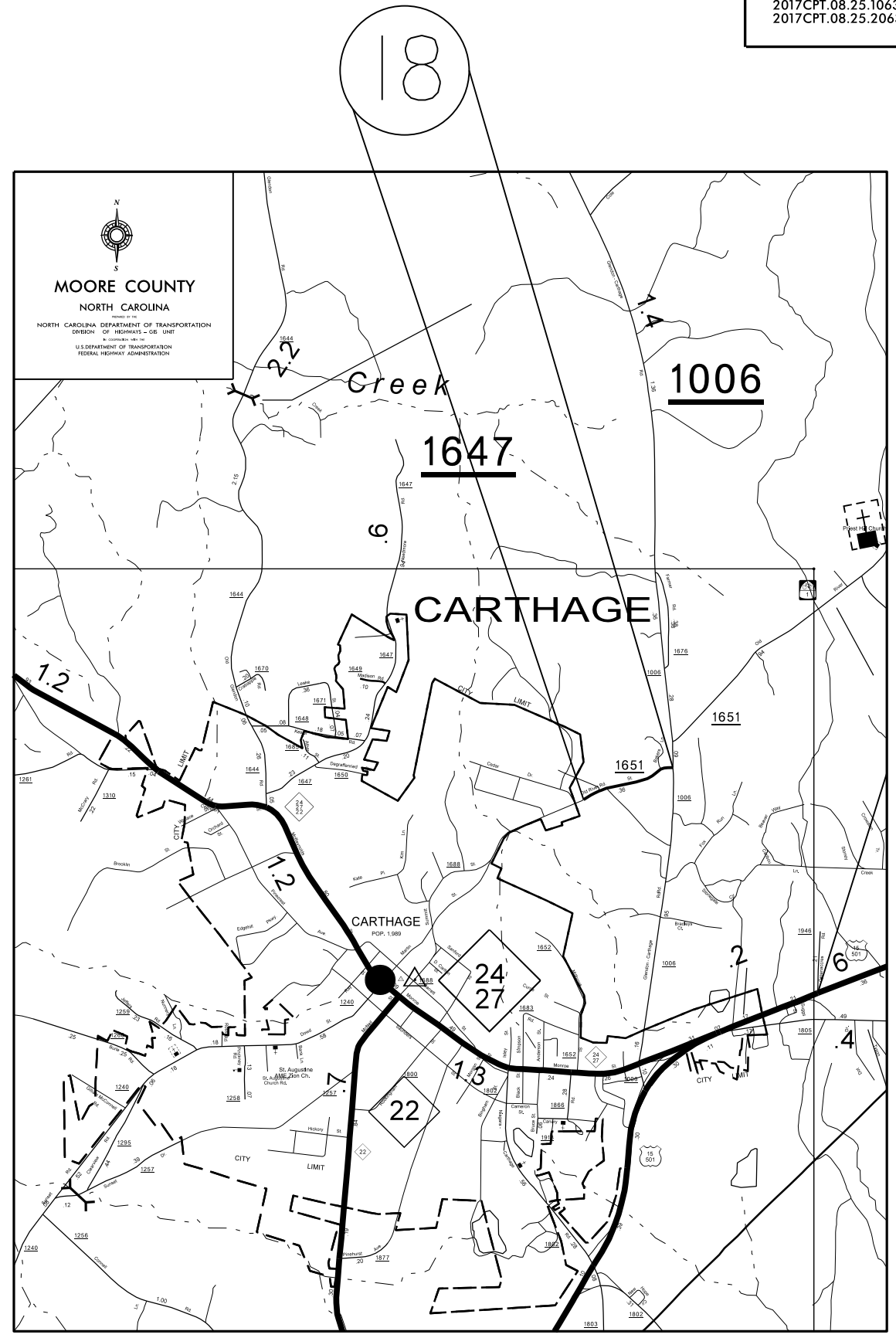
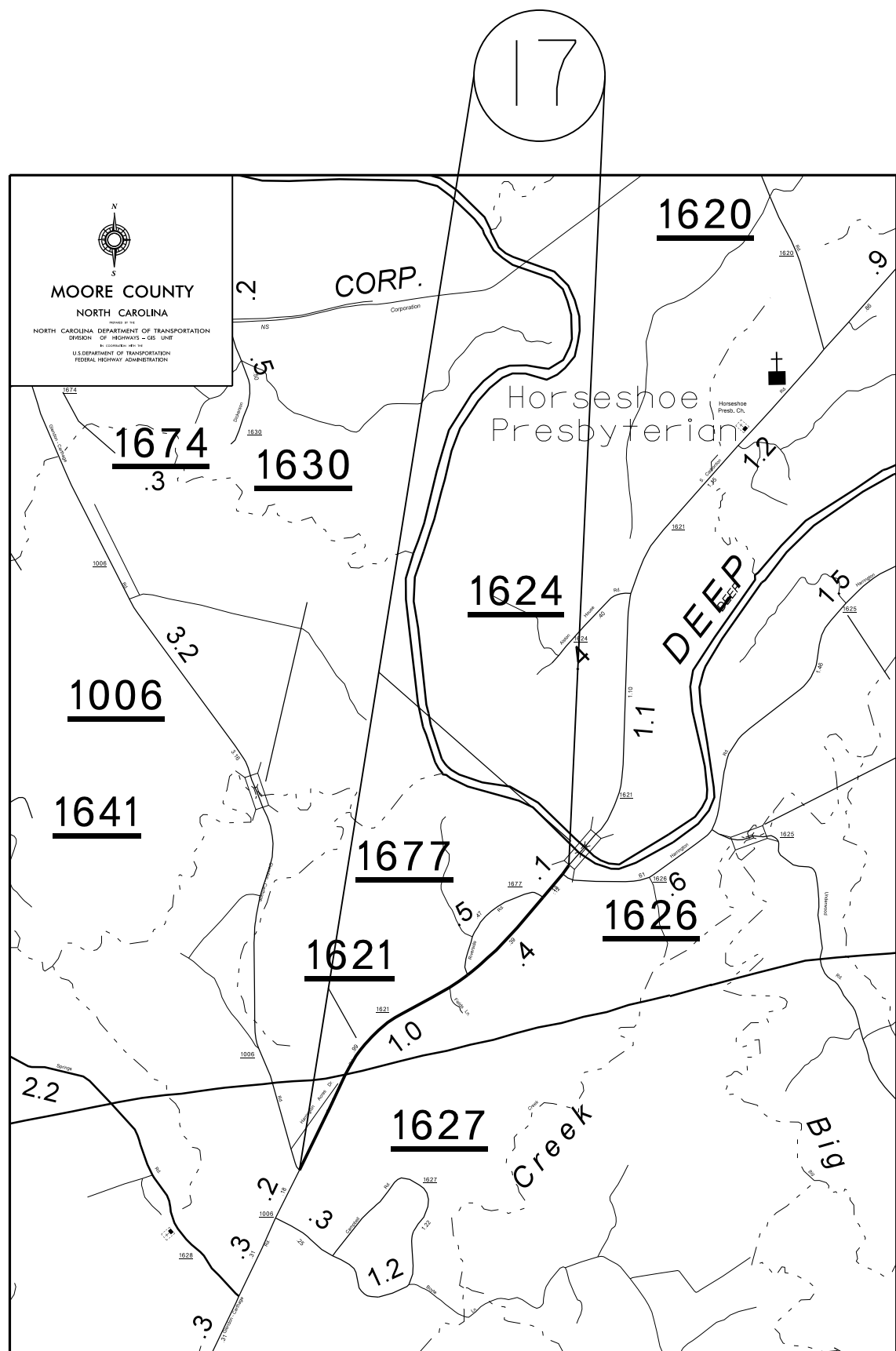
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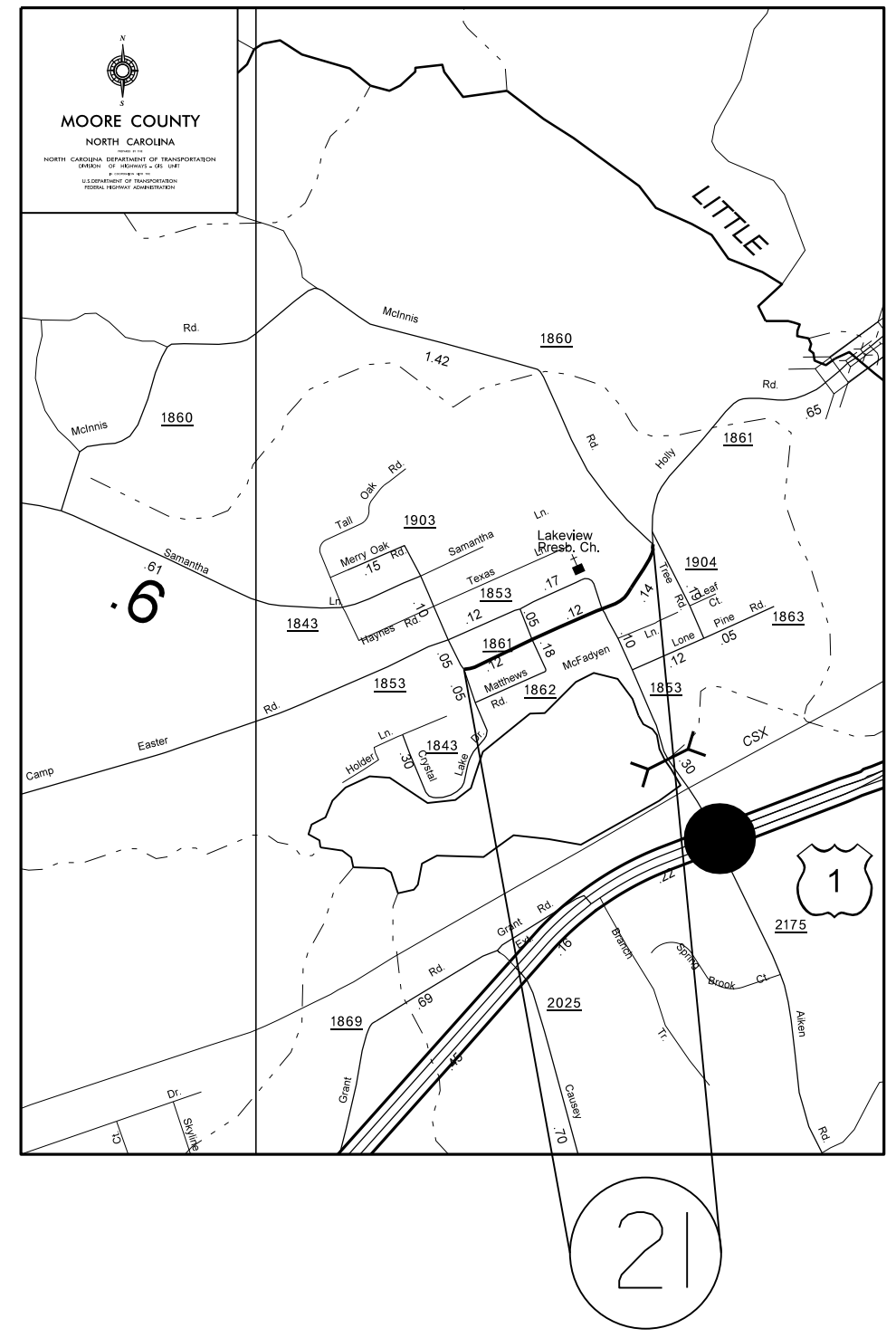
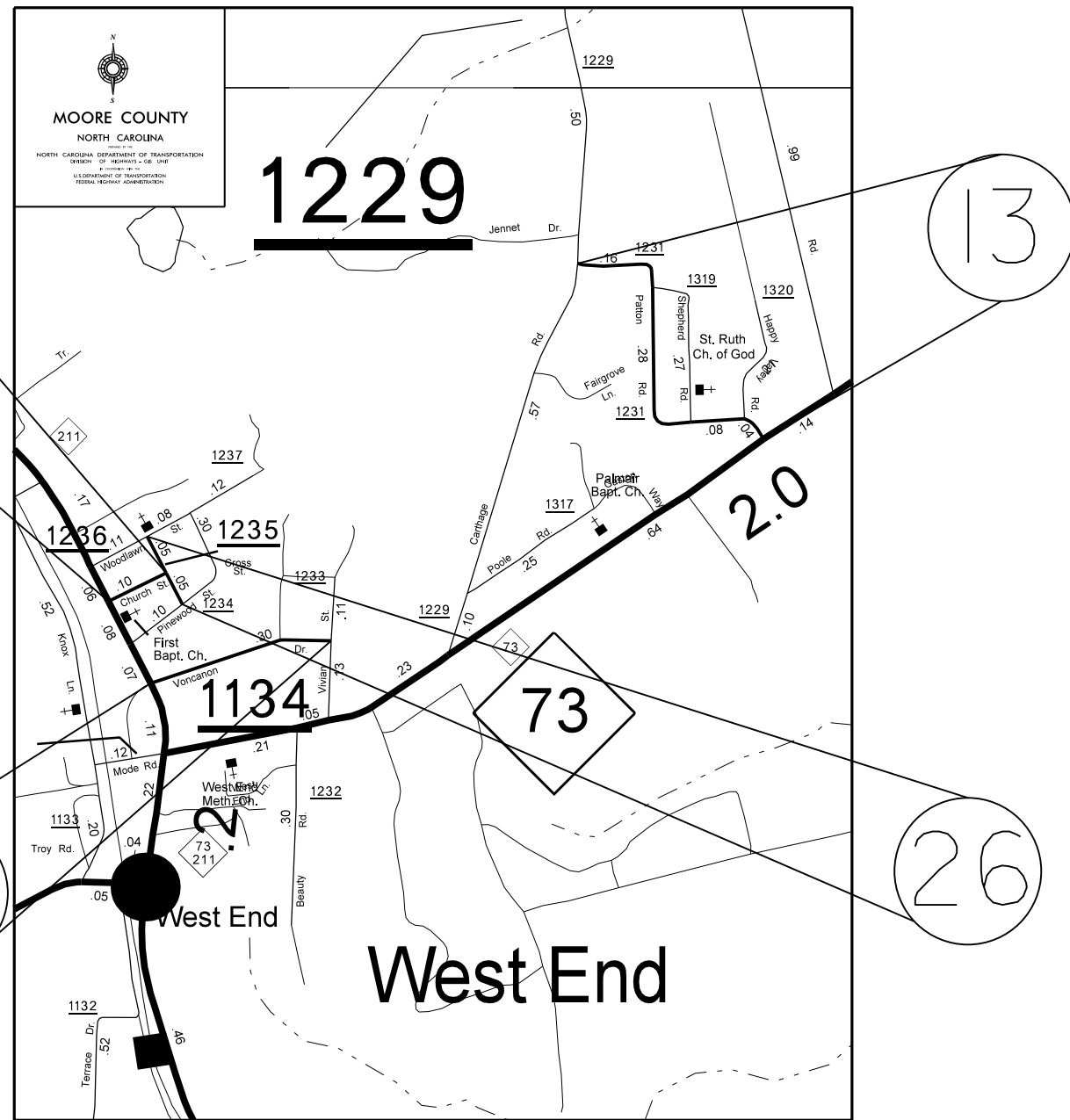
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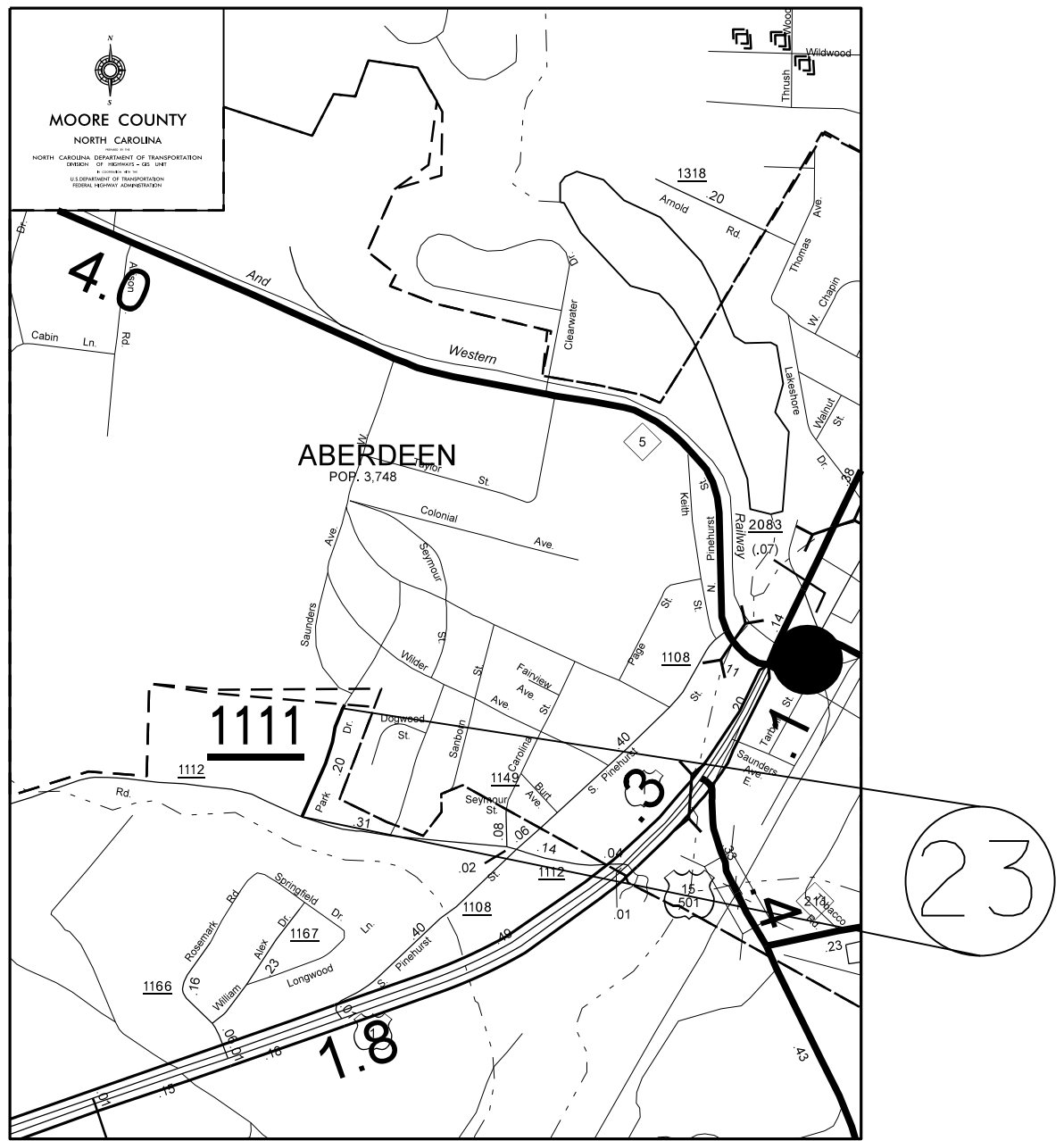
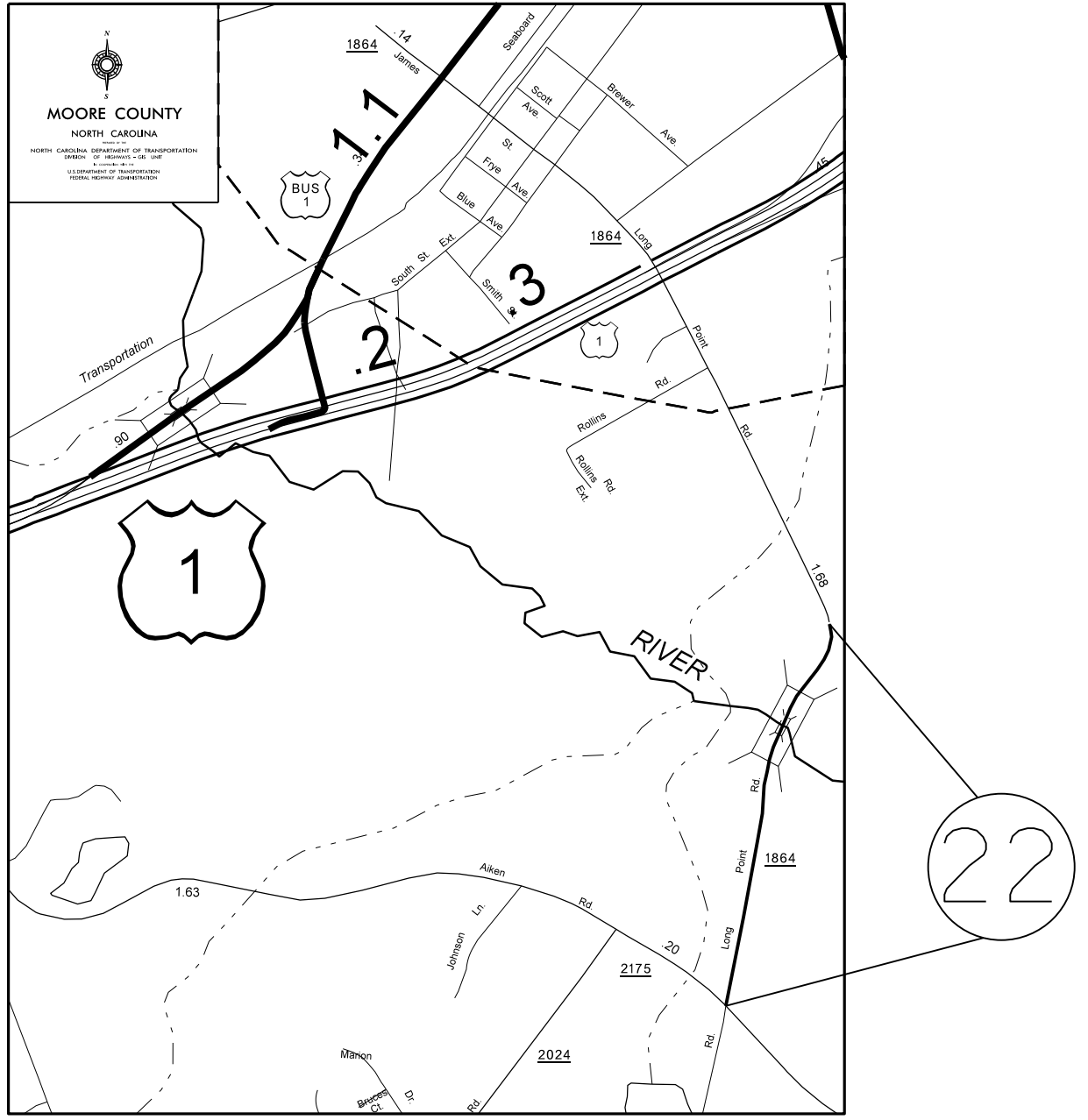
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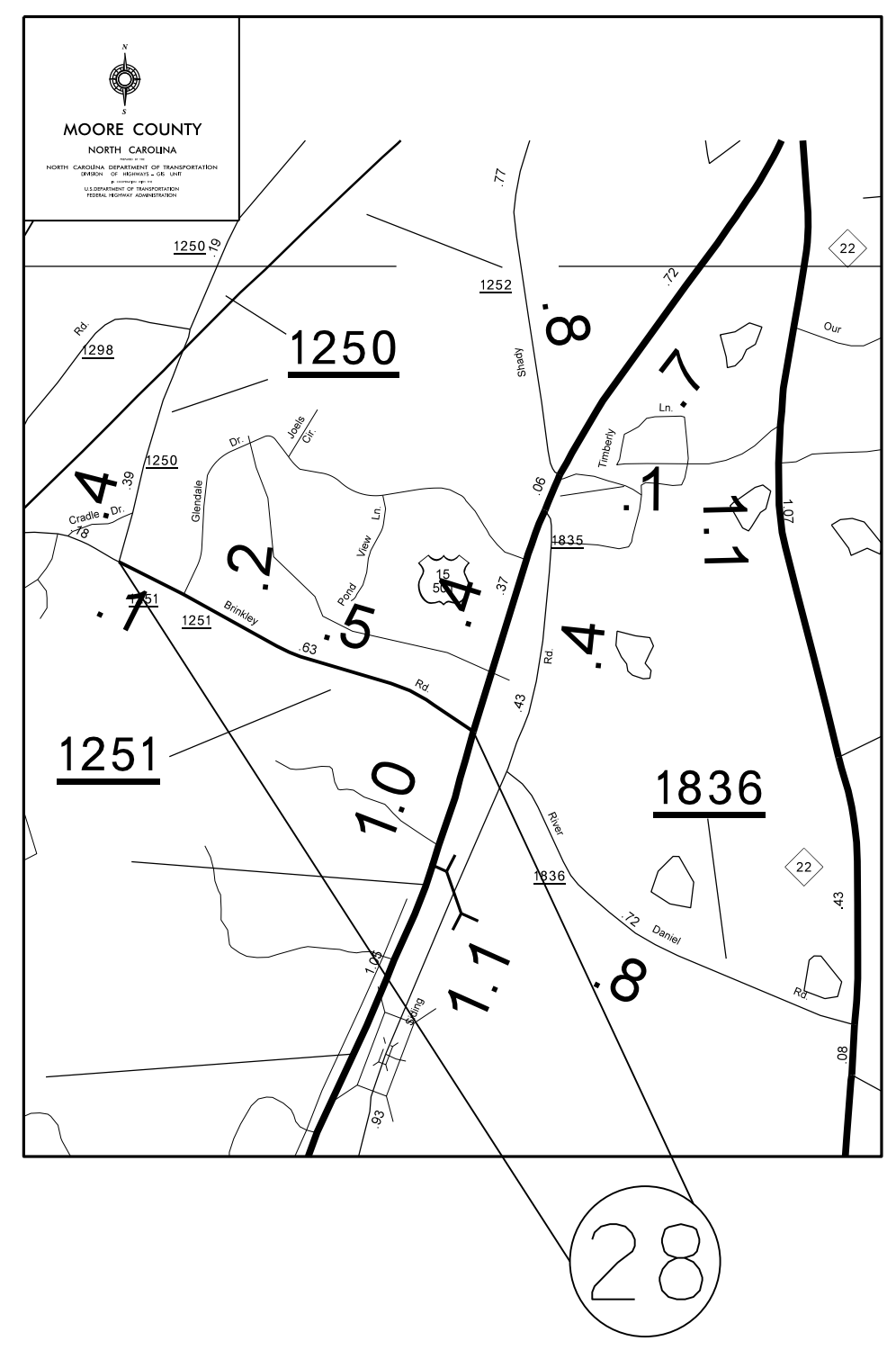
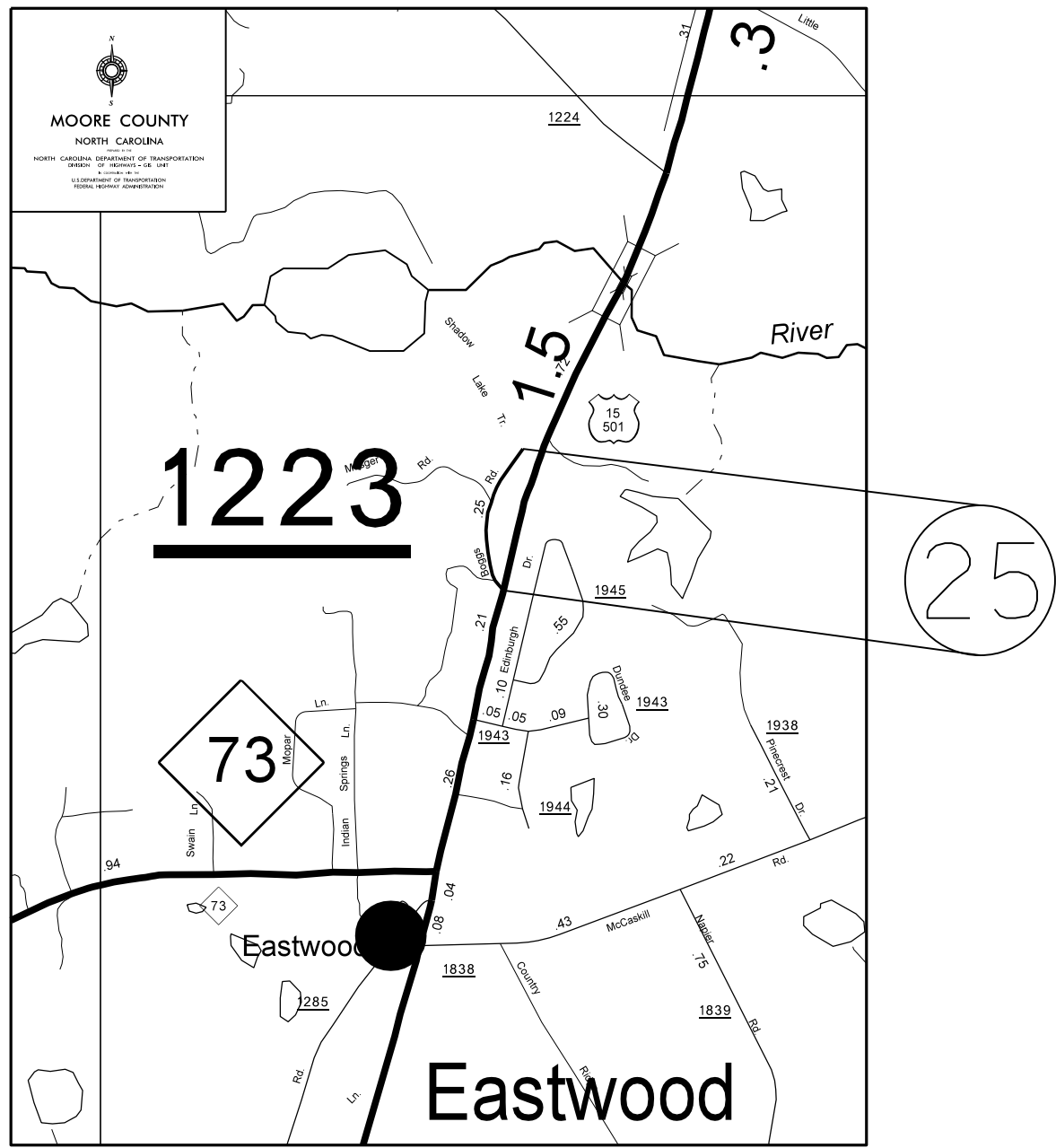




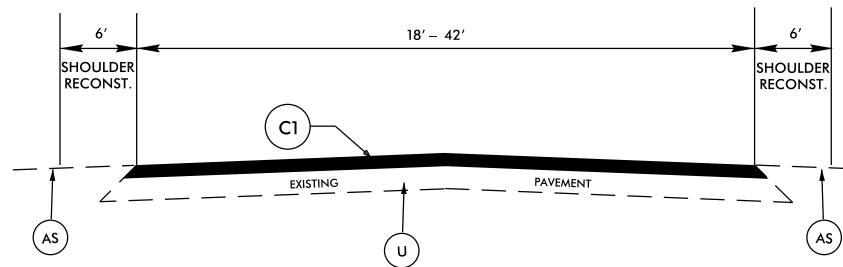
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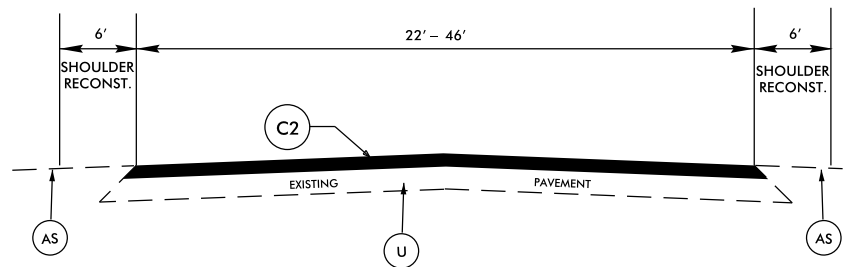




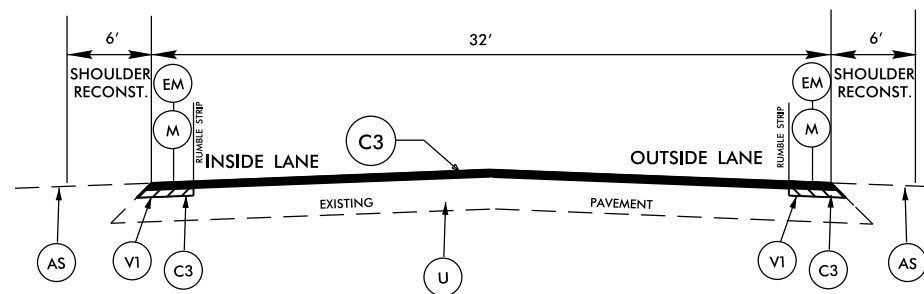
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REGULATORY ADMINISTRATION



TYPICAL SECTION NO. 1

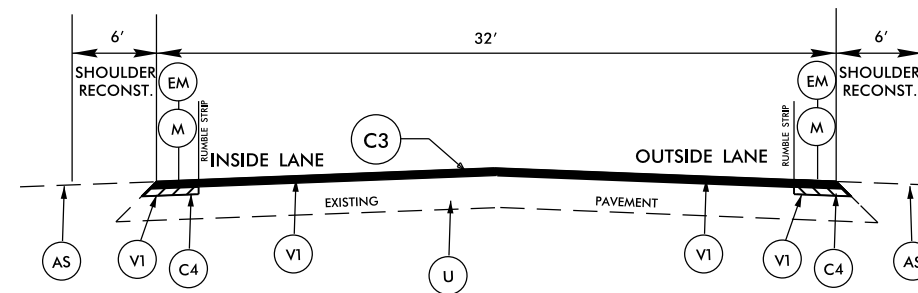


TYPICAL SECTION NO. 2



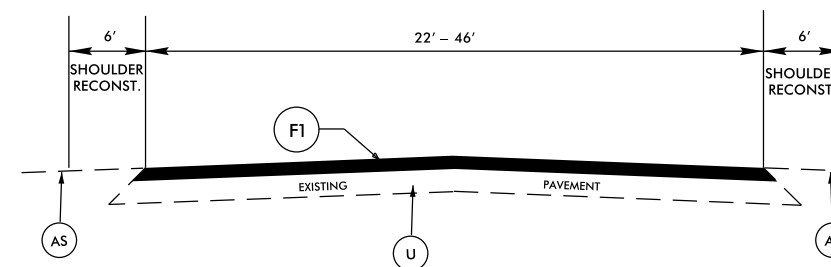
TYPICAL SECTION NO. 3

NOTE: MILL RUMBLE STRIP 1.5" AND REPLACE WITH 1.5" OF S9.5C, THEN OVERLAY



TYPICAL SECTION NO. 4

NOTE: MILL RUMBLE STRIP 1.5" AND REPLACE WITH 1.5" OF S9.5C
MILL 1.5" FULL WIDTH AND REPLACE WITH 2.0" OF S9.5C



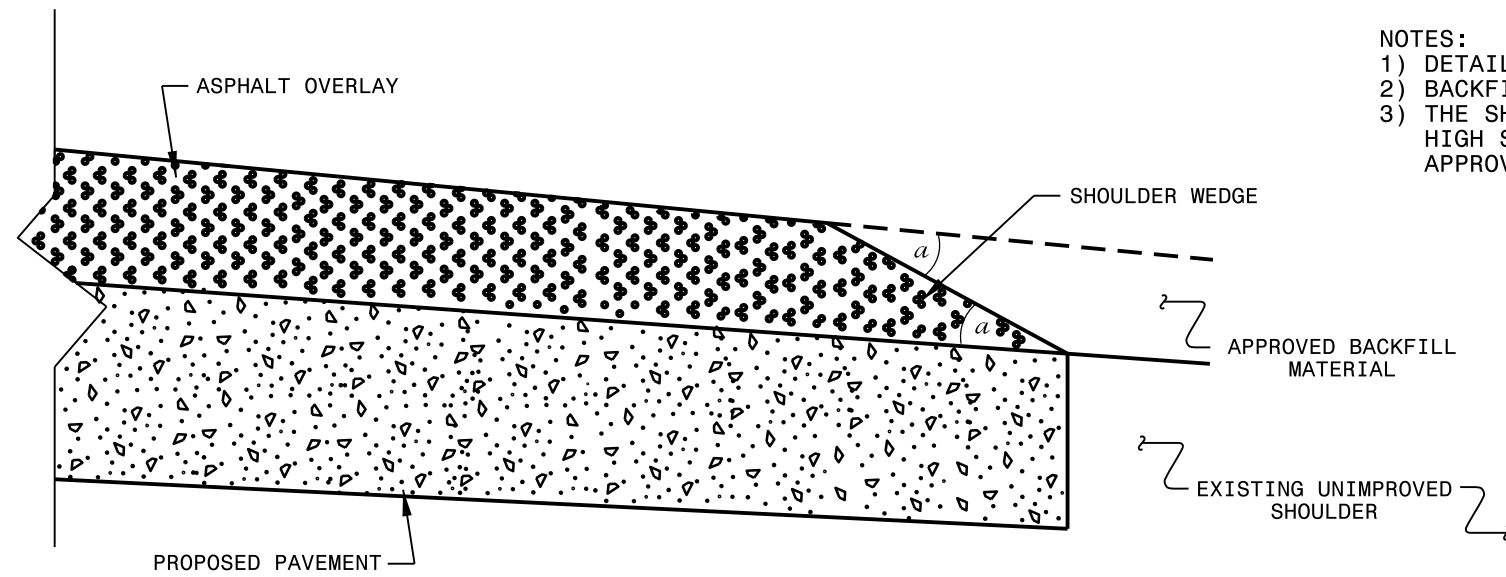
TYPICAL SECTION NO. 5

PAVEMENT SCHEDULE

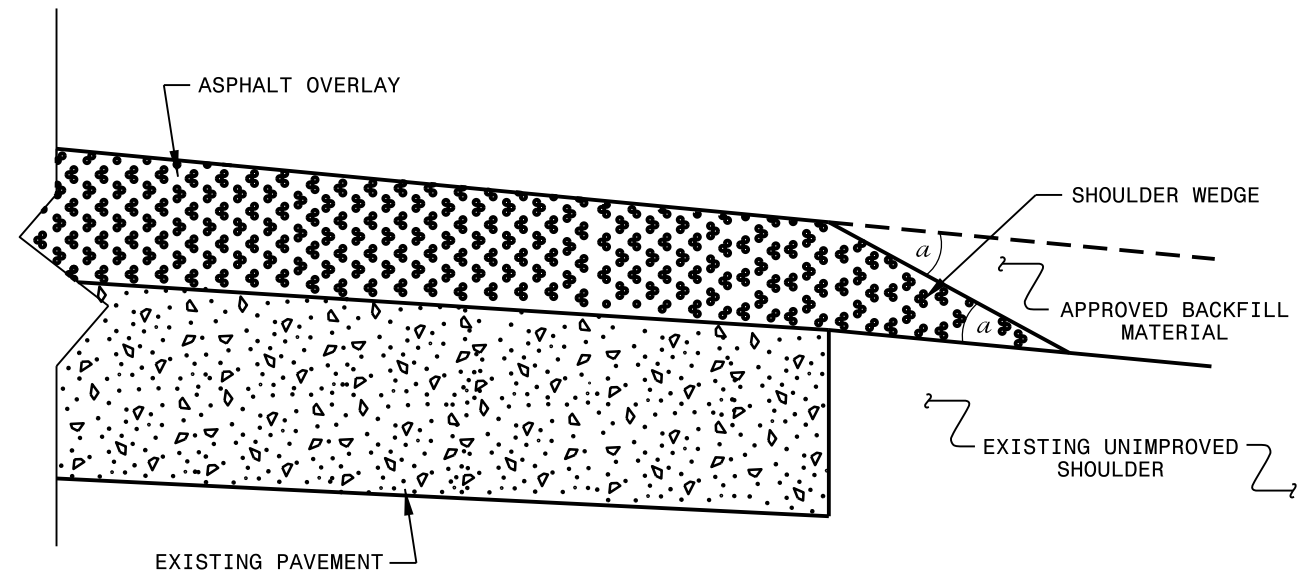
C1	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
F1	LATEX MODIFIED MICROSURFACING TYPE II
EM	EXISTING RUMBLE STRIP
M	PROPOSED RUMBLE STRIP (RWY STD. 665.01)
AS	AGGREGATE SHOULDER BORROW (ASB)
U	EXISTING PAVEMENT
V1	1.5" MILLING
V2	0" TO 1.5" MILLING

NOTES:

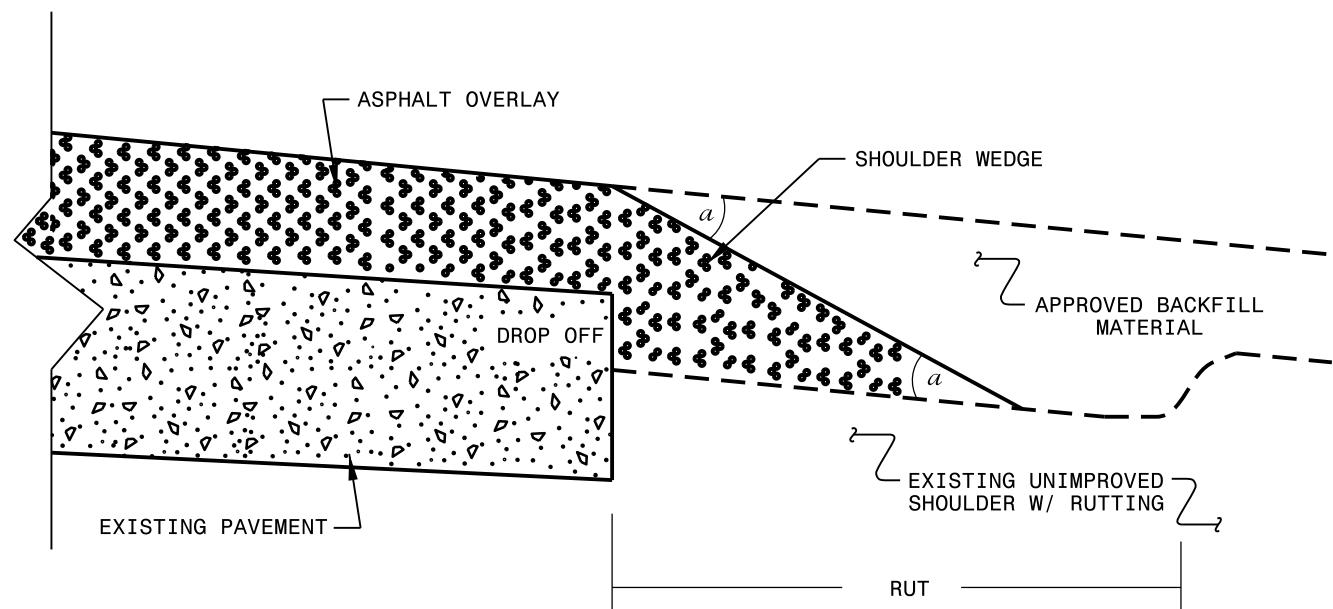
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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.: susr/details/stand/shoulderwedgedetail.dgn			

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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PROJECT NO. 2017CPT.08.25.10631 2017CPT.08.25.20631	SHEET NO. 13	TOTAL NO.
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SUMMARY OF QUANTITIES

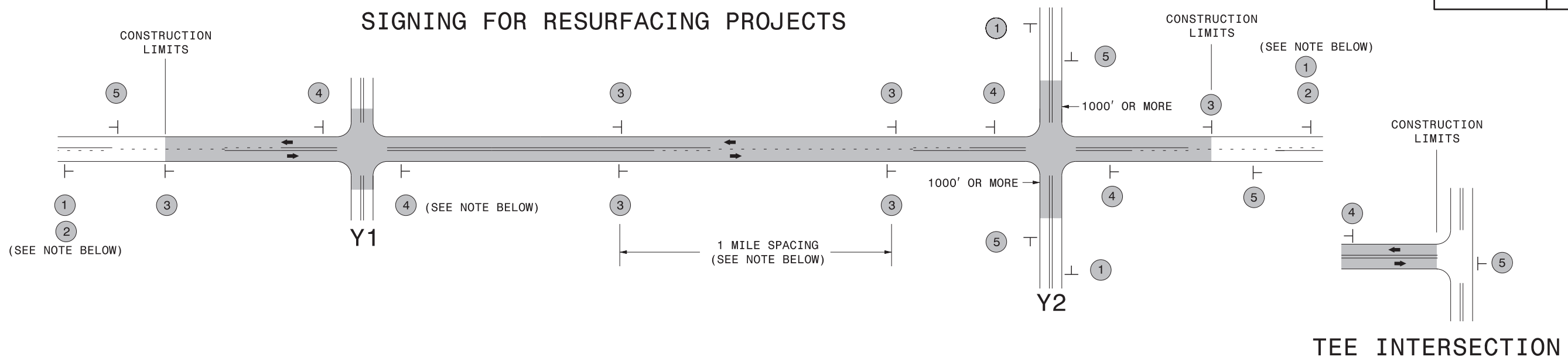
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	AGGREGATE SHOULD BORROW TON	SHOULDER RECONSTRUCTION SMI	1.5" MILLING SY	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	SURFACE COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MILLED RUMBLE STRIPS LF	JOINT REPAIR TON	LATEX MODIFIED MICROSURFACING, TYPE II SY	GUARDRAIL ANCHOR UNIT, TYPE 350 EA	GUARDRAIL ANCHOR UNITS, TYPE M-350 EA	REMOVE & RESET EXISTING GUARDRAIL LF	
2017CPT.08.25.10631	Moore	1	US 1 BUS	FROM SR 1826 (THURLOW LAKE RD) TO LEE CO LINE	1	2	2WU	NO	NO	4.745	26	1,316.00	9.49	750	1,870	1,000			6,970	467	25							
TOTAL FOR MAP NO. 1										4.745		1,316.00	9.49	750	1,870	1,000			6,970	467	25							
2017CPT.08.25.10631	Moore	2	NC 24/27	FROM SR 1808 (SCOTT RD) TO SR 2001 (BASS RD)	5	2	2WU	NO	NO	6.919	32	1,920.00	13.84			1,400					35							143,075
TOTAL FOR MAP NO. 2										6.919		1,920.00	13.84			1,400					35							143,075
2017CPT.08.25.10631	Moore	3	US 15-501	FROM CURB AND GUTTER IN CARTHAGE TO LEE CO LINE	2	2	2WU	NO	NO	6.735	32	1,870.00	13.47			1,285	13,190			791	845		490					
TOTAL FOR MAP NO. 3										6.735		1,870.00	13.47			1,285	13,190			791	845		490					
2017CPT.08.25.10631	Moore	4	US 1 NB	FROM C. J. @ BRIDGE # 56 TO SR 2124 (EQUESTRIAN RD)	3	2	2WD	NO	NO	1.084	32	200.00	2.17	2,545		500		2,885		170	5	11,452						1.00
TOTAL FOR MAP NO. 4										1.084		200.00	2.17	2,545		500		2,885		170	5	11,452						1.00
2017CPT.08.25.10631	Moore	5	US 1 SB	FROM SR 1857 (VALLEY VIEW RD) TO C. J. @ BRIDGE # 57	3	2	2WD	NO	NO	1.039	32	193.00	2.08	2,440		625		2,765		163		10,970			1.00	1.00		350.00
TOTAL FOR MAP NO. 5										1.039		193.00	2.08	2,440		625		2,765		163		10,970			1.00	1.00		350.00
2017CPT.08.25.10631	Moore	6	US 1 NB	FROM SR 2124 (EQUESTRIAN RD) TO SR 2026 (YOUNGS RD)	4	2	2WD	NO	NO	0.587	32	109.00	1.17	11,020		625		1,695		100		6,199						
TOTAL FOR MAP NO. 6										0.587		109.00	1.17	11,020		625		1,695		100		6,199						
2017CPT.08.25.10631	Moore	7	US 1 SB	FROM 2026 (YOUNGS RD) TO SR 1857 (VALLEY VIEW RD)	4	2	2WD	NO	NO	0.586	32	109.00	1.17	10,995		625		1,765		104		6,188						
TOTAL FOR MAP NO. 7										0.586		109.00	1.17	10,995		625		1,765		104		6,188						
TOTAL FOR PROJ NO. 2017CPT.08.25.10631										21.695		5,717.00	43.39	27,750	1,870	6,060	13,190	9,110	6,970	1,795	910	34,809	490		143,075	1.00	2.00	350.00
2017CPT.08.25.20631	Moore	8	SR 1217 (HARDEE BRANCH RD)	FROM SR 1209 (MURDOCKSVILLE RD) TO SR 1210 (BEULAH HILL CH RD)	1	2	2WU	NO	NO	0.925	22	257.00	1.85			125			1,100	74	280							
TOTAL FOR MAP NO. 8										0.925		257.00	1.85			125			1,100	74	280							
2017CPT.08.25.20631	Moore	9	SR 1125 (HOTEL ST)	FROM SR 1122 (JACKSON SPRINGS RD) TO NC 73	1	2	2WU	NO	NO	0.193	18	57.00	0.39			100			190	13	225							
TOTAL FOR MAP NO. 9										0.193		57.00	0.39			100			190	13	225							
2017CPT.08.25.20631	Moore	10	SR 1143 (SAMARCAND RD)	FROM SR 1145 (CANDOR RD) TO SR 1144 (WEST SAMARCAND RD)	1	2	2WU	NO	NO	1.969	19	550.00	3.94			215			1,985	133	365							
TOTAL FOR MAP NO. 10										1.969		550.00	3.94			215			1,985	133	365							
2017CPT.08.25.20631	Moore	11	SR 1210 (BEULAH HILL CH RD)	FROM NC 73 TO M. P. 5.10	2	2	2WU	NO	NO	1.17	22	335.00	2.34			125	1,340			80	6							
TOTAL FOR MAP NO. 11										1.17		335.00	2.34			125	1,340			80	6							
2017CPT.08.25.20631	Moore	12	SR 1214 (RICHMOND ST)	FROM SR 1216 (JUNIPER LAKE RD) TO END OF MAINT	1	2	2WU	NO	NO	0.087	20	30.00	0.18			250			110	7	1							
TOTAL FOR MAP NO. 12										0.087		30.00	0.18			250			110	7	1							
2017CPT.08.25.20631	Moore	13	SR 1231 (PATTON RD)	FROM SR 1229 (CARTHAGE RD) TO NC 73	1	2	2WU	NO	NO	0.539	21	152.00	1.08			295			680	46	125							
TOTAL FOR MAP NO. 13										0.539		152.00	1.08			295			680	46	125							
2017CPT.08.25.20631	Moore	14	SR 1240 (DOWD RD)	FROM SR 1248 (SUMMER HILL CH RD) TO SR 1229 (CARTHAGE ROAD)	1	2	2WU	NO	NO	0.6	20	175.00	1.20			225			685	46	3							
TOTAL FOR MAP NO. 14										0.6		175.00	1.20			225			685	46	3							
2017CPT.08.25.20631	Moore	15	SR 1281 (TARRY CH RD)	FROM SR 1002 (SPIES RD) TO BRIDGE NO 95 AT CABIN CREEK	1	2	2WU	NO	NO	1.451	22	410.00	2.90			125			1,635	110	700							
TOTAL FOR MAP NO. 15										1.451		410.00	2.90			125			1,635	110	700							
2017CPT.08.25.20631	Moore	16	SR 1490 (FLINT HILL CH RD)	FROM SR 1477 (PLANK RD) TO NC 24/27	1	2	2WU	NO	NO	1.776	20	501.00	3.55			225			1,885	126	10							
TOTAL FOR MAP NO. 16										1.776		501.00	3.55			225			1,885	126	10							
2017CPT.08.25.20631	Moore	17	SR 1621 (S CARBANTON RD)	FROM C J AT SR 1006 (GLEDON CARTHAGE RD) TO BRIDGE # 49	1	2	2WU	NO	NO	1.533	22	430.00	3.07			220			1,835	123	880							
TOTAL FOR MAP NO. 17										1.533		430.00	3.07			220			1,835	123	880							
2017CPT.08.25.20631	Moore	18	SR 1651 (OLD RIVER RD)	FROM NCL OF CARTHAGE TO CONST JT AT SR 1006 (GLEDON CARTHAGE RD)	1	2	2WU	NO	NO	0.254	20	76.00	0.51			170			270	18	370							
TOTAL FOR MAP NO. 18										0.254		76.00	0.51			170			270	18	370							
2017CPT.08.25.20631	Moore	19	SR 1831 (FARM LIFE SCHL RD)	FROM SR 1833 (JOEL RD) TO SR 1803 (VASS-CARTHAGE RD)	1	2	2WU	NO	NO	1.961	22	550.00	3.92			370			2,400	161	470							
TOTAL FOR MAP NO. 19										1.961		550.00	3.92			370			2,400	161	470							
2017CPT.08.25.20631	Moore	20	SR 1833 (JOEL RD)	FROM SR 1802 (NIAGARA-CARTHAGE ROAD) TO SR 1805 (UNION CHURCH RD)	1	2	2WU	NO	NO	2.743	22	770.00	5.49			245			3,280	220	565							
TOTAL FOR MAP NO. 20										2.743		770.00	5.49			245			3,280	220	565							
2017CPT.08.25.20631	Moore	21	SR 1861 (HOLLY RD)	FROM SR 1860 (MCINNIS RD) TO SR 1843 (AIRPORT ROAD)	1	2	2WU	NO	NO	0.401	20		0.80			445			615	41	135							
TOTAL FOR MAP NO. 21										0.401			0.80			445			615	41	135							
2017CPT.08.25.20631	Moore	22	SR 1864 (LONG PT RD)	FROM SR 2175 (AIKEN ROAD) TO PAVEMENT CHANGE	2	2	2WU	NO	NO	1.133	20	322.00	2.27	225	450	525	1,255			75	1,255							
TOTAL FOR MAP NO. 22										1.133		322.00	2.27	225	450	525	1,255			75	1,255							
2017CPT.08.25.20631	Moore	23	SR 1111 (PARK DR)	FROM SR 1112 (ROSELAND RD) TO END MAINT.	1	2	2WU	NO	NO	0.206	18		0.41			100			190	13	3							
TOTAL FOR MAP NO. 23										0.206			0.41			100			190	13	3							
2017CPT.08.25.20631	Moore	24	SR 1134 (VON CANON DR)	FROM NC 211 TO SR 1233 (VIVIAN ST)	1	2	2WU	NO	NO	0.301	20	86.00	0.60			115			310	21	2							
TOTAL FOR MAP NO. 24										0.301		86.00	0.60			115			310	21	2							
2017CPT.08.25.20631	Moore	25	SR 1223 (BOGGS RD)	FROM US 15-501 TO DEAD END	1	2	2WU	NO	NO	0.224	18	67.00	0.45			50			210	14	2							
TOTAL FOR MAP NO. 25										0.224		67.00	0.45			50			210	14	2							
2017CPT.08.25.20631	Moore	26	SR 1235 (CROSS ST)	FROM SR 1237 (WOODLAWN ST) TO SR 1234 (PINWOOD ST)	1	2	2WU	NO	NO	0.115	18	40.00	0.23			150			125	8	2							
TOTAL FOR MAP NO. 26										0.115		40.00	0.23</															

PROJECT NO. 2017CPT.08.25.10631, 2017CPT.08.25.20631	SHEET NO. 15	TOTAL NO.
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THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	477000000-E	481000000-E	485000000-E	486000000-E	487000000-E	487500000-N	489000000-E	489000000-E	490000000-N	490500000-N	490500000-N				
										COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE II (4")	4" WHITE PAINT	4" YELLOW PAINT	4" LINE REMOVAL	8" LINE REMOVAL	24" LINE REMOVAL	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	4"X 50M WHITE THERMO	4"X 50M YELLOW THERMO	12"X 50M YELLOW THERMO	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS	SNOW PLOWABLE MARKERS Y & Y MARKERS	SNOW PLOWABLE MARKERS C & R MARKERS	
LF	LF	LF	LF	LF	LF	EA	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA				
2017CPT.08.25.10631	Moore	1	US 1 BUS	FROM SR 1826 (THURLOW LAKE RD) TO LEE CO LINE	1	2	2WU	4.745	26									320	50					
TOTAL FOR MAP NO. 1										4.745								320	50					
2017CPT.08.25.10631	Moore	2	NC 24/27	FROM SR 1808 (SCOTT RD) TO SR 2001 (BASS RD)	5	2	2WU	6.919	32	892		134,857	680	580	43	74,915	59,060	300		460	140			
TOTAL FOR MAP NO. 2										6.919	892	134,857	680	580	43	74,915	59,060	300		460	140			
2017CPT.08.25.10631	Moore	3	US 15-501	FROM CURB AND GUTTER IN CARTHAGE TO LEE CO LINE	2	2	2WU	6.735	32										500	200				
TOTAL FOR MAP NO. 3										6.735									500	200				
2017CPT.08.25.10631	Moore	4	US 1 NB	FROM C. J. @ BRIDGE # 56 TO SR 2124 (EQUESTRIAN RD)	3	2	2WD	1.084	32		8,020	5,730								80				
TOTAL FOR MAP NO. 4										1.084	8,020	5,730								80				
2017CPT.08.25.10631	Moore	5	US 1 SB	FROM SR 1857 (VALLEY VIEW RD) TO C. J. @ BRIDGE # 57	3	2	2WD	1.039	32		7,320	5,485								85				
TOTAL FOR MAP NO. 5										1.039	7,320	5,485								85				
2017CPT.08.25.10631	Moore	6	US 1 NB	FROM SR 2124 (EQUESTRIAN RD) TO SR 2026 (YOUNGS RD)	4	2	2WD	0.587	32		4,146	3,099								50				
TOTAL FOR MAP NO. 6										0.587	4,146	3,099								50				
2017CPT.08.25.10631	Moore	7	US 1 SB	FROM 2026 (YOUNGS RD) TO SR 1857 (VALLEY VIEW RD)	4	2	2WD	0.586	32		4,192	3,092								55				
TOTAL FOR MAP NO. 7										0.586	4,192	3,092								55				
TOTAL FOR PROJ NO. 2017CPT.08.25.10631										21.695	892	23,678	17,406	134,857	680	580	43	74,915	59,060	300	320	50	960	610
												41,084					133,975		370	1,570				
2017CPT.08.25.20631	Moore	8	SR 1217 (HARDEE BRANCH RD)	FROM SR 1209 (MURDOCKSVILLE RD) TO SR 1210 (BEULAH HILL CH RD)	1	2	2WU	0.925	22										65					
TOTAL FOR MAP NO. 8										0.925									65					
2017CPT.08.25.20631	Moore	9	SR 1125 (HOTEL ST)	FROM SR 1122 (JACKSON SPRINGS RD) TO NC 73	1	2	2WU	0.193	18										15					
TOTAL FOR MAP NO. 9										0.193									15					
2017CPT.08.25.20631	Moore	10	SR 1143 (SAMARCAND RD)	FROM SR 1145 (CANDOR RD) TO SR 1144 (WEST SAMARCAND RD)	1	2	2WU	1.969	19										130					
TOTAL FOR MAP NO. 10										1.969									130					
2017CPT.08.25.20631	Moore	11	SR 1210 (BEULAH HILL CH RD)	FROM NC 73 TO M. P. S. 10	2	2	2WU	1.17	22										80					
TOTAL FOR MAP NO. 11										1.17									80					
2017CPT.08.25.20631	Moore	12	SR 1214 (RICHMOND ST)	FROM SR 1216 (JUNIPER LAKE RD) TO END OF MAINT	1	2	2WU	0.087	20															
TOTAL FOR MAP NO. 12										0.087														
2017CPT.08.25.20631	Moore	13	SR 1231 (PATTON RD)	FROM SR 1229 (CARTHAGE RD) TO NC 73	1	2	2WU	0.539	21															
TOTAL FOR MAP NO. 13										0.539														
2017CPT.08.25.20631	Moore	14	SR 1240 (DOWD RD)	FROM SR 1248 (SUMMER HILL CH RD) TO SR 1229 (CARTHAGE ROAD)	1	2	2WU	0.6	20										40					
TOTAL FOR MAP NO. 14										0.6									40					
2017CPT.08.25.20631	Moore	15	SR 1281 (TARRY CH RD)	FROM SR 1002 (SPIES RD) TO BRIDGE NO 95 AT CABIN CREEK	1	2	2WU	1.451	22										100					
TOTAL FOR MAP NO. 15										1.451									100					
2017CPT.08.25.20631	Moore	16	SR 1490 (FLINT HILL CH RD)	FROM SR 1477 (PLANK RD) TO NC 24/27	1	2	2WU	1.776	20										120					
TOTAL FOR MAP NO. 16										1.776									120					
2017CPT.08.25.20631	Moore	17	SR 1621 (S CARBONTON RD)	FROM C J AT SR 1006 (GLENDON CARTHAGE RD) TO BRIDGE # 49	1	2	2WU	1.533	22										210					
TOTAL FOR MAP NO. 17										1.533									210					
2017CPT.08.25.20631	Moore	18	SR 1651 (OLD RIVER RD)	FROM NCL OF CARTHAGE TO CONST JT AT SR 1006 (GLENDON CARTHAGE RD)	1	2	2WU	0.254	20										20					
TOTAL FOR MAP NO. 18										0.254									20					
2017CPT.08.25.20631	Moore	19	SR 1831 (FARM LIFE SCHL RD)	FROM SR 1833 (JOEL RD) TO SR 1803 (VASS-CARTHAGE RD)	1	2	2WU	1.961	22										130					
TOTAL FOR MAP NO. 19										1.961									130					
2017CPT.08.25.20631	Moore	20	SR 1833 (JOEL RD)	FROM SR 1802 (NIAGARA-CARTHAGE ROAD) TO SR 1805 (UNION CHURCH RD)	1	2	2WU	2.743	22										185					
TOTAL FOR MAP NO. 20										2.743									185					
2017CPT.08.25.20631	Moore	21	SR 1861 (HOLLY RD)	FROM SR 1860 (MCINNIS RD) TO SR 1843 (AIRPORT ROAD)	1	2	2WU	0.401	20										30					
TOTAL FOR MAP NO. 21										0.401									30					
2017CPT.08.25.20631	Moore	22	SR 1864 (LONG PT RD)	FROM SR 2175 (AIKEN ROAD) TO PAVEMENT CHANGE	2	2	2WU	1.133	20										75					
TOTAL FOR MAP NO. 22										1.133									75					
2017CPT.08.25.20631	Moore	23	SR 1111 (PARK DR)	FROM SR 1112 (ROSELAND RD) TO END MAINT.	1	2	2WU	0.206	18															
TOTAL FOR MAP NO. 23										0.206														
2017CPT.08.25.20631	Moore	24	SR 1134 (VON CANON DR)	FROM NC 211 TO SR 1233 (VIVIAN ST)	1	2	2WU	0.301	20															
TOTAL FOR MAP NO. 24										0.301														
2017CPT.08.25.20631	Moore	25	SR 1223 (BOGGS RD)	FROM US 15-501 TO DEAD END	1	2	2WU	0.224	18															
TOTAL FOR MAP NO. 25										0.224														
2017CPT.08.25.20631	Moore	26	SR 1235 (CROSS ST)	FROM SR 1237 (WOODLAWN ST) TO SR 1234 (PINWOOD ST)	1	2	2WU	0.115	18															
TOTAL FOR MAP NO. 26										0.115														
2017CPT.08.25.20631	Moore	27	SR 1236 (CHURCH ST)	FROM NC 211 TO SR 1235 (CROSS ST)	1	2	2WU	0.093	18															
TOTAL FOR MAP NO. 27										0.093														
2017CPT.08.25.20631	Moore	28	SR 1251 (BRINKLEY RD)	FROM US 15-501 TO SR 1250 (JODY RD)	1	2	2WU	0.64	20										45					
TOTAL FOR MAP NO. 28										0.64									45					
2017CPT.08.25.20631	Moore	29	SR 1270 (BENSALEM CH RD)	FROM SR 1271 (OAK RIDGE RD) TO NC 705	1	2	2WU	1.167	22										80					
TOTAL FOR MAP NO. 29										1.167									80					
TOTAL FOR PROJ NO. 2017CPT.08.25.20631										19.481									1,325					
																		1,325						
GRAND TOTAL										41.176	892	23,678	17,406	134,857	680	580	43	74,915	59,060	300	1,645	50	960	610
												41,084					133,975		1,695	1,570				

SIGNING FOR RESURFACING PROJECTS

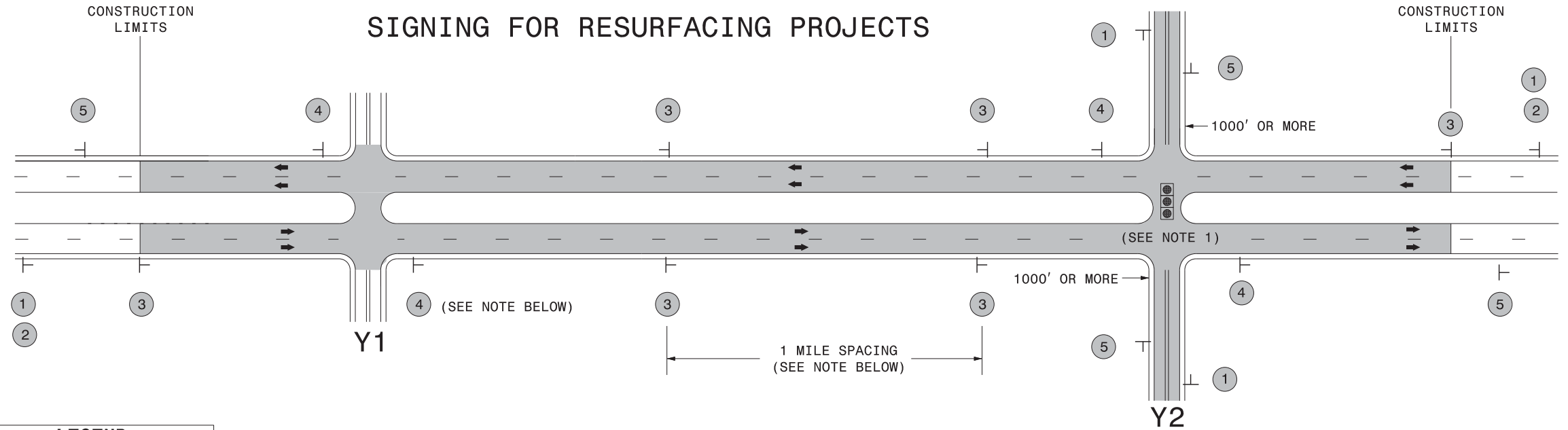


MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	1	 W20-1 48" X 48"	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p>	<p>NO REQUIRED STATIONARY SIGNING 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, ADVANCE WARNING PORTABLE 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;"> <p>W20-1 48" X 48"</p> </div> <div style="text-align: center;"> <p>W20-7 A 48" X 48"</p> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	2	 W7-3aP 24" X 18"	<p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	
	3	 SP 13107 48" X 48"	<ul style="list-style-type: none"> - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	4	 SP 13106 48" X 48"	<ul style="list-style-type: none"> - 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	 G20-2 A 48" X 24"	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>		

RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS



LEGEND
 ┆ 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>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<p>NO REQUIRED STATIONARY SIGNING 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, ADVANCE WARNING PORTABLE 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; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
		<p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

3/23/2015
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**RESURFACING
ADVANCE WARNING SIGNS
FOR RURAL AND SUBURBAN
MULTI-LANE ROADWAYS
W/ SHOULDER SECTIONS**