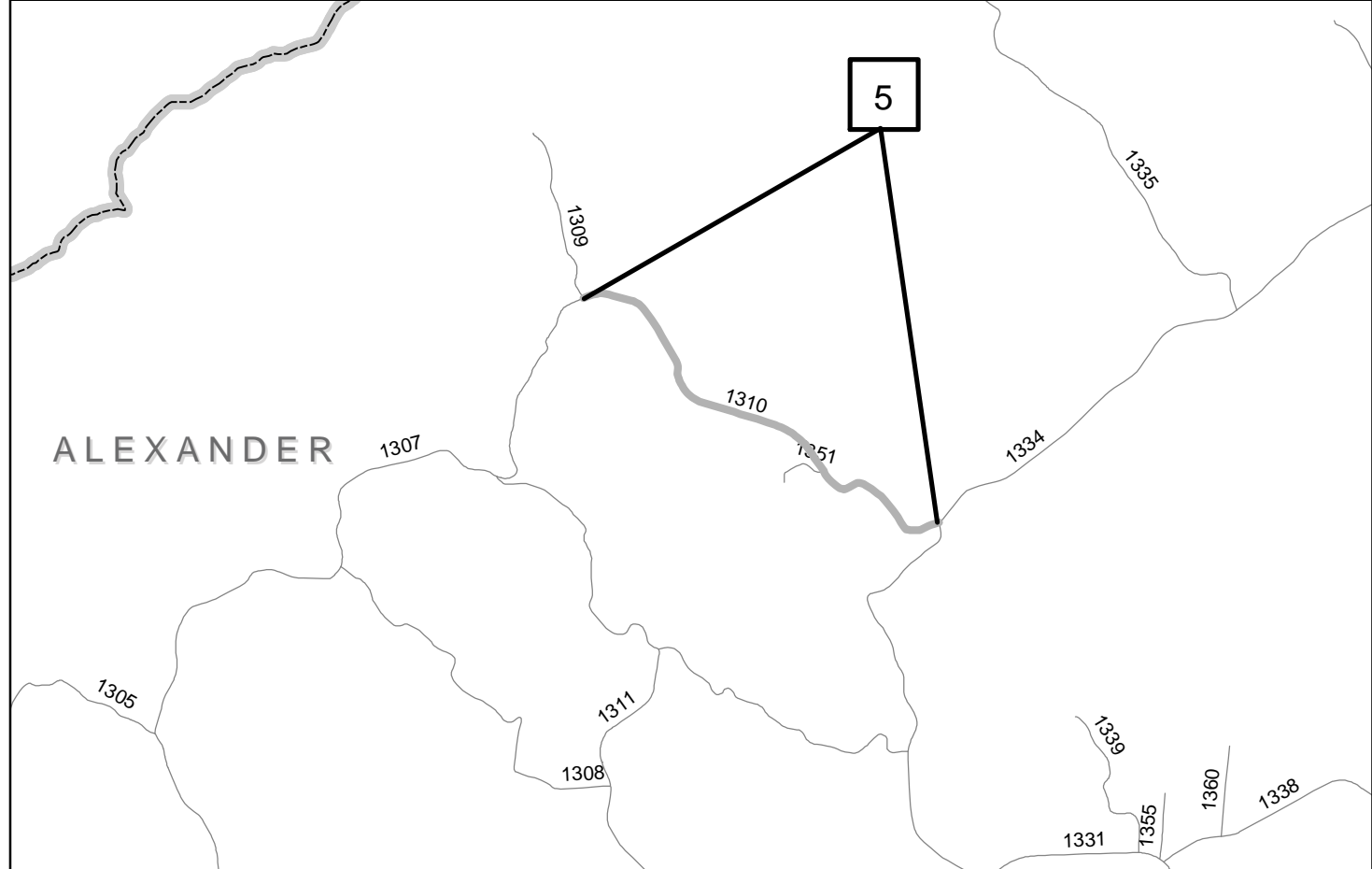
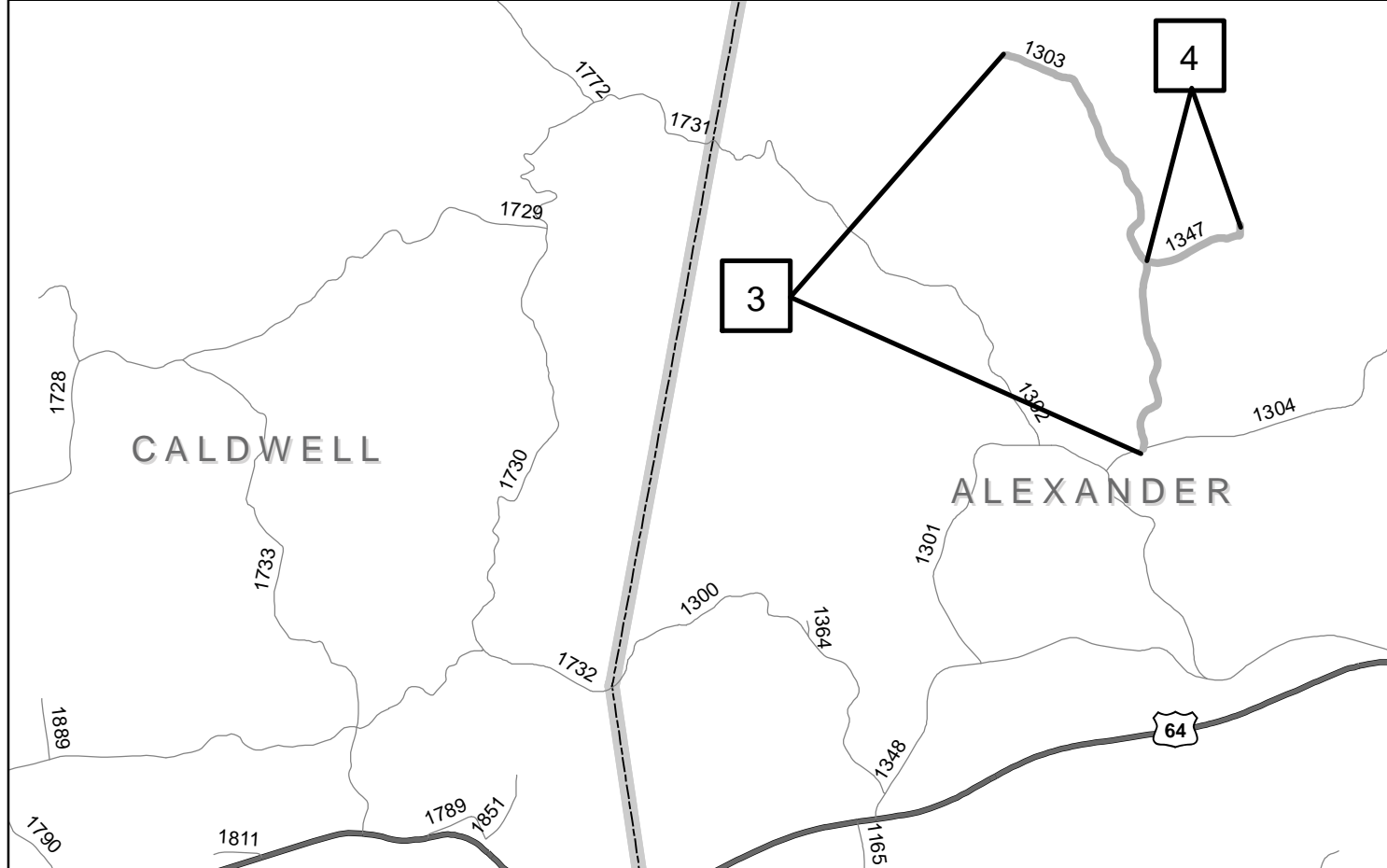
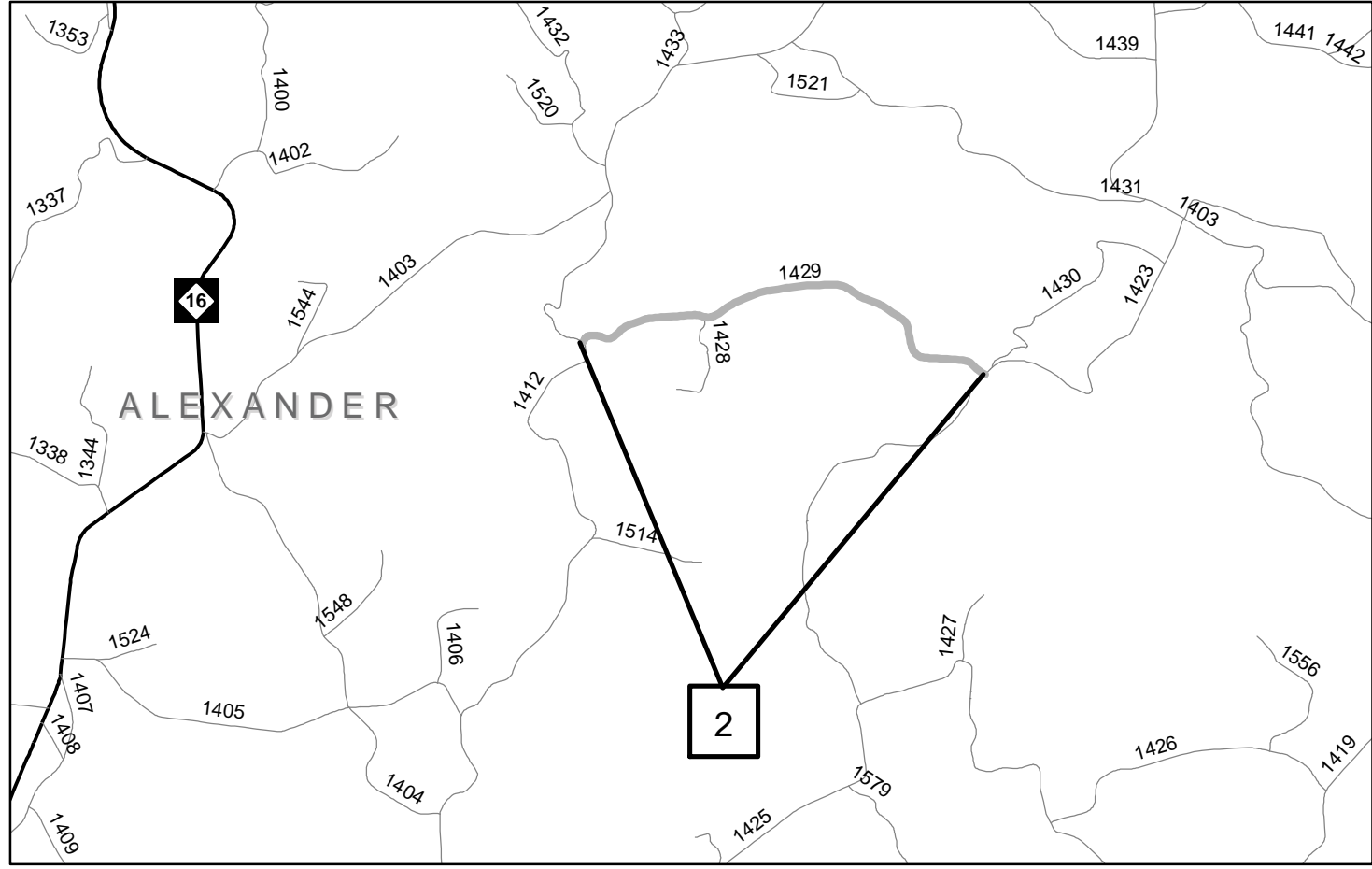
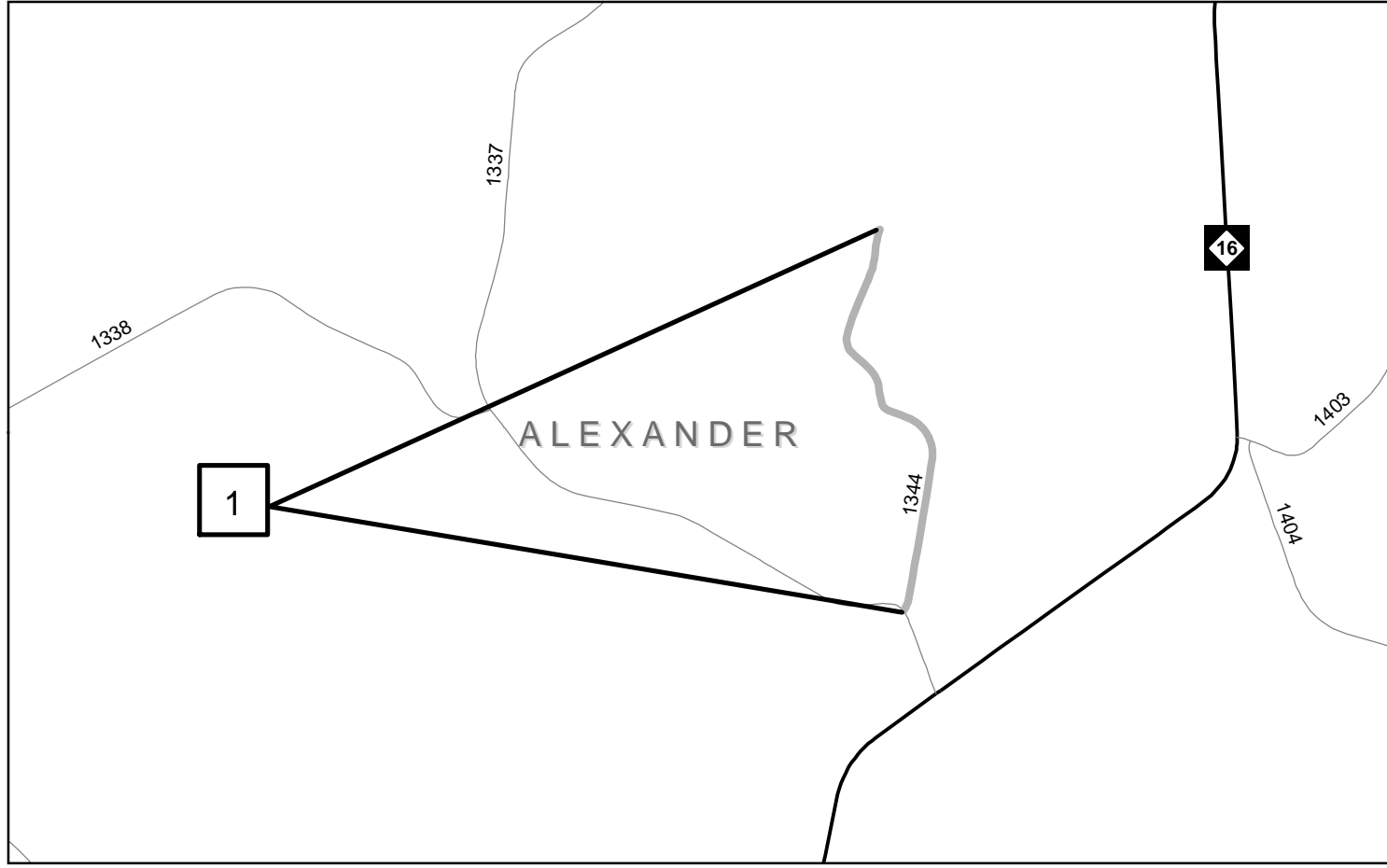
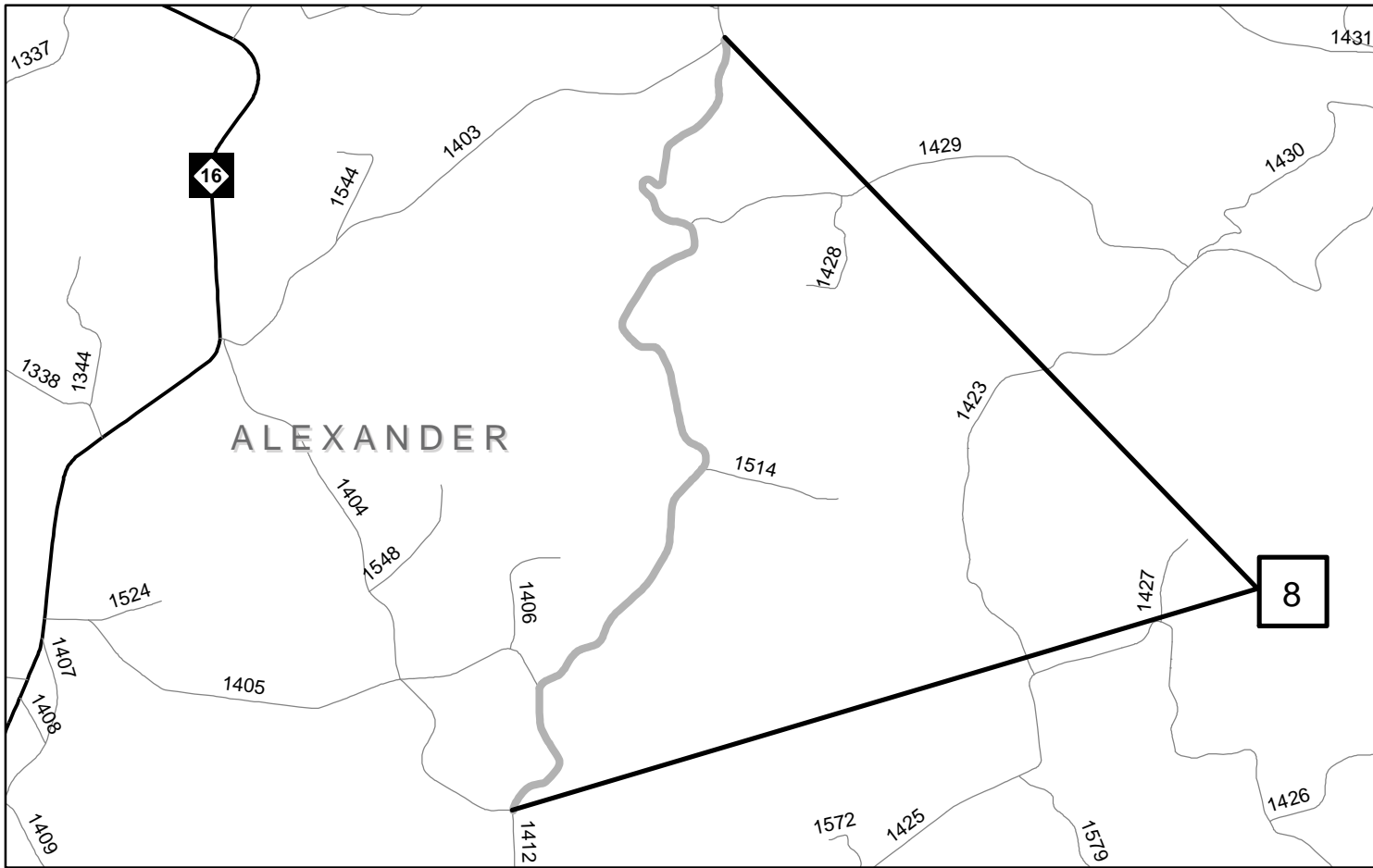
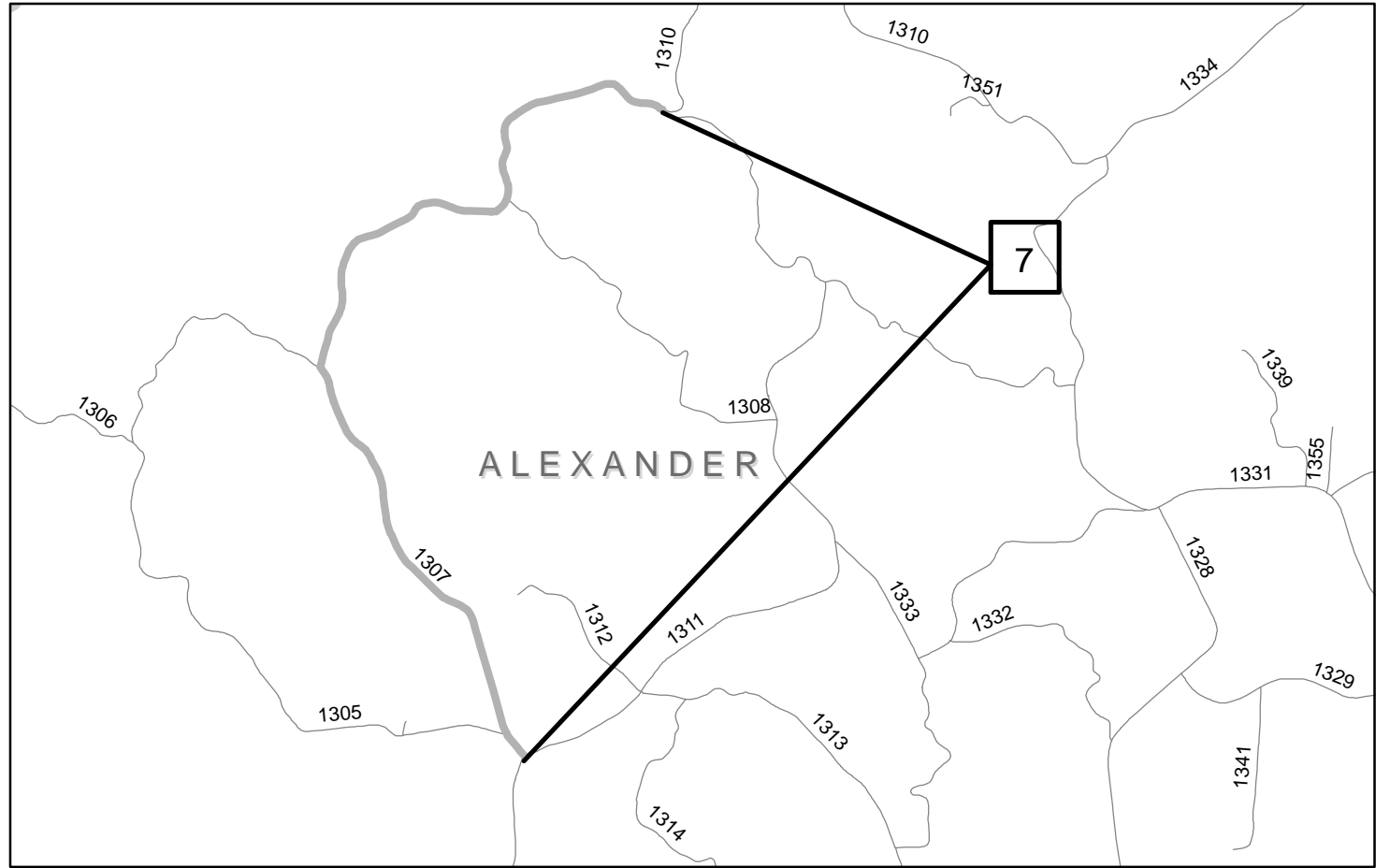
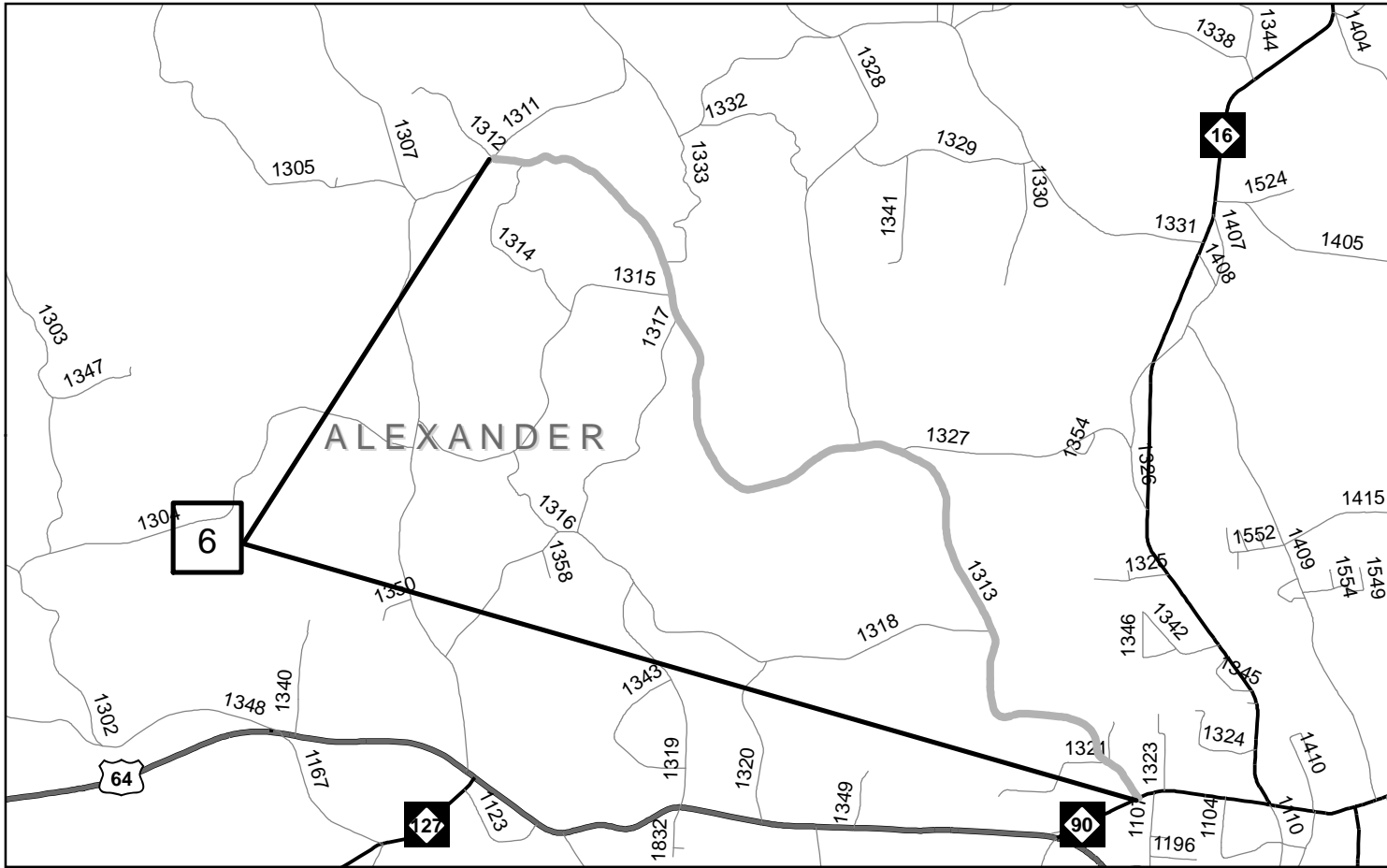


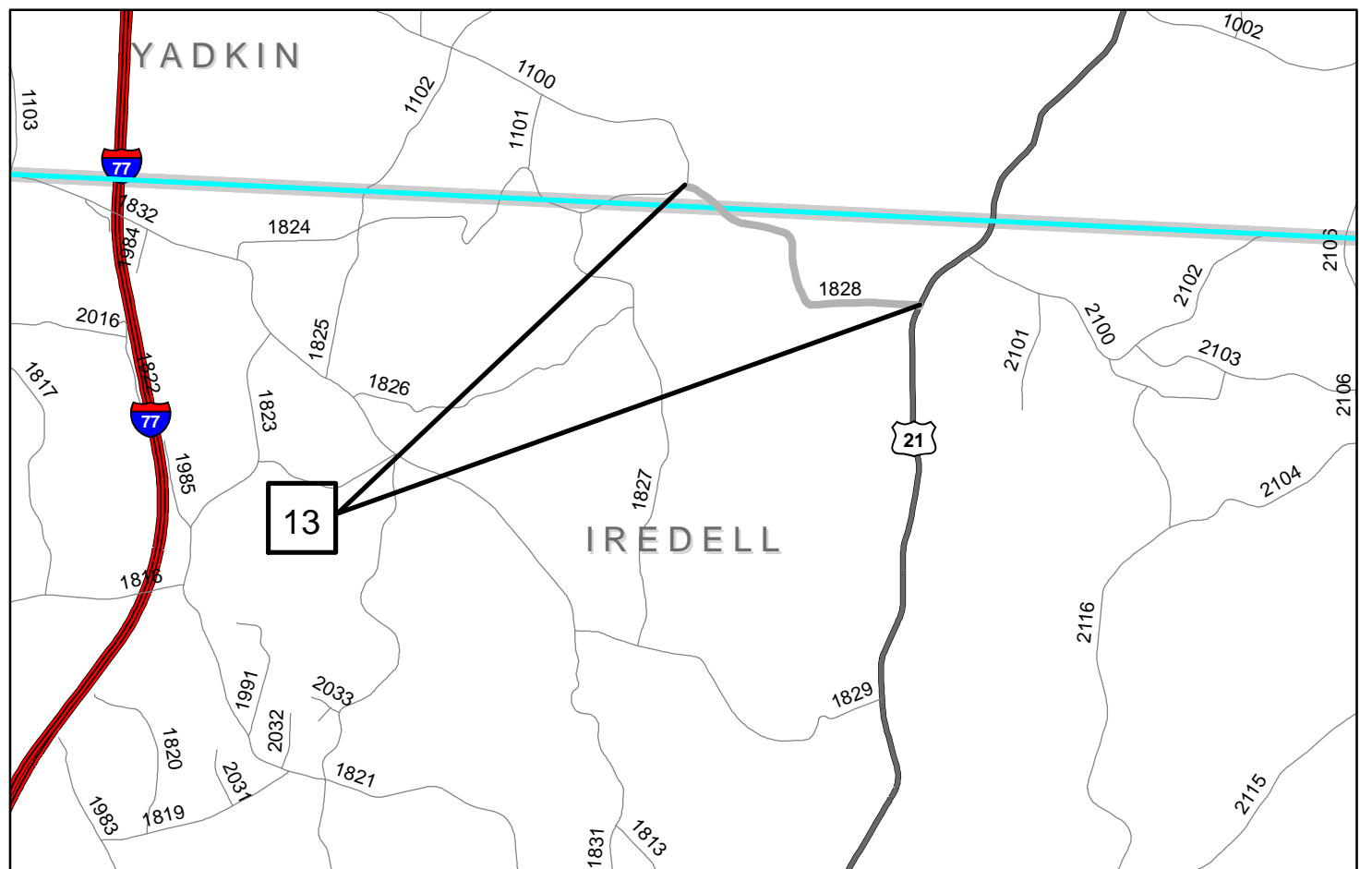
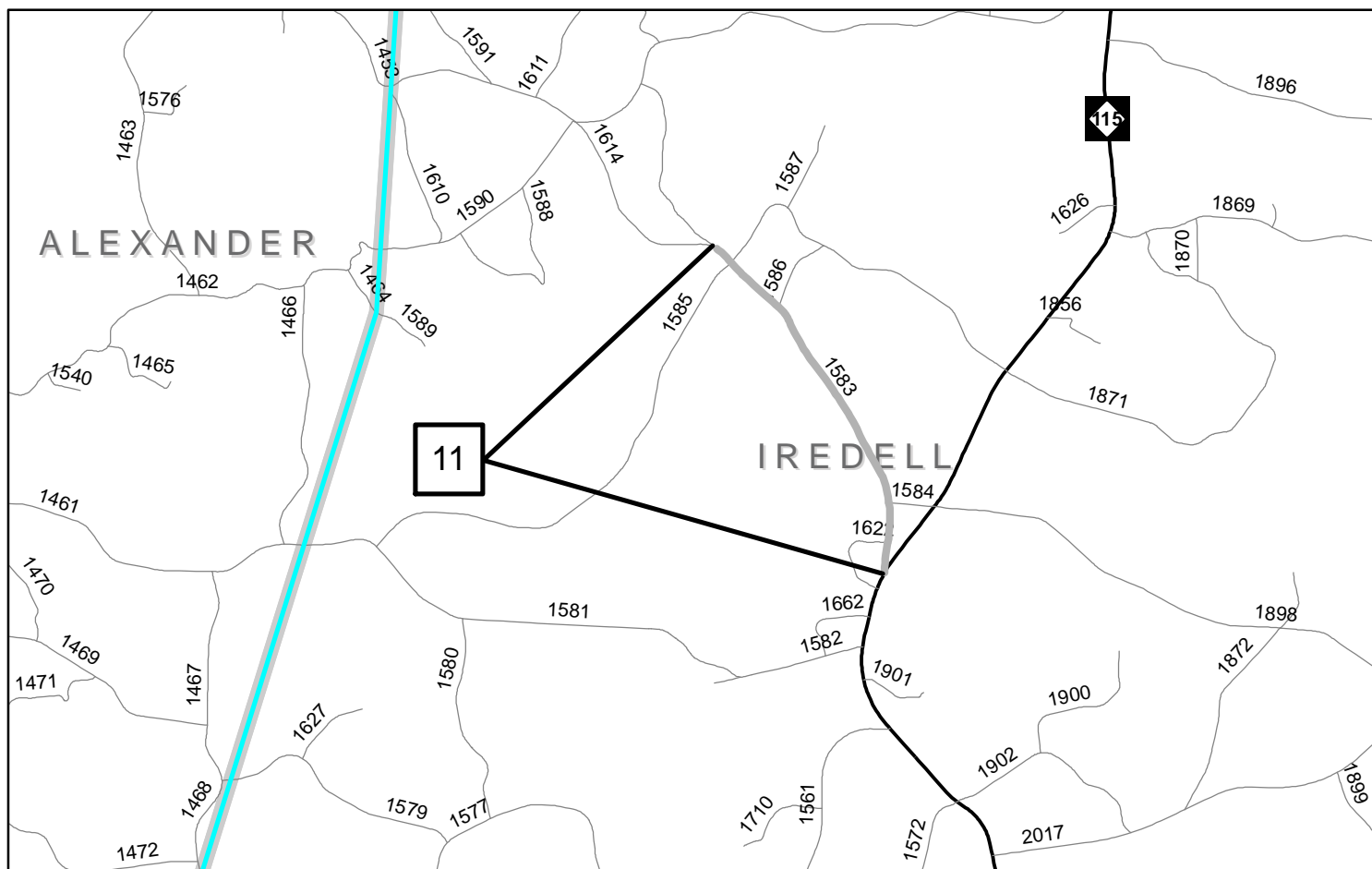
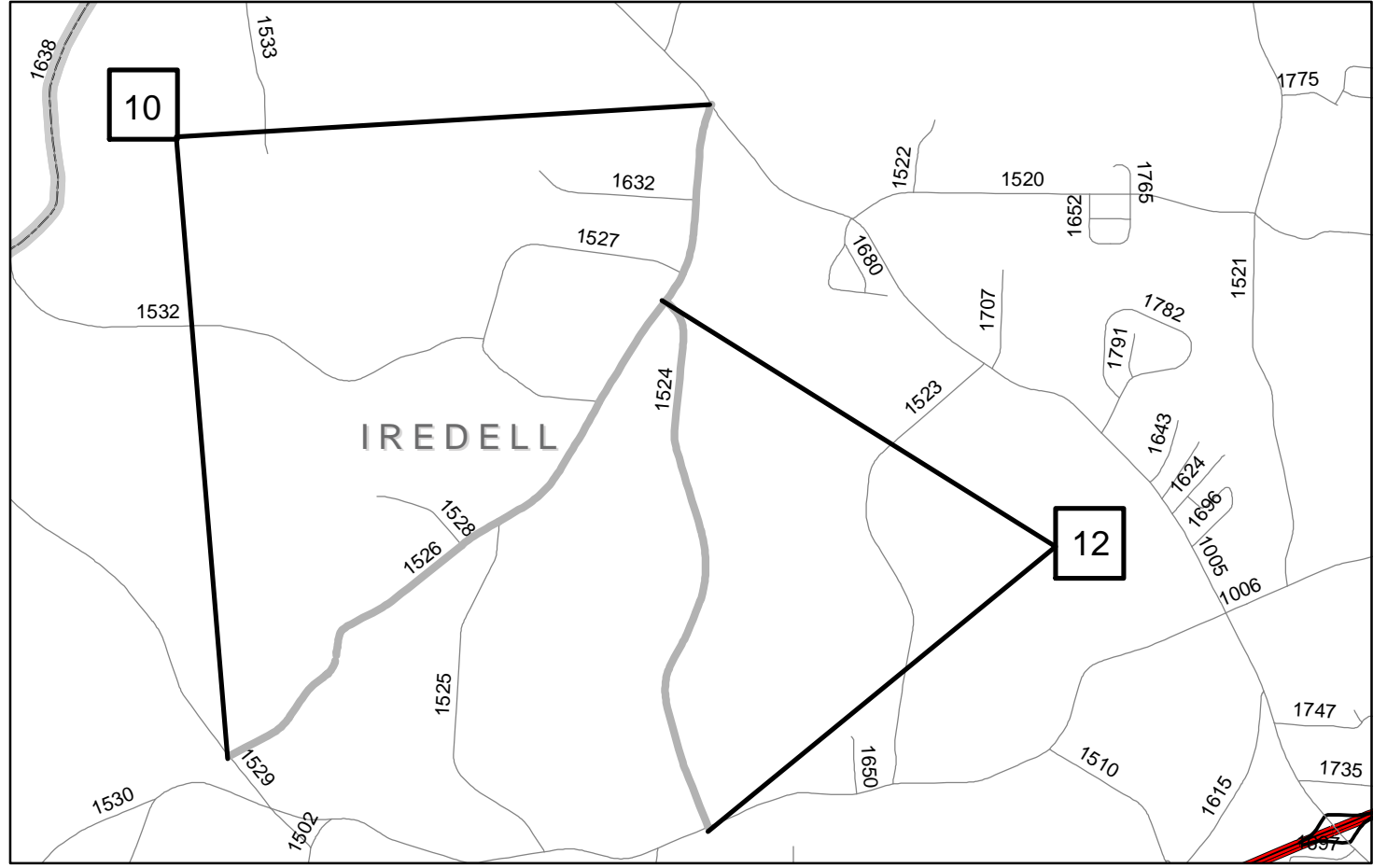
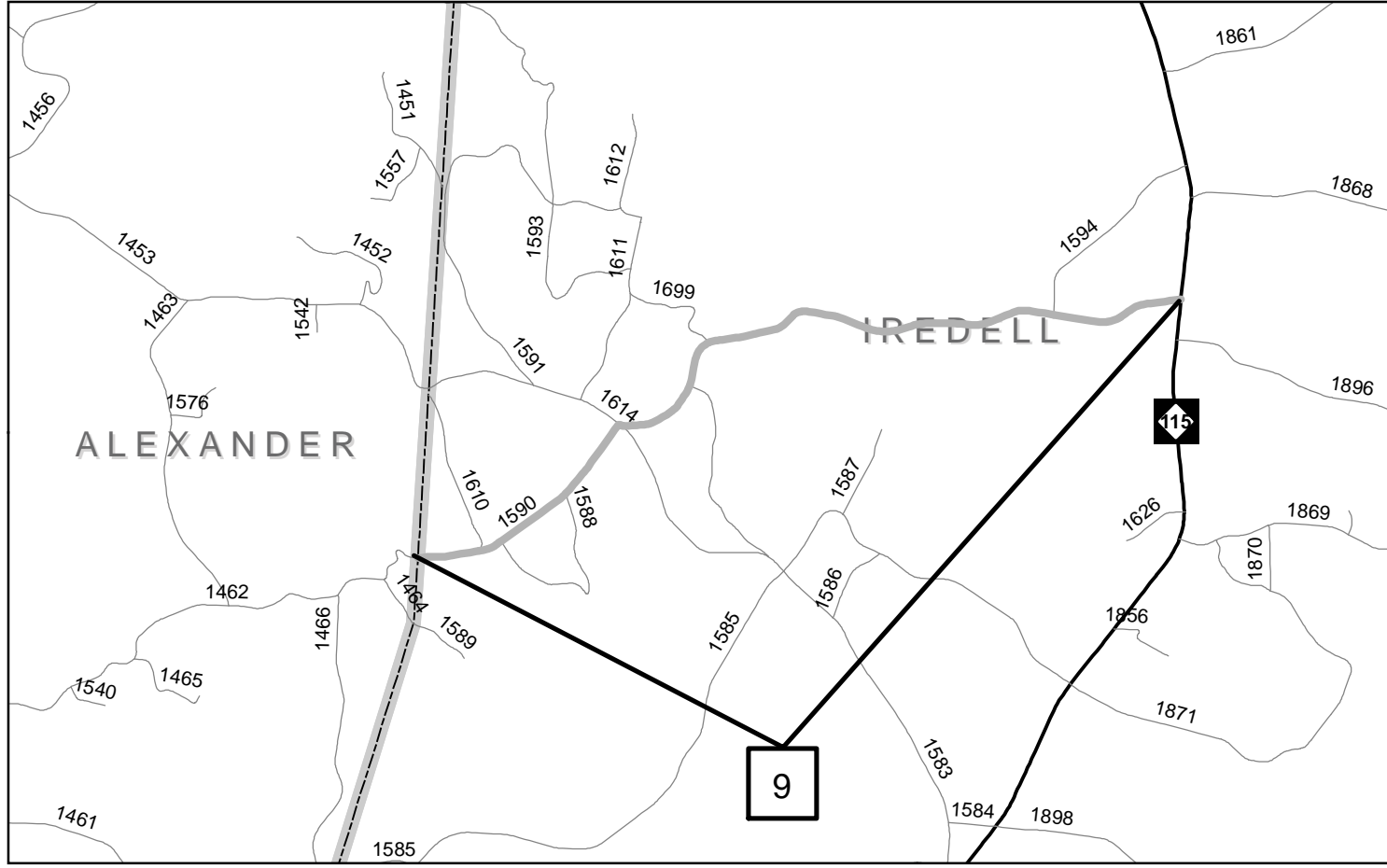
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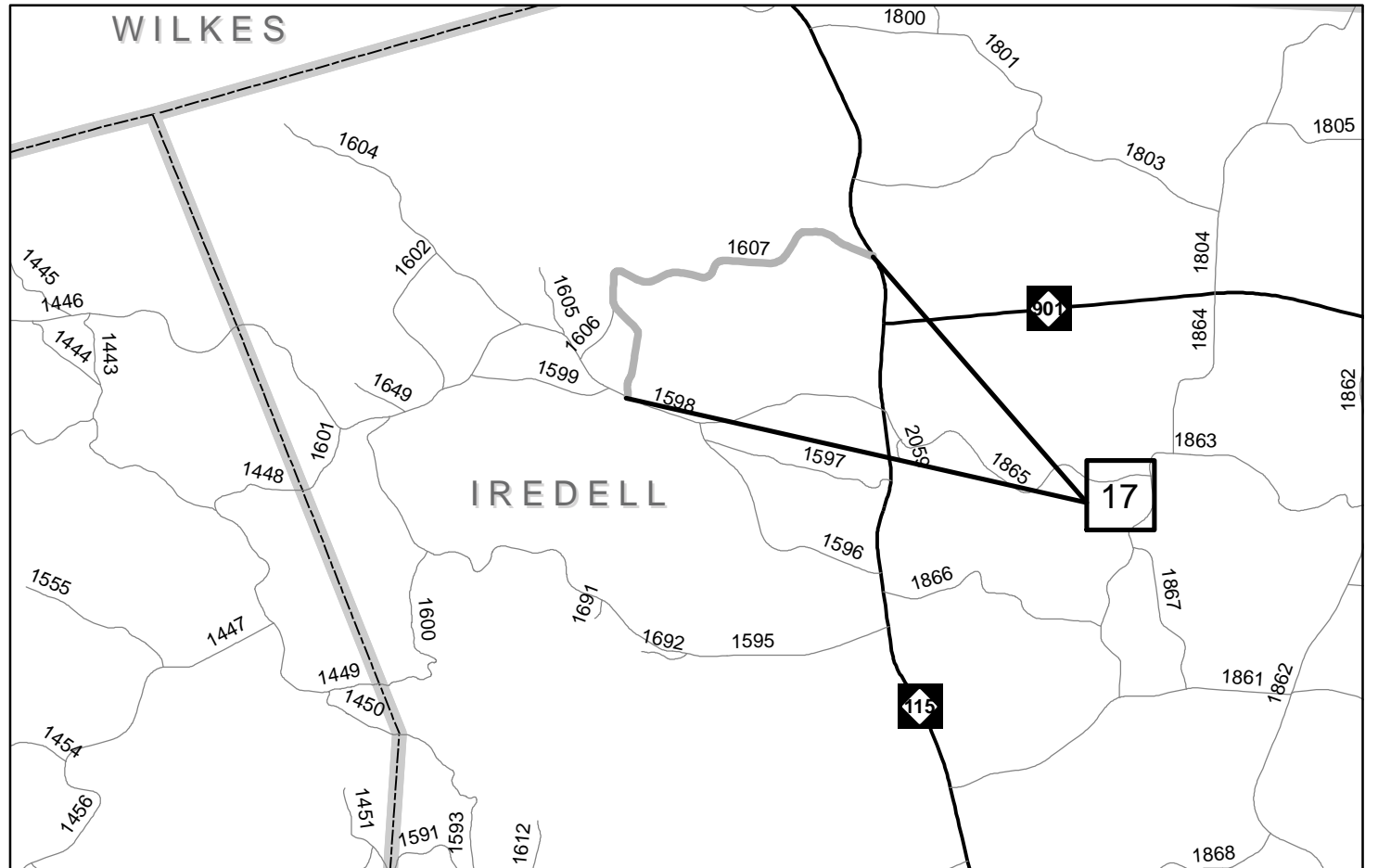
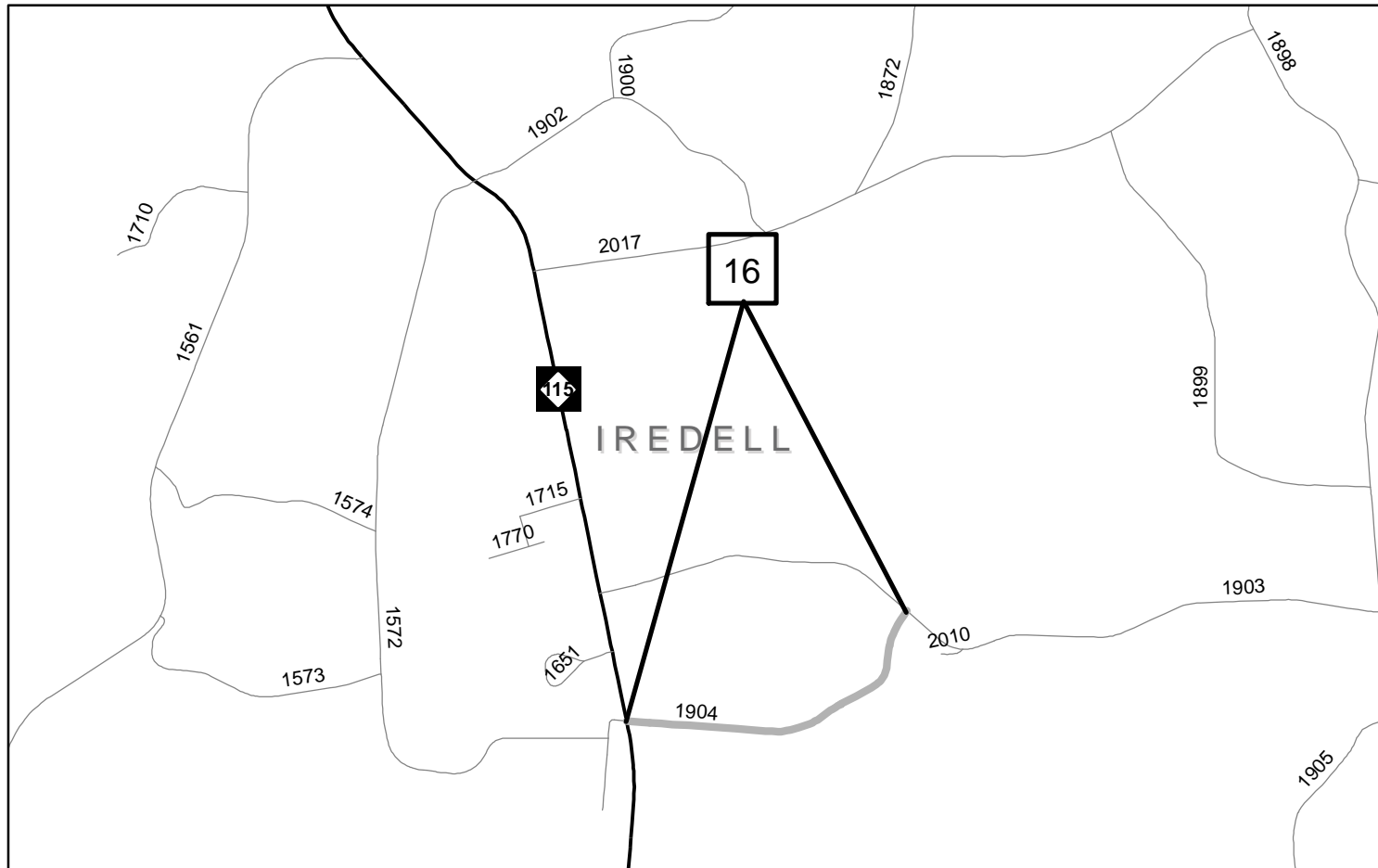
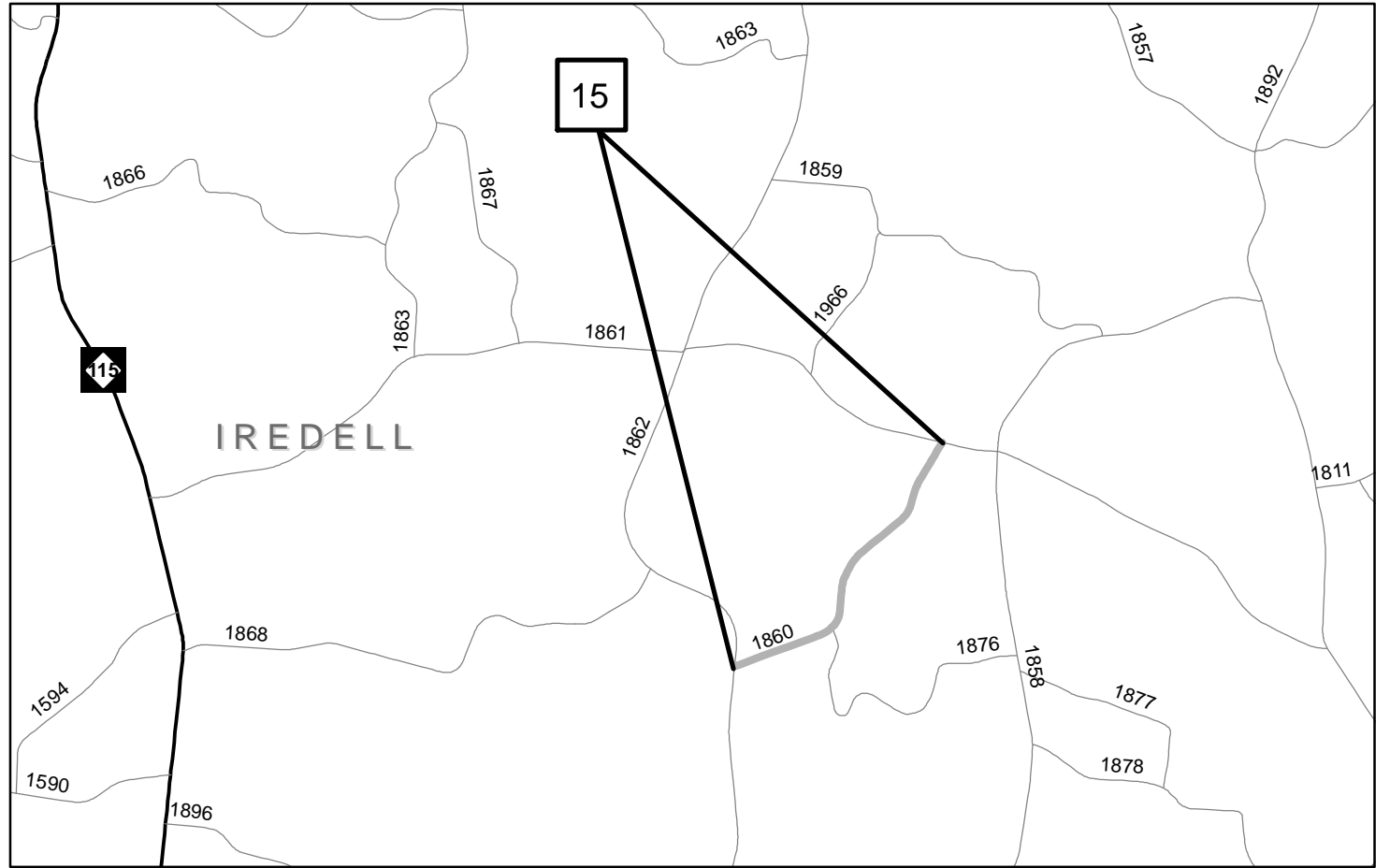
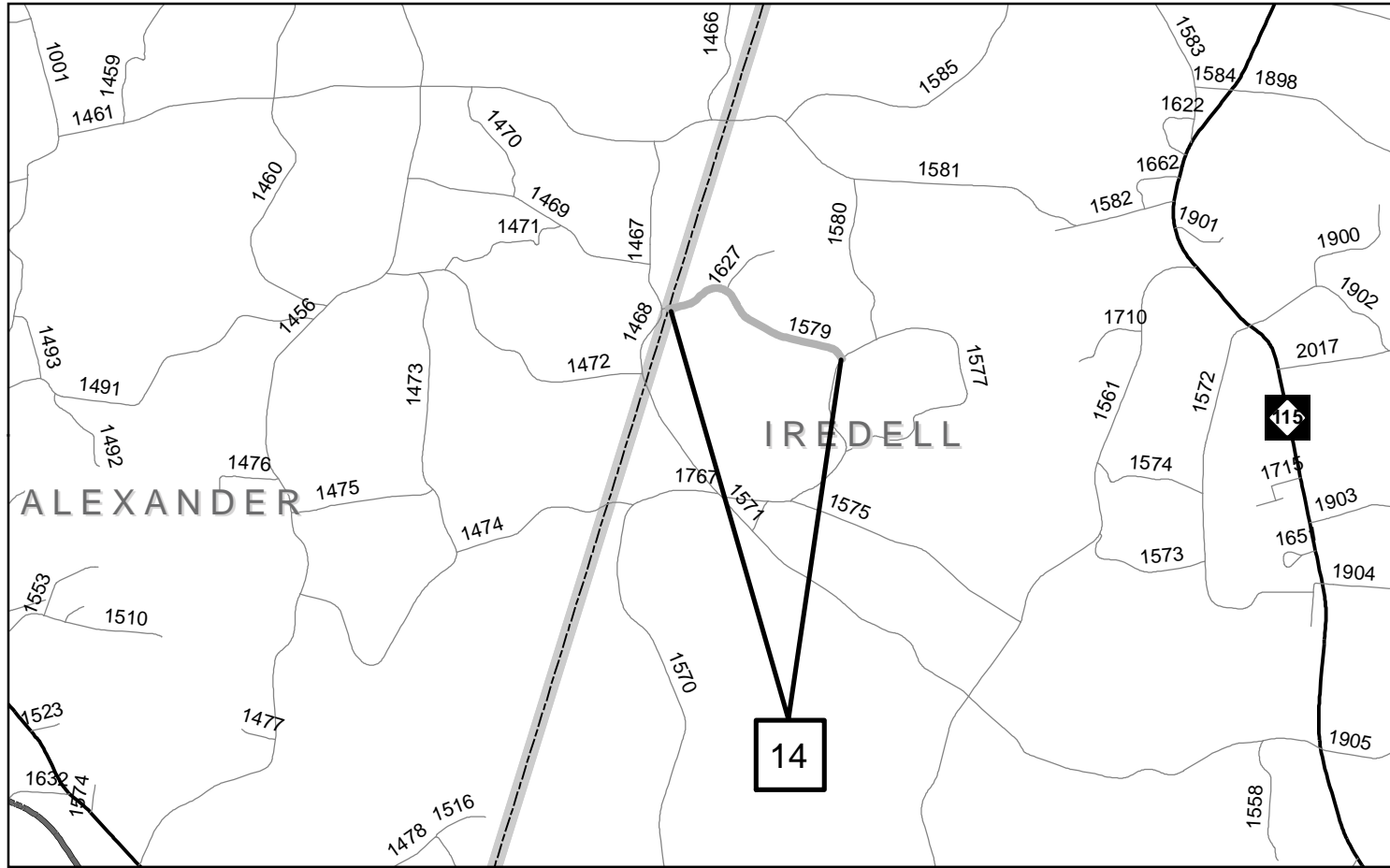
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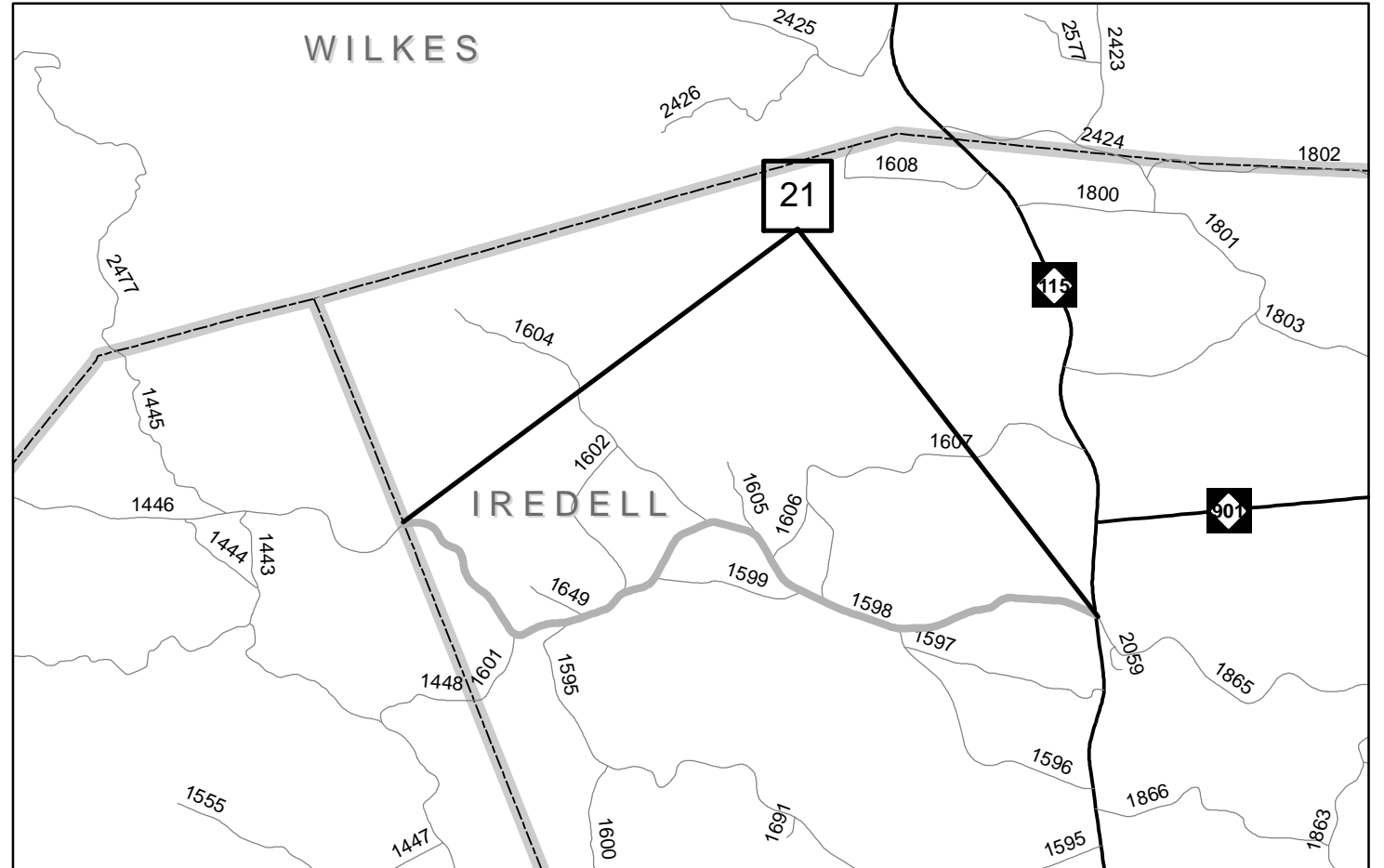
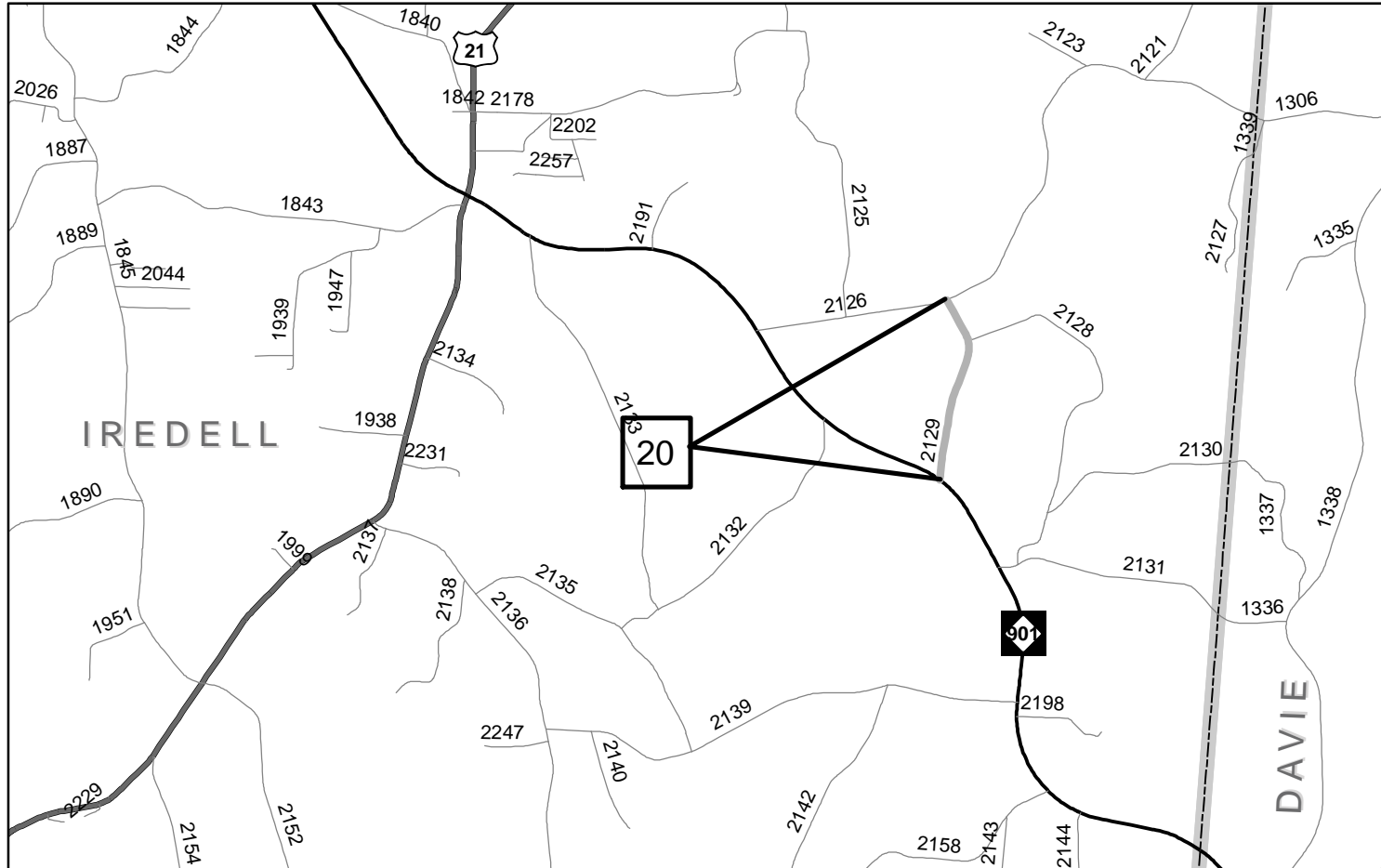
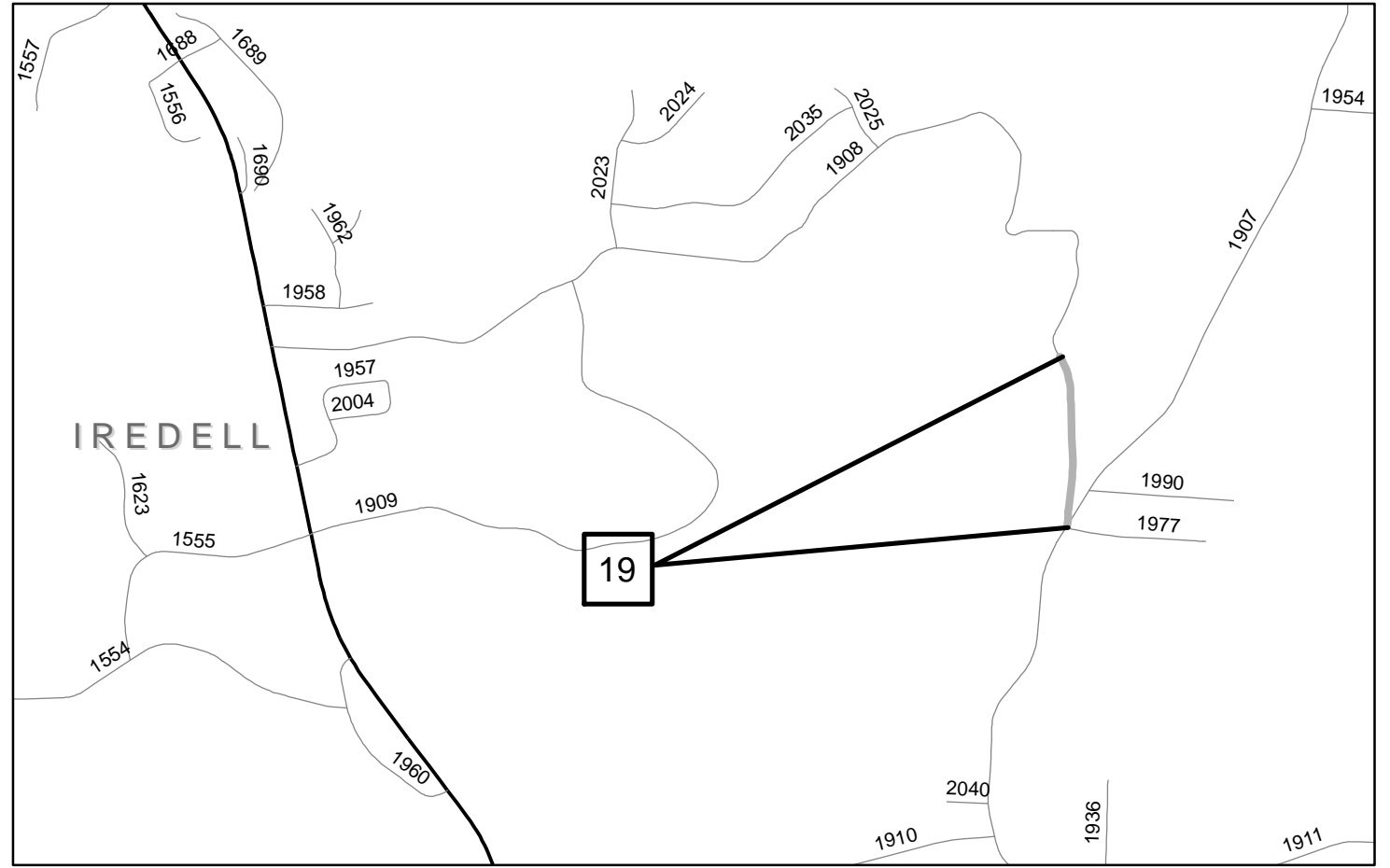
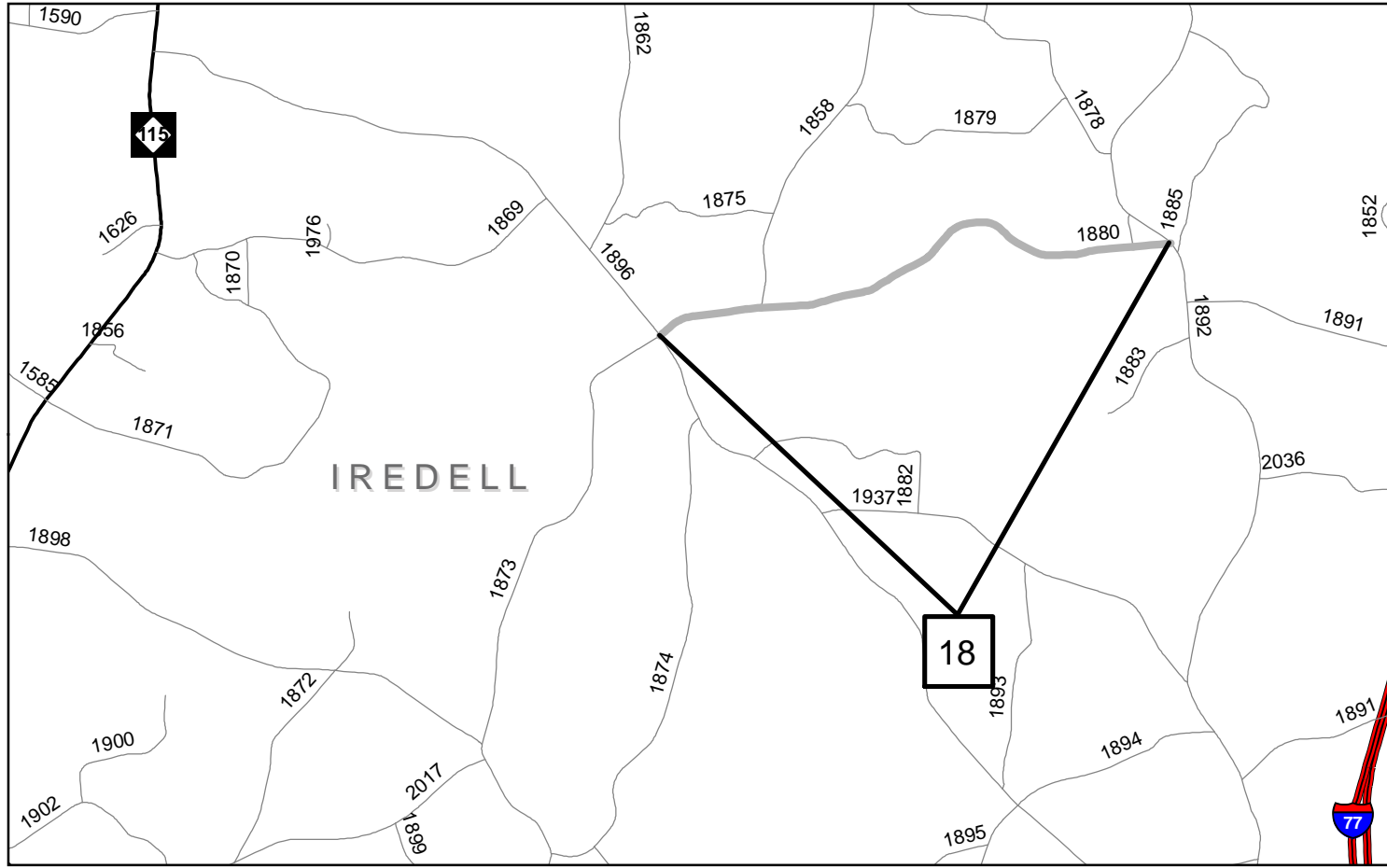
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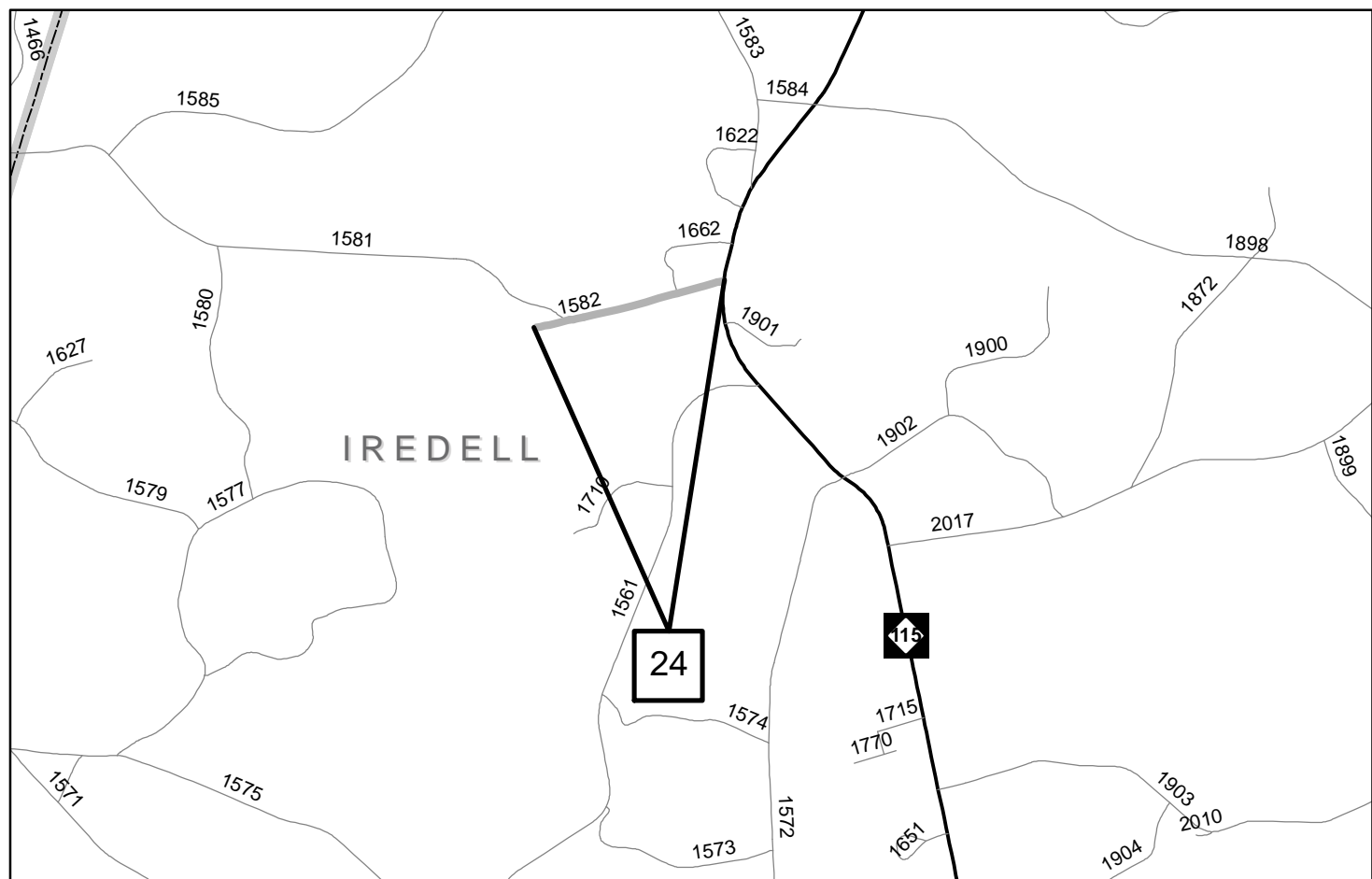
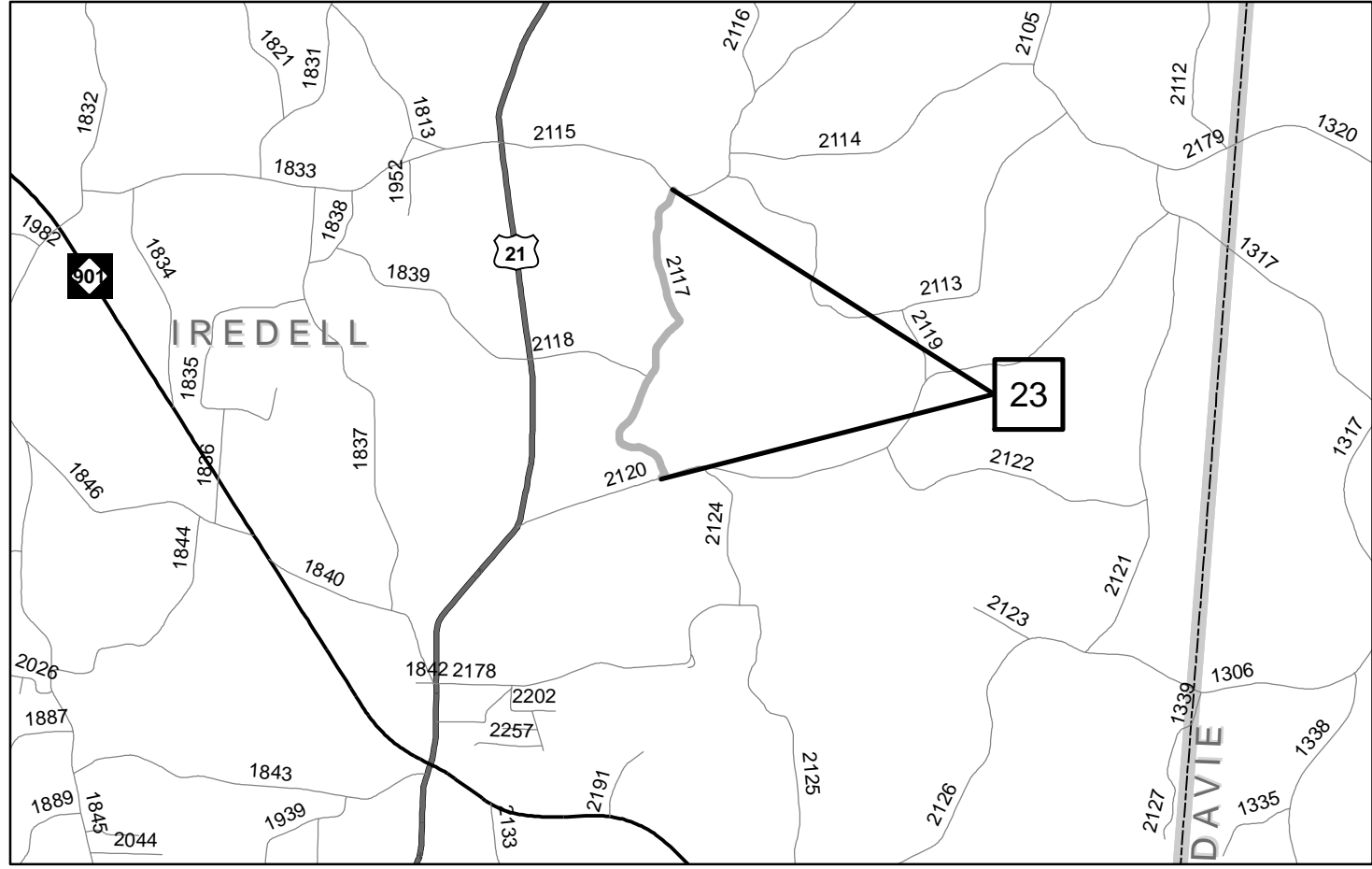
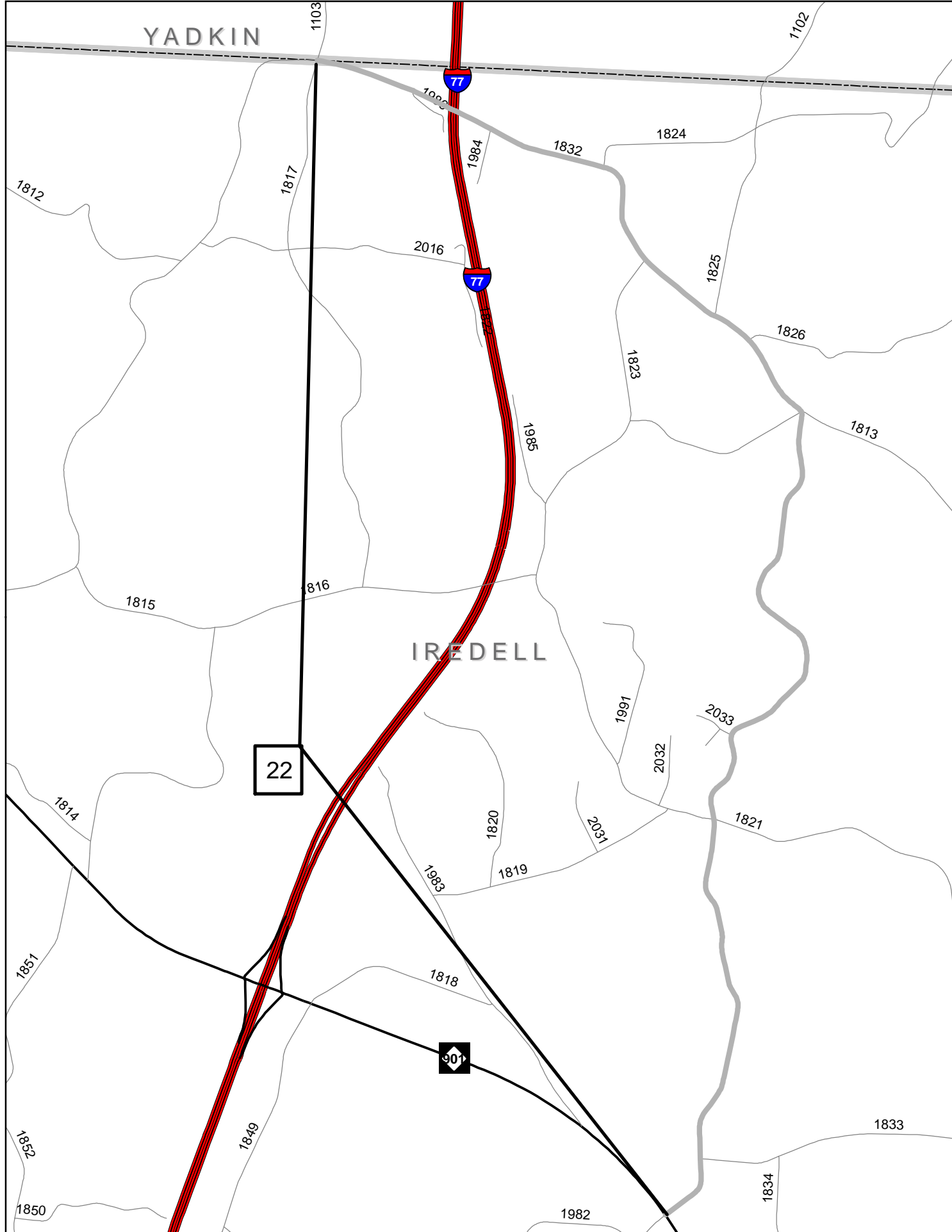


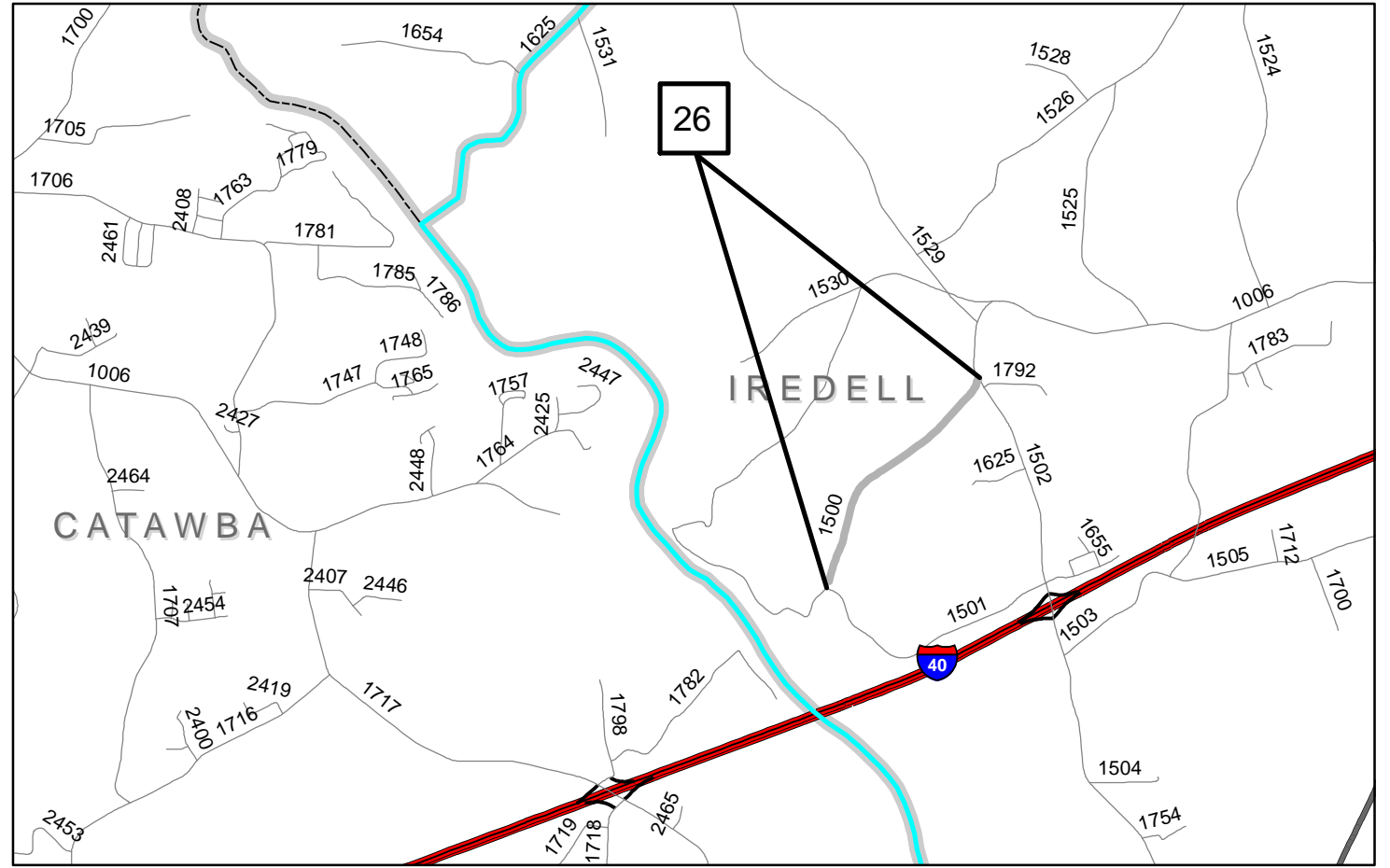
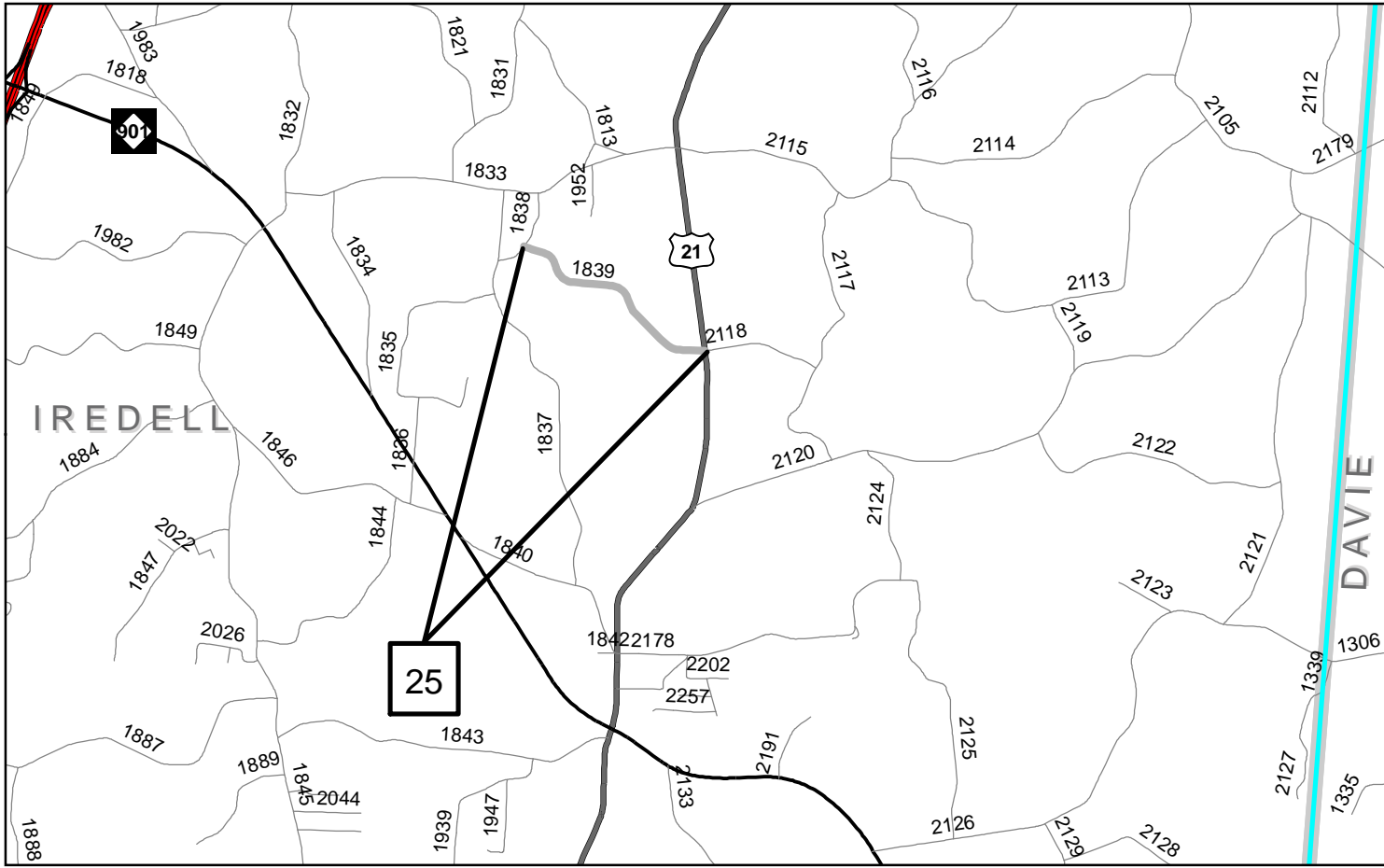










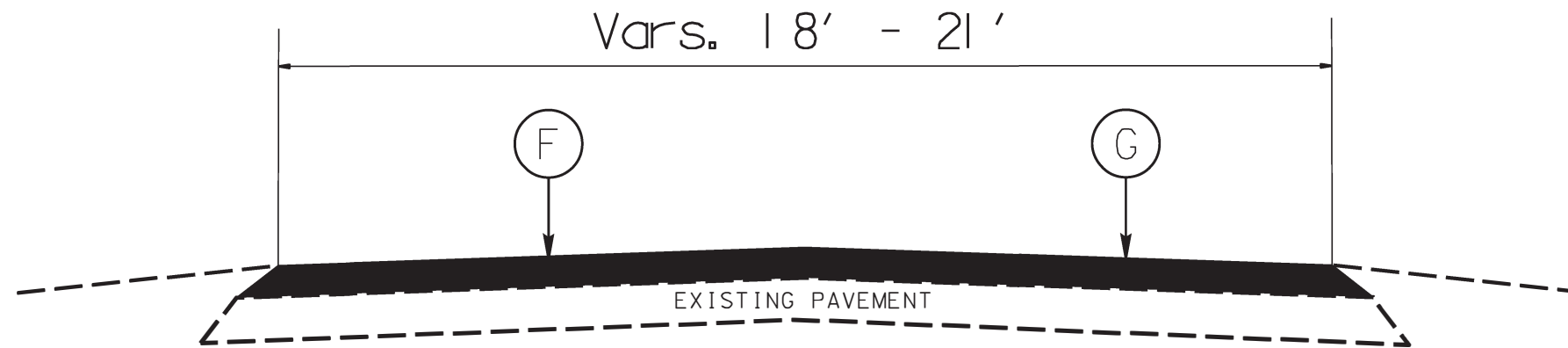




PAVEMENT SCHEDULE

STATE	PROJECT WBS	SHEET NUMBER
NC	2021CPT.12.01.20022	9
	2021CPT.12.01.20492	

F	ASPHALT SURFACE TREATMENT, DOUBLE SEAL, USING A TOP LIFT OF LIGHTWEIGHT AGGREGATE AND A BOTTOM LIFT OF 78M AGGREGATE.
G	ASPHALT SURFACE TREATMENT, FOG SEAL, WITH A TARGET APPLICATION RATE OF 0.12 GAL/SY, +/- 0.03 GAL/SY.



TYPICAL SECTION NO. 1

Checked by:

Drawn by: J.Barneffe

Typical Section  
Alexander & Iredell Co.  
2021-2022 Pvmt. Preservation

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.12.01.20022, 2021CPT.12.01.20492	10	

## 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	1803500000-E	1820000000-E	1838000000-E	2143000000-E		
												ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	BLOTTING SAND		
												MI	FT	SY	SY	GAL	TON
2021CPT.12.01.20022	Alexander	1	SR 1334 (MT. OLIVE CHURCH RD.)	FROM SR 1331 (LITTLE RIVER CHURCH RD.) TO SR 1335 (RUSSELL GAP RD.)	1	2		NO	NO	2.88	18	34,975	34,975	18,187	10		
2021CPT.12.01.20022	Alexander	2	SR 1429 (PLEASANT HILL CHURCH RD.)	FROM SR 1423 (OLD VASHTI RD.) TO SR 1412 (BLACK OAK RIDGE RD.)	1	2		NO	NO	2.01	20	27,122	27,122	14,103	20		
2021CPT.12.01.20022	Alexander	3	SR 1303 (HIDDEN VALLEY RD.)	FROM SR 1304 (MTN. RIDGE RD.) TO DEAD END	1	2		NO	NO	2.33	20	31,439	31,439	16,349	20		
2021CPT.12.01.20022	Alexander	4	SR 1347 (GUS PENNELL RD.)	FROM SR 1303 (HIDDEN VALLEY RD.) TO DEAD END	1	2		NO	NO	0.48	20	6,477	6,477	3,368	10		
2021CPT.12.01.20022	Alexander	5	SR 1310 (ROBINETTE RD.)	FROM SR 1334 (MT. OLIVE CHURCH RD.) TO END OF PVMT.	1	2		NO	NO	1.66	18	20,159	20,159	10,483	20		
2021CPT.12.01.20022	Alexander	6	SR 1313 (THREE FORKS CHURCH RD.)	FROM NC 90 TO SR 1311 (GILL CHILDRESS RD.)	1	2		NO	NO	5.95	18	72,257	72,257	37,574	60		
2021CPT.12.01.20022	Alexander	7	SR 1307 (ALL HEALING SPRINGS RD.)	FROM SR 1313 (THREE FORKS CHURCH RD.) TO SR 1310 (ROBINETTE RD.)	1	2		NO	NO	3.55	18	43,111	43,111	22,418	40		
2021CPT.12.01.20022	Alexander	8	SR 1412 (BLACK OAK RIDGE RD.)	FROM SR 1404 (DANIELS LUMBER RD.) TO SR 1403 (VASHTI RD.)	1	2		NO	NO	3.51	20	47,362	47,362	24,628	40		
<b>TOTAL FOR PROJ NO. 2021CPT.12.01.20022</b>												<b>22.37</b>		<b>282,902</b>	<b>282,902</b>	<b>147,110</b>	<b>220</b>
2021CPT.12.01.20492	Iredell	9	SR 1590 (BROOKHAVEN RD.)	FROM ALEX. COUNTY LINE TO NC 115	1	2		NO	NO	3.77	18	45,783	45,783	23,807	40		
2021CPT.12.01.20492	Iredell	10	SR 1526 (NEW STERLING RD.)	FROM SR 1005 (OLD MTN. RD.) TO SR 1529 (SHARON SCHOOL RD.)	1	2		NO	NO	3.01	18	36,553	36,553	19,008	30		
2021CPT.12.01.20492	Iredell	11	SR 1583 (MOUNTAIN VIEW RD.)	FROM NC 115 TO SR 1614 (MOUNTAIN VIEW RD.)	1	2		NO	NO	1.7	20	22,939	22,939	11,928	20		
2021CPT.12.01.20492	Iredell	12	SR 1524 (POPE FARM RD.)	FROM SR 1006 (ISLAND FORD RD.) TO SR 1526 (NEW STERLING RD.)	1	2		NO	NO	1.94	20	26,177	26,177	13,612	20		
2021CPT.12.01.20492	Iredell	13	SR 1828 (BARNARD MILL RD.)	FROM US 21 TO END PVMT.	1	2		NO	NO	1.32	18	16,030	16,030	8,336	10		
2021CPT.12.01.20492	Iredell	14	SR 1579 (JOHNSON FARM RD.)	FROM ALEXANDER COUNTY LINE TO SR 1577 (PISGAH RIDGE CIRCLE)	1	2		NO	NO	1.13	20	15,247	15,247	7,929	10		
2021CPT.12.01.20492	Iredell	15	SR 1860 (GOFORTH RD.)	FROM SR 1862 (MEYERS MILL RD.) TO SR 1861 (TRUMPET BRANCH RD.)	1	2		NO	NO	1.16	18	14,087	14,087	7,325	10		
2021CPT.12.01.20492	Iredell	16	SR 1904 (FORD FARM RD.)	FROM SR 1572 (HILL DAIRY RD.) TO SR 1903 (SNOW CREEK RD.)	1	2		NO	NO	1.01	20	13,628	13,628	7,087	10		
2021CPT.12.01.20492	Iredell	17	SR 1607 (SANDBURG RD.)	FROM SR 1598 (LINNEYS MILL RD.) TO NC 115	1	2		NO	NO	2.35	20	31,709	31,709	16,489	20		
2021CPT.12.01.20492	Iredell	18	SR 1880 (MT. VERNON CHURCH RD.)	FROM SR 1892 (JENNINGS RD.) TO SR 1896 (FRIENDSHIP RD.)	1	2		NO	NO	2.33	20	31,439	31,439	16,349	20		
2021CPT.12.01.20492	Iredell	19	SR 1908 (BRANCHWOOD RD.)	FROM SR 1907 (S. CHIPLEY FORD RD.) TO END PVMT.	1	2		NO	NO	0.37	18	4,493	4,493	2,337	10		
2021CPT.12.01.20492	Iredell	20	SR 2129 (DYSON RD.)	FROM NC 90 TO SR 2126 (SHEFIELD RD.)	1	2		NO	NO	0.97	18	11,780	11,780	6,125	10		
2021CPT.12.01.20492	Iredell	21	SR 1598 (LINNEYS MILL RD.)	FROM ALEXANDER COUNTY LINE TO NC 115	1	2		NO	NO	4.31	18	52,341	52,341	27,217	40		
2021CPT.12.01.20492	Iredell	22	SR 1832 (EAGLE MILL RD./UNION GROVE RD.)	FROM SR 1817 (ZION LIBERTY RD.) TO NC 901	1	2		NO	NO	5.45	20	73,539	73,539	38,240	50		
2021CPT.12.01.20492	Iredell	23	SR 2117 (KENNESAW RD.)	FROM SR 2115 (E. HOUSTONVILLE RD.) TO SR 2120 (POWELL BRIDGE RD.)	1	2		NO	NO	1.83	20	24,693	24,693	12,840	20		
2021CPT.12.01.20492	Iredell	24	SR 1582 (DAMASCUS CHURCH RD.)	FROM NC 115 TO DEAD END	1	2		NO	NO	0.68	18	8,258	8,258	4,294	10		
2021CPT.12.01.20492	Iredell	25	SR 1839 (COUNTRYSIDE RD.)	FROM SR 1838 (IVYDALE RD.) TO US 21	1	2		NO	NO	1.28	20	17,271	17,271	8,981	10		
2021CPT.12.01.20492	Iredell	26	SR 1500 (LOOKOUT DAMN RD.)	FROM SR 1501 (WALNUT TREE RD.) TO SR 1502 (SHARON SCHOOL RD.)	1	2		NO	NO	1.29	18	15,666	15,666	8,146	10		
<b>TOTAL FOR PROJ NO. 2021CPT.12.01.20492</b>												<b>35.9</b>		<b>461,633</b>	<b>461,633</b>	<b>240,050</b>	<b>350</b>
<b>GRAND TOTAL</b>												<b>58.27</b>		<b>744,535</b>	<b>744,535</b>	<b>387,160</b>	<b>570</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.12.01.20022, 2021CPT.12.01.20492	11	

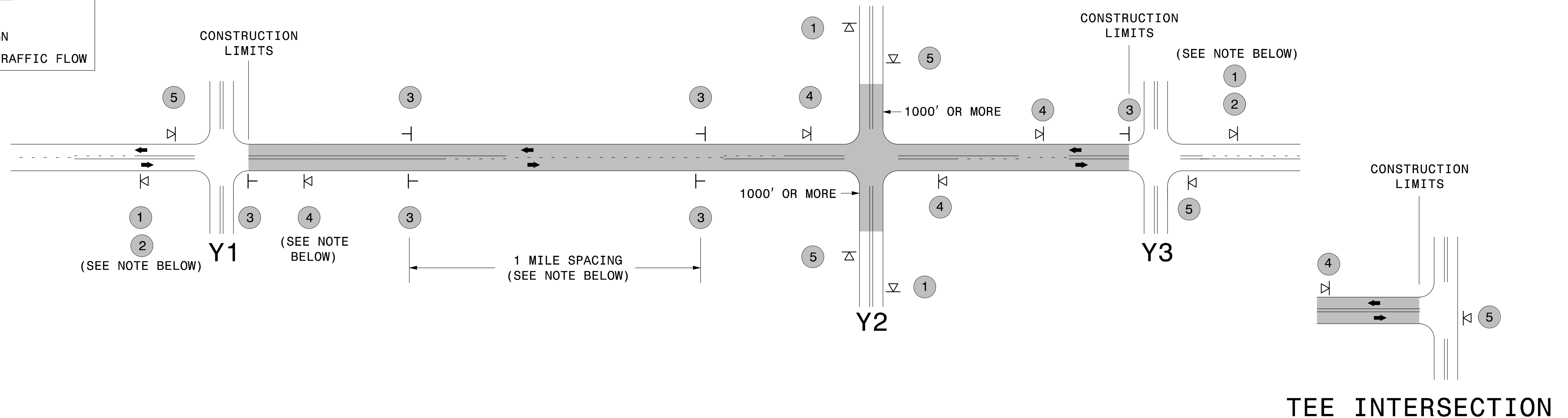
**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		WIDTH	4400000000-E	4457000000-N	4810000000-E	4810000000-E
								MI	FT		WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" WHITE PAINT	4" YELLOW PAINT
								SF	LS	LF	LF			
2021CPT.12.01.20022	Alexander	1	SR 1334 (MT. OLIVE CHURCH RD.)	FROM SR 1331 (LITTLE RIVER CHURCH RD.) TO SR 1335 (RUSSELL GAP RD.)	1	2		2.88	18		325	*	62,000	62,000
2021CPT.12.01.20022	Alexander	2	SR 1429 (PLEASANT HILL CHURCH RD.)	FROM SR 1423 (OLD VASHTI RD.) TO SR 1412 (BLACK OAK RIDGE RD.)	1	2		2.01	20		225	*	43,255	43,255
2021CPT.12.01.20022	Alexander	3	SR 1303 (HIDDEN VALLEY RD.)	FROM SR 1304 (MTN. RIDGE RD.) TO DEAD END	1	2		2.33	20		260	*	50,142	50,142
2021CPT.12.01.20022	Alexander	4	SR 1347 (GUS PENNELL RD.)	FROM SR 1303 (HIDDEN VALLEY RD.) TO DEAD END	1	2		0.48	20		55	*	10,330	10,330
2021CPT.12.01.20022	Alexander	5	SR 1310 (ROBINETTE RD.)	FROM SR 1334 (MT. OLIVE CHURCH RD.) TO END OF PVMT.	1	2		1.66	18		185	*	35,725	35,725
2021CPT.12.01.20022	Alexander	6	SR 1313 (THREE FORKS CHURCH RD.)	FROM NC 90 TO SR 1311 (GILL CHILDRESS RD.)	1	2		5.95	18		670	*	128,044	128,044
2021CPT.12.01.20022	Alexander	7	SR 1307 (ALL HEALING SPRINGS RD.)	FROM SR 1313 (THREE FORKS CHURCH RD.) TO SR 1310 (ROBINETTE RD.)	1	2		3.55	18		400	*	76,396	76,396
2021CPT.12.01.20022	Alexander	8	SR 1412 (BLACK OAK RIDGE RD.)	FROM SR 1404 (DANIELS LUMBER RD.) TO SR 1403 (VASHTI RD.)	1	2		3.51	20		400	*	75,535	75,535
<b>TOTAL FOR PROJ NO. 2021CPT.12.01.20022</b>								<b>22.37</b>			<b>2,520</b>	<b>*</b>	<b>481,427</b>	<b>481,427</b>
2021CPT.12.01.20492	Iredell	9	SR 1590 (BROOKHAVEN RD.)	FROM ALEX. COUNTY LINE TO NC 115	1	2		3.77	18		425	*	81,130	81,130
2021CPT.12.01.20492	Iredell	10	SR 1526 (NEW STERLING RD.)	FROM SR 1005 (OLD MTN. RD.) TO SR 1529 (SHARON SCHOOL RD.)	1	2		3.01	18		335	*	64,775	64,775
2021CPT.12.01.20492	Iredell	11	SR 1583 (MOUNTAIN VIEW RD.)	FROM NC 115 TO SR 1614 (MOUNTAIN VIEW RD.)	1	2		1.7	20		190	*	36,584	36,584
2021CPT.12.01.20492	Iredell	12	SR 1524 (POPE FARM RD.)	FROM SR 1006 (ISLAND FORD RD.) TO SR 1526 (NEW STERLING RD.)	1	2		1.94	20		220	*	41,749	41,749
2021CPT.12.01.20492	Iredell	13	SR 1828 (BARNARD MILL RD.)	FROM US 21 TO END PVMT.	1	2		1.32	18		150	*	28,406	28,406
2021CPT.12.01.20492	Iredell	14	SR 1579 (JOHNSON FARM RD.)	FROM ALEXANDER COUNTY LINE TO SR 1577 (PISGAH RIDGE CIRCLE)	1	2		1.13	20		130	*	24,318	24,318
2021CPT.12.01.20492	Iredell	15	SR 1860 (GOFORTH RD.)	FROM SR 1862 (MEYERS MILL RD.) TO SR 1861 (TRUMPET BRANCH RD.)	1	2		1.16	18		130	*	24,963	24,963
2021CPT.12.01.20492	Iredell	16	SR 1904 (FORD FARM RD.)	FROM SR 1572 (HILL DAIRY RD.) TO SR 1903 (SNOW CREEK RD.)	1	2		1.01	20		115	*	21,735	21,735
2021CPT.12.01.20492	Iredell	17	SR 1607 (SANDBURG RD.)	FROM SR 1598 (LINNEYS MILL RD.) TO NC 115	1	2		2.35	20		265	*	50,572	50,572
2021CPT.12.01.20492	Iredell	18	SR 1880 (MT. VERNON CHURCH RD.)	FROM SR 1892 (JENNINGS RD.) TO SR 1896 (FRIENDSHIP RD.)	1	2		2.33	20		265	*	50,142	50,142
2021CPT.12.01.20492	Iredell	19	SR 1908 (BRANCHWOOD RD.)	FROM SR 1907 (S. CHIPLEY FORD RD.) TO END PVMT.	1	2		0.37	18		45	*	7,962	7,962
2021CPT.12.01.20492	Iredell	20	SR 2129 (DYSON RD.)	FROM NC 90 TO SR 2126 (SHEFIELD RD.)	1	2		0.97	18		110	*	20,874	20,874
2021CPT.12.01.20492	Iredell	21	SR 1598 (LINNEYS MILL RD.)	FROM ALEXANDER COUNTY LINE TO NC 115	1	2		4.31	18		485	*	92,751	92,751
2021CPT.12.01.20492	Iredell	22	SR 1832 (EAGLE MILL RD./UNION GROVE RD.)	FROM SR 1817 (ZION LIBERTY RD.) TO NC 901	1	2		5.45	20		610	*	117,284	117,284
2021CPT.12.01.20492	Iredell	23	SR 2117 (KENNESAW RD.)	FROM SR 2115 (E. HOUSTONVILLE RD.) TO SR 2120 (POWELL BRIDGE RD.)	1	2		1.83	20		205	*	39,382	39,382
2021CPT.12.01.20492	Iredell	24	SR 1582 (DAMASCUS CHURCH RD.)	FROM NC 115 TO DEAD END	1	2		0.68	18		80	*	14,634	14,634
2021CPT.12.01.20492	Iredell	25	SR 1839 (COUNTRYSIDE RD.)	FROM SR 1838 (IVYDALE RD.) TO US 21	1	2		1.28	20		145	*	27,546	27,546
2021CPT.12.01.20492	Iredell	26	SR 1500 (LOOKOUT DAMN RD.)	FROM SR 1501 (WALNUT TREE RD.) TO SR 1502 (SHARON SCHOOL RD.)	1	2		1.29	18		145	*	27,761	27,761
<b>TOTAL FOR PROJ NO. 2021CPT.12.01.20492</b>								<b>35.9</b>			<b>4,050</b>	<b>*</b>	<b>772,568</b>	<b>772,568</b>
<b>GRAND TOTAL</b>								<b>58.27</b>			<b>6,570</b>	<b>1</b>	<b>1,253,995</b>	<b>1,253,995</b>

## SIGNING FOR ASPHALT SURFACE TREATMENT

**LEGEND**

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



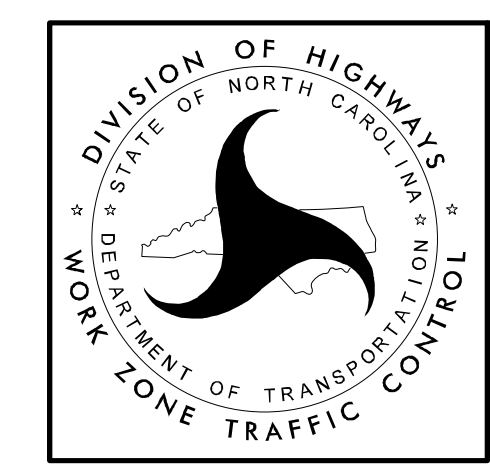
### MAINLINE (-L-) SIGNING

### -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**

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