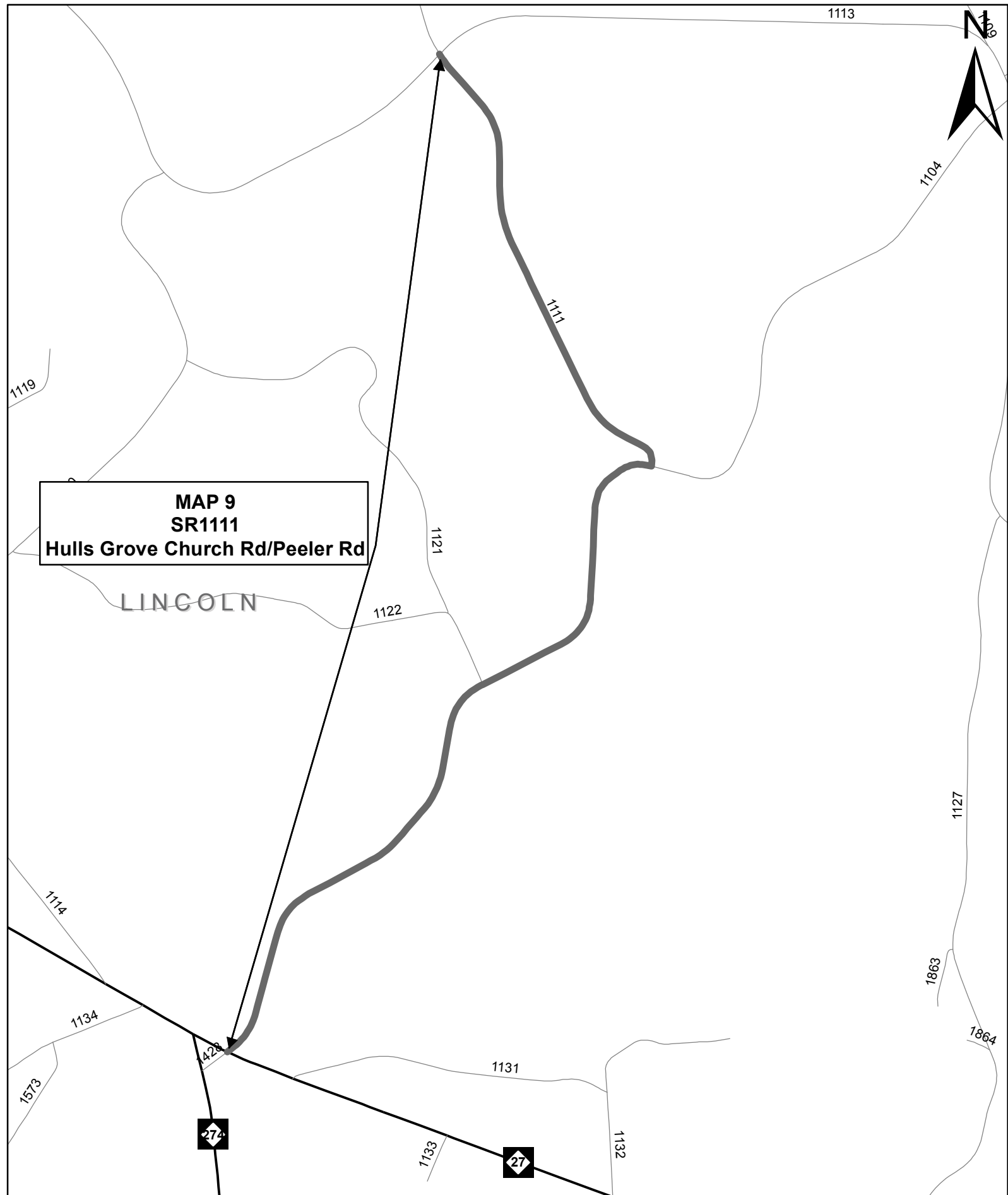
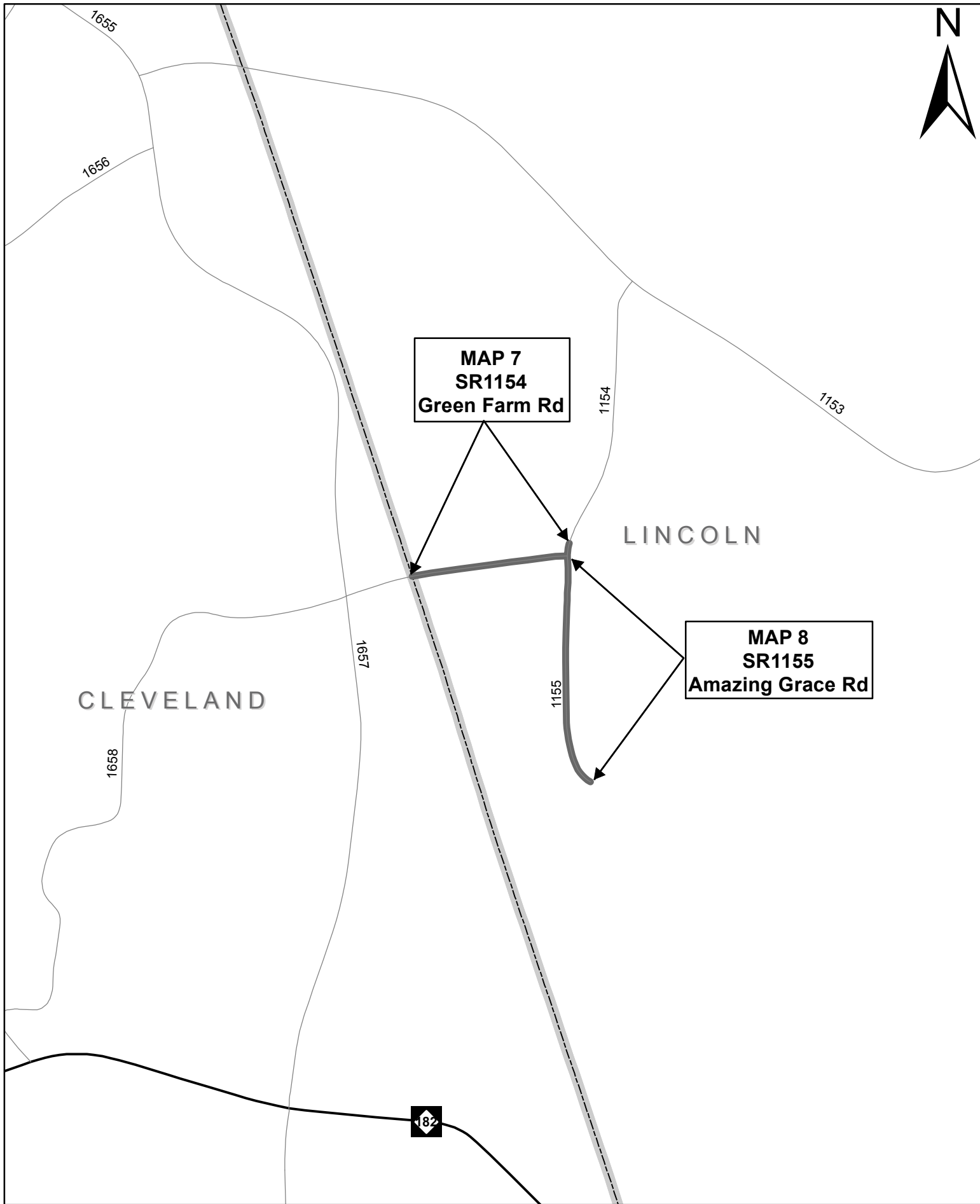


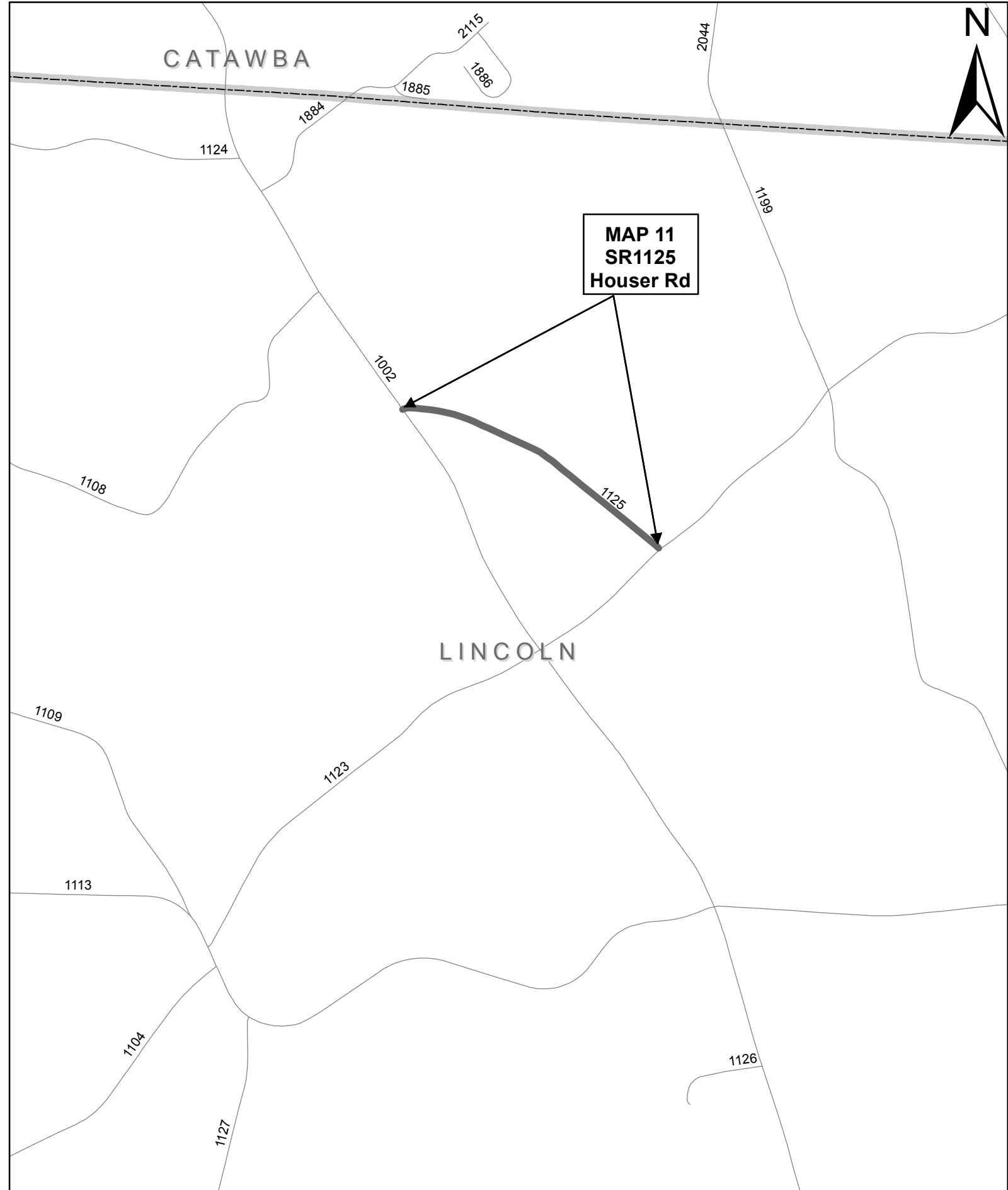
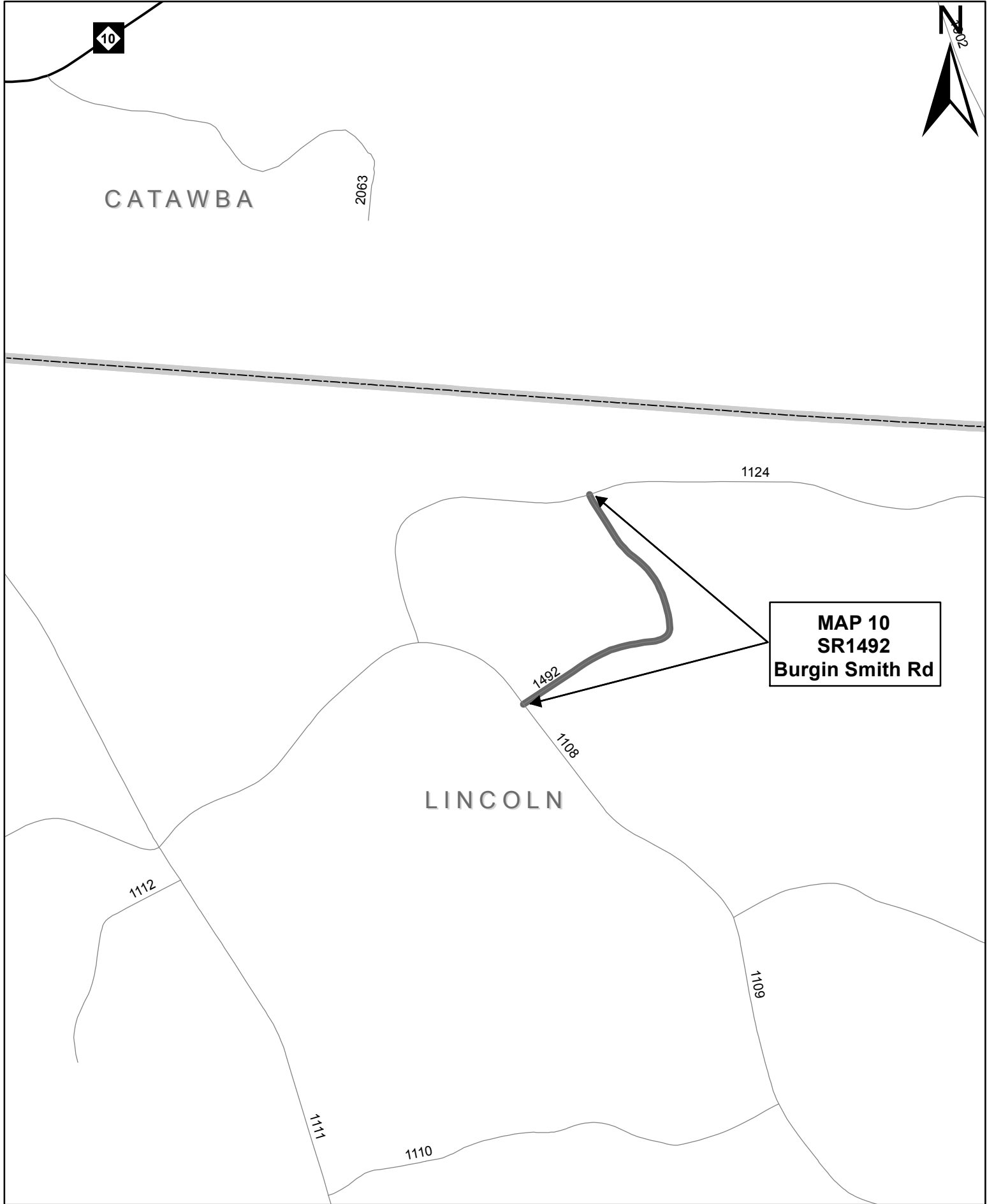
**This electronic collection of documents is provided  
for the convenience of the user  
and is Not a Certified Document –**

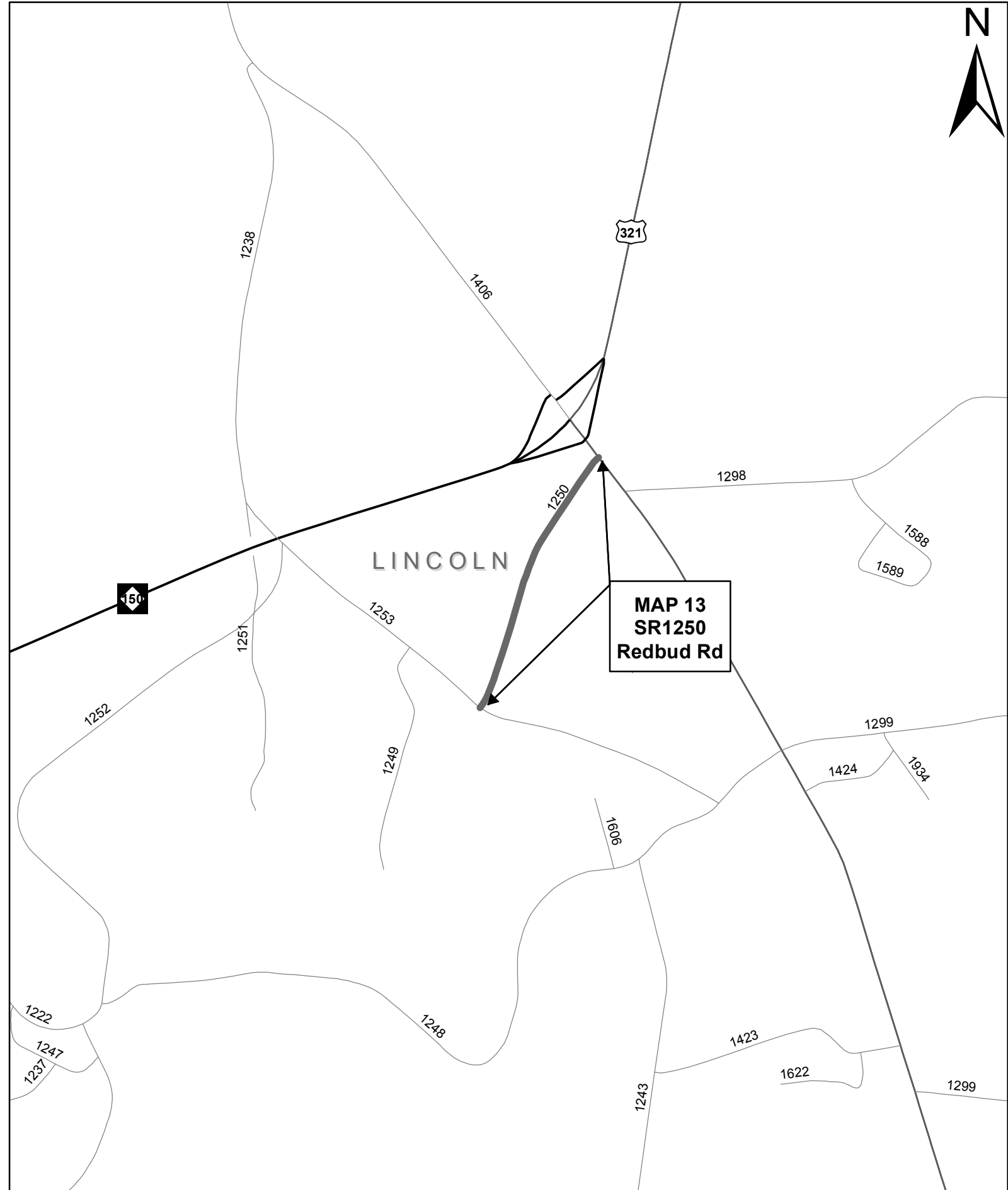
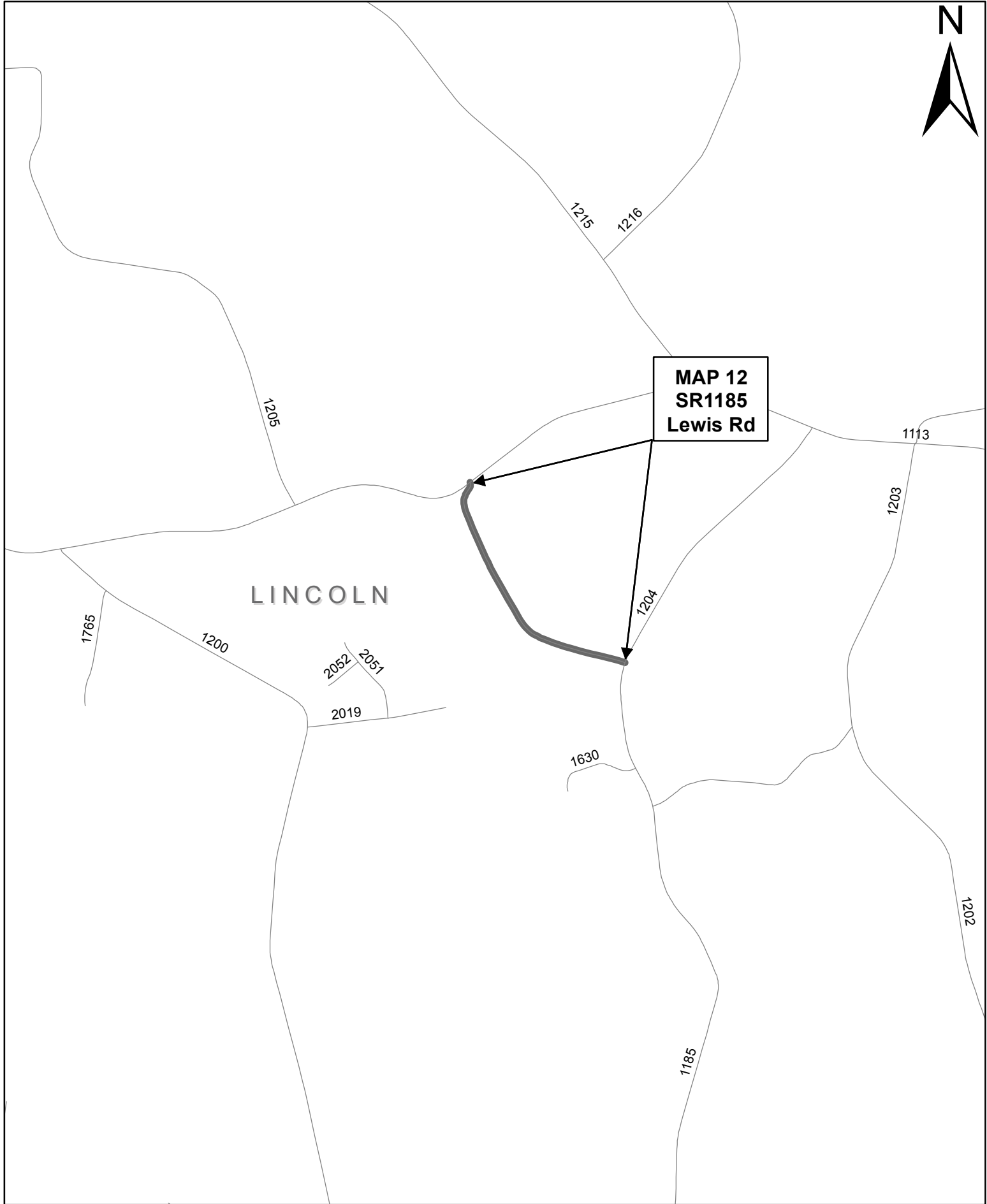
**The documents contained herein were originally issued  
and sealed by the individuals whose names and license  
numbers appear on each page, on the dates appearing  
with their signature on that page.**

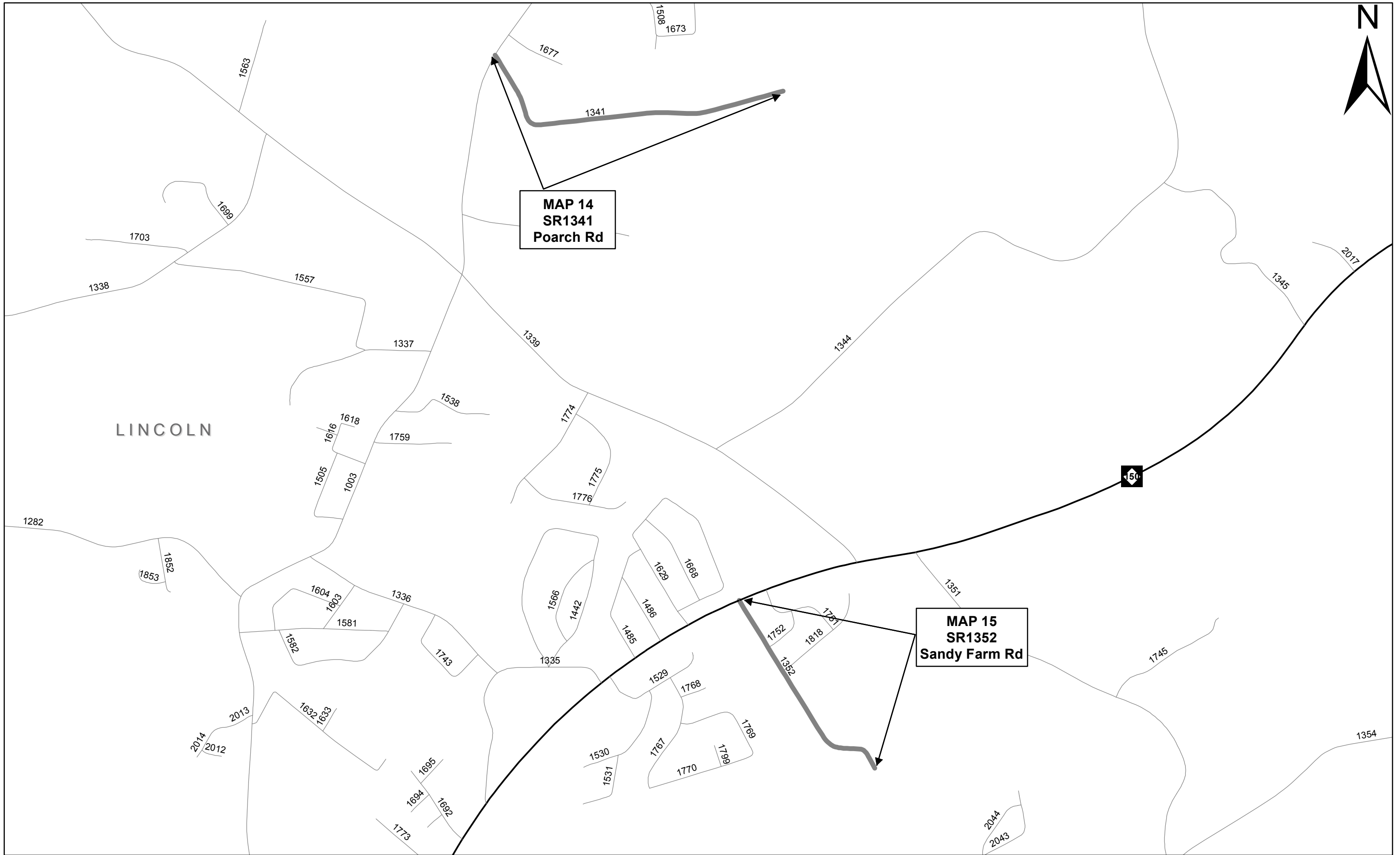
**This file or an individual page  
shall not be considered a certified document.**







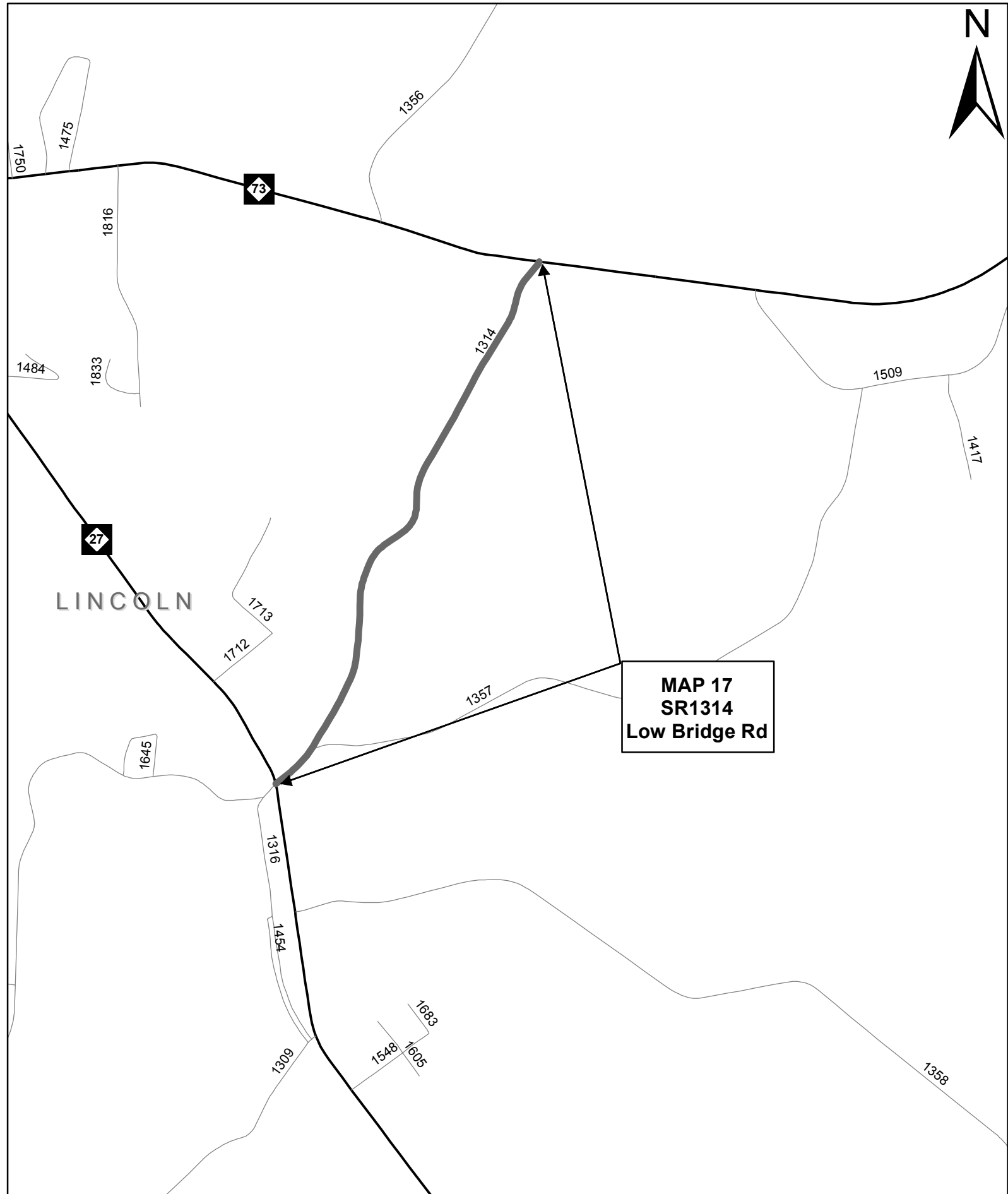
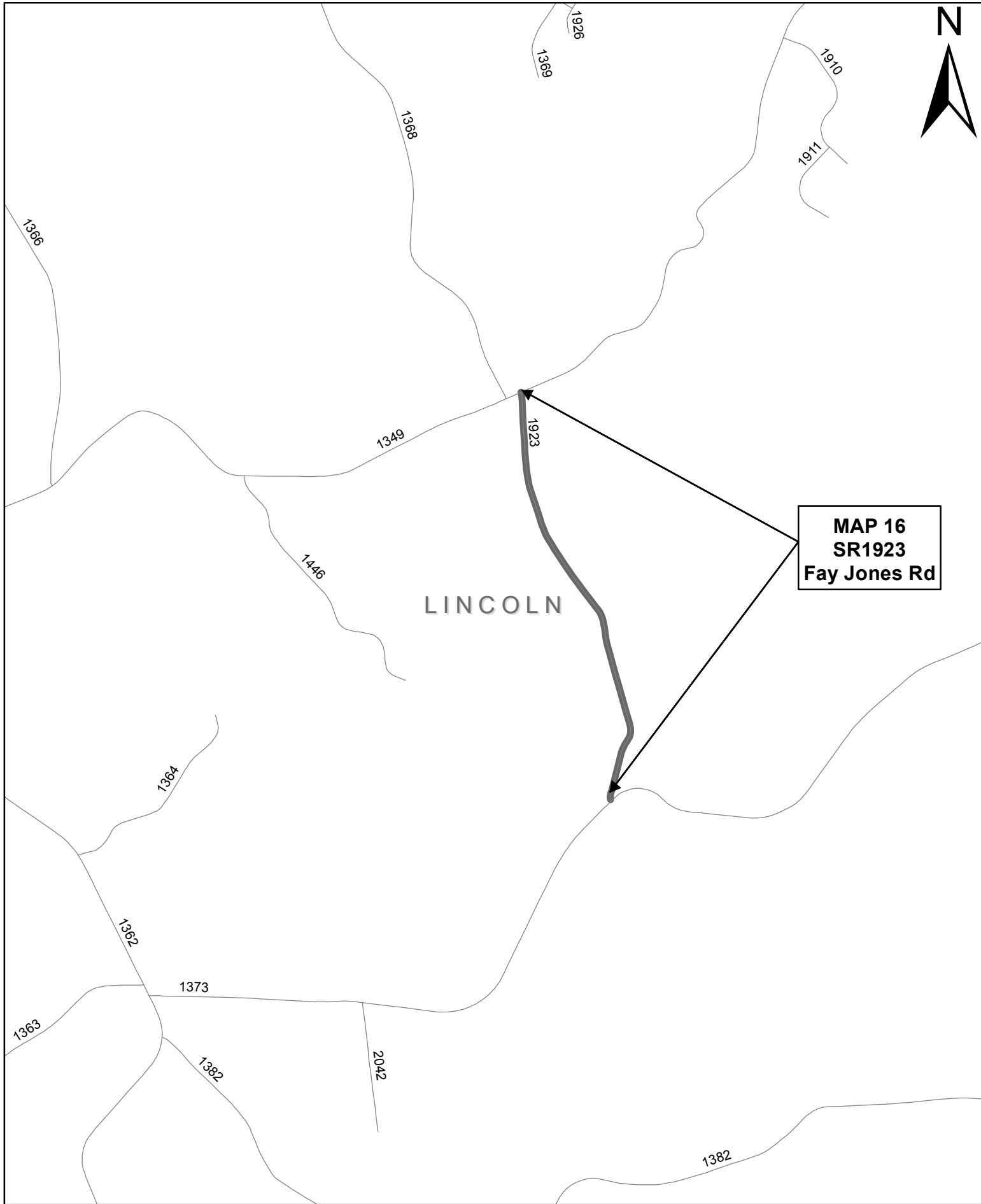


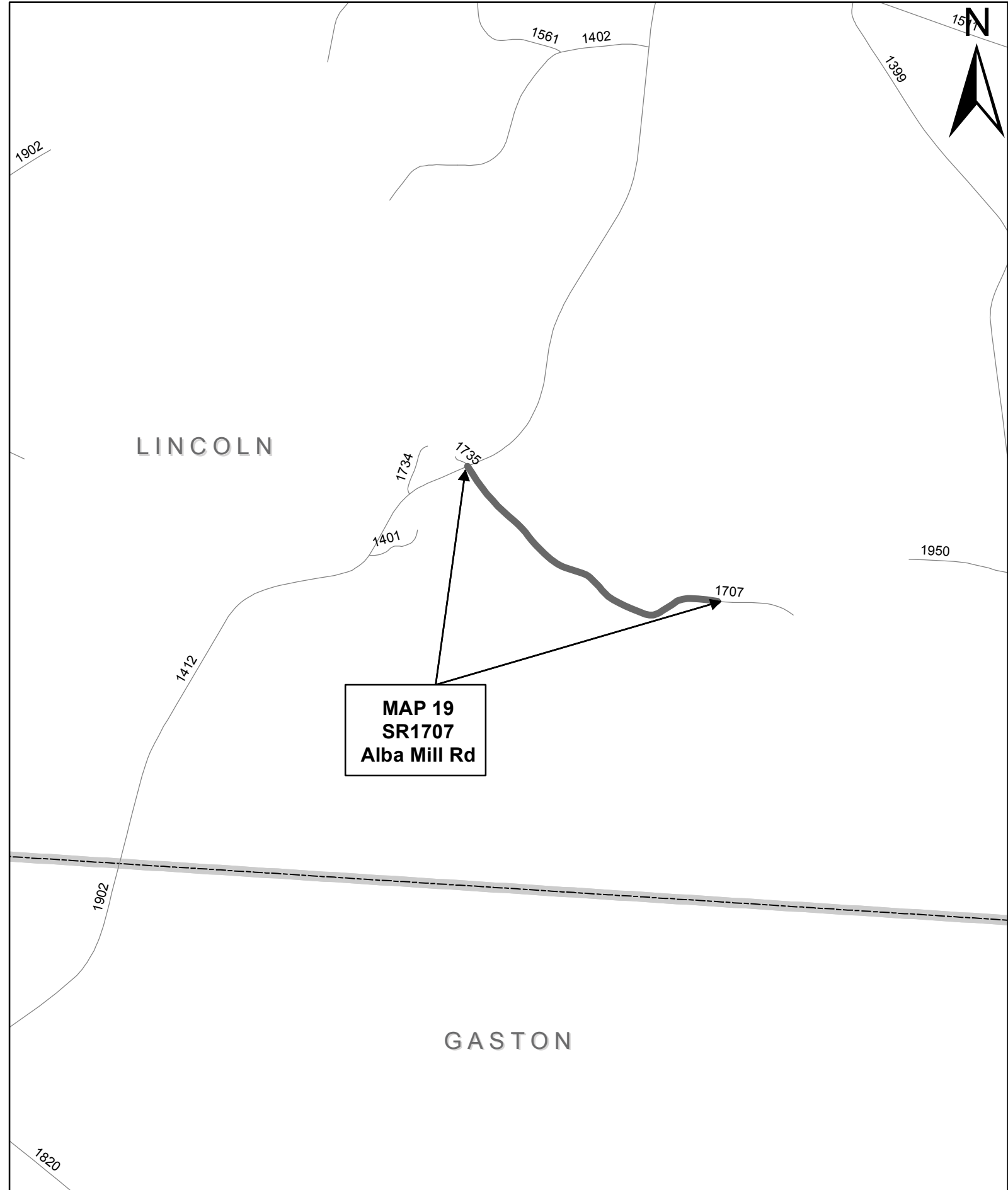
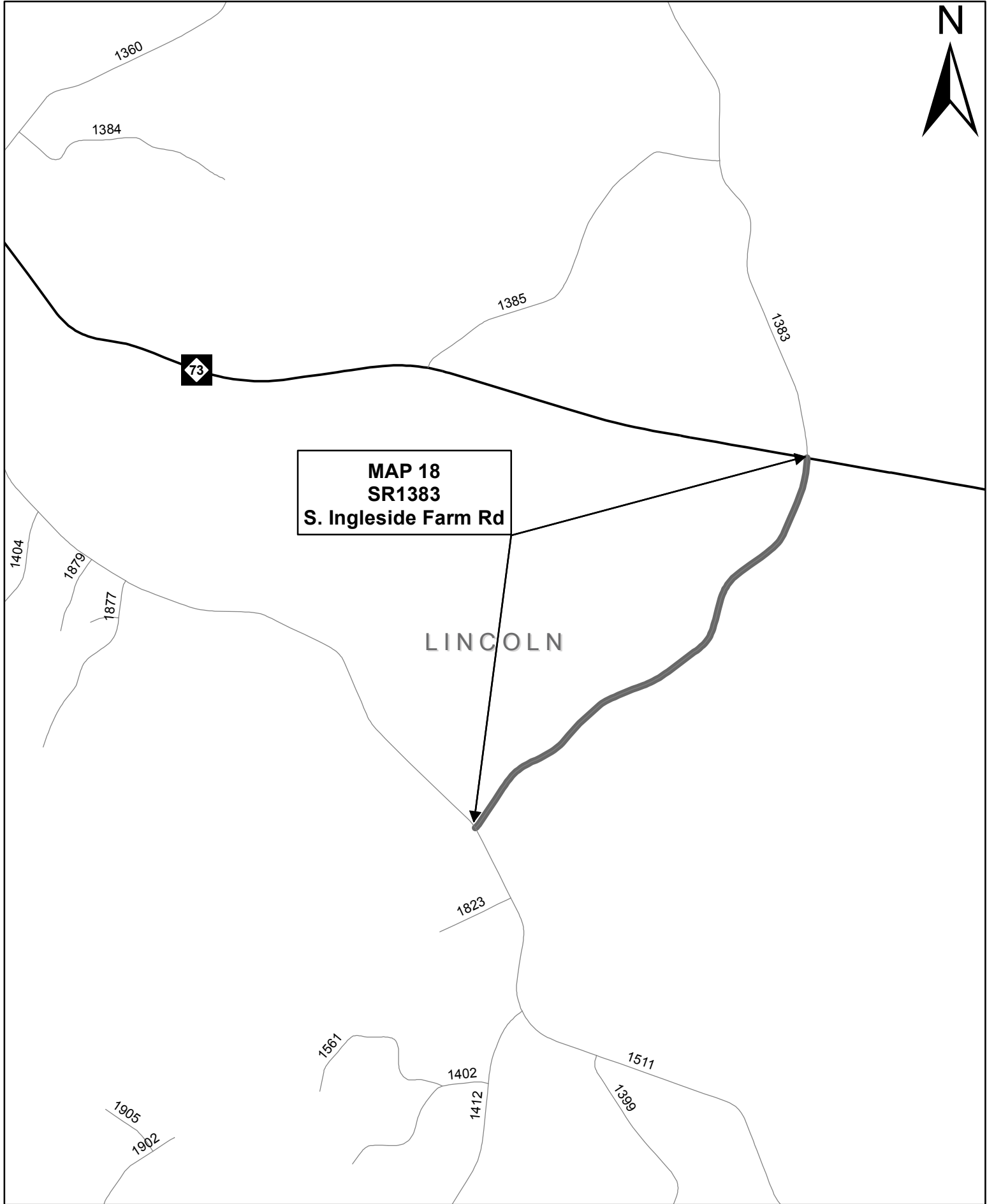


**MAP 14  
SR1341  
Poarch Rd**

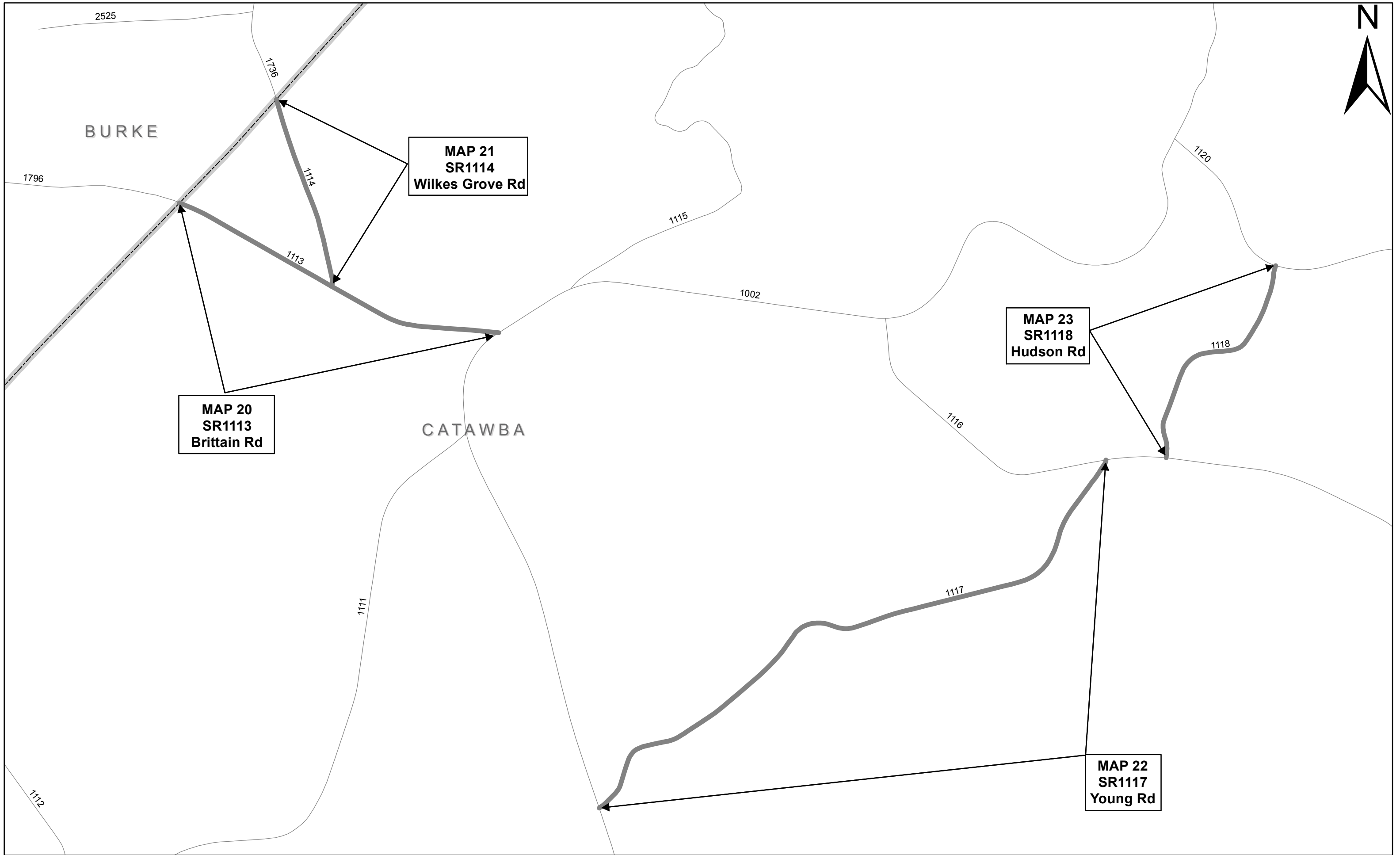
**MAP 15  
SR1352  
Sandy Farm Rd**

LINCOLN









BURKE

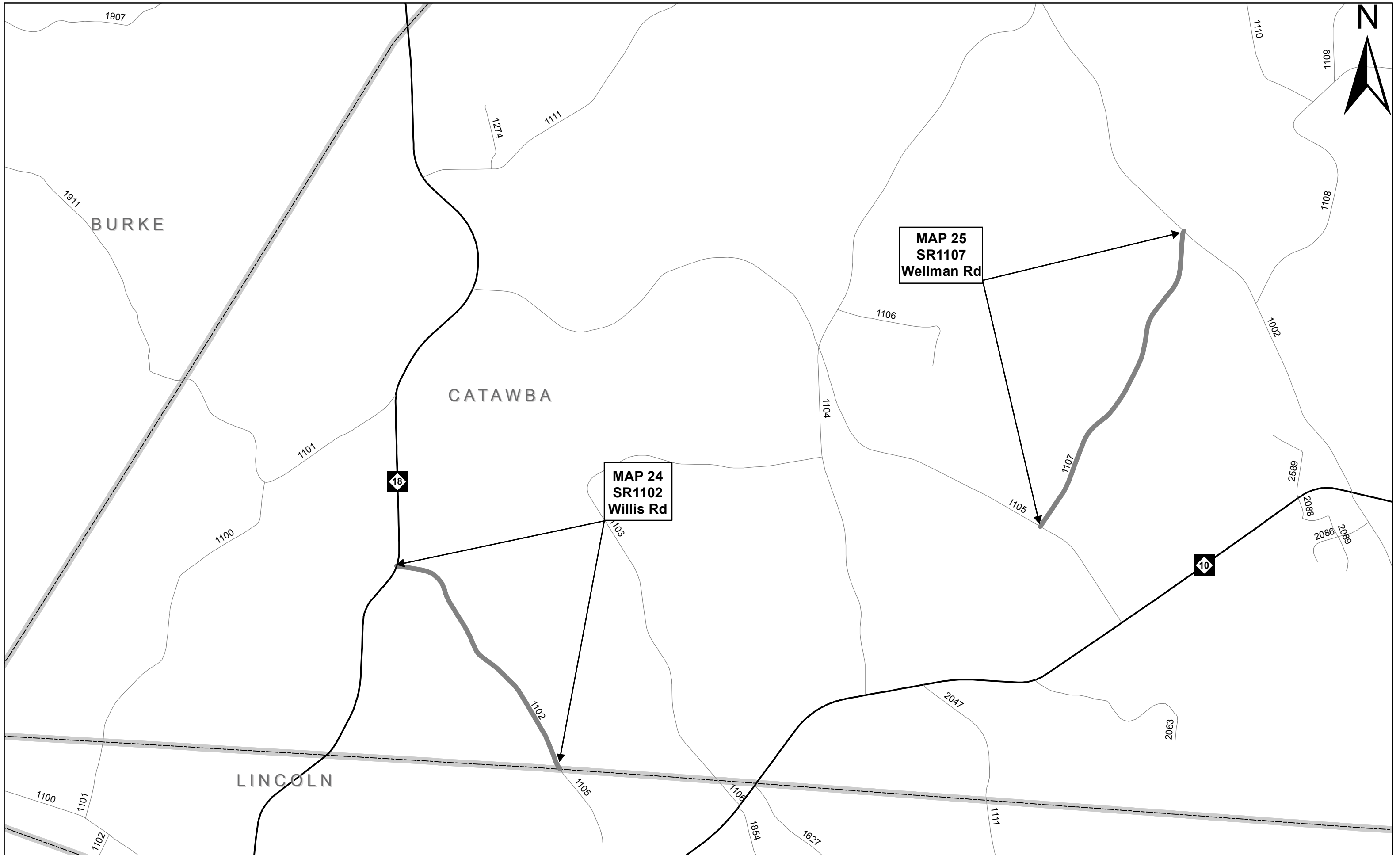
CATAWBA

**MAP 21**  
**SR1114**  
**Wilkes Grove Rd**

**MAP 20**  
**SR1113**  
**Brittain Rd**

**MAP 23**  
**SR1118**  
**Hudson Rd**

**MAP 22**  
**SR1117**  
**Young Rd**



BURKE

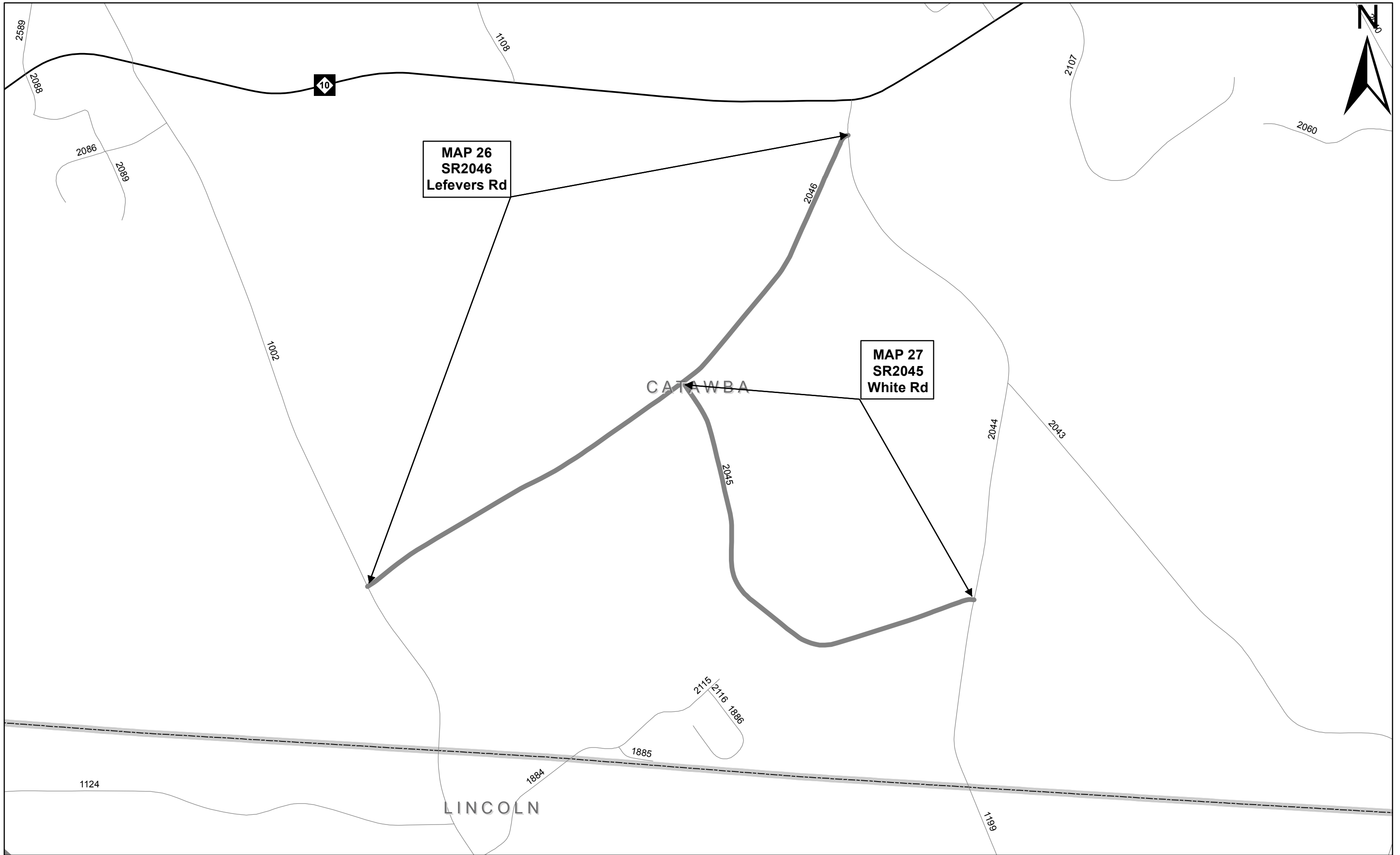
CATAWBA

LINCOLN

MAP 25  
SR1107  
Wellman Rd

MAP 24  
SR1102  
Willis Rd



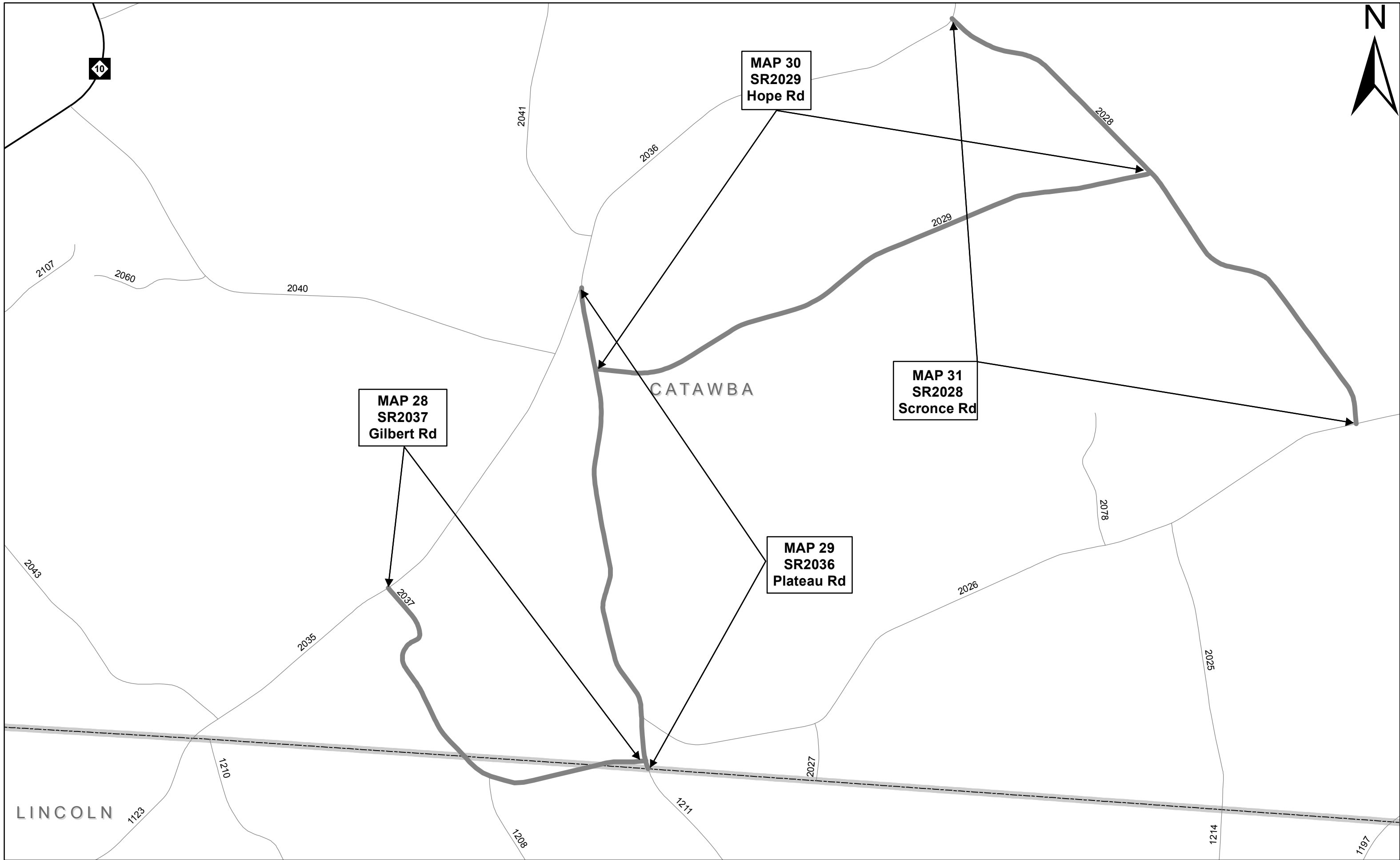


**MAP 26**  
**SR2046**  
**Lefevers Rd**

**MAP 27**  
**SR2045**  
**White Rd**

CATAWBA

LINCOLN



**MAP 28**  
**SR2037**  
**Gilbert Rd**

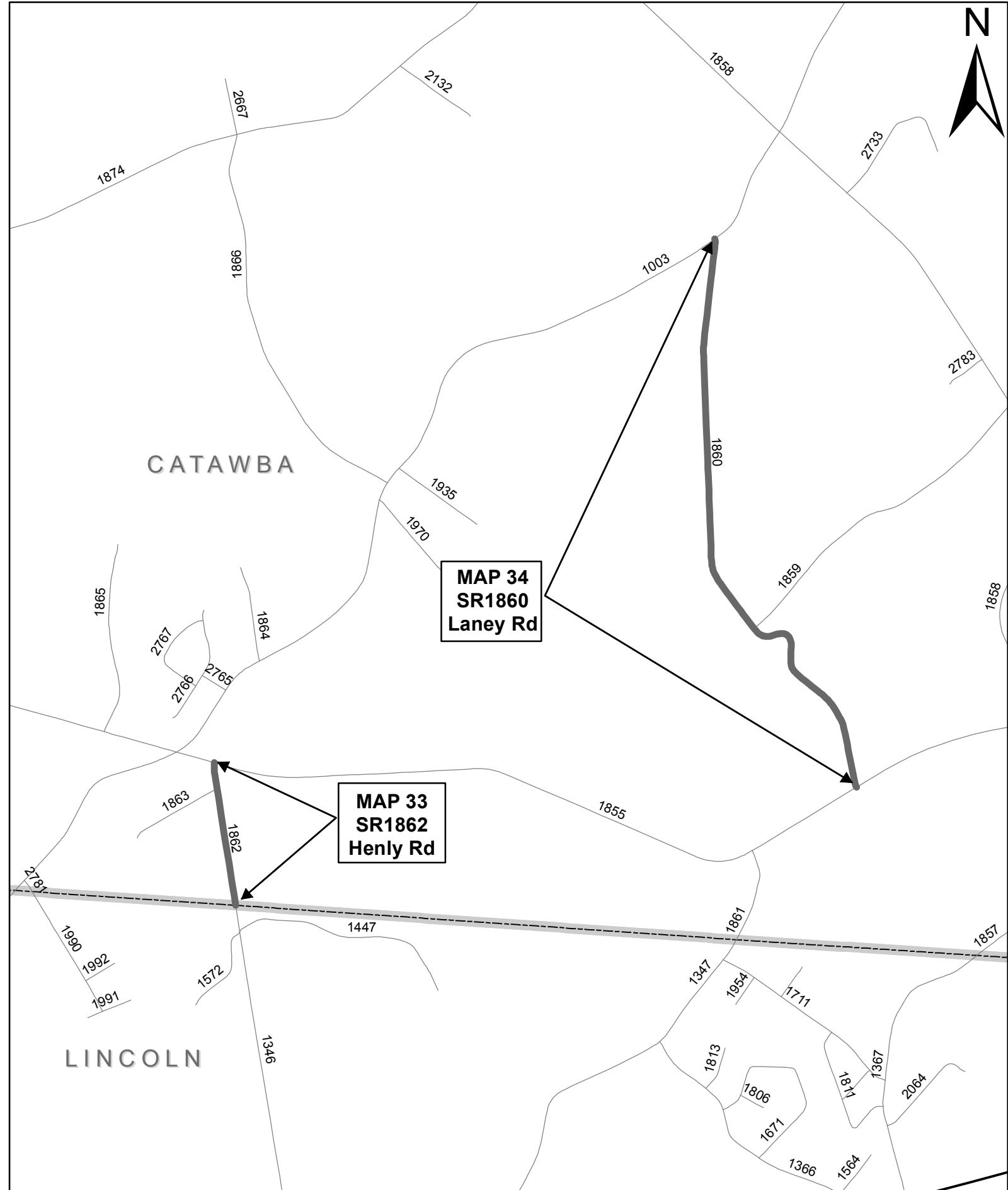
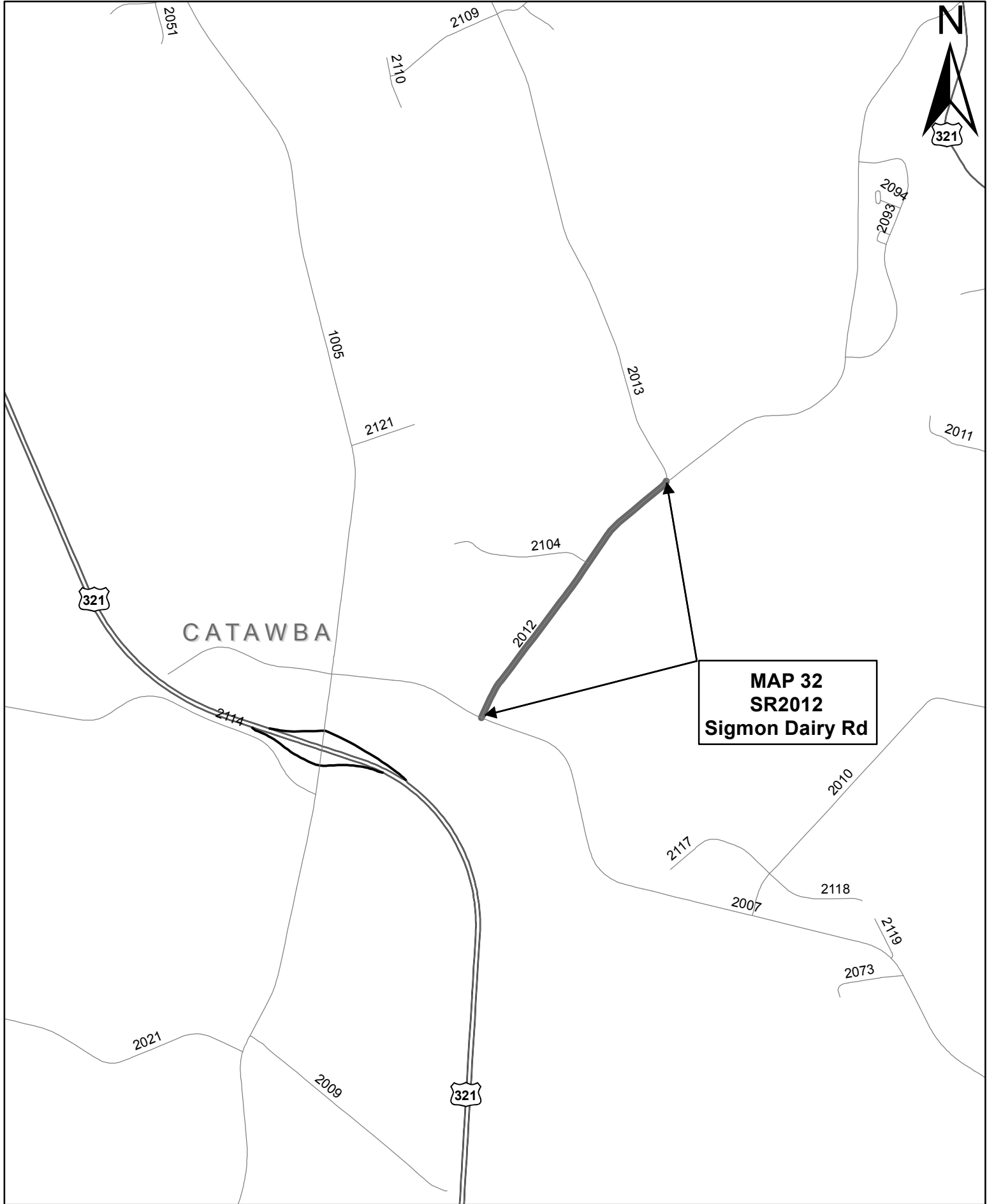
**MAP 30**  
**SR2029**  
**Hope Rd**

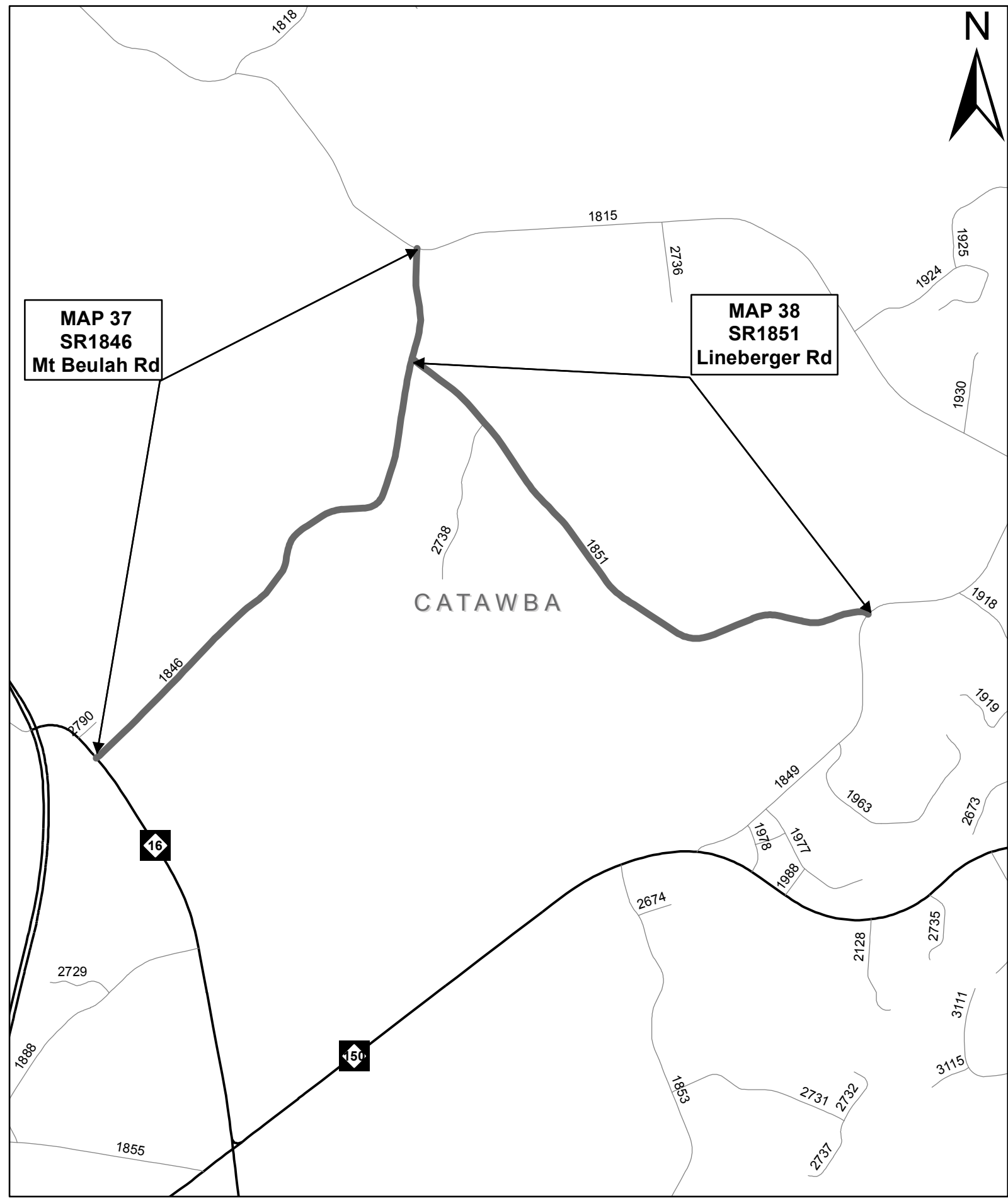
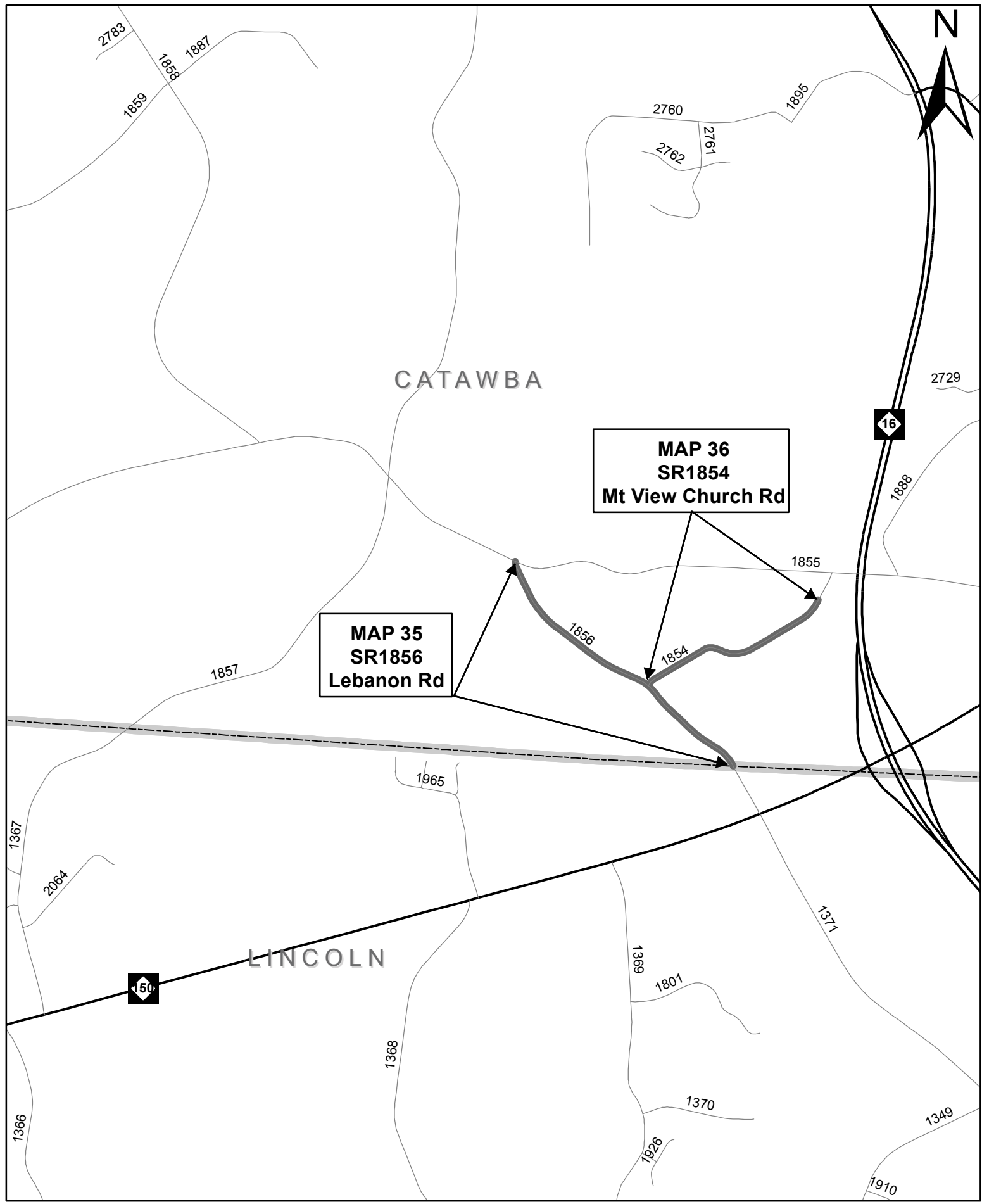
**MAP 31**  
**SR2028**  
**Scronce Rd**

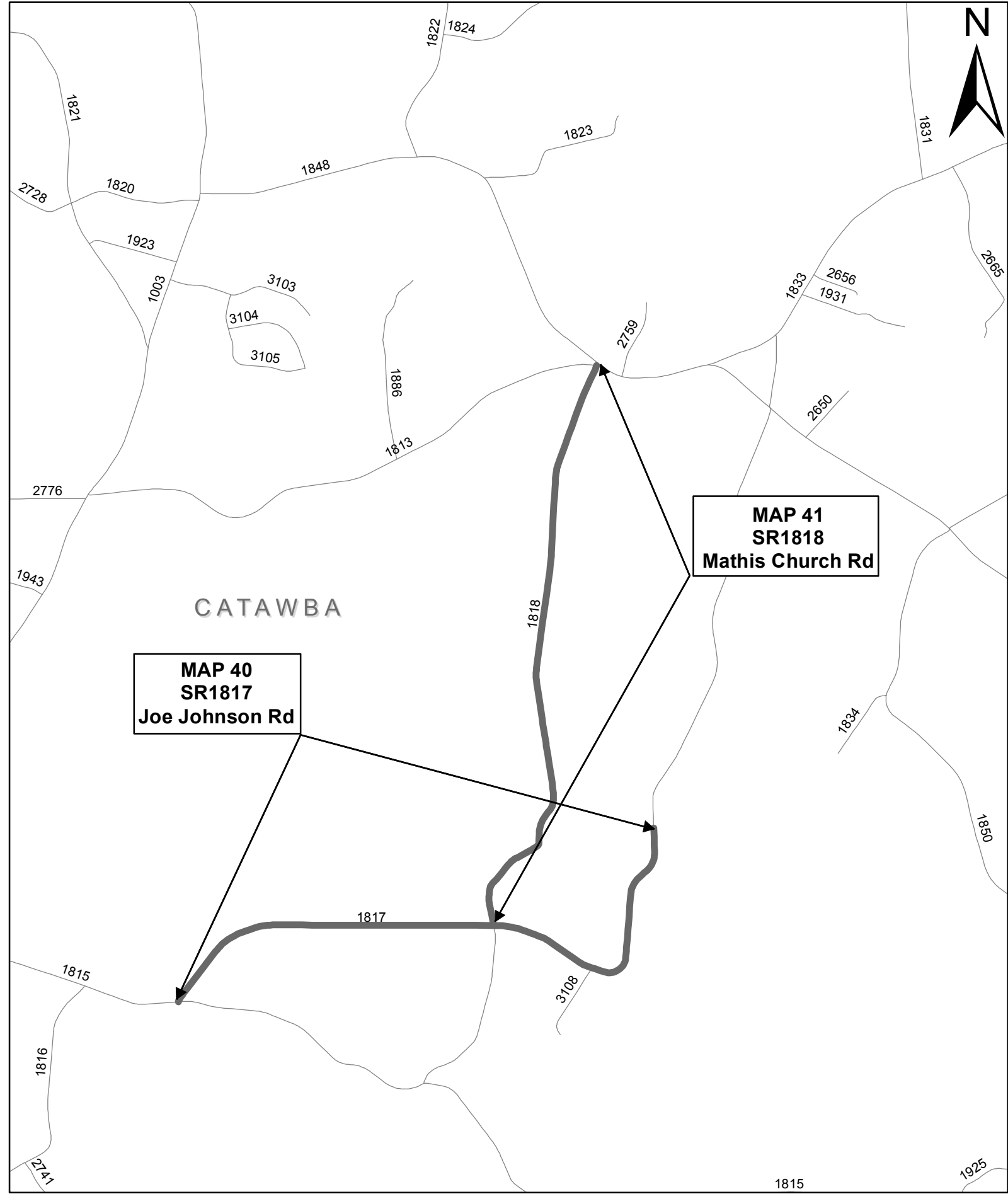
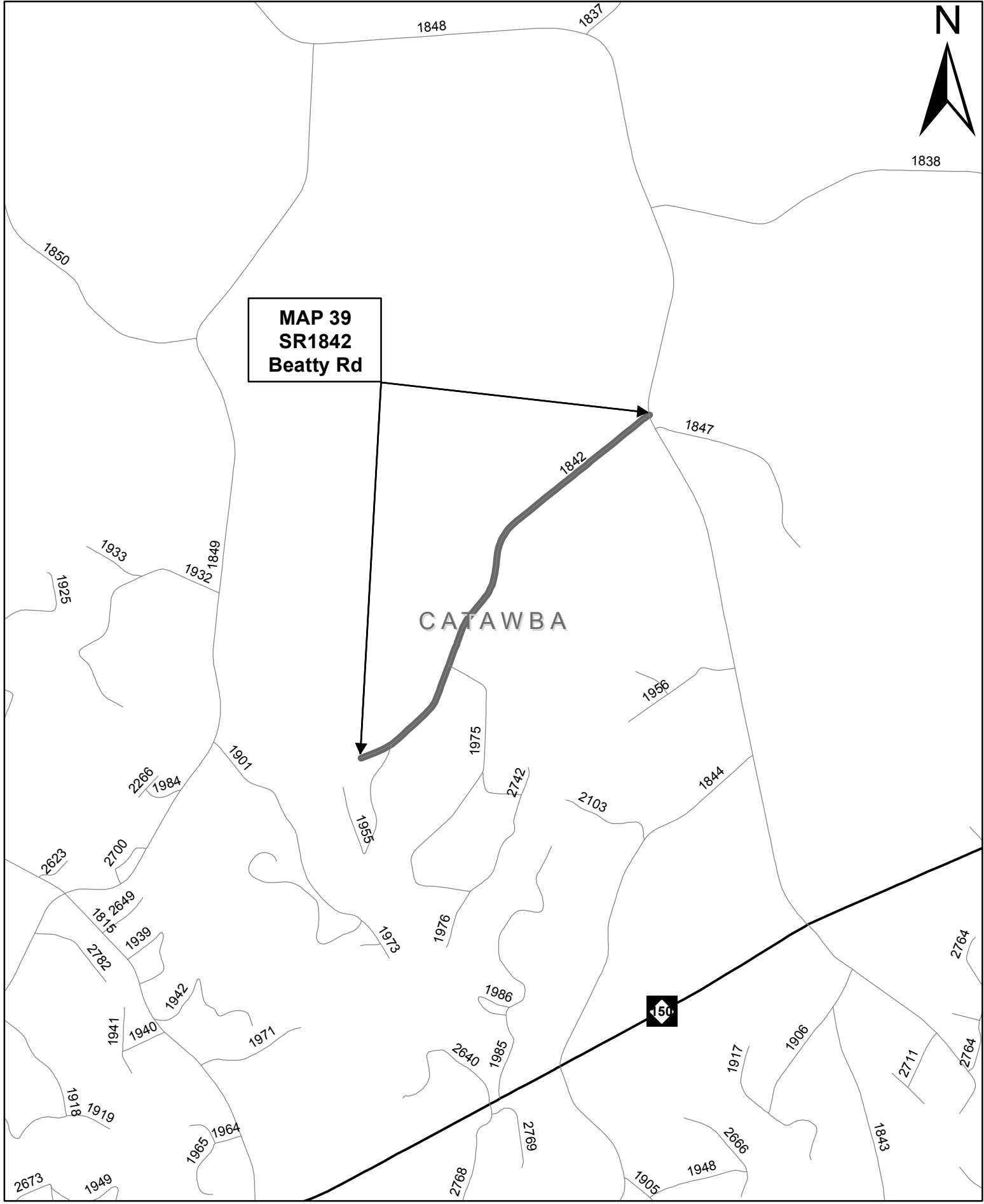
**MAP 29**  
**SR2036**  
**Plateau Rd**

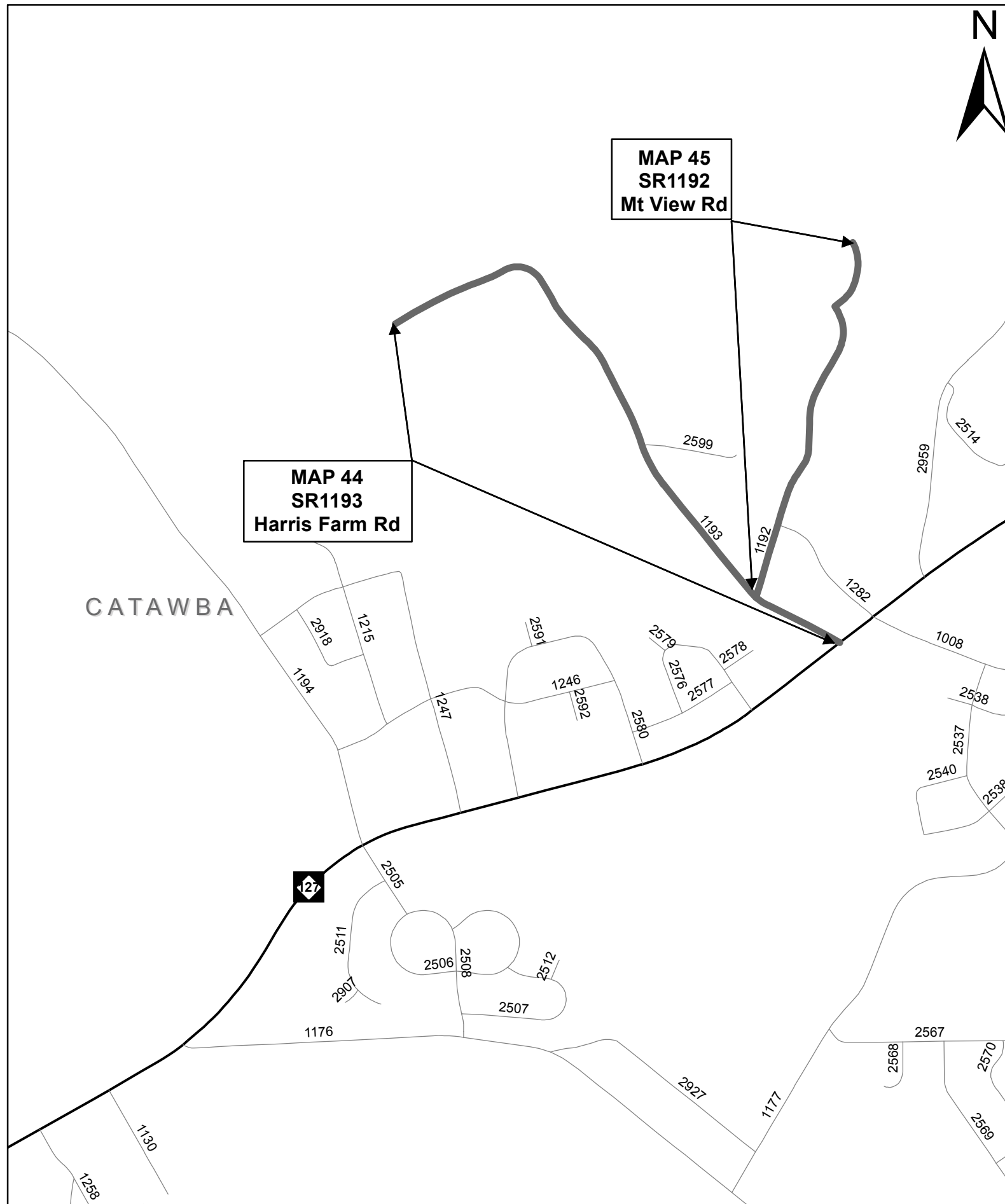
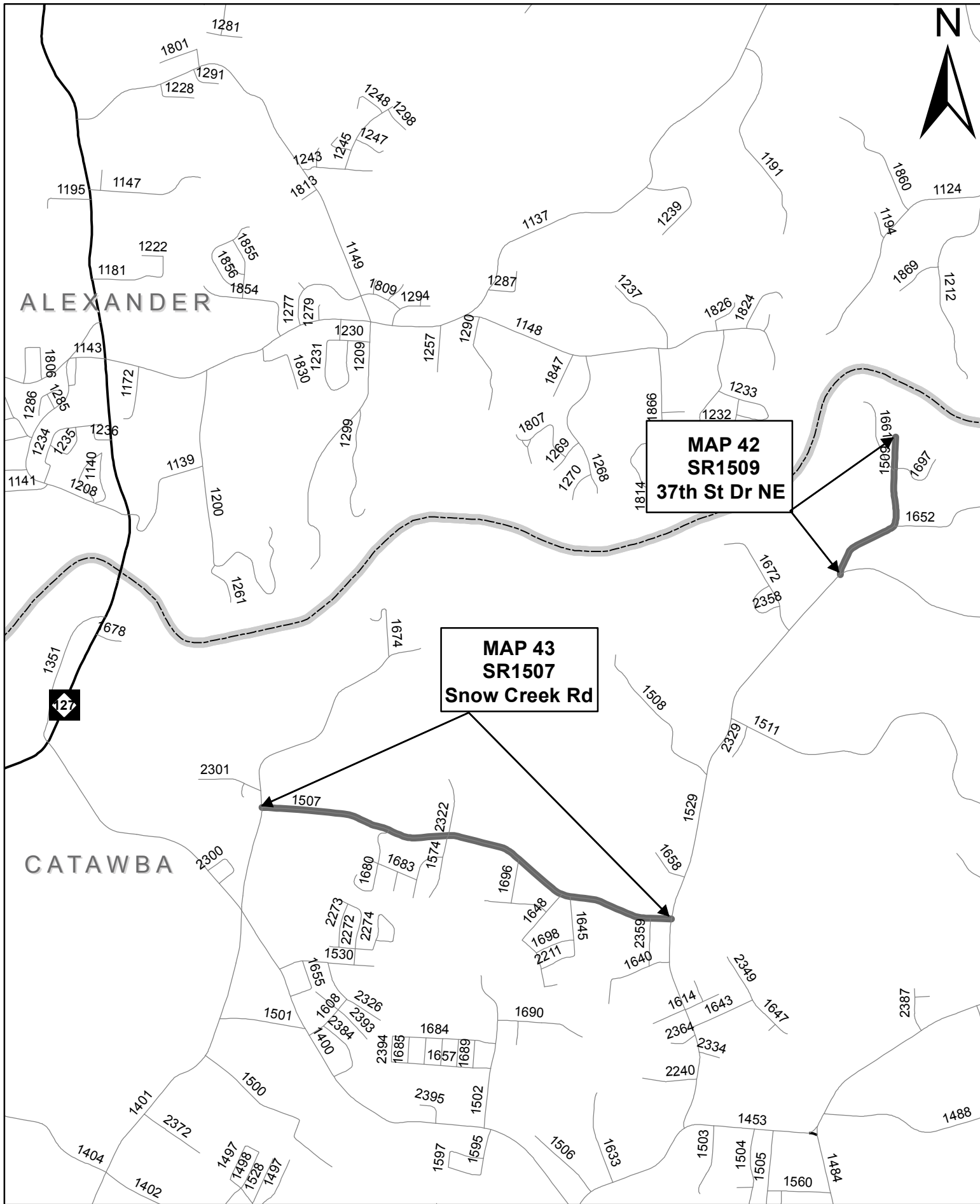
LINCOLN

CATAWBA







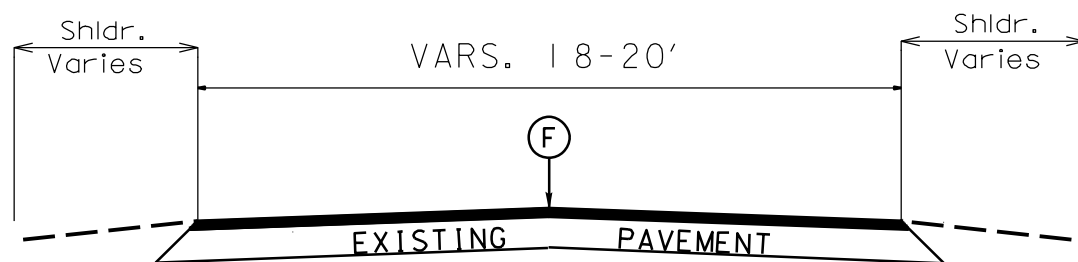




STATE	PROJECT WBS	SHEET NUMBER
NC	2018CPT.12.19.20182	17
	2018CPT.12.19.20552	

Checked by:

Drawn by: J. Kanipe



TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE	
F	ASPHALT SURFACE TREATMENT, DOUBLE SEAL, USING A TOP LAYER OF LIGHTWEIGHT AGGREGATE & A BOTTOM LAYER OF #78M AGGREGATE

2018-2019  
Pavement Preservation  
Typical Sections  
Lincoln & Catawba County NC

## SUMMARY OF QUANTITIES

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.12.19.20182, 2018CPT.12.19.20552	18	20

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	1803000000-E		1882000000-E		2143000000-E
										ASPHALT SURFACE TREATMENT, DOUBLE SEAL	EMULSION FOR AST	BLOTTING SAND	BLOTTING SAND	
								MI	FT	SV	GAL	TON	TON	
2018CPT.12.19.20552	Lincoln	1	SR 1140 (PLAY RD)	FROM CLEVELAND CO TO NC 27	1	2	2WU	7.63	20	94,002	47,000		31	
2018CPT.12.19.20552	Lincoln	2	SR 1151 (HULL RD)	FROM CLEVELAND CO TO SR 1140 (PLAY RD)	1	2	2WU	1.83	18	20,291	10,200		7	
2018CPT.12.19.20552	Lincoln	3	SR 1150 (BESS CHAPEL CH RD)	FROM SR 1140 (PLAY RD) TO SR 1147 (TOWER RD)	1	2	2WU	2.01	18	22,287	11,200		8	
2018CPT.12.19.20552	Lincoln	4	SR 1147 (TOWER RD)	FROM SR 1138 (LACKEY RD) TO NC 27	1	2	2WU	1.87	18	20,735	10,400		8	
2018CPT.12.19.20552	Lincoln	5	SR 1138 (LACKEY RD)	FROM NC 27 TO NC 274	1	2	2WU	1.81	20	22,299	11,150		7	
2018CPT.12.19.20552	Lincoln	6	SR 1148 (HOYT SHIDAL RD)	FROM SR 1138 (LACKEY RD) TO SR 1147 (TOWER RD)	1	2	2WU	0.28	20	3,450	1,750		1	
2018CPT.12.19.20552	Lincoln	7	SR 1154 (GREEN FARM RD)	FROM CLEVELAND CO TO SR 1155 (AMAZING GRACE RD)	1	2	2WU	0.28	18	3,105	1,600		1	
2018CPT.12.19.20552	Lincoln	8	SR 1155 (AMAZING GRACE RD)	FROM SR 1154 (GREEN FARM RD) TO EOM	1	2	2WU	0.3	18	3,326	1,675		1	
2018CPT.12.19.20552	Lincoln	9	SR 1111 (HULLS GROVE CH RD/PEELER RD)	FROM NC 27 TO SR 1113 (REEPS GROVE CH RD)	1	2	2WU	2.63	20	32,402	16,200		11	
2018CPT.12.19.20552	Lincoln	10	SR 1492 (BURGIN SMITH RD)	FROM SR 1124 (PALM TREE CH RD) TO SR 1108 (MACEDONIA CH RD)	1	2	2WU	0.56	20	6,899	3,450		2	
2018CPT.12.19.20552	Lincoln	11	SR 1125 (HOUSER RD)	FROM SR 1002 (CAT SQUARE RD) TO SR 1123 (ZUR LEONARD RD)	1	2	2WU	0.62	18	6,875	3,450		3	
2018CPT.12.19.20552	Lincoln	12	SR 1185 (LEWIS RD)	FROM SR 1113 (REEPSVILLE RD) TO SR 1204 (DANIELS RD)	1	2	2WU	0.71	20	8,747	4,375		3	
2018CPT.12.19.20552	Lincoln	13	SR 1250 (REDBUD RD)	FROM US 321 BUS TO SR 1253 (SOUTHSIDE CH RD)	1	2	2WU	0.47	18	5,211	2,610		2	
2018CPT.12.19.20552	Lincoln	14	SR 1341 (POARCH RD)	FROM SR 1003 (BUFFALO SHOALS RD) TO END MAINT	1	2	2WU	0.97	20	11,950	5,975		4	
2018CPT.12.19.20552	Lincoln	15	SR 1352 (SANDY FARM RD)	FROM NC 150 TO DEAD END	1	2	2WU	0.66	18	7,318	3,659		3	
2018CPT.12.19.20552	Lincoln	16	SR 1923 (FAY JONES RD)	FROM SR 1349 (KING WILKINSON RD) TO SR 1379 (CHRISTOPHER RD)	1	2	2WU	1.15	20	14,168	7,084		5	
2018CPT.12.19.20552	Lincoln	17	SR 1314 (LOW BRIDGE RD)	FROM NC 73 TO NC 27	1	2	2WU	1.56	20	19,219	9,610		6	
2018CPT.12.19.20552	Lincoln	18	SR 1383 (S. INGLETSIDE FARM RD)	FROM BRIDGE 39 (OVER NC 73) TO SR 1511 (OLD PLANK RD)	1	2	2WU	1.64	18	18,184	9,100		7	
2018CPT.12.19.20552	Lincoln	19	SR 1707 (ALBA MILL RD)	FROM SR 1412 (MARIPOSA RD) TO END PVMT	1	2	2WU	0.52	20	6,406	3,203		2	
<b>TOTAL FOR PROJ NO. 2018CPT.12.19.20552</b>										<b>326,874</b>	<b>163,691</b>		<b>112</b>	
2018CPT.12.19.20182	Catawba	20	SR 1113 (BRITTAIN RD)	FROM BURKE CO TO SR 1002 (OLD SHELBY RD)	1	2	2WU	0.68	18	7,540	3,770		3	
2018CPT.12.19.20182	Catawba	21	SR 1114 (MILKES GROVE RD)	FROM BURKE CO TO SR 1113 (BRITTAIN RD)	1	2	2WU	0.38	18	4,213	2,110		2	
2018CPT.12.19.20182	Catawba	22	SR 1117 (YOUNG RD)	FROM SR 1002 (OLD SHELBY RD) TO SR 1116 (PROVIDENCE CH RD)	1	2	2WU	1.29	20	15,893	7,946		5	
2018CPT.12.19.20182	Catawba	23	SR 1118 (HUDSON RD)	FROM SR 1116 (PROVIDENCE CH RD) TO SR 1120 (GREEDY HWY)	1	2	2WU	0.48	20	5,914	2,960		2	
2018CPT.12.19.20182	Catawba	24	SR 1102 (WILLIS RD)	FROM LINCOLN CO TO NC 18	1	2	2WU	1.06	18	11,753	5,876		4	
2018CPT.12.19.20182	Catawba	25	SR 1107 (WELLMAN RD)	FROM SR 1105 (COOKSVILLE RD) TO SR 1002 (RHONEY FARM RD)	1	2	2WU	1.31	20	16,139	8,070		5	
2018CPT.12.19.20182	Catawba	26	SR 2046 (LEFEVERS RD)	FROM SR 2043 (BANOAK RD) TO SR 1002 (CAT SQUARE RD)	1	2	2WU	1.32	20	16,262	8,150		5	
2018CPT.12.19.20182	Catawba	27	SR 2045 (WHITE RD)	FROM SR 2044 (BANOAK RD) TO SR 2046 (LEFEVERS RD)	1	2	2WU	0.93	20	11,458	5,750		4	
2018CPT.12.19.20182	Catawba	28	SR 2037 (GILBERT RD)	FROM SR 2035 (BURTS RD) TO SR 2036 (PLATEAU RD)	1	2	2WU	1.15	18	12,751	6,375		5	
2018CPT.12.19.20182	Catawba	29	SR 2036 (PLATEAU RD)	FROM SR 2035 (BURTS RD) TO LINCOLN CO	1	2	2WU	1.44	18	15,967	8,000		6	
2018CPT.12.19.20182	Catawba	30	SR 2029 (HOPE RD)	FROM SR 2036 (PLATEAU RD) TO SR 2028 (SCRONCE RD)	1	2	2WU	1.75	18	19,404	9,700		7	
2018CPT.12.19.20182	Catawba	31	SR 2028 (SCRONCE RD)	FROM SR 2036 (PLATEAU RD) TO SR 2026 (MACEDONIA CH RD)	1	2	2WU	1.73	18	19,182	9,600		7	
2018CPT.12.19.20182	Catawba	32	SR 2012 (SIGMON DAIRY RD)	FROM SR 2007 (WEST MAIDEN RD) TO SR 2013 (SIGMON DAIRY RD)	1	2	2WU	0.96	18	10,644	5,325		4	
2018CPT.12.19.20182	Catawba	33	SR 1862 (HENLY RD)	FROM SR 1855 (E. MAIDEN RD) TO LINCOLN CO	1	2	2WU	0.45	18	4,990	2,500		2	
2018CPT.12.19.20182	Catawba	34	SR 1850 (LANEY RD)	FROM SR 1003 (BUFFALO SHOALS RD) TO SR 1855 (E. MAIDEN RD)	1	2	2WU	1.92	18	21,289	10,650		8	
2018CPT.12.19.20182	Catawba	35	SR 1856 (LEBANON RD)	FROM SR 1855 (E. MAIDEN RD) TO LINCOLN CO	1	2	2WU	0.82	20	10,102	5,050		4	
2018CPT.12.19.20182	Catawba	36	SR 1854 (MT VIEW CH RD)	FROM SR 1856 (LEBANON RD) TO END PVMT	1	2	2WU	0.53	19	6,203	3,100		2	
2018CPT.12.19.20182	Catawba	37	SR 1846 (MT BEULAH RD)	FROM NC 16 TO SR 1815 (LITTLE MT RD)	1	2	2WU	2.04	20	25,133	12,575		8	
2018CPT.12.19.20182	Catawba	38	SR 1851 (LINEBERGER RD)	FROM SR 1846 (MT BEULAH RD) TO SR 1849 (MT PLEASANT RD)	1	2	2WU	1.82	18	20,180	10,090		8	
2018CPT.12.19.20182	Catawba	39	SR 1842 (BEATTY RD)	FROM SR 1848 (SHERRILLS FORD RD) TO END MAINT	1	2	2WU	1.48	20	18,234	9,125		6	
2018CPT.12.19.20182	Catawba	40	SR 1817 (JOE JOHNSON RD)	FRM SR 1815 (LITTLE MOUNTAIN RD) TO PVMT CHANGE	1	2	2WU	2.65	20	32,648	16,325		11	
2018CPT.12.19.20182	Catawba	41	SR 1818 (MATHIS CH RD)	FROM SR 1813 (E. BANDYS CROSS RD) TO SR 1817 (JOE JOHNSON RD)	1	2	2WU	2.48	18	27,498	13,750		10	
2018CPT.12.19.20182	Catawba	42	SR 1509 (37TH ST DR NE)	FROM SR 1529 (SULFER SPRINGS RD) TO END MAINT	1	2	2WU	0.7	18	7,762	3,900		3	
2018CPT.12.19.20182	Catawba	43	SR 1507 (SNOW CREEK RD)	FROM SR 1401 (16TH ST NE) TO SR 1529 (SULFER SPRINGS RD)	1	2	2WU	1.85	20	22,792	11,400		8	
2018CPT.12.19.20182	Catawba	44	SR 1193 (HARRIS FARM RD)	FROM NC 127 TO END MAINT	1	2	2WU	1.06	18	11,753	5,900		4	
2018CPT.12.19.20182	Catawba	45	SR 1192 (MT VIEW RD)	FROM SR 1193 (HARRIS FARM RD) TO END MAINT	1	2	2WU	0.63	18	6,985	3,500		3	
<b>TOTAL FOR PROJ NO. 2018CPT.12.19.20182</b>										<b>382,689</b>	<b>191,497</b>		<b>136</b>	
<b>GRAND TOTAL</b>										<b>709,563</b>	<b>355,188</b>		<b>248</b>	

PROJECT NO. 2018CPT.12.19.20182, 2018CPT.12.19.20552	SHEET NO. 19	TOTAL NO. 20
------------------------------------------------------------	-----------------	-----------------

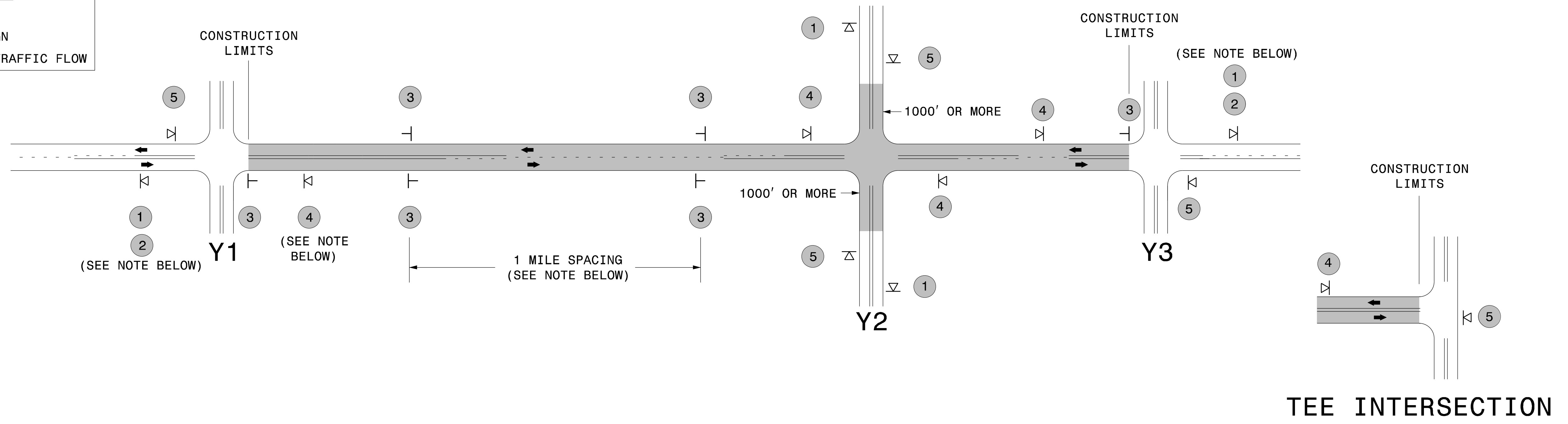
### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		TEMPORARY TRAFFIC CONTROL	4457000000-N / GEN WARNING SIGNS	4413000000-E / GEN WARNING SIGNS	4721000000-E THERMO SCHOOL 120M	4810000000-E 4" WHITE PAINT	4810000000-E 4" YELLOW PAINT	
								MI	FT							
2018CPT.12.19.20552	Lincnln	1	SR 1140 (PLAY RD)	FROM CLEVELAND CO TO NC 27	1	2	2WU	7.63	20	*	480		EA	LF	LF	
2018CPT.12.19.20552	Lincnln	2	SR 1151 (HULL RD)	FROM CLEVELAND CO TO SR 1140 (PLAY RD)	1	2	2WU	1.83	18	*	120				38,700	38,700
2018CPT.12.19.20552	Lincnln	3	SR 1150 (BESS CHAPEL CH RD)	FROM SR 1140 (PLAY RD) TO SR 1147 (TOWER RD)	1	2	2WU	2.01	18	*	72				42,500	42,500
2018CPT.12.19.20552	Lincnln	4	SR 1147 (TOWER RD)	FROM SR 1388 (LACKEY RD) TO NC 27	1	2	2WU	1.87	18	*	120				39,500	39,500
2018CPT.12.19.20552	Lincnln	5	SR 1138 (LACKEY RD)	FROM NC 27 TO NC 274	1	2	2WU	1.81	20	*	120				38,250	38,250
2018CPT.12.19.20552	Lincnln	6	SR 1148 (HOYT SHIDAL RD)	FROM SR 1138 (LACKEY RD) TO SR 1147 (TOWER RD)	1	2	2WU	0.28	20	*	48				6,000	6,000
2018CPT.12.19.20552	Lincnln	7	SR 1154 (GREEN FARM RD)	FROM CLEVELAND CO TO SR 1155 (AMAZING GRACE RD)	1	2	2WU	0.28	18	*	48				6,000	6,000
2018CPT.12.19.20552	Lincnln	8	SR 1155 (AMAZING GRACE RD)	FROM SR 1154 (GREEN FARM RD) TO EOM	1	2	2WU	0.3	18	*	48				6,400	6,400
2018CPT.12.19.20552	Lincnln	9	SR 1111 (HULLS GROVE CH RD/PELLER RD)	FROM NC 27 TO SR 1113 (REEFS GROVE CH RD)	1	2	2WU	2.63	20	*	144				55,600	55,600
2018CPT.12.19.20552	Lincnln	10	SR 1492 (BURGIN SMITH RD)	FROM SR 1124 (PALM TREE CH RD) TO SR 1108 (MACEDONIA CH RD)	1	2	2WU	0.56	20	*	48				11,900	11,900
2018CPT.12.19.20552	Lincnln	11	SR 1125 (HOUSER RD)	FROM SR 1002 (CAT SQUARE RD) TO SR 1123 (ZUR LEONARD RD)	1	2	2WU	0.62	18	*	48				13,100	13,100
2018CPT.12.19.20552	Lincnln	12	SR 1185 (LEWIS RD)	FROM SR 1113 (REPSVILLE RD) TO SR 1204 (DANIELS RD)	1	2	2WU	0.71	20	*	48				15,000	15,000
2018CPT.12.19.20552	Lincnln	13	SR 1250 (REDBUD RD)	FROM US 321 BUS. TO SR 1253 (SOUTHSIDE CH RD)	1	2	2WU	0.47	18	*	48				9,950	9,950
2018CPT.12.19.20552	Lincnln	14	SR 1341 (POARCH RD)	FROM SR 1003 (BUFFALO SHOALS RD) TO END MAINT	1	2	2WU	0.97	20	*	48				21,000	21,000
2018CPT.12.19.20552	Lincnln	15	SR 1352 (SANDY FARM RD)	FROM NC 150 TO DEAD END	1	2	2WU	0.66	18	*	72				13,950	13,950
2018CPT.12.19.20552	Lincnln	16	SR 1923 (FAY JONES RD)	FROM SR 1349 (KING WILKINSON RD) TO SR 1373 (CHRISTOPHER RD)	1	2	2WU	1.15	20	*	72				24,300	24,300
2018CPT.12.19.20552	Lincnln	17	SR 1314 (LOW BRIDGE RD)	FROM NC 73 TO NC 27	1	2	2WU	1.56	20	*	144				33,000	33,000
2018CPT.12.19.20552	Lincnln	18	SR 1383 (S. INGLESDALE FARM RD)	FROM BRIDGE 39 (OVER NC 73) TO SR 1511 (OLD PLANK RD)	1	2	2WU	1.64	18	*	96				34,650	34,650
2018CPT.12.19.20552	Lincnln	19	SR 1707 (ALBA MILL RD)	FROM SR 1412 (MARIPOSA RD) TO END PVMT	1	2	2WU	0.52	20	*	48				571,000	571,000
<b>TOTAL FOR PROJ NO. 2018CPT.12.19.20552</b>																
								<b>27.50</b>			<b>1,872</b>				<b>571,000</b>	<b>571,000</b>
2018CPT.12.19.20182	Catawba	20	SR 1113 (BRITAIN RD)	FROM BURKE CO TO SR 1002 (OLD SHELBY RD)	1	2	2WU	0.68	18	*	48				14,400	14,400
2018CPT.12.19.20182	Catawba	21	SR 1114 (WILKES GROVE RD)	FROM BURKE CO TO SR 1113 (BRITAIN RD)	1	2	2WU	0.38	18	*	48				8,025	8,025
2018CPT.12.19.20182	Catawba	22	SR 1117 (YOUNG RD)	FROM SR 1002 (OLD SHELBY RD) TO SR 1116 (PROVIDENCE CH RD)	1	2	2WU	1.29	20	*	72				27,250	27,250
2018CPT.12.19.20182	Catawba	23	SR 1118 (HUDSON RD)	FROM SR 1116 (PROVIDENCE CH RD) TO SR 1120 (GREEDY HWY)	1	2	2WU	0.48	20	*	48				10,150	10,150
2018CPT.12.19.20182	Catawba	24	SR 1102 (WILLIS RD)	FROM LINCnln CO TO NC 18	1	2	2WU	1.06	18	*	96				22,400	22,400
2018CPT.12.19.20182	Catawba	25	SR 1107 (WELLMAN RD)	FROM SR 1105 (COONSVILLE RD) TO SR 1002 (RHONEY FARM RD)	1	2	2WU	1.31	20	*	48				27,700	27,700
2018CPT.12.19.20182	Catawba	26	SR 2046 (LEFEVERS RD)	FROM SR 2043 (BANOAK RD) TO SR 1002 (CAT SQUARE RD)	1	2	2WU	1.32	20	*	48				27,900	27,900
2018CPT.12.19.20182	Catawba	27	SR 2045 (WHITE RD)	FROM SR 2044 (BANOAK RD) TO SR 2046 (LEFEVERS RD)	1	2	2WU	0.93	20	*	48				19,650	19,650
2018CPT.12.19.20182	Catawba	28	SR 2037 (GILBERT RD)	FROM SR 2035 (BURTS RD) TO SR 2036 (PLATEAU RD)	1	2	2WU	1.15	18	*	72				24,300	24,300
2018CPT.12.19.20182	Catawba	29	SR 2036 (PLATEAU RD)	FROM SR 2035 (BURTS RD) TO LINCnln CO	1	2	2WU	1.44	18	*	96				30,425	30,425
2018CPT.12.19.20182	Catawba	30	SR 2029 (HOPE RD)	FROM SR 2036 (PLATEAU RD) TO SR 2028 (SCRONCE RD)	1	2	2WU	1.75	18	*	48				37,000	37,000
2018CPT.12.19.20182	Catawba	31	SR 2028 (SCRONCE RD)	FROM SR 2036 (PLATEAU RD) TO SR 2026 (MACEDONIA CH RD)	1	2	2WU	1.73	18	*	72				36,550	36,550
2018CPT.12.19.20182	Catawba	32	SR 2012 (SIGMON DAIRY RD)	FROM SR 2007 (WEST MAIDEN RD) TO SR 2013 (SIGMON DAIRY RD)	1	2	2WU	0.96	18	*	96				20,300	20,300
2018CPT.12.19.20182	Catawba	33	SR 1862 (HENLY RD)	FROM SR 1855 (E. MAIDEN RD) TO LINCnln CO	1	2	2WU	0.45	18	*	48				9,504	9,504
2018CPT.12.19.20182	Catawba	34	SR 1860 (LANEY RD)	FROM SR 1855 (E. MAIDEN RD) TO SR 1855 (E. MAIDEN RD)	1	2	2WU	1.92	18	*	72				40,550	40,550
2018CPT.12.19.20182	Catawba	35	SR 1856 (LEBANON RD)	FROM SR 1855 (E. MAIDEN RD) TO LINCnln CO	1	2	2WU	0.82	20	*	72				17,350	17,350
2018CPT.12.19.20182	Catawba	36	SR 1854 (MT VIEW CH RD)	FROM SR 1856 (LEBANON RD) TO END PVMT	1	2	2WU	0.53	19	*	48				11,200	11,200
2018CPT.12.19.20182	Catawba	37	SR 1846 (MT BEULAH RD)	FROM NC 16 TO SR 1815 (LITTLE MT RD)	1	2	2WU	2.04	20	*	48				43,100	43,100
2018CPT.12.19.20182	Catawba	38	SR 1851 (LINEBERGER RD)	FROM SR 1846 (MT BEULAH RD) TO SR 1849 (MT PLEASANT RD)	1	2	2WU	1.82	18	*	48				34,450	34,450
2018CPT.12.19.20182	Catawba	39	SR 1842 (BEATTY RD)	FROM SR 1848 (SHERILLS FORD RD) TO END MAINT	1	2	2WU	1.48	20	*	144				31,260	31,260
2018CPT.12.19.20182	Catawba	40	SR 1817 (JOE JOHNSON RD)	FRM SR 1815 (LITTLE MOUNTAIN RD) TO PVMT CHANGE	1	2	2WU	2.65	20	*	72				55,975	55,975
2018CPT.12.19.20182	Catawba	41	SR 1818 (MATHIS CH RD)	FROM SR 1813 (E. BANDY'S CROSS RD) TO SR 1817 (JOE JOHNSON RD)	1	2	2WU	2.48	18	*	48				52,400	52,400
2018CPT.12.19.20182	Catawba	42	SR 1509 (37TH ST DR NE)	FROM SR 1529 (SULFER SPRINGS RD) TO END MAINT	1	2	2WU	0.7	18	*	96				14,800	14,800
2018CPT.12.19.20182	Catawba	43	SR 1507 (SNOW CREEK RD)	FROM SR 1401 (16TH ST NE) TO SR 1529 (SULFER SPRINGS RD)	1	2	2WU	1.85	20	*	264		12		39,100	39,100
2018CPT.12.19.20182	Catawba	44	SR 1193 (HARRIS FARM RD)	FROM NC 127 TO END MAINT	1	2	2WU	1.06	18	*	72				22,400	22,400
2018CPT.12.19.20182	Catawba	45	SR 1192 (MT VIEW RD)	FROM SR 1193 (HARRIS FARM RD) TO END MAINT	1	2	2WU	0.63	18	*	96				13,310	13,310
<b>TOTAL FOR PROJ NO. 2018CPT.12.19.20182</b>																
								<b>32.91</b>			<b>1,968</b>		<b>80</b>		<b>691,449</b>	<b>691,449</b>
<b>GRAND TOTAL</b>																
								<b>60.41</b>		<b>1</b>	<b>3,840</b>		<b>80</b>		<b>1,262,449</b>	<b>1,262,449</b>

# SIGNING FOR ASPHALT SURFACE TREATMENT

**LEGEND**

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



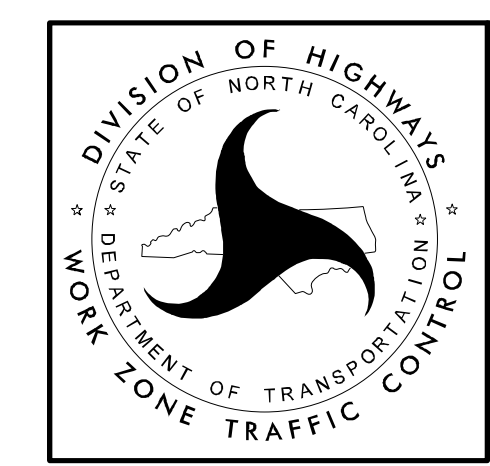
## MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	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>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</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;"> <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>
	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**