2025CPT.12.10.20182, ETC.

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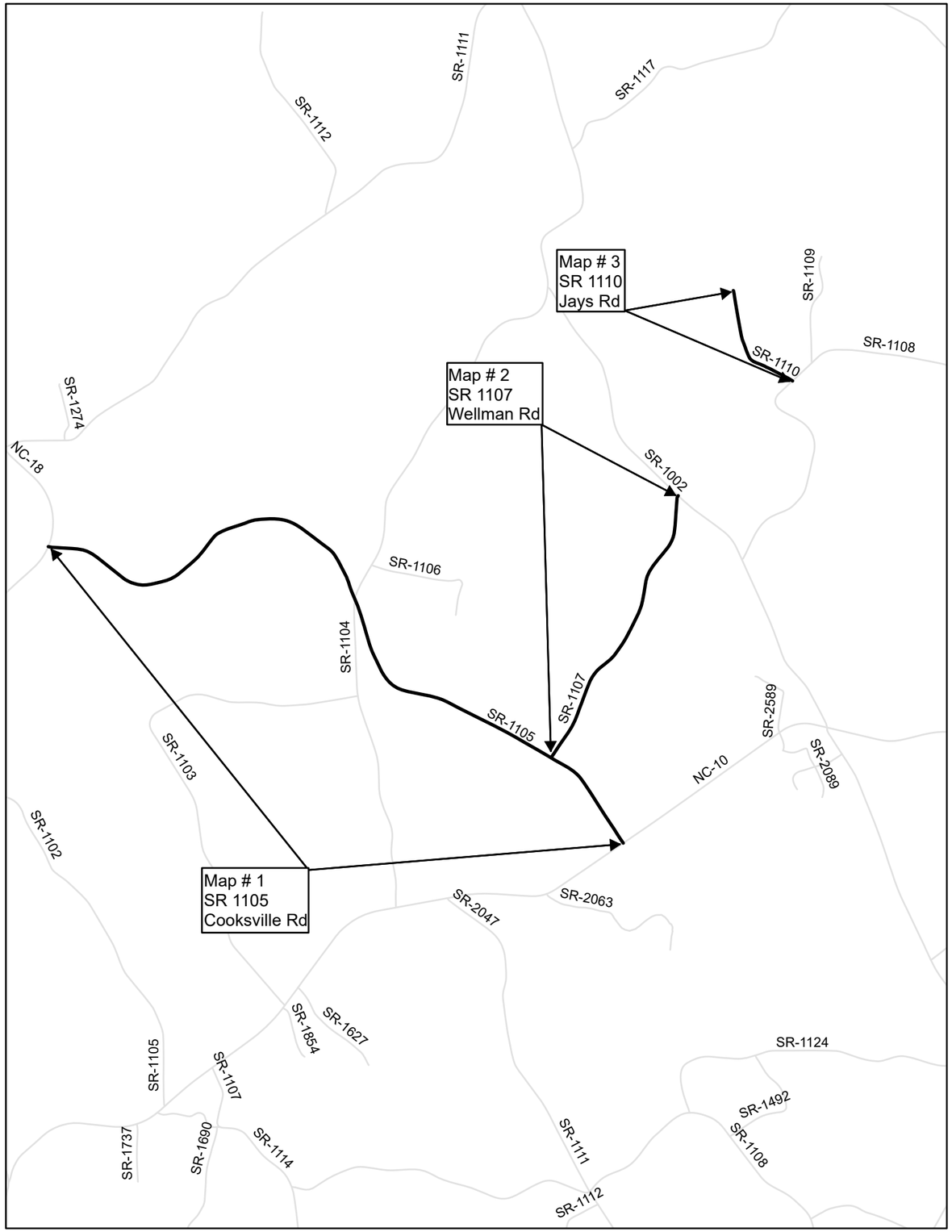
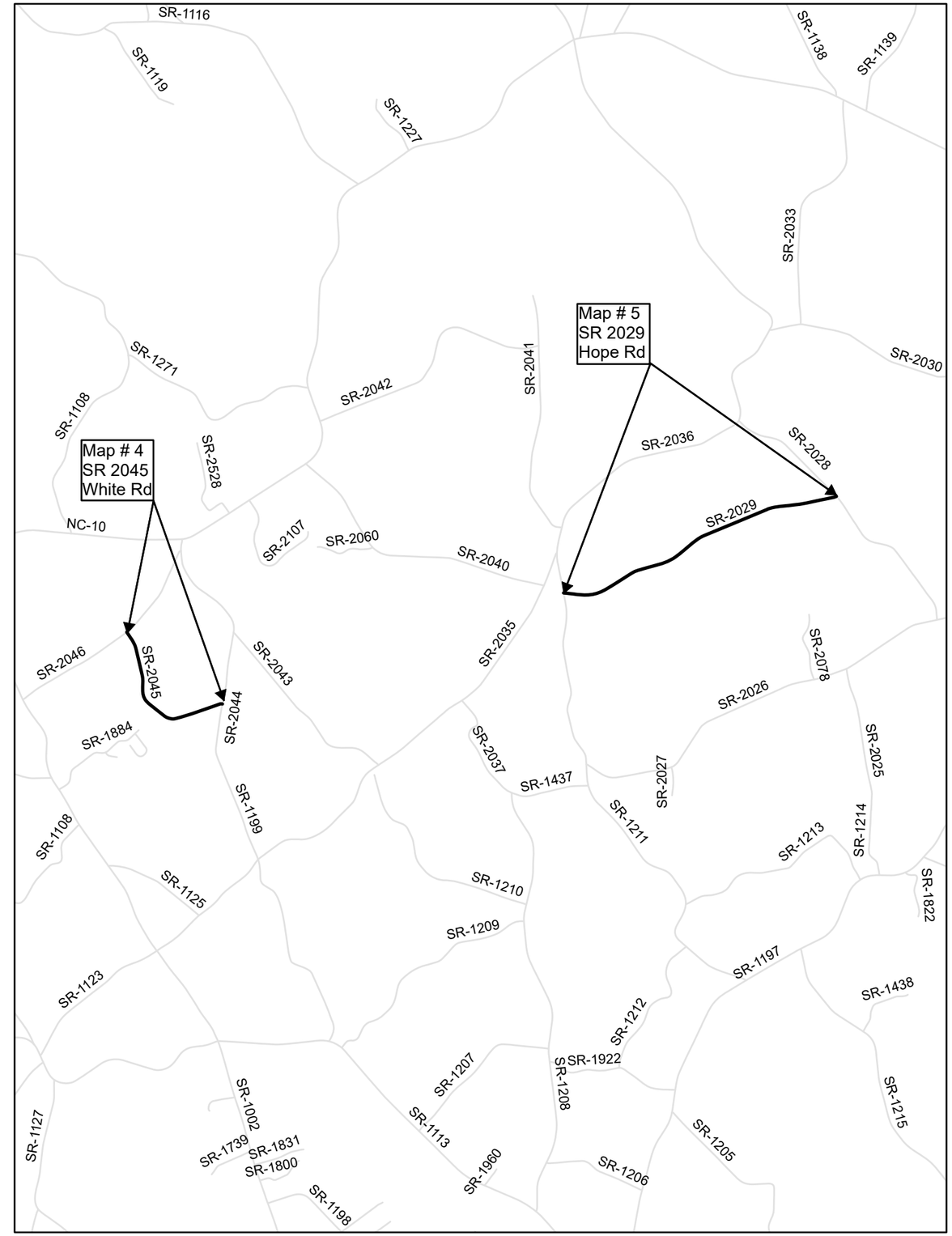
DL00345

Catawba County

2025CPT.12.10.20182

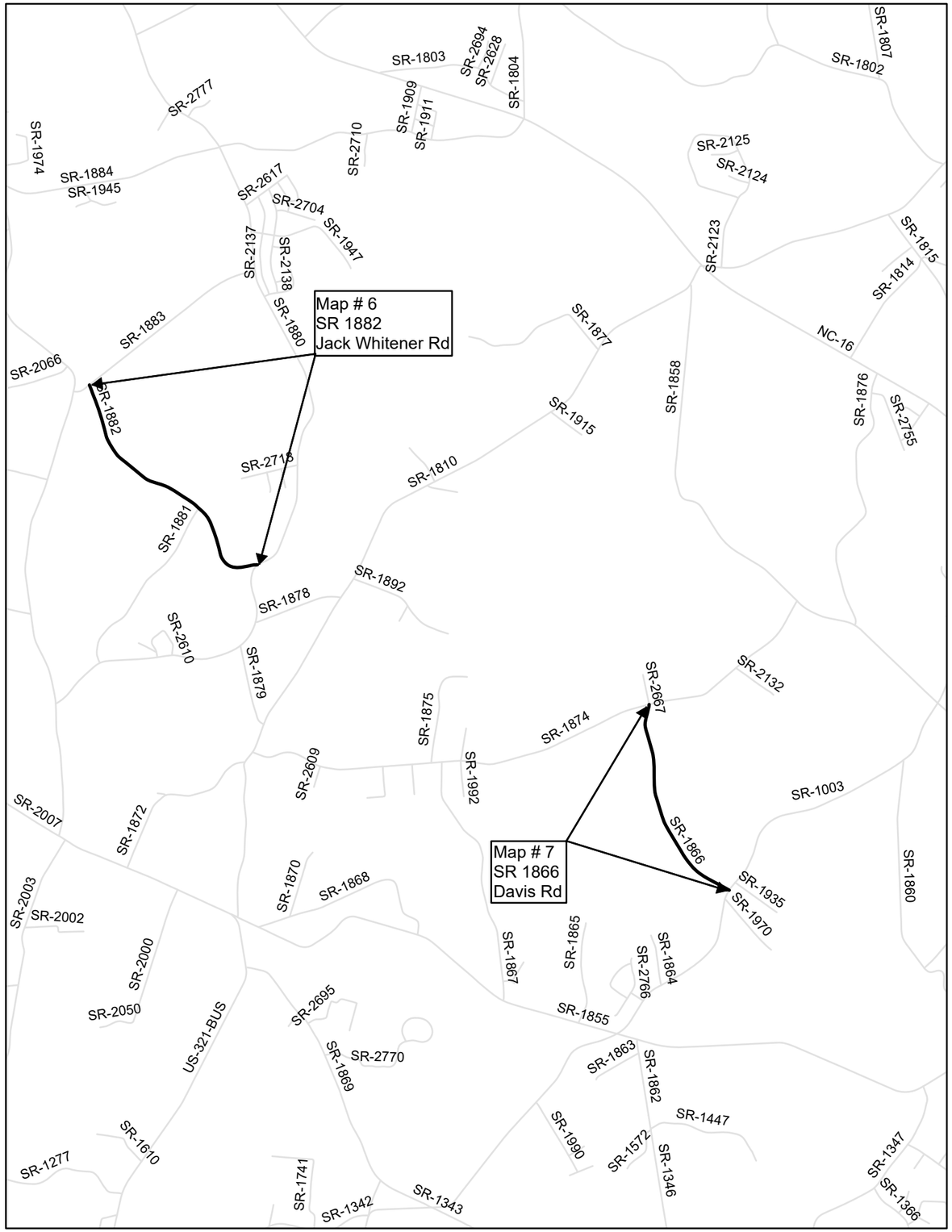


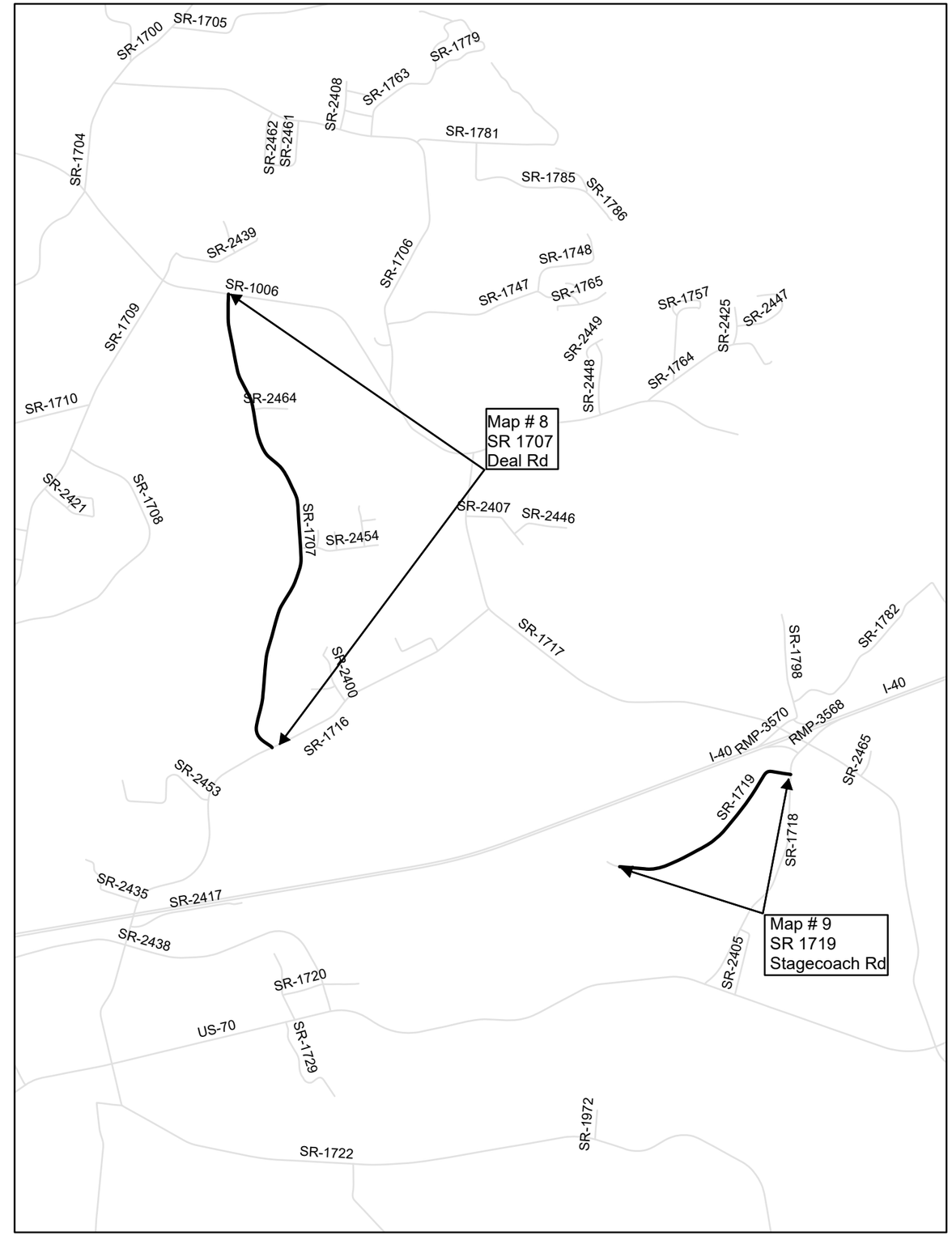


N

Catawba County

2025CPT.12.10.20182





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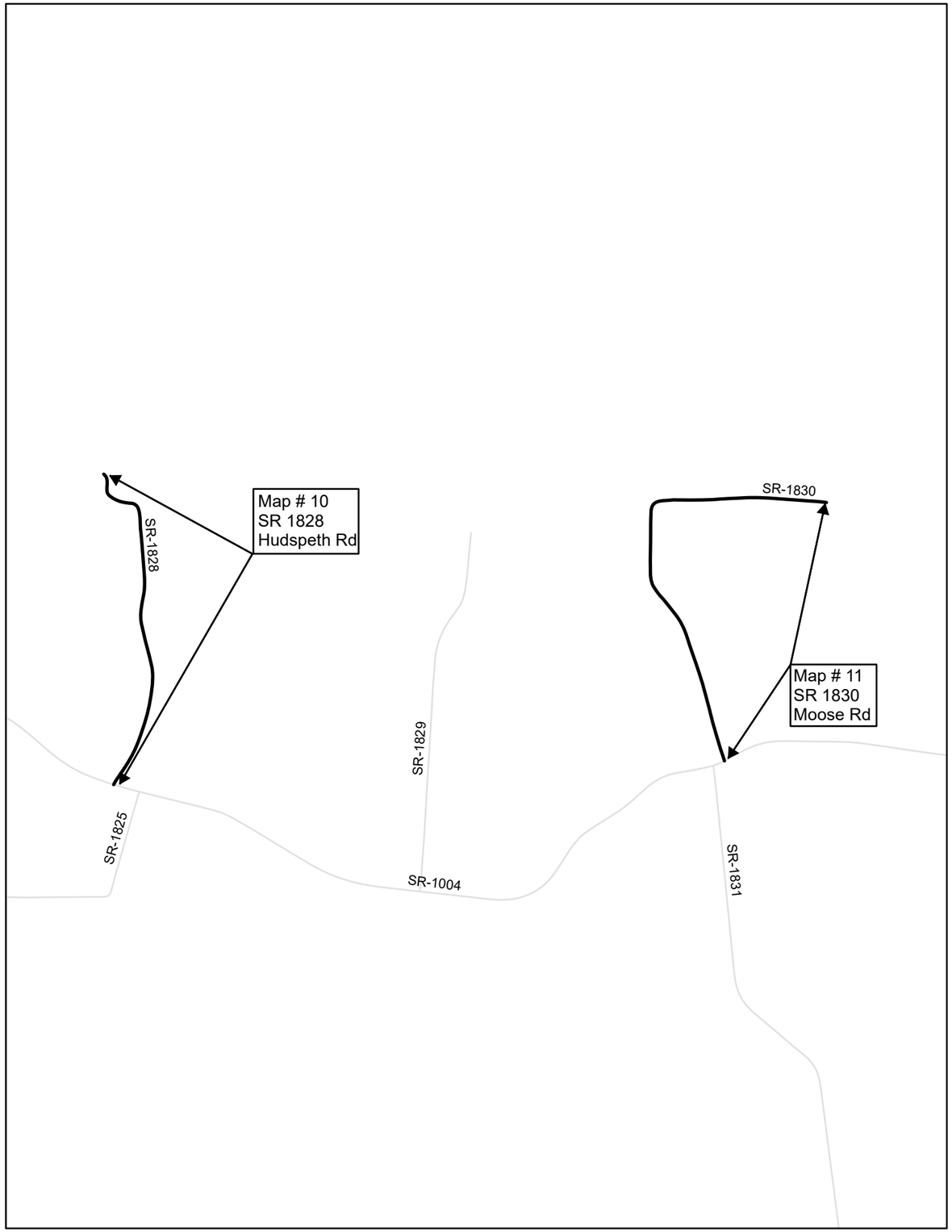
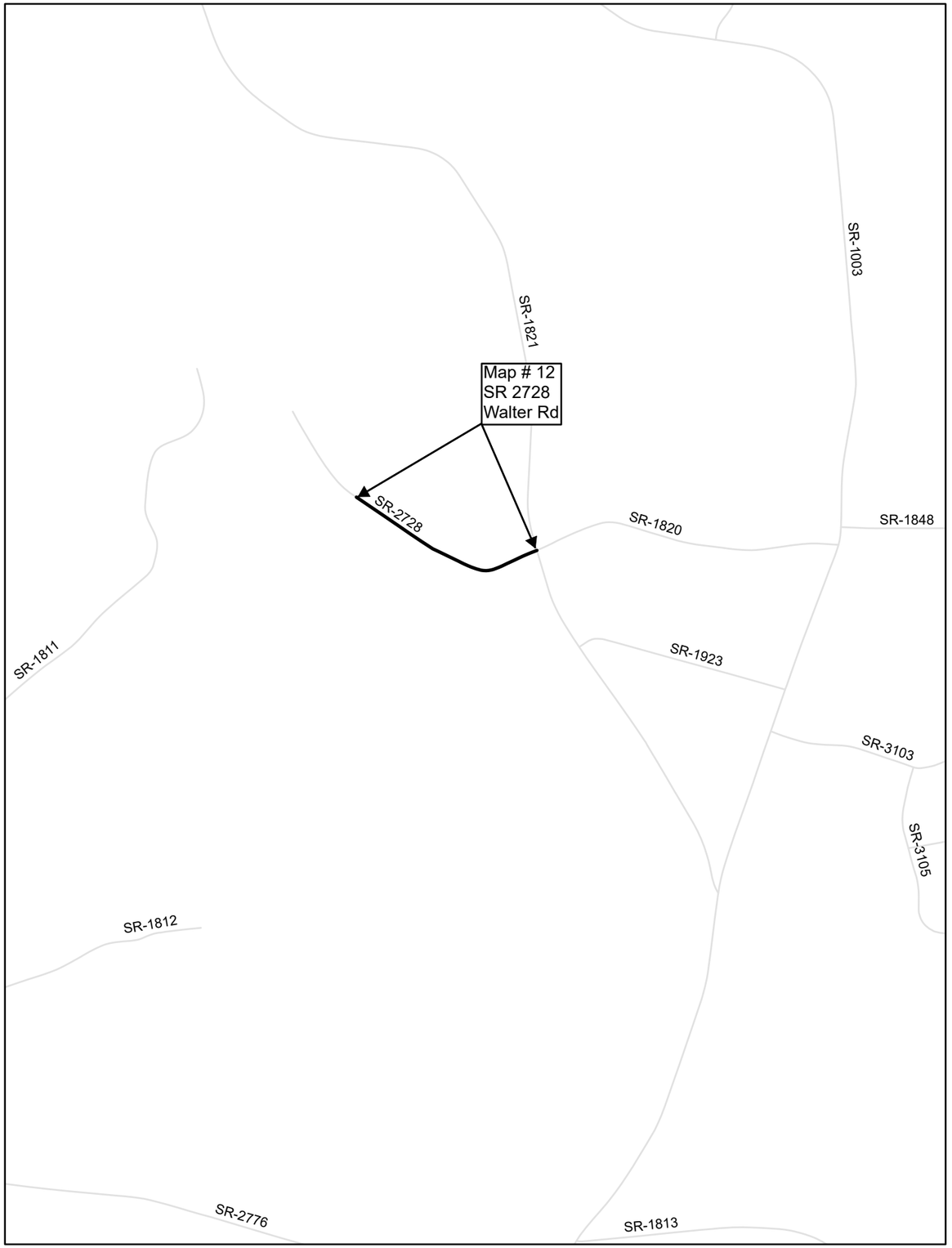


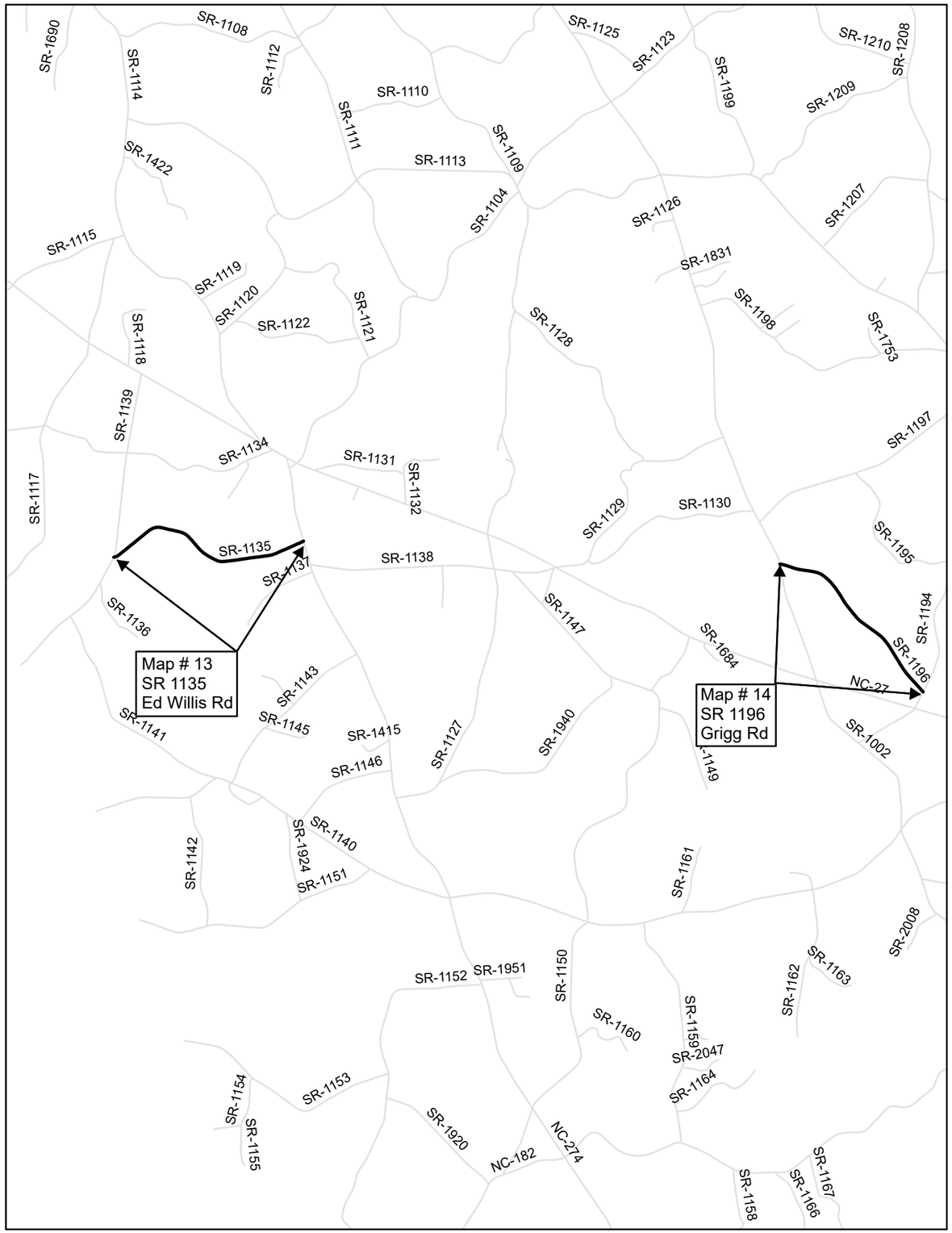


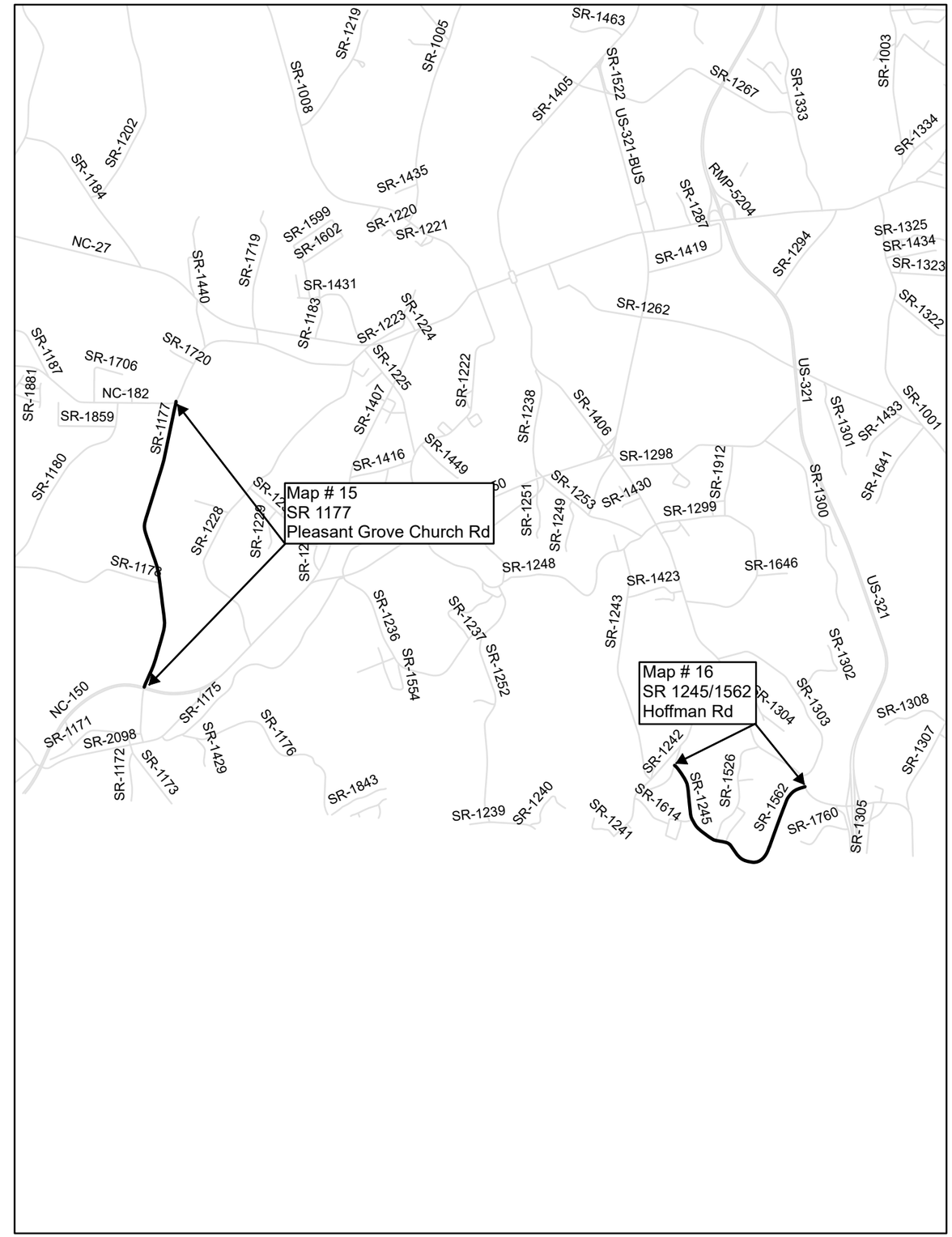
Catawba County
2025CPT.12.10.20182

N

Lincoln County

2025CPT.12.10.20552



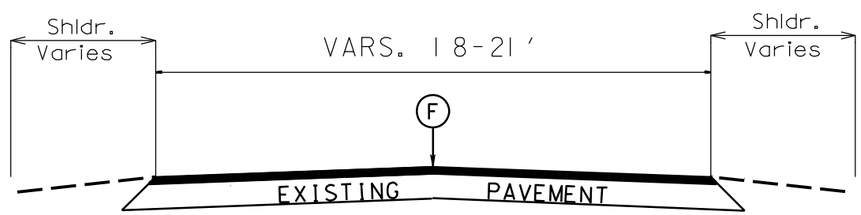


N

STATE	PROJECT WBS	SHEET NUMBER
NC	2025CPT.12.10.20182	6
	2025CPT.12.10.20552	

Checked by:

Drawn by: G.Brittain



TYPICAL SECTION NO. 1

All Maps

PAVEMENT SCHEDULE	
F	Latex Modified Microsurfacing Type III at an Application Rate of 22 to 26 Pounds per Square Yard

2024-2025
PAVEMENT PRESERVATION
CATAWBA AND LINCOLN
COUNTIES

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.12.10.20182, 2025CPT.12.10.20552	7	9

SUMMARY OF QUANTITIES

														1891000000-E	2143000000-E
PROJECT NO	**COUNTY**	**MAP NO**	**ROUTE**	**DESCRIPTION**	**TYP NO**	**LANES**	**LANE TYPE**	**FINAL SURFACE TESTING REQUIRED**	**WARM MIX ASPHALT REQUIRED**	**LENGTH**	**WIDTH**	**BEGIN MP**	**END MP**	**LATEX MOD. MICROSURFACE, TYPE III**	**BLOTTING SAND**
										MI	**FT**			**SY**	**TON**
2025CPT.12.10.20182	Catawba	1	SR-1105 / COOKSVILLE RD	FROM NC 10 TO NC 18	1	2	2WU	NO	NO	3.3	21	0	3.3	42,689	4
2025CPT.12.10.20182	Catawba	2	SR-1107 / WELLMAN RD	FROM SR 1005 (COOKSVILLE RD) TO SR 1002 RHONEY FARM RD	1	2	2WU	NO	NO	1.31	20	0	1.31	16,139	
2025CPT.12.10.20182	Catawba	3	SR-1110 / JAYS RD	FROM SR 1108 (LYNN MOUNTAIN RD) TO CUL-DE-SAC	1	2	2WU	NO	NO	0.52	21	0	0.52	7,175	
2025CPT.12.10.20182	Catawba	4	SR-2045 / WHITE RD	FROM SR 2044 (BANOAK RD) TO SR 2046 (LEFEVERS RD)	1	2	2WU	NO	NO	0.93	19	0	0.93	10,885	
2025CPT.12.10.20182	Catawba	5	SR-2029 / HOPE RD	FROM SR 2036 (PLATEAU RD) TO SR 2028 (SCRONCE RD)	1	2	2WU	NO	NO	1.74	19	0	1.74	20,365	2
2025CPT.12.10.20182	Catawba	6	SR-1882 / JACK WHITENER RD	FROM SR 1883 (PRISON CAMP RD) TO SR 1880 (MAYS CHAPEL CH RD)	1	2	2WU	NO	NO	1.58	20	0	1.58	19,466	2
2025CPT.12.10.20182	Catawba	7	SR-1866 / DAVIS RD	FROM SR 1003 (BUFFALO SHOALS RD) TO SR 1874 (WATERPLANT RD)	1	2	2WU	NO	NO	1.27	19	0	1.27	14,864	
2025CPT.12.10.20182	Catawba	8	SR-1707 / DEAL RD	FROM SR 1006 (OXFORD SCHOOL RD) TO SR 1716 (BUNKER HILL SCH RD)	1	2	2WU	NO	NO	2.11	21	0	2.11	27,295	4
2025CPT.12.10.20182	Catawba	9	SR-1719 / STAGECOACH RD	FROM SR 1718 (WIKE RD) TO DEAD END	1	2	2WU	NO	NO	0.94	20	0	0.94	11,581	
2025CPT.12.10.20182	Catawba	10	SR-1828 / HUDSPETH RD	FROM SR 1004 (HUDSON CHAPEL RD) TO END MAINT	1	2	2WU	NO	NO	0.53	20	0	0.53	6,530	
2025CPT.12.10.20182	Catawba	11	SR-1830 / MOOSE RD	FROM SR 1004 (HUDSON CHAPEL RD) TO END MAINT	1	2	2WU	NO	NO	0.78	20	0	0.78	9,610	
2025CPT.12.10.20182	Catawba	12	SR-2728 / WALTER RD	FROM SR 1821 (SHILOH RD) TO END MAINT	1	2	2WU	NO	NO	0.36	20	0	0.36	4,435	
TOTAL FOR PROJ NO. 2025CPT.12.10.20182										**15.37**				**191,034**	**12**
2025CPT.12.10.20552	Lincoln	13	SR-1135 / ED WILLIS RD	FROM NC 274 TO SR 1139 (DAVIDS CHAPEL CH RD)	1	2	2WU	NO	NO	1.56	18	0	1.56	17,297	2
2025CPT.12.10.20552	Lincoln	14	SR-1196 / GRIGG RD	FROM SR 1002 (CAT SQUARE RD) TO SR 1194 (HOWARD CHREEK MILL RD)	1	2	2WU	NO	NO	1.46	18	0	1.46	16,188	2
2025CPT.12.10.20552	Lincoln	15	SR-1177 / PLEASANT GROVE CH RD	FROM NC 150 TO NC 182	1	2	2WU	NO	NO	2.1	18	0	2.1	23,285	
2025CPT.12.10.20552	Lincoln	16	SR-1245/1562 HOFFMAN RD	FROM SR 1244 (WESLEYAN CH RD) TO US 321 BUS	1	2	2WU	NO	NO	1.73	18	0	1.73	21,314	2
TOTAL FOR PROJ NO. 2025CPT.12.10.20552										**6.85**				**78,084**	**6**
GRAND TOTAL										**22.22**				**269,118**	**18**

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.12.10.20182, 2025CPT.12.10.20552	8	9

THERMOPLASTIC AND PAINT QUANTITIES

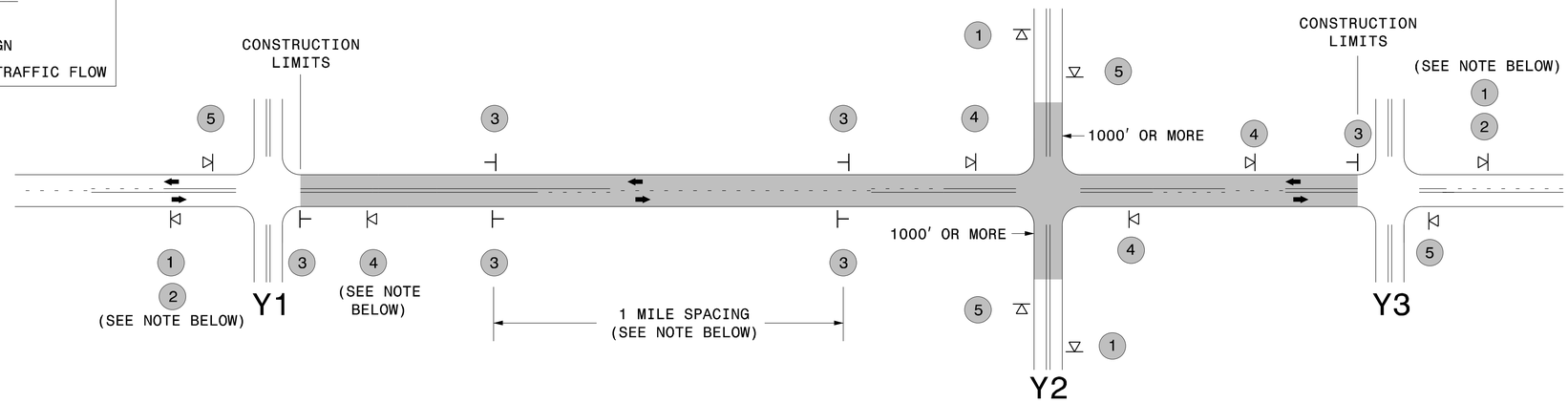
												4413000000-E	4457000000-N	4725000000-N	4810000000-E	4810000000-E	4875000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE GENERAL WARNING	TEMP TRAFFIC CONTROL	THERMO ARROW LT/RT/STR	4" YELLOW PAINT	4" WHITE PAINT	REMOVAL OF PVMT MKG SYMBOLS & CHARS
								MI	FT			SF	LS	EA	LF	LF	EA
2025CPT.12.10.20182	Catawba	1	SR-1105 / COOKSVILLE RD	FROM NC 10 TO NC 18	1	2	2WU	3.3	21	0	3.3	250	*		69,700	69,700	
2025CPT.12.10.20182	Catawba	2	SR-1107 / WELLMAN RD	FROM SR 1005 (COOKSVILLE RD) TO SR 1002 RHONEY FARM RD	1	2	2WU	1.31	20	0	1.31	90	*		27,700	27,700	
2025CPT.12.10.20182	Catawba	3	SR-1110 / JAYS RD	FROM SR 1108 (LYNN MOUNTAIN RD) TO CUL-DE-SAC	1	2	2WU	0.52	21	0	0.52	48	*				
2025CPT.12.10.20182	Catawba	4	SR-2045 / WHITE RD	FROM SR 2044 (BANOAK RD) TO SR 2046 (LEFEVERS RD)	1	2	2WU	0.93	19	0	0.93	128	*		19,650	19,650	
2025CPT.12.10.20182	Catawba	5	SR-2029 / HOPE RD	FROM SR 2036 (PLATEAU RD) TO SR 2028 (SCRONCE RD)	1	2	2WU	1.74	19	0	1.74	155	*		36,750	36,750	
2025CPT.12.10.20182	Catawba	6	SR-1882 / JACK WHITENER RD	FROM SR 1883 (PRISON CAMP RD) TO SR 1880 (MAYS CHAPEL CH RD)	1	2	2WU	1.58	20	0	1.58	150	*		33,375	33,375	
2025CPT.12.10.20182	Catawba	7	SR-1866 / DAVIS RD	FROM SR 1003 (BUFFALO SHOALS RD) TO SR 1874 (WATERPLANT RD)	1	2	2WU	1.27	19	0	1.27	145	*		26,825	26,825	
2025CPT.12.10.20182	Catawba	8	SR-1707 / DEAL RD	FROM SR 1006 (OXFORD SCHOOL RD) TO SR 1716 (BUNKER HILL SCH RD)	1	2	2WU	2.11	21	0	2.11	165	*		44,575	44,575	
2025CPT.12.10.20182	Catawba	9	SR-1719 / STAGECOACH RD	FROM SR 1718 (WIKE RD) TO DEAD END	1	2	2WU	0.94	20	0	0.94	48	*				
2025CPT.12.10.20182	Catawba	10	SR-1828 / HUDSPETH RD	FROM SR 1004 (HUDSON CHAPEL RD) TO END MAINT	1	2	2WU	0.53	20	0	0.53	48	*				
2025CPT.12.10.20182	Catawba	11	SR-1830 / MOOSE RD	FROM SR 1004 (HUDSON CHAPEL RD) TO END MAINT	1	2	2WU	0.78	20	0	0.78	48	*				
2025CPT.12.10.20182	Catawba	12	SR-2728 / WALTER RD	FROM SR 1821 (SHILOH RD) TO END MAINT	1	2	2WU	0.36	20	0	0.36	48	*				
TOTAL FOR PROJ NO. 2025CPT.12.10.20182								**15.37**				**1,323**	*		**258,575**	**258,575**	
2025CPT.12.10.20552	Lincoln	13	SR-1135 / ED WILLIS RD	FROM NC 274 TO SR 1139 (DAVIDS CHAPEL CH RD)	1	2	2WU	1.56	18	0	1.56	150	*		32,950	32,950	
2025CPT.12.10.20552	Lincoln	14	SR-1196 / GRIGG RD	FROM SR 1002 (CAT SQUARE RD) TO SR 1194 (HOWARD CHREEK MILL RD)	1	2	2WU	1.46	18	0	1.46	150	*		30,850	30,850	
2025CPT.12.10.20552	Lincoln	15	SR-1177 / PLEASANT GROVE CH RD	FROM NC 150 TO NC 182	1	2	2WU	2.1	18	0	2.1	165	*	1	44,375	44,375	1
2025CPT.12.10.20552	Lincoln	16	SR-1245/1562 HOFFMAN RD	FROM SR 1244 (WESLEYAN CH RD) TO US 321 BUS	1	2	2WU	1.73	18	0	1.73	110	*		36,550	36,550	
TOTAL FOR PROJ NO. 2025CPT.12.10.20552								**6.85**				**575**	*	**1**	**144,725**	**144,725**	**1**
GRAND TOTAL								**22.22**				**1,898**	**1**	**1**	**403,300**	**403,300**	**1**

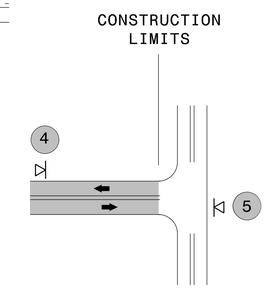
PROJ. REFERENCE NO.	SHEET NO.
2025CPT.12.10.20182 2025CPT.12.10.20552	9

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- PORTABLE SIGN
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 — ROAD WORK AHEAD, W20-1, 48″ X 48″
- PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE.

2 — NEXT XX MILES, W7-3aP, 24″ X 18″
- 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.

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.

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 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.

-Y- LINE SIGNING

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 SHALLE BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD, W20-1, 48″ X 48″
PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A, 48″ X 48″
PLACED 250′ IN ADVANCE OF FLAGGER.

DIVISION OF HIGHWAYS — STATE OF NORTH CAROLINA — DEPARTMENT OF TRANSPORTATION — WORK ZONE TRAFFIC CONTROL

ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

5/12/2017
S:\TMU\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln - AST.dgn
User:kedalis