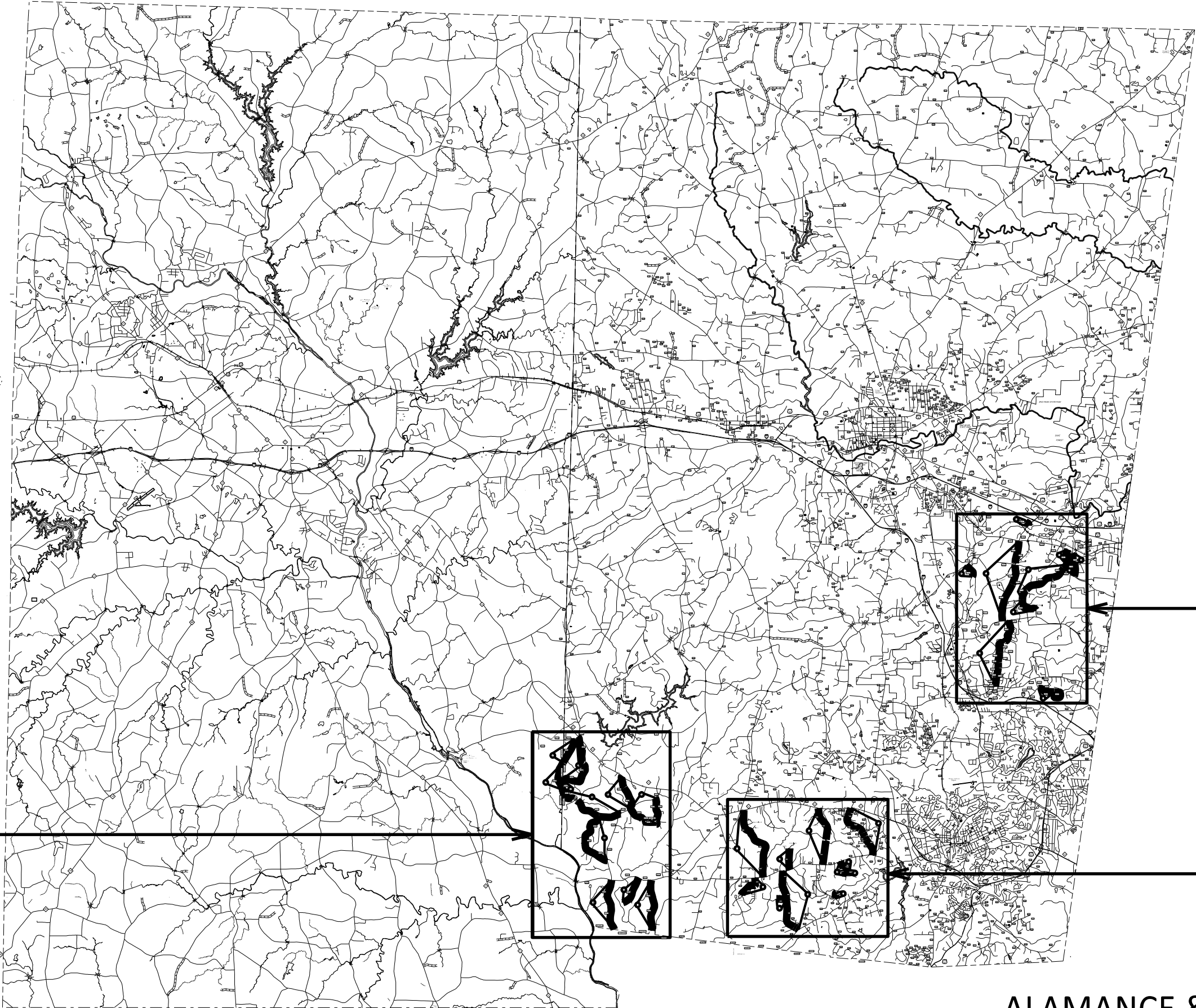


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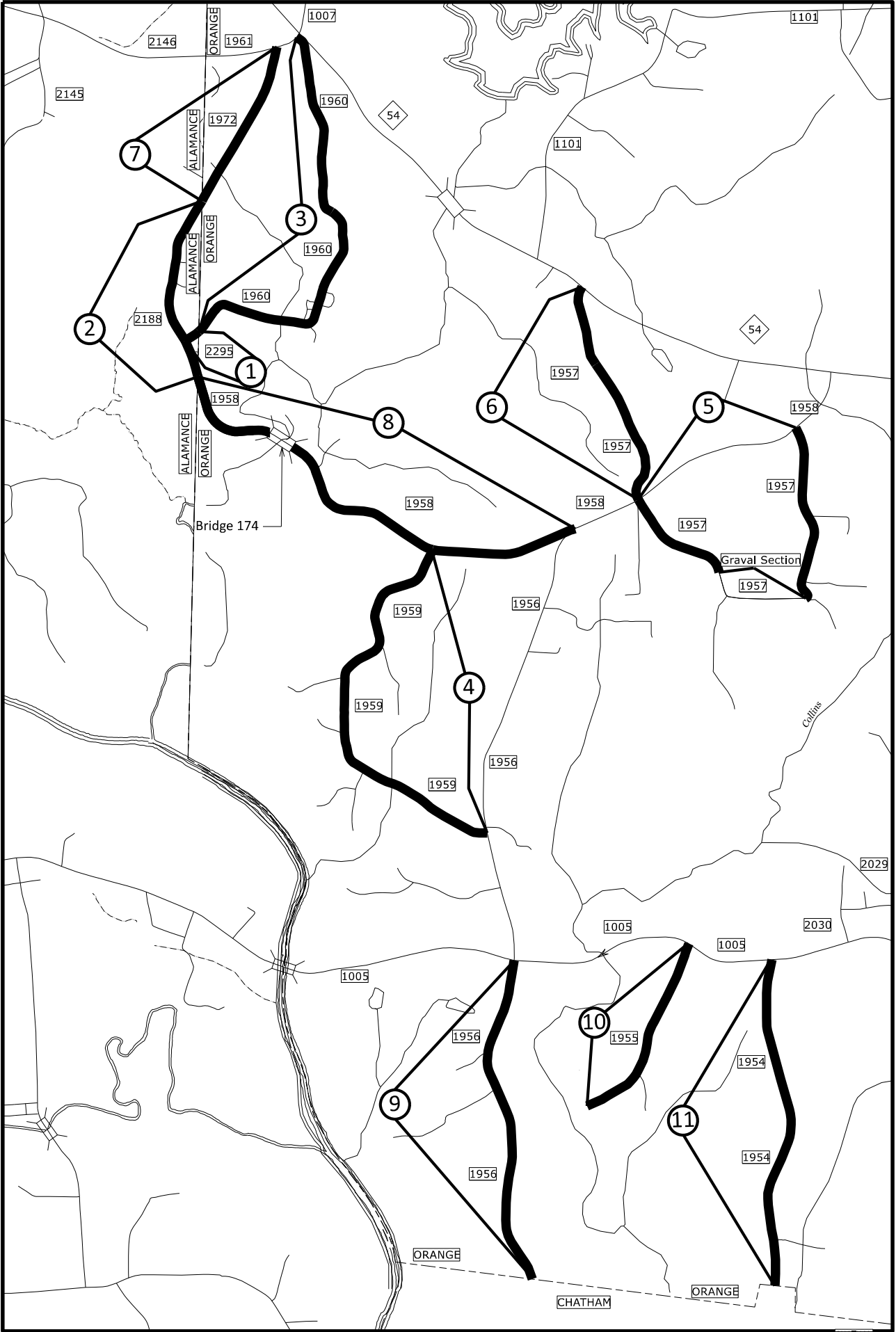
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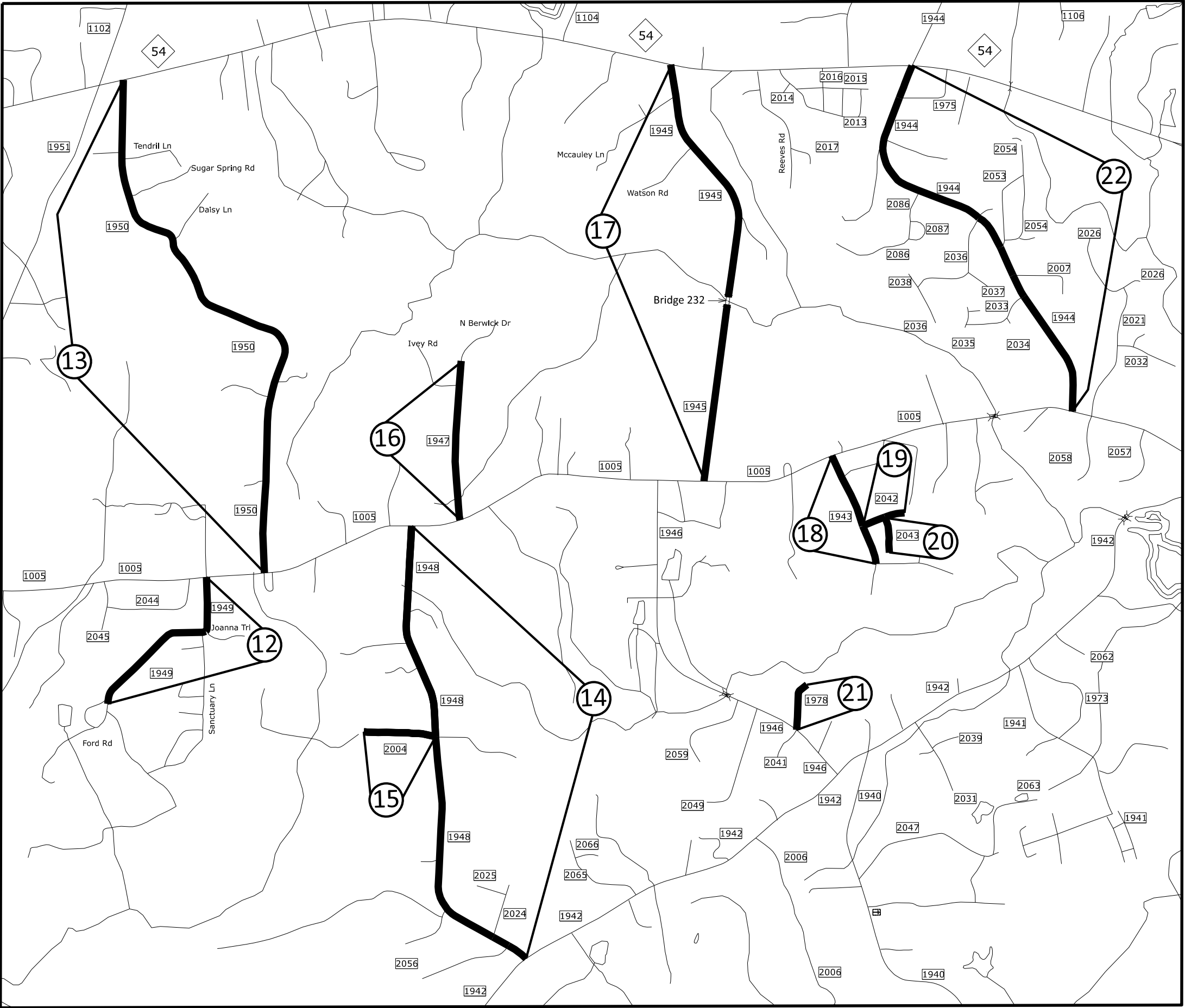
SHEET 2

SHEET 4

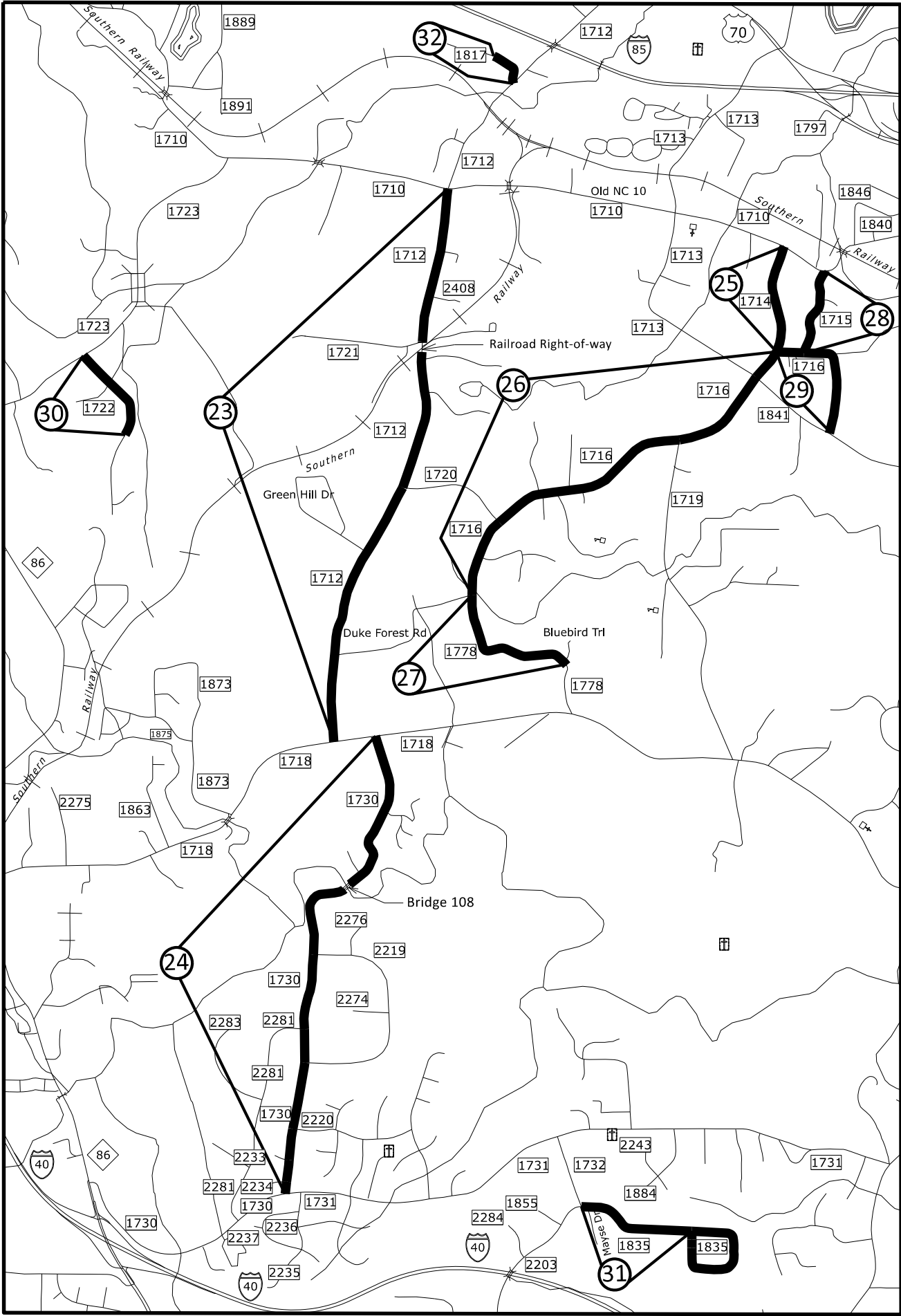
SHEET 3



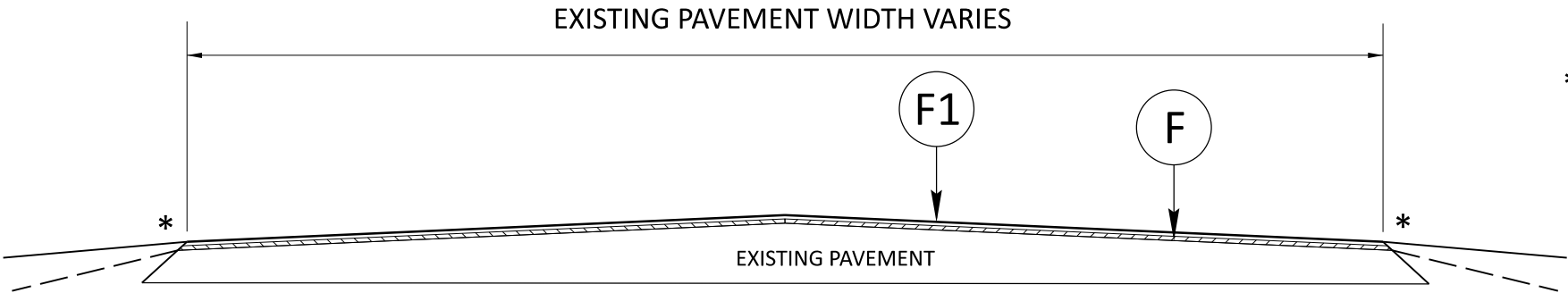
- Map 1 SR 2295 - Lloydtown Rd
- Map 2 SR 2188 - Morrow Mill Rd
- Map 3 SR 1960 - Lloydtown Rd
- Map 4 SR 1959 - Millikan Rd
- Map 5 SR 1957 - Gold Mine Loop
- *Do Not Pave Graval Section
- Map 6 SR 1957 - Gold Mine Loop
- Map 7 SR 1972 - Morrow Mill Rd
- Map 8 SR 1958 - Morrow Mill Rd
- * Do Not Pave Bridge #174
- Map 9 SR 1956 - Crawford Dairy Rd
- Map 10 SR 1955 - Dawson Rd
- Map 11 SR 1954 - Collins Mountain Rd



- Map 12 SR 1949 - Ford Rd
- Map 13 SR 1950 - Carl Durham Rd
- Map 14 SR 1948 - Ferguson Rd
- Map 15 SR 2004 - Willis Rd
- Map 16 SR 1947 - Ivey Rd
- Map 17 SR 1945 - Neville Rd
- *Do Not Pave Bridge #232
- Map 18 SR 1943 - Sesame Rd
- Map 19 SR 2042 - Pineview Dr
- Map 20 SR 2043 - Pineview Rd
- Map 21 SR 1978 - Stansbury Rd
- Map 22 SR 1944 - Hatch Rd



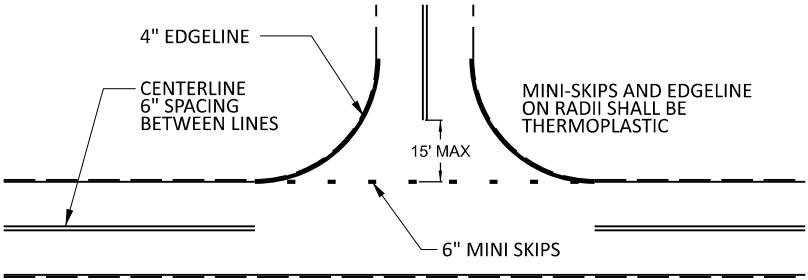
- Map 23 SR 1712 - University Station Rd
* Stay out of railroad right-of-way 50 FT each side of the track.
- Map 24 SR 1730 - Turkey Farm Rd
*Do Not Pave Bridge #108
- Map 25 SR 1714 - Murphey School Rd
- Map 26 SR 1716 - Murphey School Rd
- Map 27 SR 1778 - Murphey School Rd
- Map 28 SR 1715 - Dove Creek Rd
- Map 29 SR 1716 - Couch Mountain Rd
- Map 30 SR 1722 - Bumphus Rd
- Map 31 SR 1835 - Oak Hill Rd
- Map 32 SR 1817 - Station Rd



*NOTE:
THE SURFACE TO BE TREATED SHALL BE CLEANED
TO THE SATISFACTION OF THE INSPECTOR PRIOR
TO STARTING ON EACH MAP

TYPICAL SECTION NO. 1

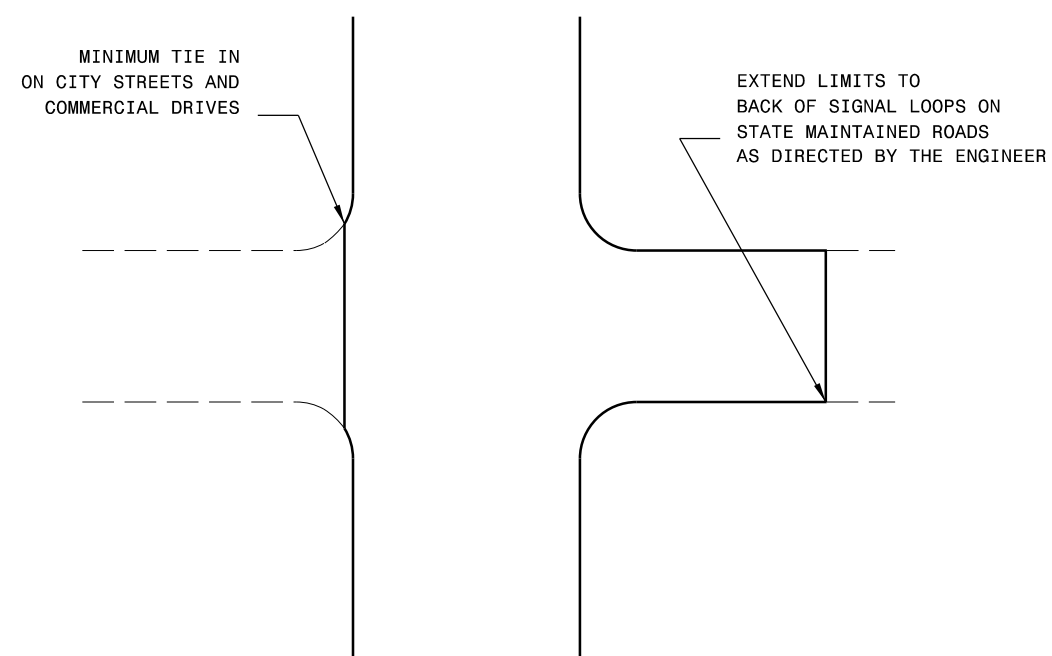
Map 1	SR 2295 - Lloydtown Rd	Map 17	SR 1945 - Neville Rd
Map 2	SR 2188 - Morrow Mill Rd	Map 18	SR 1943 - Sesame Rd
Map 3	SR 1960 - Lloydtown Rd	Map 19	SR 2042 - Pineview Dr
Map 4	SR 1959 - Millikan Rd	Map 20	SR 2043 - Pineview Rd
Map 5	SR 1957 - Gold Mine Loop	Map 21	SR 1978 - Stansbury Rd
Map 6	SR 1957 - Gold Mine Loop	Map 22	SR 1944 - Hatch Rd
Map 7	SR 1972 - Morrow Mill Rd	Map 23	SR 1712 - University Station Rd
Map 8	SR 1958 - Morrow Mill Rd	Map 24	SR 1730 - Turkey Farm Rd
Map 9	SR 1956 - Crawford Dairy Rd	Map 25	SR 1714 - Murphey School Rd
Map 10	SR 1955 - Dawson Rd	Map 26	SR 1716 - Murphey School Rd
Map 11	SR 1954 - Collins Mountain Rd	Map 27	SR 1778 - Murphey School Rd
Map 12	SR 1949 - Ford Rd	Map 28	SR 1715 - Dove Creek Rd
Map 13	SR 1950 - Carl Durham Rd	Map 29	SR 1716 - Couch Mountain Rd
Map 14	SR 1948 - Ferguson Rd	Map 30	SR 1722 - Bumphus Rd
Map 15	SR 2004 - Willis Rd	Map 31	SR 1835 - Oak Hill Rd
Map 16	SR 1947 - Ivey Rd	Map 32	SR 1817 - Station Rd



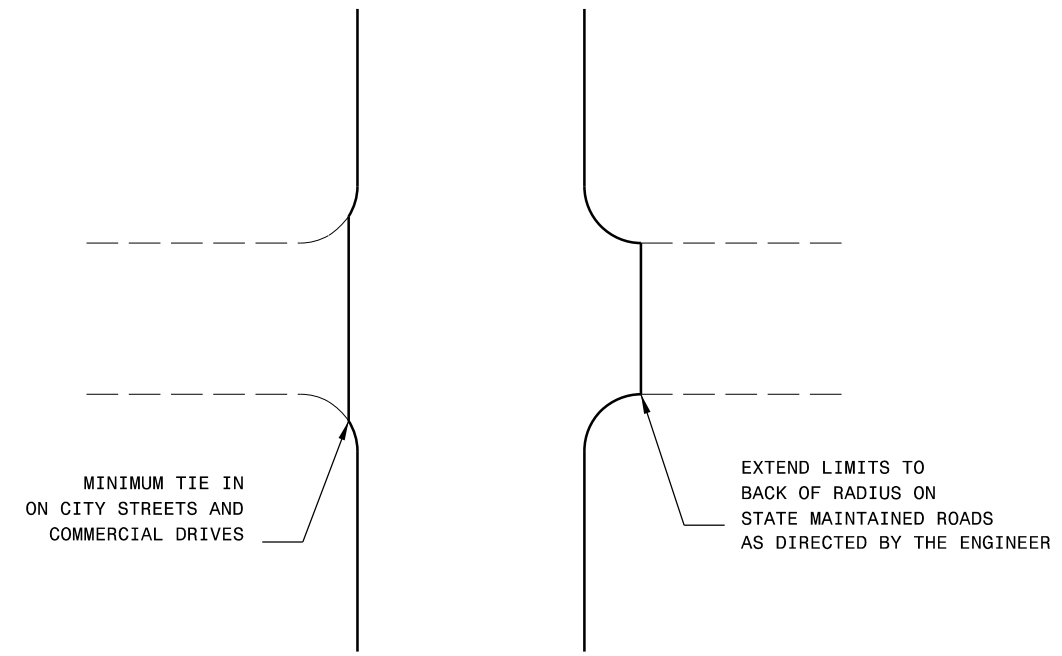
NOTE: MINI SKIPS SHALL BE PLACED ON A 8' CYCLE, CONTAINING
A 6' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

TO BE USED AT ALL
NON-SIGNALIZED INTERSECTIONS
(NOT TO SCALE)

PAVEMENT SCHEDULE	
F	AST DOUBLE SEAL
F1	FOG SEAL



TYPICAL DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

Extend paving limits to back of radius
or loop on the following intersections:

[illegible]

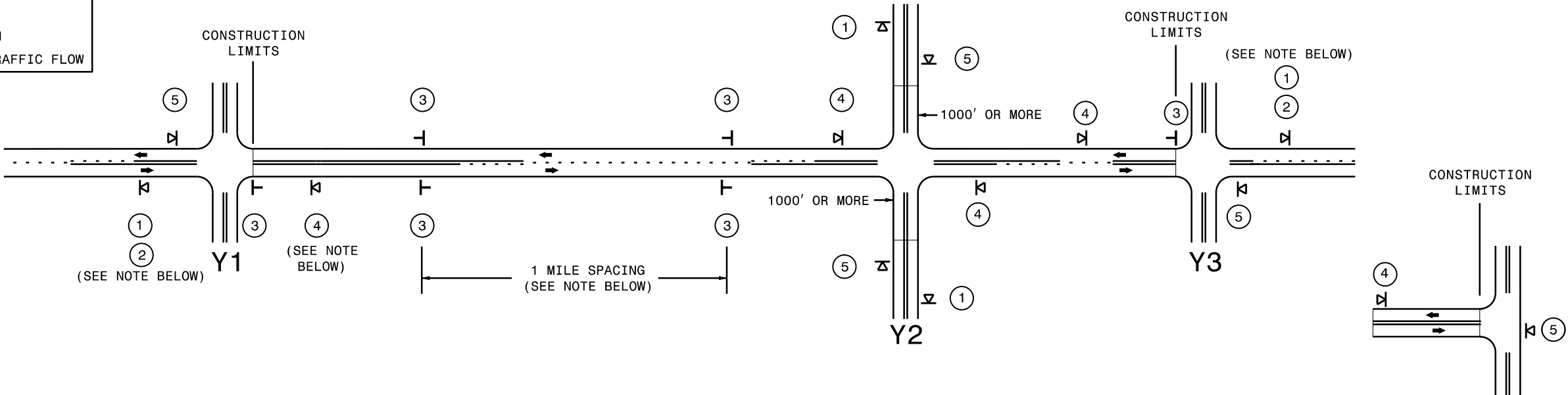
SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

PORTABLE SIGN

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

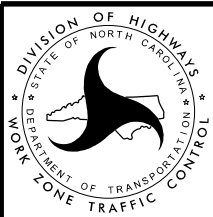
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 ROAD WORK AHEAD W20-1 48" X 48" 2 NEXT XX MILES W7-3aP 24" X 18" - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. - 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.	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.
	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.	
PS LESS 2 MILES	FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, INSTALL A PORTABLE MOUNTED LOOSE GRAVEL (W8-7) SIGN AT THE BEGINNING CONSTRUCTION LIMIT, AN UNMARKED PAVEMENT (SP) SIGN MIDWAY THROUGH AND AN END ROAD WORK (G20-2A) SIGN AT THE END CONSTRUCTION LIMIT.	
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL A ASF		

MAPS LESS
THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, INSTALL A PORTABLE MOUNTED LOOSE GRAVEL (W8-7) SIGN AT THE BEGINNING CONSTRUCTION LIMIT, AN UNMARKED PAVEMENT (SP) SIGN MIDWAY THROUGH AND AN END ROAD WORK (G20-2A) SIGN AT THE END CONSTRUCTION LIMIT.



ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.07.06.20012, 2027CPT.07.06.20682	9	9

SUMMARY OF QUANTITIES

											18035000000-E	18200000000-E	18380000000-E	18385000000-N	44130000000-E	44570000000-N	46880000000-E	47040000000-E	47090000000-E	47200000000-E			
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH MI	WIDTH FT	BEGIN MP	END MP	ASPHALT SURFACE TREATMENT, DOUBLE SEAL SY	ASPHALT SURFACE TREATMENT, FOG SEAL SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	VACUUM TRUCK WK	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	6" X 90 M WHITE THERMO LF	6" X 90 M YELLOW THERMO LF	16" X 90 M WHITE THERMO LF	24" X 90 M WHITE THERMO LF	THERMO MSG STOP 90 M EA	THERMO MSG AHEAD 90 M EA	THERMO RXR 90 M EA
2027CPT.07.06.20682	Orange	17	SR-1945 / NEVILLE RD	FROM NC 54 TO SR 1005 - OLD GREENSBORO RD	1	2	1.66	20.50	0.00	1.66	18,587	18,587	10,223										
TOTAL FOR MAP NO. 17							1.66				18,587	18,587	10,223				16,500	14,000					
2027CPT.07.06.20682	Orange	18	SR-1943 / SESAME RD	FROM SR 1005 - OLD GREENSBORO RD TO END MAINT	1	2	0.44	18.00	0.00	0.44	4,743	4,743	2,609				16,500	14,000					
TOTAL FOR MAP NO. 18							0.44				4,743	4,743	2,609										
2027CPT.07.06.20682	Orange	19	SR-2042 / PINEVIEW DR	FROM SR 1943 - SESAME RD TO END MAINT	1	2	0.16	17.50	0.00	0.16	1,760	1,760	968										
TOTAL FOR MAP NO. 19							0.16				1,760	1,760	968										
2027CPT.07.06.20682	Orange	20	SR-2043 / PINEVIEW RD	FROM SR 2042 - PINEVIEW DR TO END MAINT	1	2	0.13	16.50	0.00	0.13	1,228	1,228	676										
TOTAL FOR MAP NO. 20							0.13				1,228	1,228	676										
2027CPT.07.06.20682	Orange	21	SR-1978 / STANSBURY RD	FROM SR 1946 - BOWDEN RD TO END MAINT	1	2	0.21	18.00	0.00	0.21	1,840	1,840	1,012										
TOTAL FOR MAP NO. 21							0.21				1,840	1,840	1,012										
2027CPT.07.06.20682	Orange	22	SR-1944 / HATCH RD	FROM SR 1005 - OLD GREENSBORO RD TO NC 54	1	2	1.65	21.50	0.00	1.65	21,832	21,832	12,008										
TOTAL FOR MAP NO. 22							1.65				21,832	21,832	12,008				17,500	15,358					
2027CPT.07.06.20682	Orange	23	SR-1712 / UNIVERSITY STATION RD	FROM SR 1710 - OLD NC 10 TO SR 1718 - MT SINAI RD	1	2	2.31	20.50	1.30	3.61	28,684	28,684	15,776				17,500	15,358					
TOTAL FOR MAP NO. 23							2.31				28,684	28,684	15,776		257		24,660	23,850	90	64	8	5	4
2027CPT.07.06.20682	Orange	24	SR-1730 / TURKEY FARM RD	FROM SR 1718 - MT SINAI RD TO SR 1731 - WHITFIELD RD	1	2	1.95	21.00	0.00	1.95	25,857	25,857	14,221		257		24,660	23,850	90	64	8	5	4
TOTAL FOR MAP NO. 24							1.95				25,857	25,857	14,221		226		21,500	20,820					
2027CPT.07.06.20682	Orange	25	SR-1714 / MURPHY SCHOOL RD	FROM SR 1710 - OLD NC 10 TO SR 1716 - COUCH MOUNTAIN RD	1	2	0.44	21.00	0.00	0.44	5,098	5,098	2,804		226		21,500	20,820					
TOTAL FOR MAP NO. 25							0.44				5,098	5,098	2,804				4,500	4,500					
2027CPT.07.06.20682	Orange	26	SR-1716 / MURPHY SCHOOL RD	FROM SR 1714 - MURPHY SCHOOL RD TO SR 1778 - MURPHY SCHOOL RD	1	2	1.69	20.50	1.83	3.52	22,732	22,732	12,503				4,500	4,500					
TOTAL FOR MAP NO. 26							1.69				22,732	22,732	12,503				18,500	18,500					
2027CPT.07.06.20682	Orange	27	SR-1778 / MURPHY SCHOOL RD	FROM SR 1716 - MURPHY SCHOOL RD TO END PVMT	1	2	0.51	20.50	0.00	0.51	6,594	6,594	3,627				18,500	18,500					
TOTAL FOR MAP NO. 27							0.51				6,594	6,594	3,627				6,000	6,000					
2027CPT.07.06.20682	Orange	28	SR-1715 / DOVE CREEK RD	FROM SR 1710 - OLD NC 10 TO SR 1716 - COUCH MOUNTAIN RD	1	2	0.35	19.00	1.28	1.63	3,716	3,716	2,044				6,000	6,000					
TOTAL FOR MAP NO. 28							0.35				3,716	3,716	2,044				3,600	3,600					
2027CPT.07.06.20682	Orange	29	SR-1716 / COUCH MOUNTAIN RD	FROM SR 1841 - W CORNWALLIS RD TO SR 1714 - MURPHY SCHOOL RD	1	2	0.23	18.50	1.59	1.82	6,294	6,294	3,462				3,600	3,600					
TOTAL FOR MAP NO. 29							0.23				6,294	6,294	3,462				5,800	5,800					
2027CPT.07.06.20682	Orange	30	SR-1722 / BUMPHUS RD	FROM SR 1723 - NEW HOPE CHURCH RD TO END PVMT	1	2	0.39	18.00	0.00	0.39	4,341	4,341	2,388				5,800	5,800					
TOTAL FOR MAP NO. 30							0.39				4,341	4,341	2,388										
2027CPT.07.06.20682	Orange	31	SR-1835 / OAK HILL RD	FROM SR 1732 - SUNRISE RD TO SR 1835 - OAK HILL RD	1	2	1.05	18.00	0.00	1.05	11,136	11,136	6,125										
TOTAL FOR MAP NO. 31							1.05				11,136	11,136	6,125				11,500	8,900					
2027CPT.07.06.20682	Orange	32	SR-1817 / STATION RD	FROM SR 1712 - UNIVERSITY STATION RD TO END MAINT	1	2	0.21	18.50	0.00	0.21	1,610	1,610	883				11,500	8,900					
TOTAL FOR MAP NO. 32							0.21				1,610	1,610	883										
TOTAL FOR PROJ NO. 2027CPT.07.06.20682							31.35				365,412	365,412	200,976	3.00	724	0.96	281,190	265,314	90	64	12	10	4
																	546,504				26		
GRAND TOTAL							32.50				379,104	379,104	208,507	4.00	724	1.00	293,500	277,624	90	64	12	10	4
																	571,124				26		