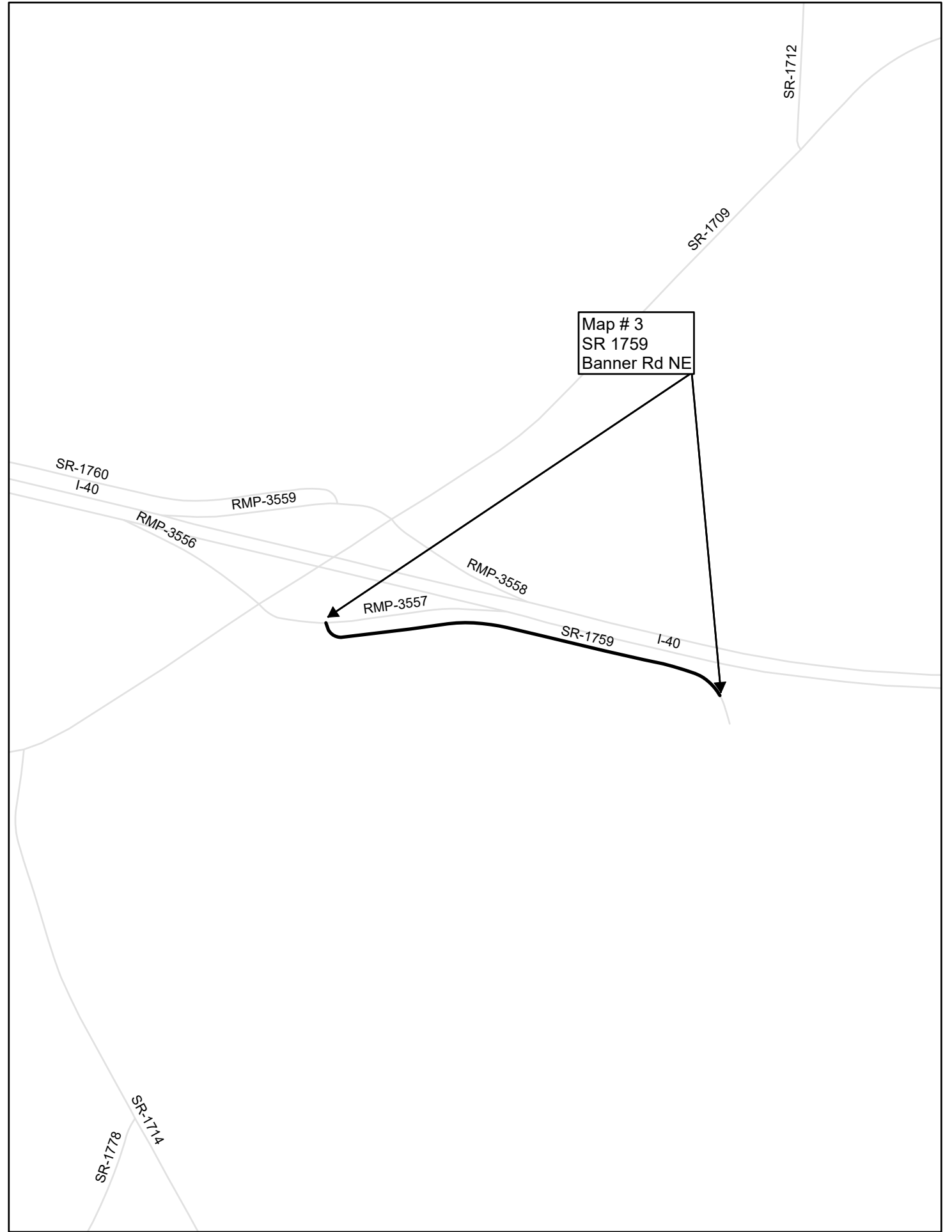
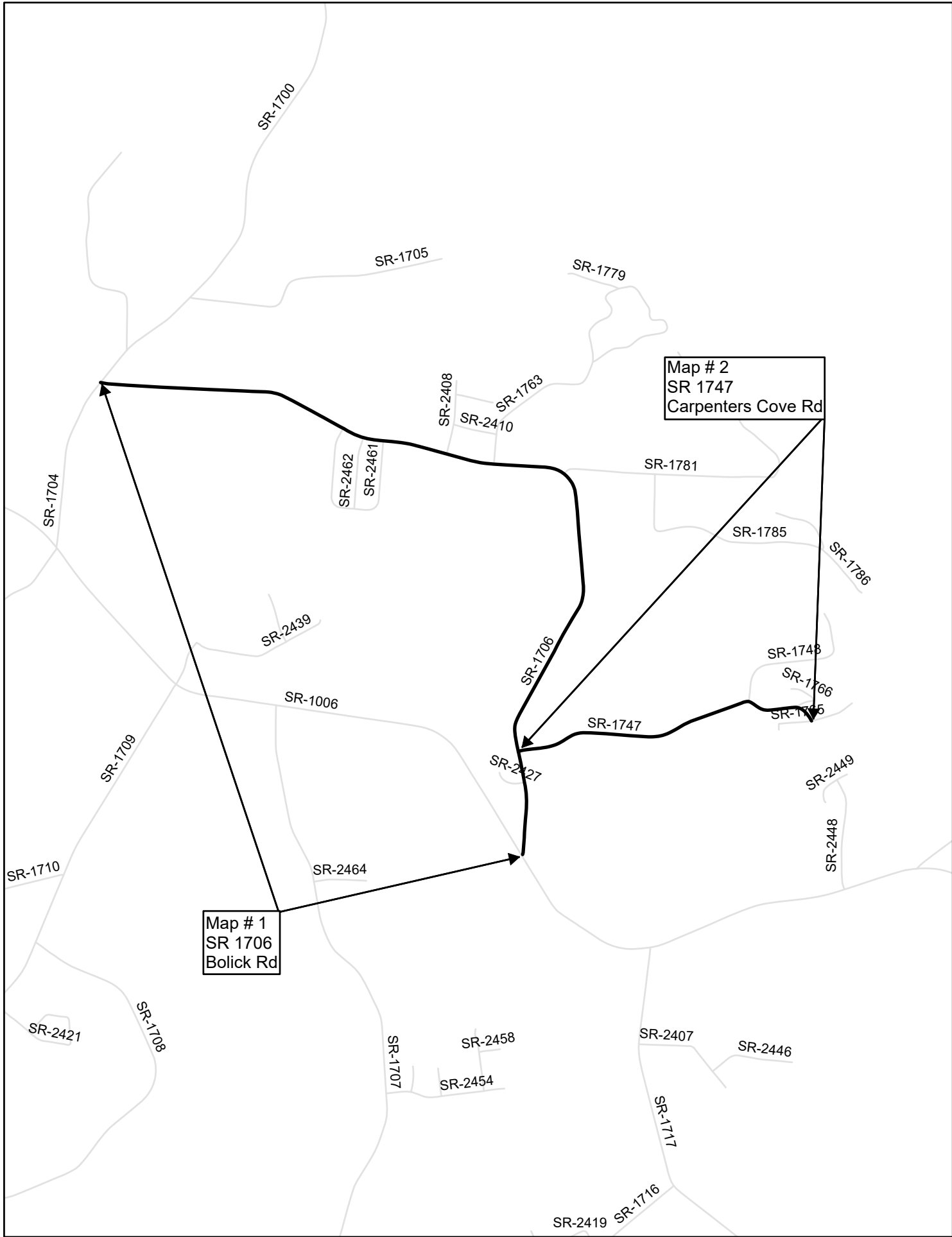
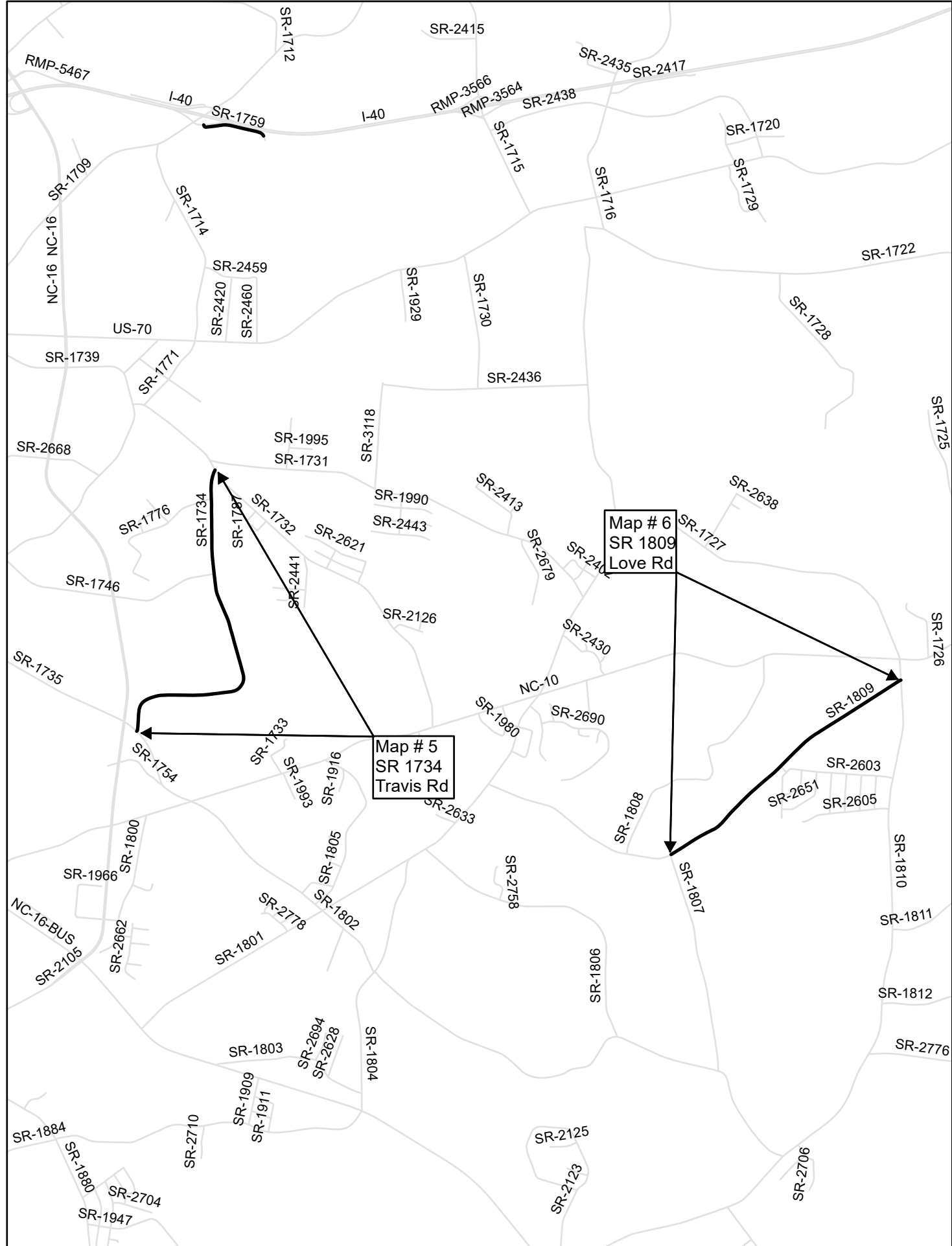
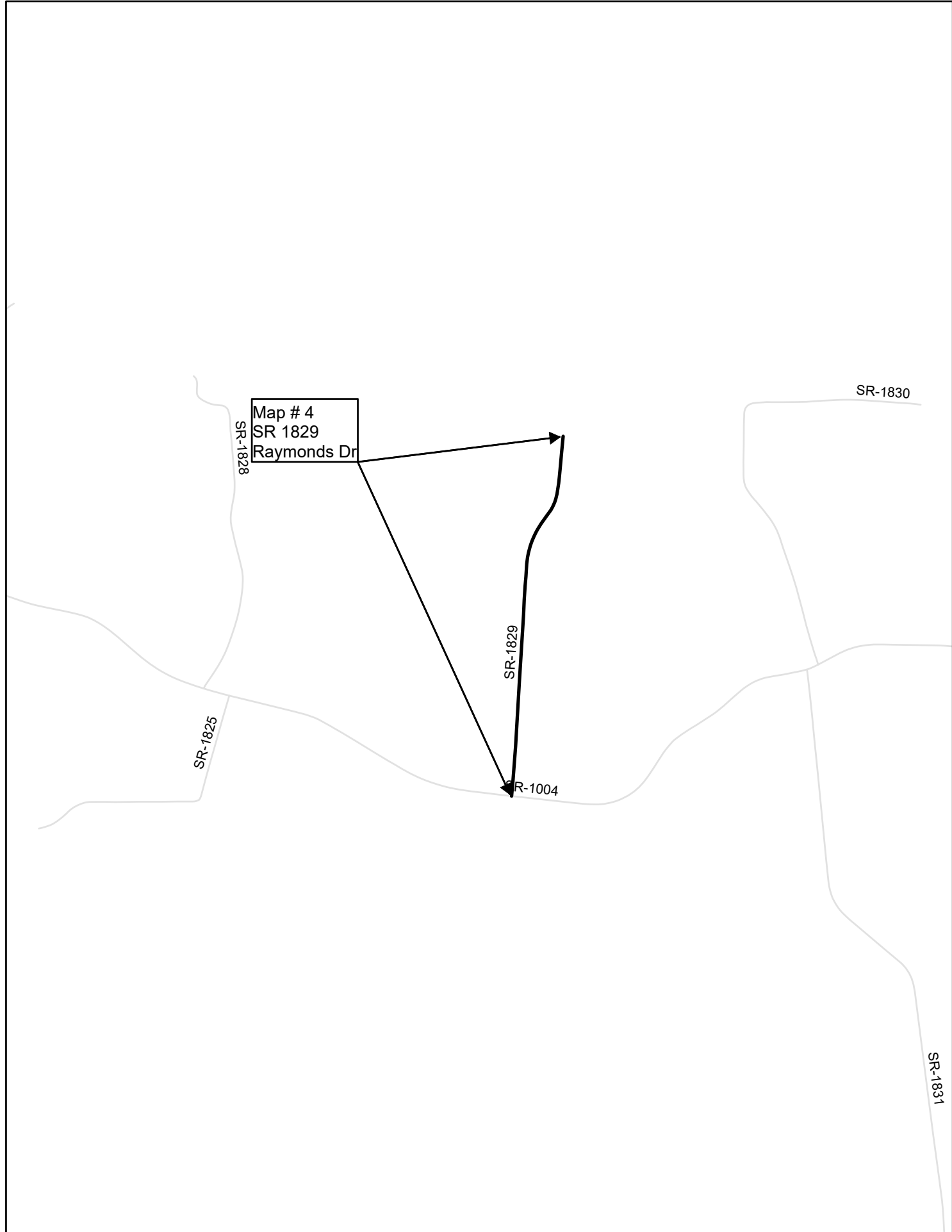


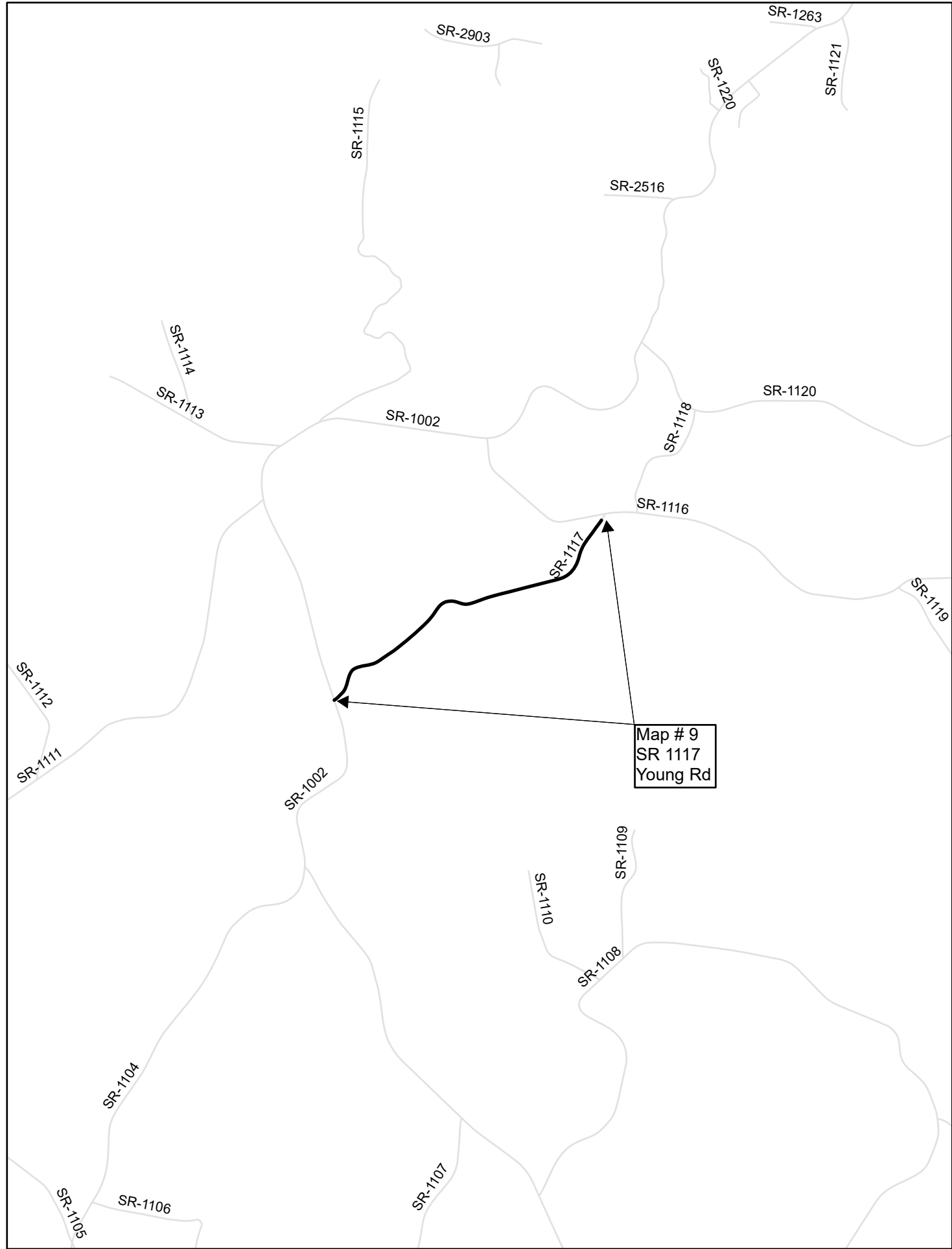
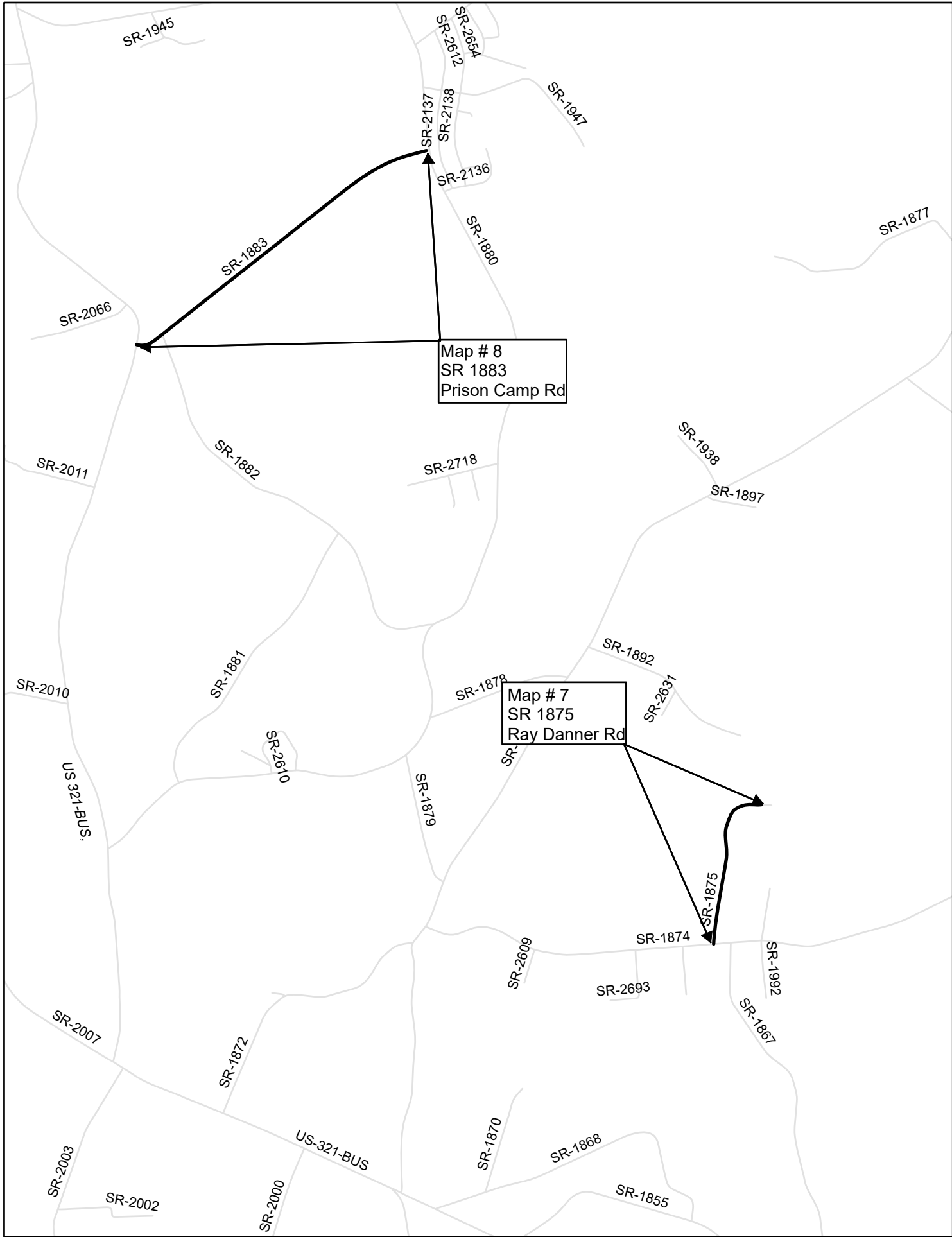
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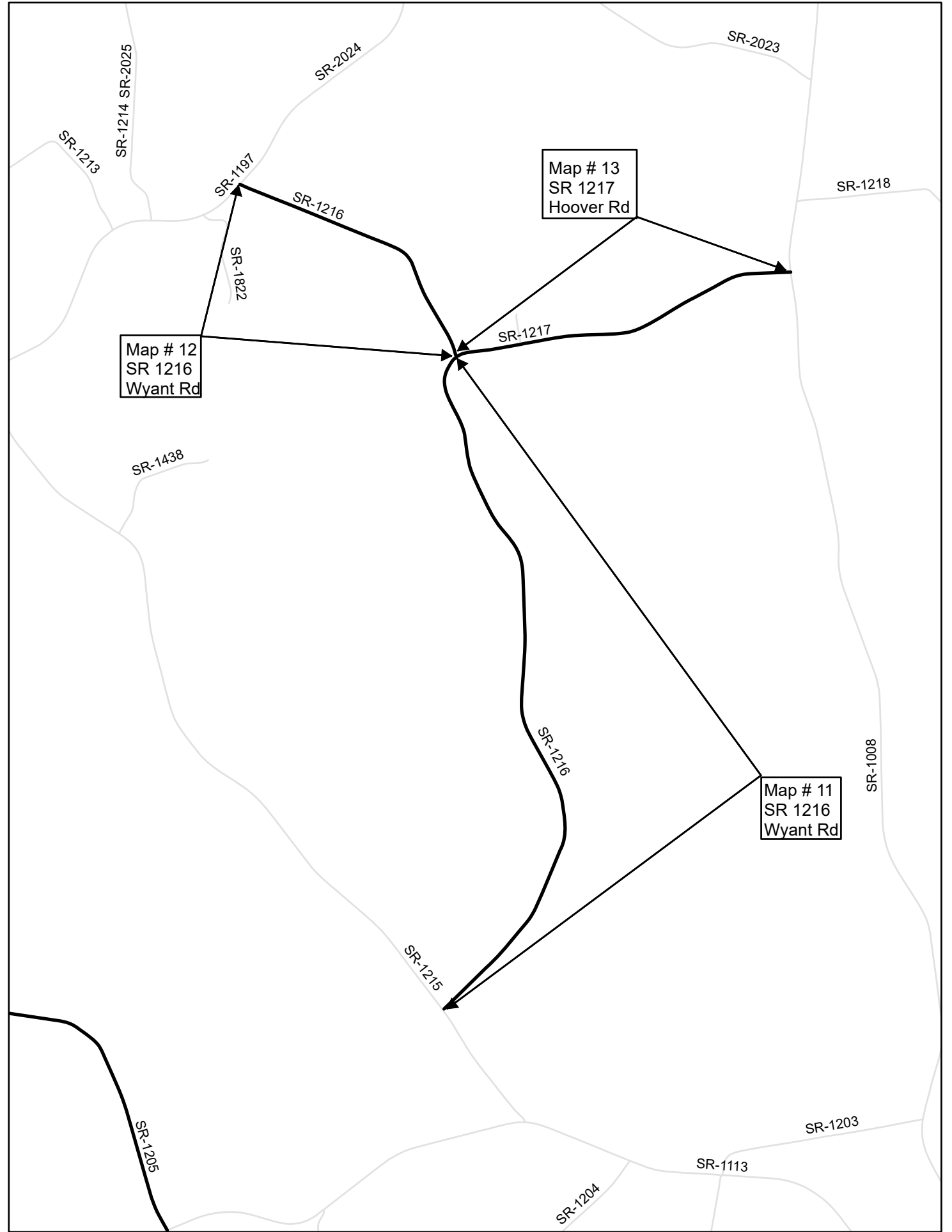
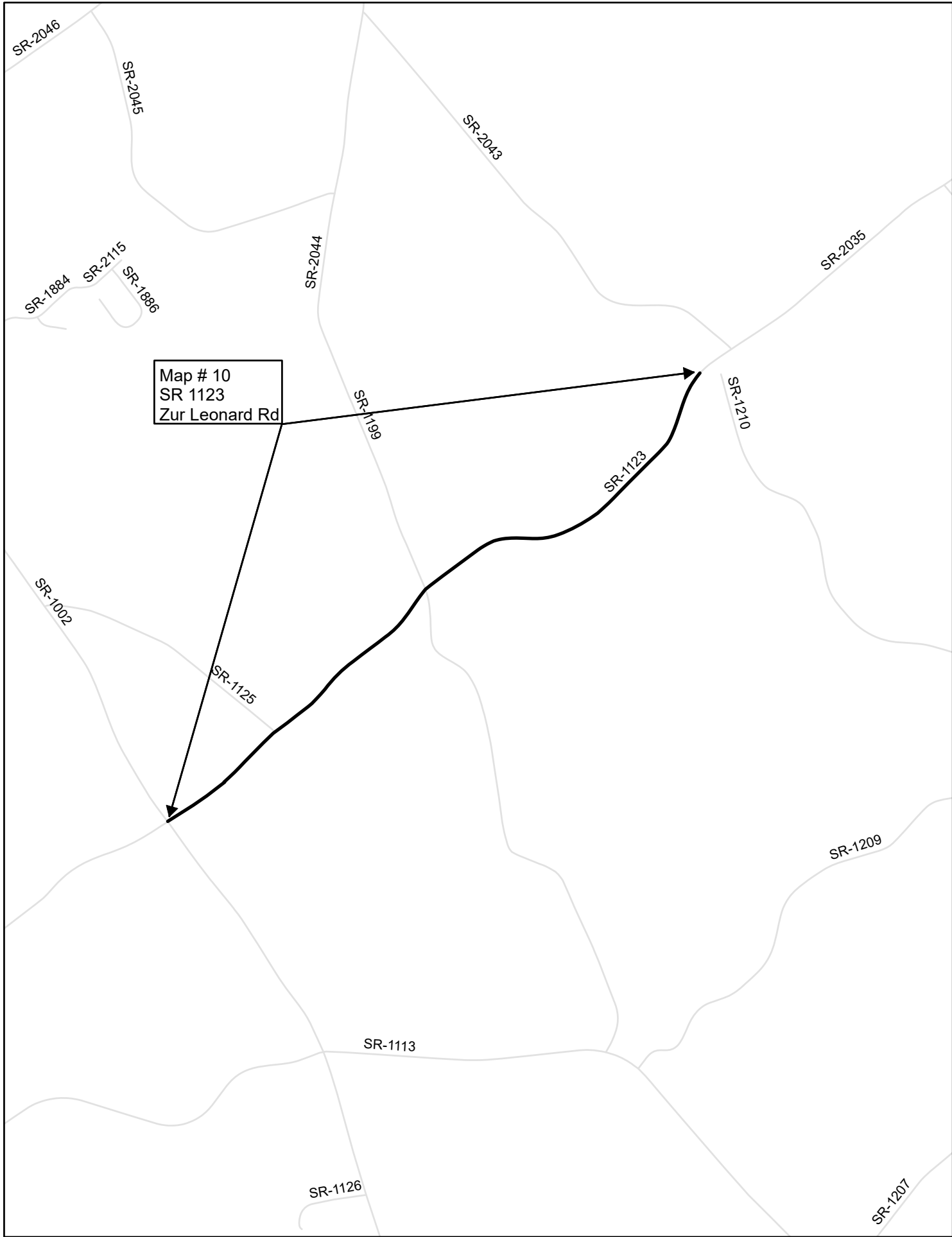
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and sealed by the individuals whose names and license  
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with their signature on that page.**

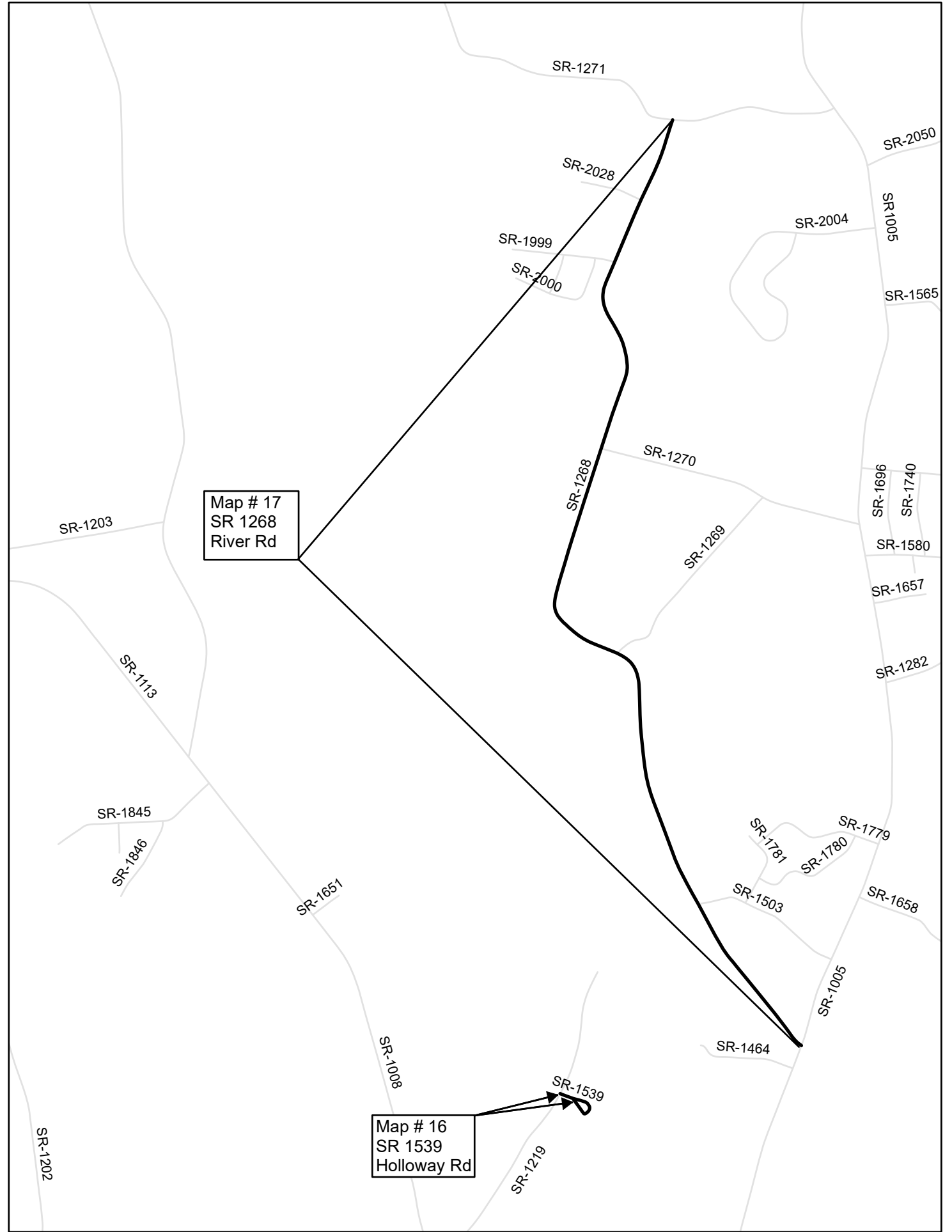
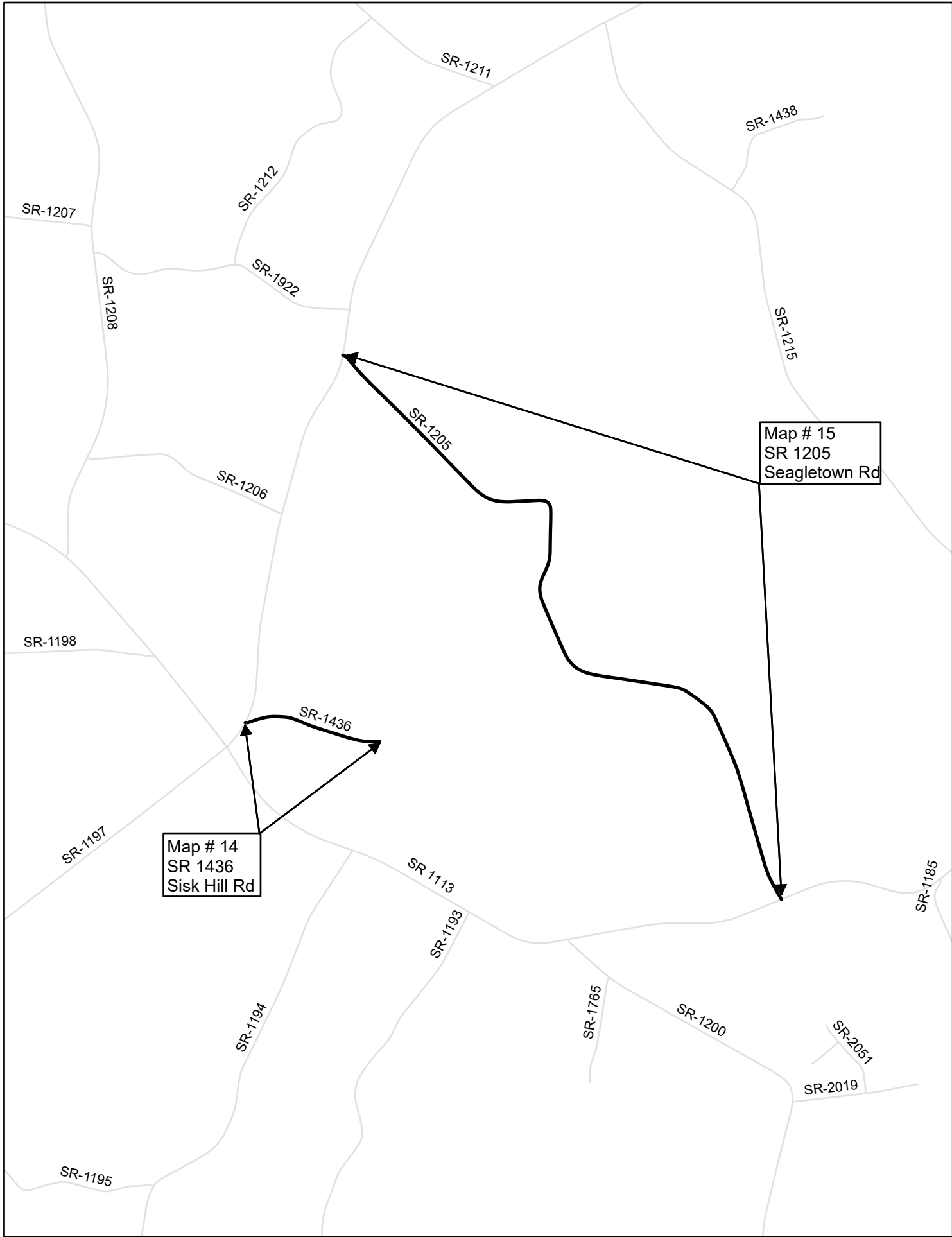
**This file or an individual page  
shall not be considered a certified document.**

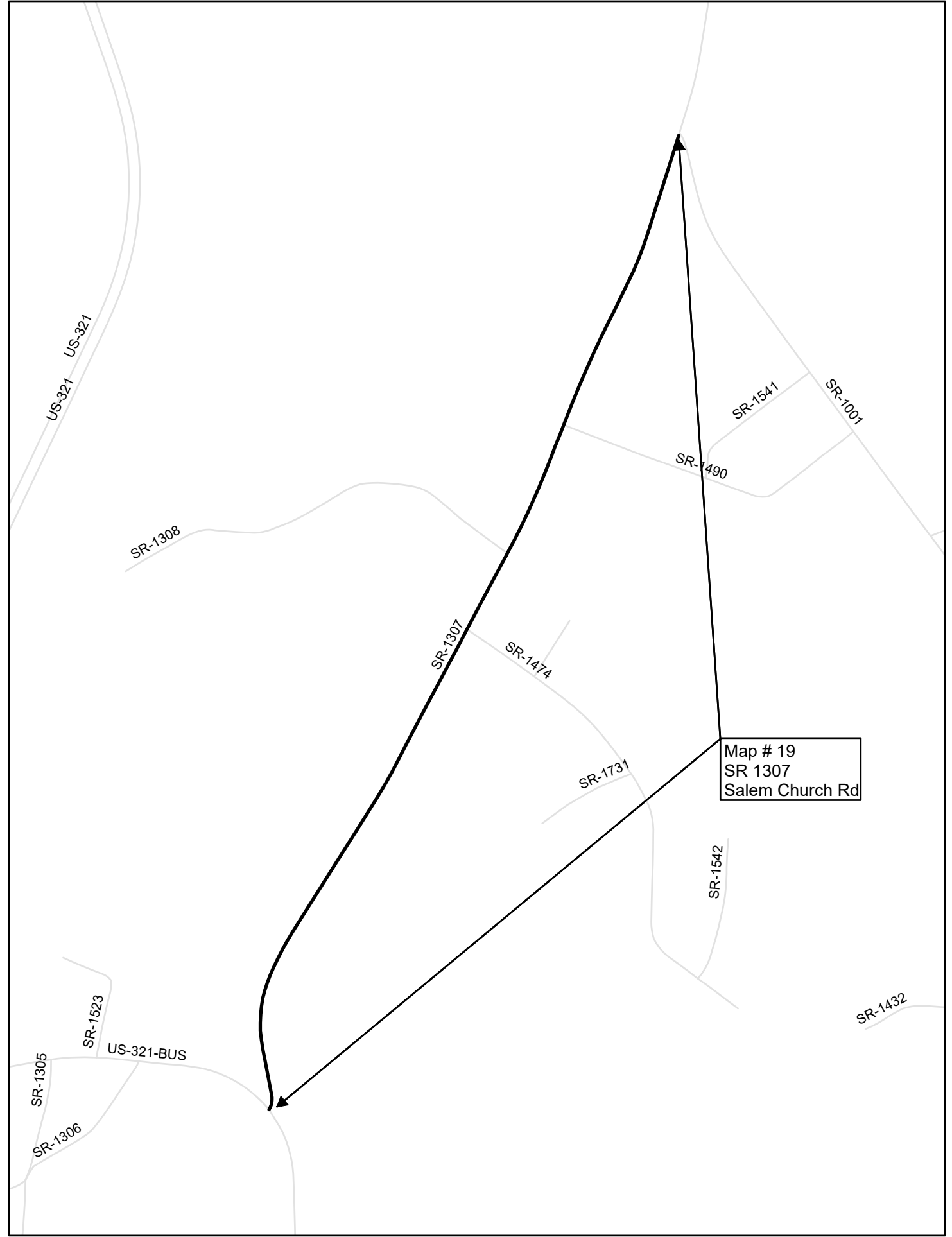
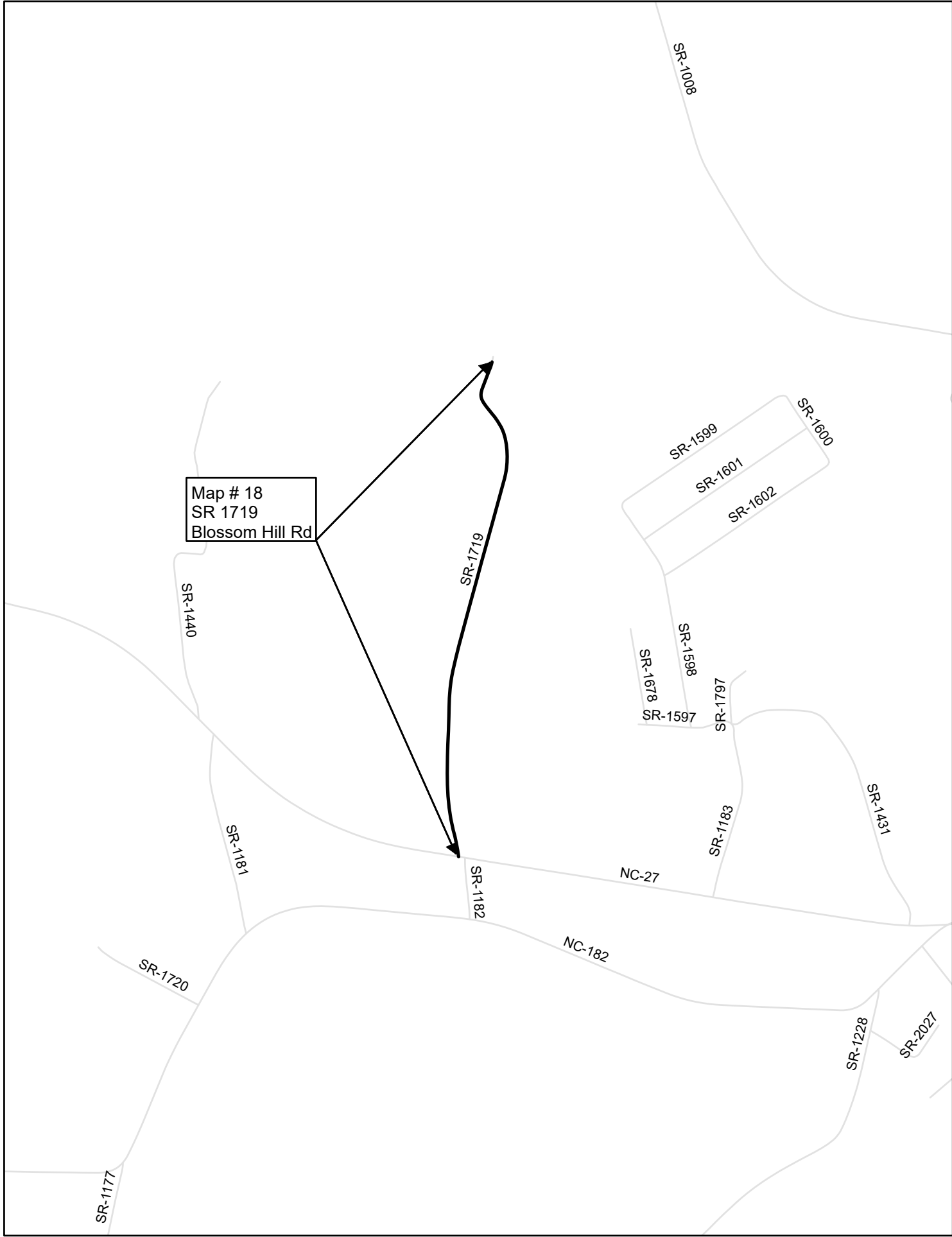


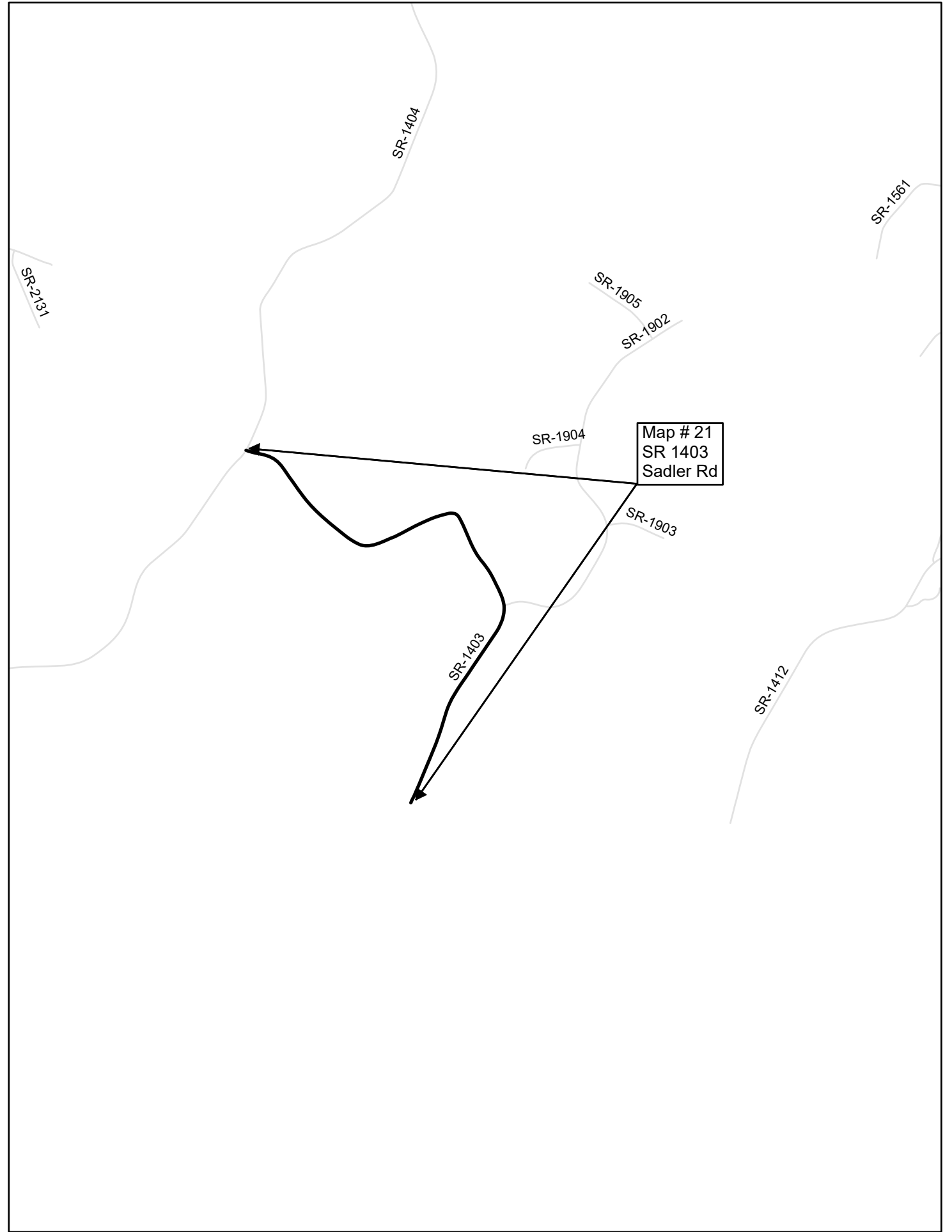
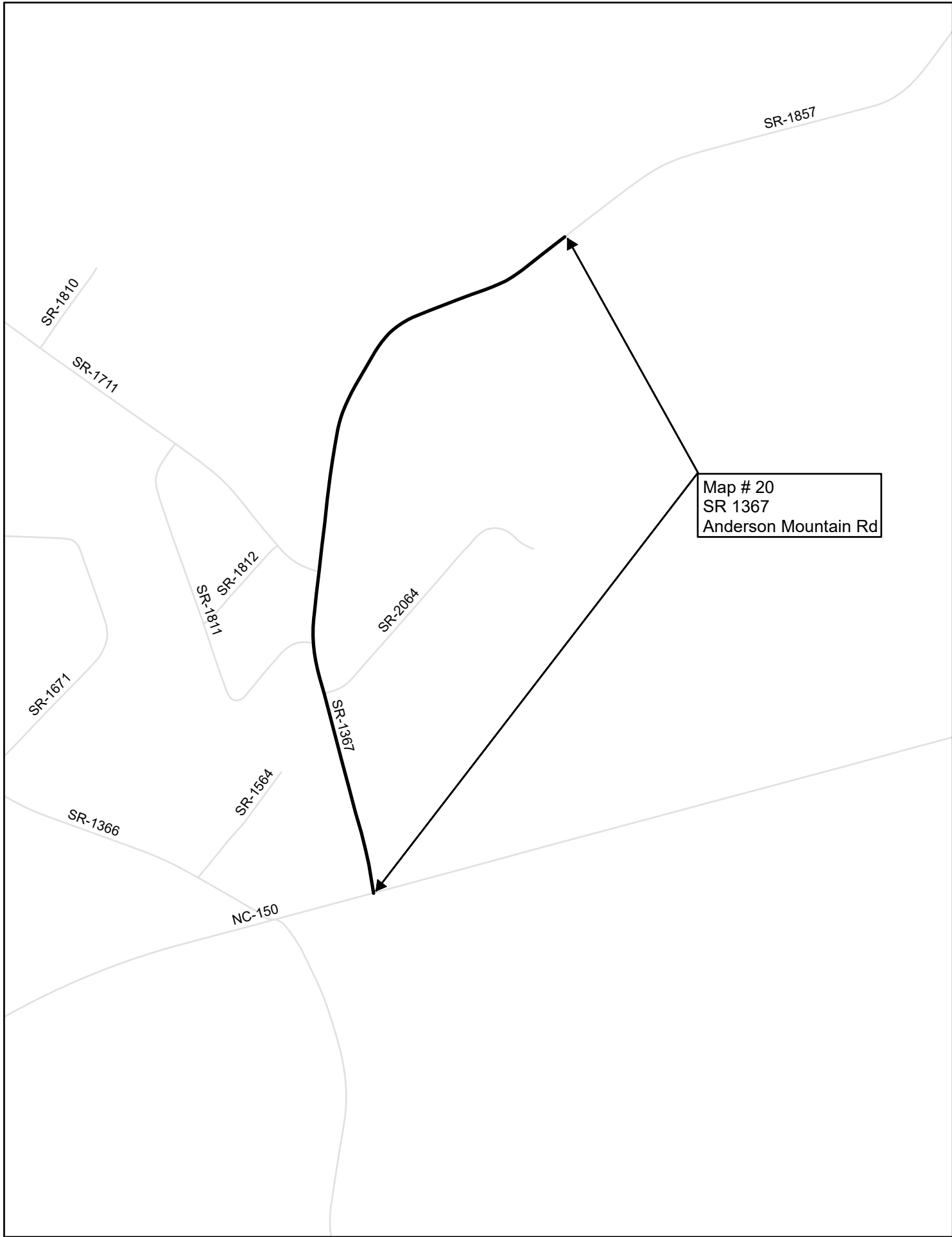










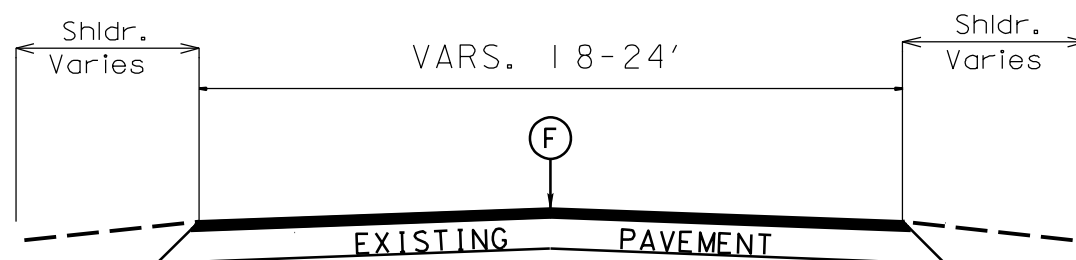




STATE	PROJECT WBS	SHEET NUMBER
NC	2024CPT.12.08.20182	9
	2024CPT.12.08.20552	

Checked by:

Drawn by: G. Griffith



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

2023-2024  
PAVEMENT PRESERVATION  
CATAWBA AND LINCOLN  
COUNTIES

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.12.08.20182,	10	12
2024CPT.12.08.20552		

### 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	1891000000-E	2143000000-E
												LATEX MOD MICROSURFACE, TYPE III	BLOTTING SAND
												SY	TON
2024CPT.12.08.20182	Catawba	1	SR-1706 / BOLICK RD	FROM SR 1006 (OXFORD SCHOOL RD) TO SR 1704 (RIVERBEND RD)	1	2	2WU	NO	NO	2.56	19	29,962	5.00
2024CPT.12.08.20182	Catawba	2	SR-1747 / CARPENTERS COVE RD	FROM SR 1706 (BOLICK RD) TO SR 1765 (RIDGE ST)	1	2	2WU	NO	NO	0.91	18	10,090	
2024CPT.12.08.20182	Catawba	3	SR-1759 / BANNER RD NE	FROM RAMP TO END PAVEMENT	1	2	2WU	NO	NO	0.37	18	4,103	
2024CPT.12.08.20182	Catawba	4	SR-1829 / RAYMONDS DR	FROM SR 1004 (HUDSON CHAPEL RD) TO CUL-DE-SAC	1	2	2WU	NO	NO	0.64	19	7,734	
2024CPT.12.08.20182	Catawba	5	SR-1734 / TRAVIS RD	FROM SR 1735 (MT OLIVE CH RD) TO SR 1732 EMMANUAL CH RD)	1	2	2WU	NO	NO	2.06	18	22,841	5.00
2024CPT.12.08.20182	Catawba	6	SR-1809 / LOVE RD	FROM SR 1810 (BALLS CREEK RD) TO SR 1807 (FOX DAIRY RD)	1	2	2WU	NO	NO	1.69	18	18,739	
2024CPT.12.08.20182	Catawba	7	SR-1875 / RAY DANNER RD	FROM SR 1874 (WATER PLANT RD) TO CUL-DE-SAC	1	2	2WU	NO	NO	0.6	20	7,392	
2024CPT.12.08.20182	Catawba	8	SR-1883 / PRISON CAMP RD	FROM US 321 BUS TO SR 1880 (ST JAMES CH RD)	1	2	2WU	NO	NO	1.28	20	16,220	
2024CPT.12.08.20182	Catawba	9	SR-1117 / YOUNG RD	FROM SR 1002 (OLD SHELBY RD) TO SR 1116 (PROVIDENCE CH RD)	1	2	2WU	NO	NO	1.26	20	15,523	
<b>TOTAL FOR PROJ NO. 2024CPT.12.08.20182</b>										<b>11.37</b>		<b>132,604</b>	<b>10.00</b>
2024CPT.12.08.20552	Lincoln	10	SR-1123 / ZUR LEONARD RD	FROM CATAWBA COUNTY TO SR 1002 (CAT SQUARE RD)	1	2	2WU	NO	NO	1.51	22	20,464	
2024CPT.12.08.20552	Lincoln	11	SR-1216 / WYANT RD	FROM SR 1197 (CANSLER RD) TO SR 1217 (HOOVER RD)	1	2	2WU	NO	NO	0.86	20	11,776	
2024CPT.12.08.20552	Lincoln	12	SR-1216 / WYANT RD	FROM SR 1217 (HOOVER RD) TO SR 1215 (JUNE BUG RD)	1	2	2WU	NO	NO	2.15	19	25,164	5.00
2024CPT.12.08.20552	Lincoln	13	SR-1217 / HOOVER RD	FROM SR 1216 (WYANT RD) TO SR 1008 (KILLIAN RD)	1	2	2WU	NO	NO	1.03	19	12,055	
2024CPT.12.08.20552	Lincoln	14	SR-1436 / SISK HILL RD	FROM SR 1197 (CANSLER RD) TO DEAD END	1	2	2WU	NO	NO	0.423	19	4,951	
2024CPT.12.08.20552	Lincoln	15	SR-1205 / SEAGLETOWN RD	FROM SR 1113 (REEPSVILLE RD) TO SR 1197 (CANSLER RD)	1	2	2WU	NO	NO	2.29	18	25,392	
2024CPT.12.08.20552	Lincoln	16	SR-1539 / HOLLOWAY RD	FROM SR 1219 (ANDY LOGAN RD) TO SR 1539 (HOLLOWAY RD)	1	2	2WU	NO	NO	0.18	19	2,107	
2024CPT.12.08.20552	Lincoln	17	SR-1268 / RIVER RD	FROM SR 1005 (STARTOWN RD) TO SR 1271 (RITCHIE RD)	1	2	2WU	NO	NO	3.08	19	36,048	5.00
2024CPT.12.08.20552	Lincoln	18	SR-1719 / BLOSSOM HILL RD	FROM NC 27 TO END MAINT	1	2	2WU	NO	NO	0.89	20	10,965	
2024CPT.12.08.20552	Lincoln	19	SR-1307 / SALEM CHURCH RD	FROM US 321 BUS TO SR 1001 (PHILADELPHIA CH RD)	1	2	2WU	NO	NO	1.26	24	18,628	
2024CPT.12.08.20552	Lincoln	20	SR-1367 / ANDERSON MOUNTAIN RD	FROM NC 150 TO CATAWBA COUNTY	1	2	2WU	NO	NO	0.78	20	9,610	
2024CPT.12.08.20552	Lincoln	21	SR-1403 / SADLER RD	FROM SR 1404 (MT ZION CH RD) TO GASTON COUNTY	1	2	2WU	NO	NO	1.37	20	16,878	
<b>TOTAL FOR PROJ NO. 2024CPT.12.08.20552</b>										<b>15.823</b>		<b>194,038</b>	<b>10.00</b>
<b>GRAND TOTAL</b>										<b>27.193</b>		<b>326,642</b>	<b>20.00</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.12.08.20182, 2024CPT.12.08.20552	11	12

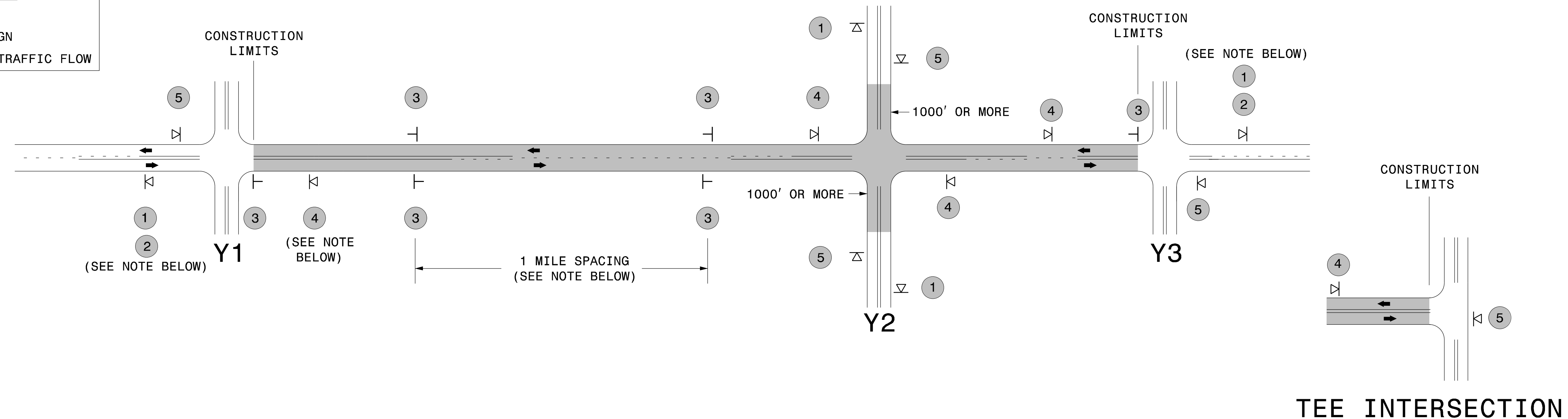
## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4687000000-E	4709000000-E	4720000000-E		4810000000-E		4850000000-E	4870000000-E	4875000000-N
												WORK ZONE ADVANCE \ GENERAL WARNING SIGNS	TEMP TRAFFIC CONTROL	4" X 240 M WHITE THERMO	24" x 90 M WHITE THERMO	THERMO MSG STOP 120 M	THERMO MSG AHEAD 120 M	4" WHITE PAINT	4" YELLOW PAINT	4" LINE REMOVAL	24" LINE REMOVAL	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
												SF	LS	LF	LF	EA	EA	LF	LF	LF	LF	EA
2024CPT.12.08.20182	Catawba	1	SR-1706 / BOLICK RD	FROM SR 1006 (OXFORD SCHOOL RD) TO SR 1704 (RIVERBEND RD)	1	2	2WU	2.56	19	0	2.56	176	*					53,900	53,900			
2024CPT.12.08.20182	Catawba	2	SR-1747 / CARPENTERS COVE RD	FROM SR 1406 (BOLICK RD) TO SR 1765 (RIDGE ST)	1	2	2WU	0.91	18	0	0.91	96	*					19,225	19,225			
2024CPT.12.08.20182	Catawba	3	SR-1759 / BANNER RD NE	FROM RAMP TO END PAVEMENT FROM SR 1004 (HUDSON CHAPEL RD) TO CUL-DE-SAC	1	2	2WU	0.37	18	0	0.37	54	*									
2024CPT.12.08.20182	Catawba	4	SR-1829 / RAYMONDS DR	FROM SR 1735 (MT OLIVE CH RD) TO SR 1732 EMMANUAL CH RD)	1	2	2WU	0.64	19	0	0.64	54	*									
2024CPT.12.08.20182	Catawba	5	SR-1734 / TRAVIS RD	FROM SR 1810 (BALLS CREEK RD) TO SR 1807 (FOX DAIRY RD)	1	2	2WU	1.69	18	0	1.69	96	*					43,550	43,550			
2024CPT.12.08.20182	Catawba	6	SR-1809 / LOVE RD	FROM SR 1874 (WATER PLANT RD) TO CUL-DE-SAC	1	2	2WU	0.6	20	0	0.6	54	*									
2024CPT.12.08.20182	Catawba	7	SR-1875 / RAY DANNER RD	FROM US 321 BUS TO SR 1880 (ST JAMES CH RD)	1	2	2WU	1.28	20	0	1.28	140	*					27,050	27,050			
2024CPT.12.08.20182	Catawba	8	SR-1883 / PRISON CAMP RD	FROM SR 1002 (OLD SHELBY RD) TO SR 1116 (PROVIDENCE CH RD)	1	2	2WU	1.26	20	0	1.26	96	*					26,650	26,650			
2024CPT.12.08.20182	Catawba	9	SR-1117 / YOUNG RD		1	2	2WU	1.26	20	0	1.26	96	*					26,650	26,650			
<b>TOTAL FOR PROJ NO. 2024CPT.12.08.20182</b>								<b>11.37</b>		<b>0</b>	<b>11.37</b>	<b>918</b>	<b>*</b>					<b>206,075</b>	<b>206,075</b>			
<b>412,150</b>																						
2024CPT.12.08.20552	Lincoln	10	SR-1123 / ZUR LEONARD RD	FROM CATAWBA COUNTY TO SR 1002 (CAT SQUARE RD)	1	2	2WU	1.51	22	0	1.51	152	*	220	18	4	5	31,900	31,900	220	18	9
2024CPT.12.08.20552	Lincoln	11	SR-1216 / WYANT RD	FROM SR 1197 (CANSLER RD) TO SR 1217 (HOOVER RD)	1	2	2WU	0.86	20	0	0.86	96	*					18,175	18,175			
2024CPT.12.08.20552	Lincoln	12	SR-1216 / WYANT RD	FROM SR 1217 (HOOVER RD) TO SR 1215 (JUNE BUG RD)	1	2		2.15	19	0.86	3.01	96	*					45,625	45,625			
2024CPT.12.08.20552	Lincoln	13	SR-1217 / HOOVER RD	FROM SR 1216 (WYANT RD) TO SR 1008 (KILLIAN RD)	1	2	2WU	1.03	19	0	1.03	96	*					21,760	21,760			
2024CPT.12.08.20552	Lincoln	14	SR-1436 / SISK HILL RD	FROM SR 1197 (CANSLER RD) TO DEAD END	1	2	2WU	0.423	19	0	0.423	54	*									
2024CPT.12.08.20552	Lincoln	15	SR-1205 / SEAGLETOWN RD	FROM SR 1113 (REEPSVILLE RD) TO SR 1197 (CANSLER RD)	1	2	2WU	2.29	18	0	2.29	140	*					48,375	48,375			
2024CPT.12.08.20552	Lincoln	16	SR-1539 / HOLLOWAY RD	FROM SR 1219 (ANDY LOGAN RD) TO SR 1539 (HOLLOWAY RD)	1	2	2WU	0.18	19	0	0.18	54	*									
2024CPT.12.08.20552	Lincoln	17	SR-1268 / RIVER RD	FROM SR 1005 (STARTOWN RD) TO SR 1271 (RITCHIE RD)	1	2	2WU	3.08	19	0	3.08	176	*					65,075	65,075			
2024CPT.12.08.20552	Lincoln	18	SR-1719 / BLOSSOM HILL RD	FROM NC 27 TO END MAINT	1	2	2WU	0.89	20	0	0.89	54	*					18,800	18,800			
2024CPT.12.08.20552	Lincoln	19	SR-1307 / SALEM CHURCH RD	FROM US 321 BUS TO SR 1001 (PHILADELPHIA CH RD)	1	2	2WU	1.26	24	0	1.26	152	*					26,625	26,625			
2024CPT.12.08.20552	Lincoln	20	SR-1367 / ANDERSON MOUNTAIN RD	FROM NC 150 TO CATAWBA COUNTY	1	2	2WU	0.78	20	0	0.78	96	*					16,500	16,500			
2024CPT.12.08.20552	Lincoln	21	SR-1403 / SADLER RD	FROM SR 1404 (MT ZION CH RD) TO GASTON COUNTY	1	2	2WU	1.37	20	0	1.37	96	*					28,950	28,950			
<b>TOTAL FOR PROJ NO. 2024CPT.12.08.20552</b>								<b>15.823</b>		<b>0.86</b>	<b>16.683</b>	<b>1262</b>	<b>*</b>	<b>220</b>	<b>18</b>	<b>4</b>	<b>5</b>	<b>321,785</b>	<b>321,785</b>	<b>220</b>	<b>18</b>	<b>9</b>
<b>643,570</b>																						
<b>GRAND TOTAL</b>								<b>27.193</b>		<b>0.86</b>	<b>28.053</b>	<b>2180</b>	<b>1.000</b>	<b>220</b>	<b>18</b>	<b>4</b>	<b>5</b>	<b>527,860</b>	<b>527,860</b>	<b>220</b>	<b>18</b>	<b>9</b>
<b>1,055,720</b>																						

## SIGNING FOR ASPHALT SURFACE TREATMENT

**LEGEND**

⏏ PORTABLE SIGN  
 ┤ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 	<ul style="list-style-type: none"> <li>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</li> <li>- 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.</li> </ul>	<p><b>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</b></p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <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; align-items: center;"> <div style="text-align: center;">   <small>W20-1 48" X 48"</small>            PLACED 500' IN ADVANCE OF FLAGGER.         </div> <div style="text-align: center;">   <small>W20-7 A 48" X 48"</small>            PLACED 250' IN ADVANCE OF FLAGGER.         </div> </div>
	3	 	<ul style="list-style-type: none"> <li>- ALTERNATE THE FOLLOWING TWO SIGNS:</li> <li>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</li> <li>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</li> <li>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</li> </ul>	
	4		<ul style="list-style-type: none"> <li>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</li> <li>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</li> <li>- 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.</li> <li>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</li> </ul>	
	5		<ul style="list-style-type: none"> <li>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</li> </ul>	
	<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:kdais