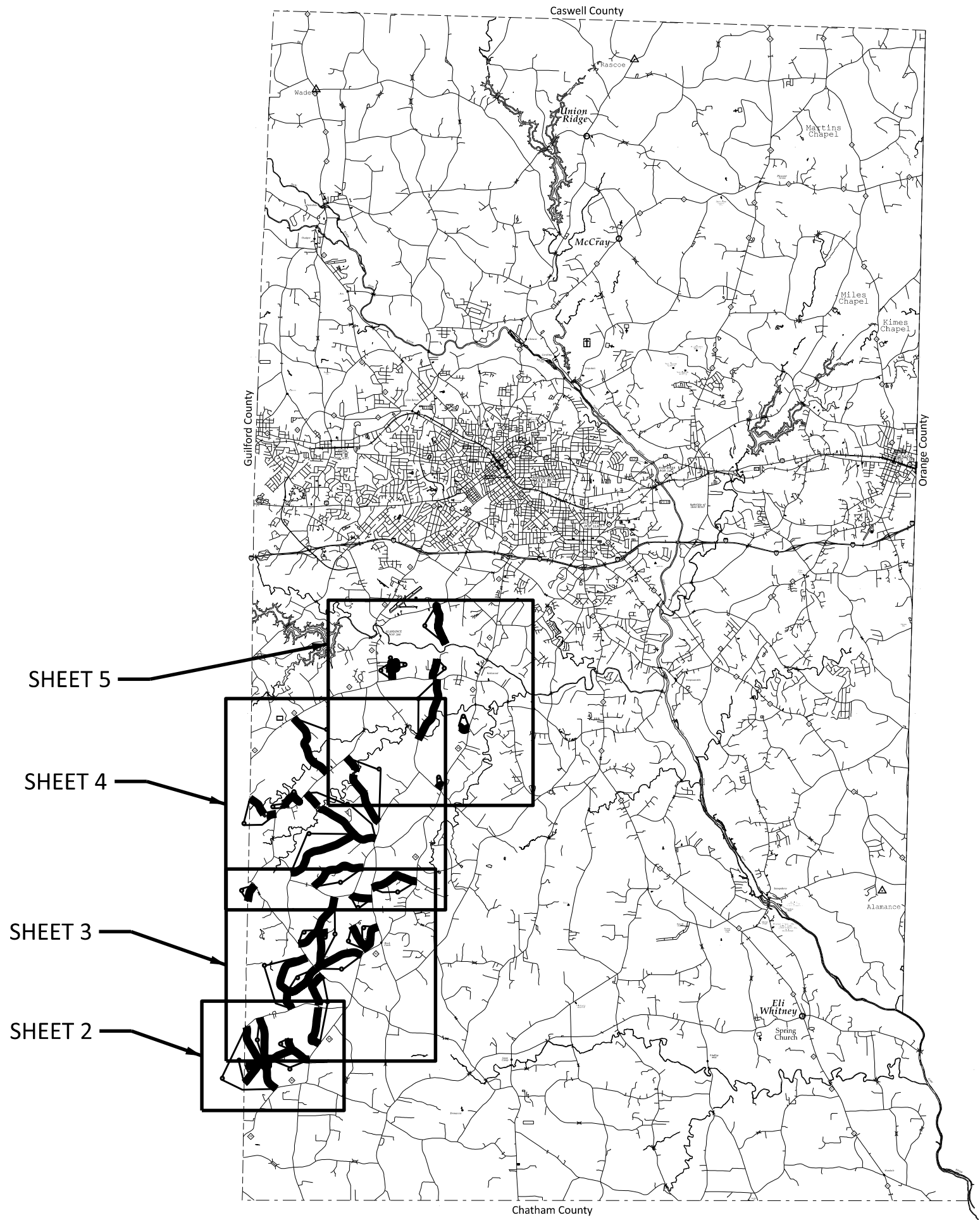


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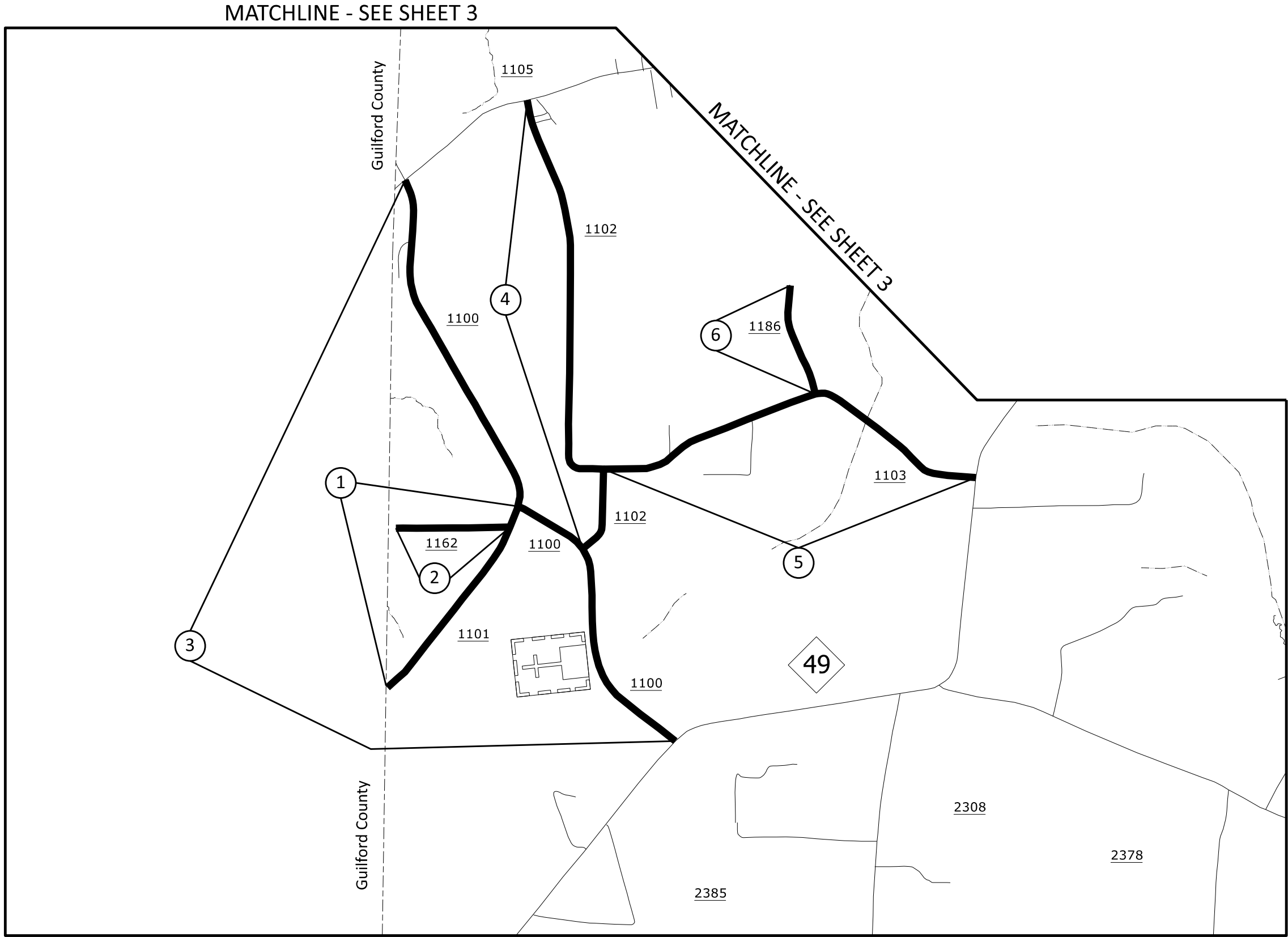
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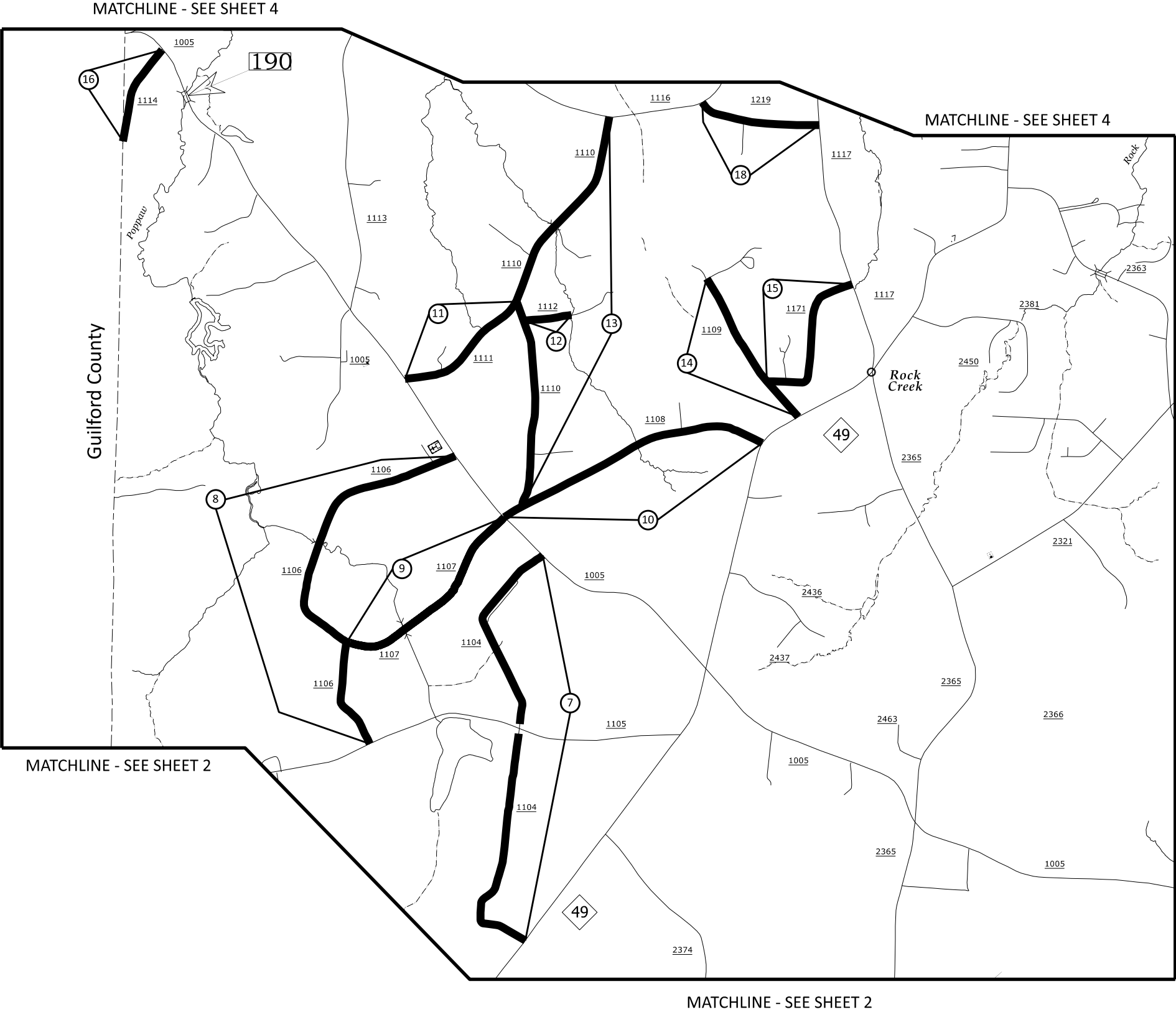
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.07.16.20012	1



ALAMANCE COUNTY
NORTH CAROLINA

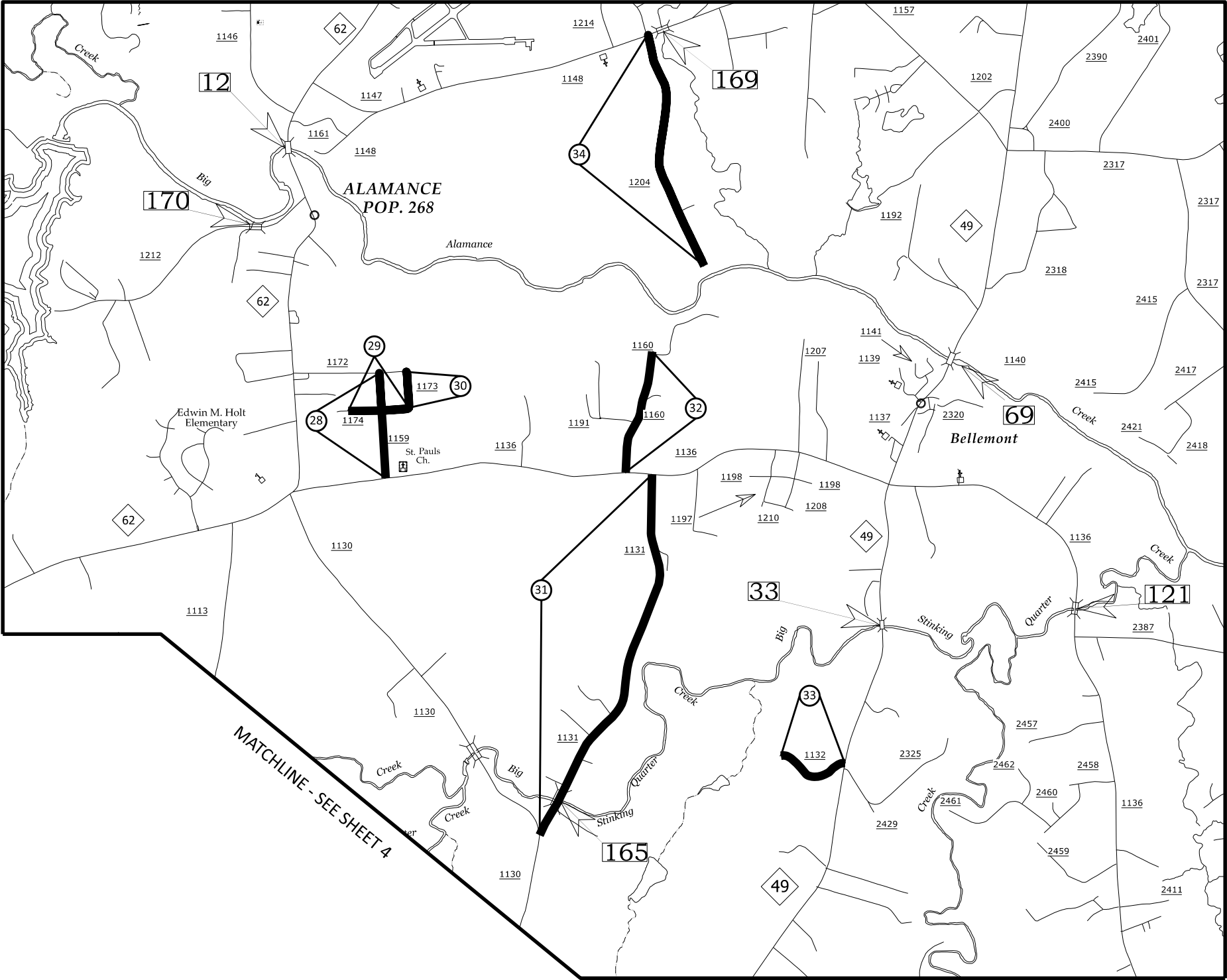


- | | |
|-------|--|
| Map 1 | SR 1101 - County Line Rd |
| Map 2 | SR 1162 - Oak Tree Lane |
| Map 3 | SR 1100 - Oak Grove Church Rd/
County Line Rd |
| Map 4 | SR 1102 - Garrett Rd |
| Map 5 | SR 1103 - Way Rd |
| Map 6 | SR 1186 - Bailey Lane |



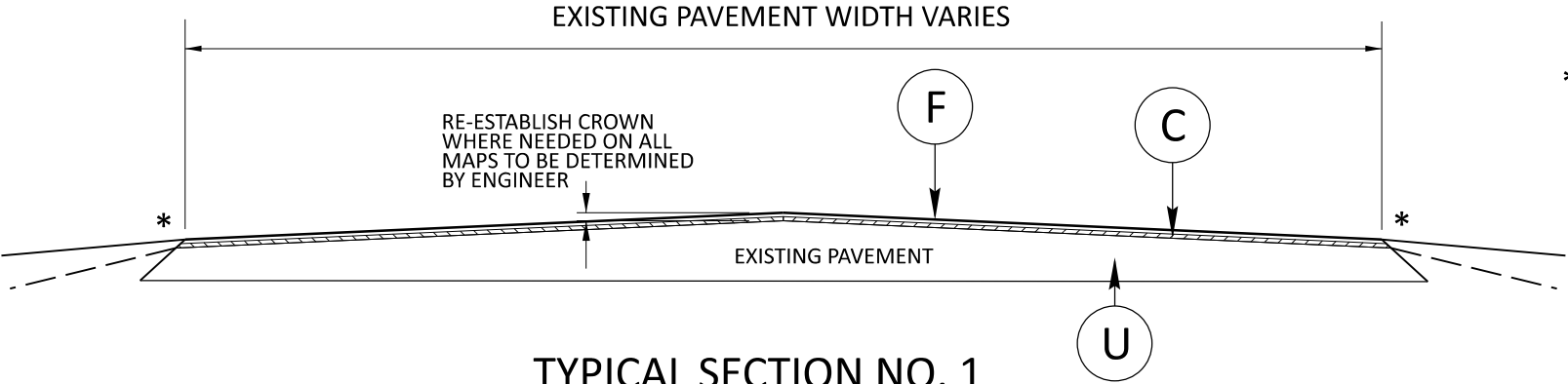
Map 7 SR 1104 - Oakdale Rd
*Skip SR 1105 - Timber Ridge Lake Rd

- Map 8 SR 1106 - Spoon Lane/Spoon Loop
- Map 9 SR 1107 - Spoon Loop
- Map 10 SR 1108 - Garner Rd
- Map 11 SR 1111 - Mt. Zion Rd
- Map 12 SR 1112 - Vernon Lane
- Map 13 SR 1110 - Jim Pickett Rd/Mt. Zion Rd
- Map 14 SR 1109 - Patterson Rd
- Map 15 SR 1171 - Bishop Rd
- Map 16 SR 1114 - Alamance County Line Rd
- Map 18 SR 1219 - Zion Rd

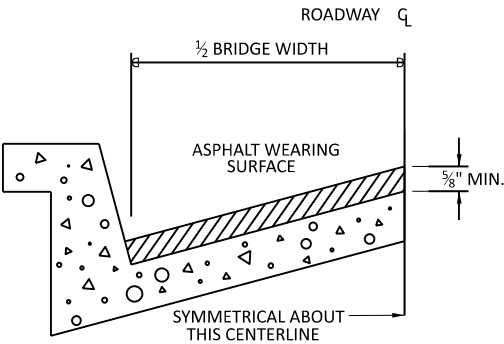


Map 28 SR 1159 - Ashe Dr
Map 29 SR 1174 - South Cedar Rd
Map 30 SR 1173 - Dogwood Rd
Map 31 SR 1131 - Doctor Pickett Rd
*Resurface Bridge #165

Map 32 SR 1160 - Rock Hill Rd
Map 33 SR 1132 - Callie Ln
Map 34 SR 1204 - Keck Dr



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

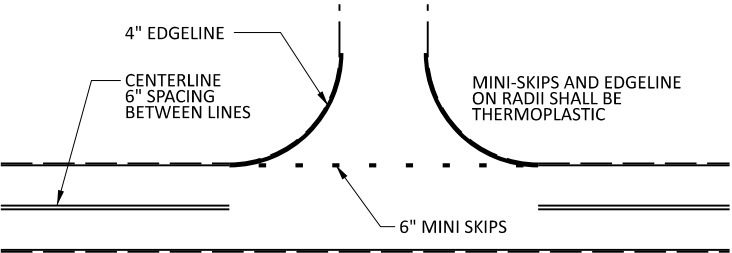


BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN. THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 3/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES
ALL UNPAVED S.R. ROUTES TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROUTES TO BE RESURFACED TO END OF RADDII, OR AS DIRECTED BY THE ENGINEER. EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES. BRIDGES TO BE RESURFACED AT LOCATIONS AND DEPTH AS DIRECTED BY THE ENGINEER.

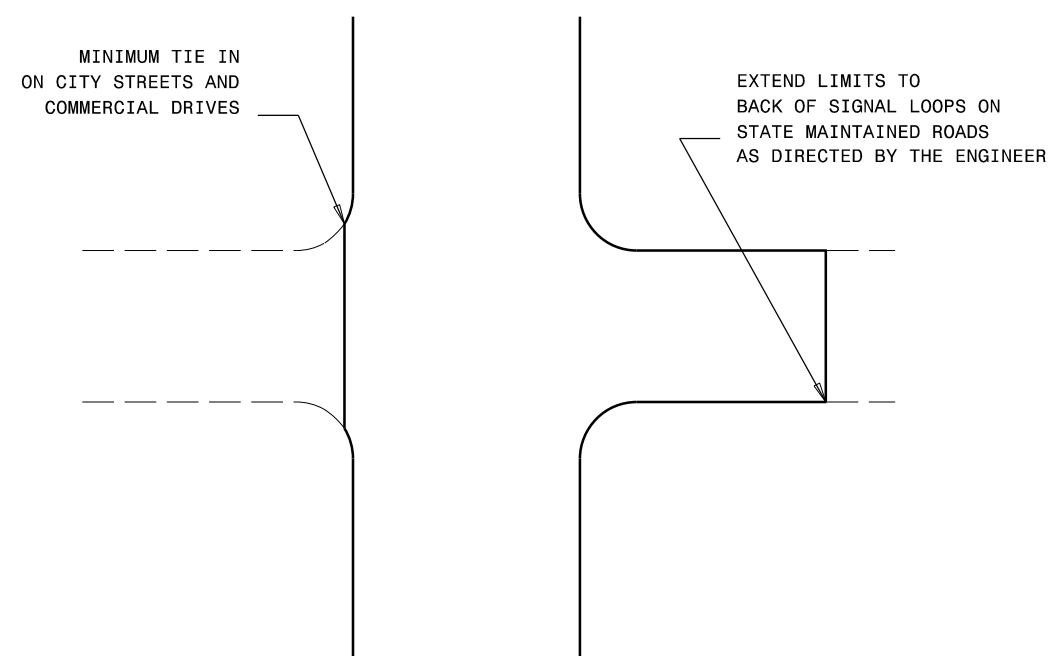
Map 1	SR 1101 - County Line Rd	Map 20	SR 1124 - Stafford Mill Rd
Map 2	SR 1162 - Oak Tree Lane	*Skip Bridge #161	
Map 3	SR 1100 - Oak Grove Church Rd/ County Line Rd	Map 21	SR 1195 - Quarter Creek Lane
Map 4	SR 1102 - Garrett Rd	Map 22	SR 1196 - Alpine Lane
Map 5	SR 1103 - Way Rd	Map 23	SR 1121 - Smith Rd
Map 6	SR 1186 - Bailey Lane	Map 24	SR 1122 - Euliss Rd
Map 7	SR 1104 - Oakdale Rd	*Skip Bridge #160	
*Skip SR 1105 - Timber Ridge Lake Rd		Map 25	SR 1117 - Boyd Wright Rd
Map 8	SR 1106 - Spoon Lane/ Spoon Loop	*Skip Bridge #167	
Map 9	SR 1107 - Spoon Loop	Map 26	SR 2404 - Andrea Lane
Map 10	SR 1108 - Garner Rd	Map 27	SR 1129 - Clapp Mill Road
Map 11	SR 1111 - Mt. Zion Rd	*Resurface Bridge #326	
Map 12	SR 1112 - Vernon Lane	Map 28	SR 1159 - Ashe Dr
Map 13	SR 1110 - Jim Pickett Rd/ Mt. Zion Rd	Map 29	SR 1174 - South Cedar Rd
Map 14	SR 1109 - Patterson Rd	Map 30	SR 1173 - Dogwood Rd
Map 15	SR 1171 - Bishop Rd	Map 31	SR 1131 - Doctor Pickett Rd
Map 16	SR 1114 - Alamance County Line Rd	*Resurface Bridge #165	
Map 17	SR 1120 - Swannie Coble Rd	Map 32	SR 1160 - Rock Hill Rd
Map 18	SR 1219 - Zion Rd	Map 33	SR 1132 - Callie Ln
Map 19	SR 1126 - Isley Dr	Map 34	SR 1204 - Keck Dr



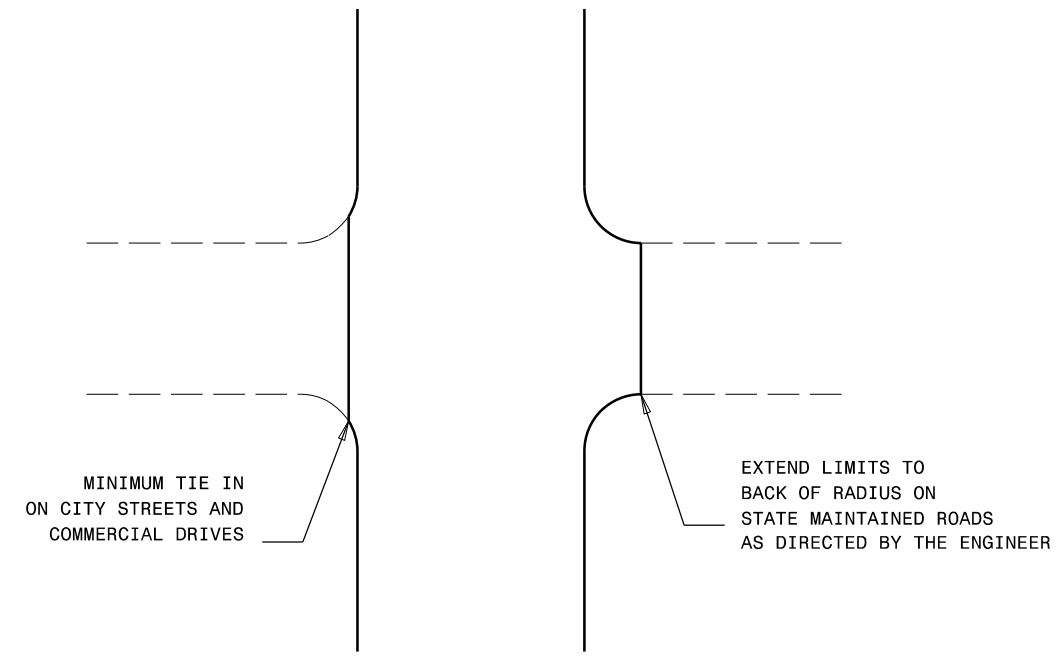
NOTE: MINI SKIPS SHALL BE PLACED ON A 8' CYCLE, CONTAINING A 6' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

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

PAVEMENT SCHEDULE	
C	PROPOSED ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F	FOG SEAL
U	EXISTING PAVEMENT



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]

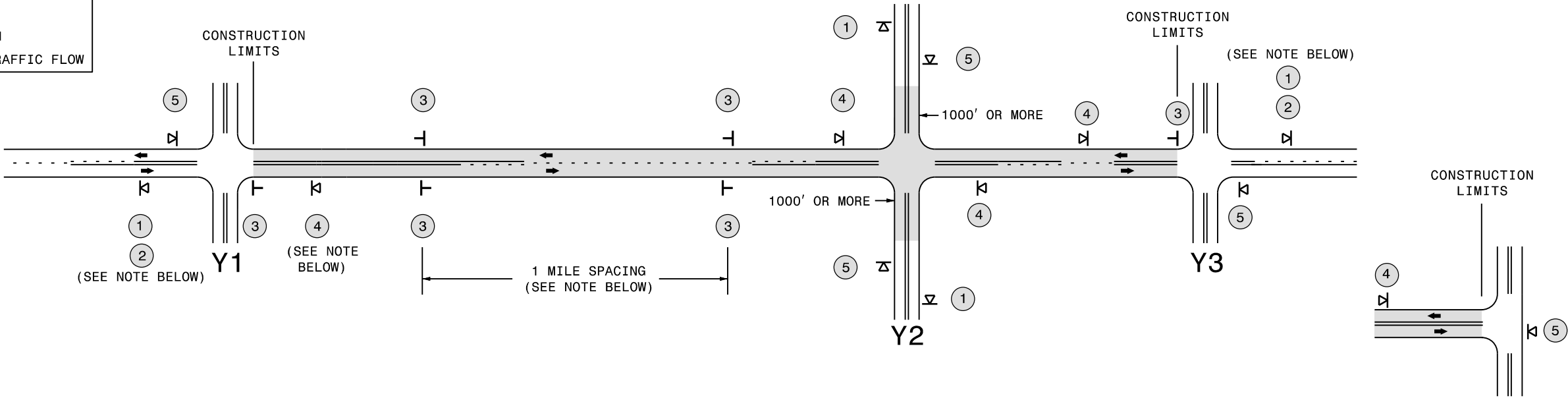
SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

PORTABLE SIGN

STATIONARY SIGN

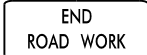
DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1  W20-1 48" X 48" 2  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 SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.  W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	3  W8-7 48" X 48"  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  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  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.

LESS 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.
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	A ASF
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ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.07.16.20012	9	9

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	BEG N	END MP	1803500000-E	1820000000-E	1838000000-E	1838500000-N	4413000000-E	4457000000-N	4890000000-E	4890000000-E	4890000000-E	
							ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL			EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	WORK ZONE ADVANCE/GENERAL WARNING SIGNING		TEMPORARY TRAFFIC CONTROL	6" 50 MILS HOT SPRAY THERMO (WHITE)	4" 50 MILS HOT SPRAY THERMO (WHITE)	4" 50 MILS HOT SPRAY THERMO (YELLOW)		
																			MI	FT
2025CPT.07.16.20012	Alamance	1	SR-1101 / COUNTY LINE RD	FROM RANDOLPH COUNTY LINE TO SR 1100 - OAK GROVE CHURCH RD	1	2	0.60	20	0	0.6	7,067	7,067	3,887	4.00		1.00				
TOTAL FOR MAP NO. 1											7,067	7,067	3,887							
2025CPT.07.16.20012	Alamance	2	SR-1162 / OAK TREE LN	FROM SR 1101 - COUNTY LINE RD TO DEAD END	1	2	0.30	20	0	0.3	3,611	3,611	1,986							
TOTAL FOR MAP NO. 2											3,611	3,611	1,986							
2025CPT.07.16.20012	Alamance	3	SR-1100 / OAK GROVE CHURCH RD/COUNTY LINE RD	FROM NC 49 TO SR 1105 - TIMBER RIDGE LAKE RD	1	2	1.73	20	0	1.73	20,356	20,356	11,196						18,675	12,575
TOTAL FOR MAP NO. 3											20,356	20,356	11,196						18,675	12,575
2025CPT.07.16.20012	Alamance	4	SR-1102 / GARRETT RD	FROM SR 1105 - TIMBER RIDGE LAKE RD TO SR 1100 - OAK GROVE CHURCH RD	1	2	1.29	21	0	1.29	15,241	15,241	8,383						50	13,500
TOTAL FOR MAP NO. 4											15,241	15,241	8,383						50	13,500
2025CPT.07.16.20012	Alamance	5	SR-1103 / WAY RD	FROM SR 1102 - GARRETT RD TO NC 49	1	2	1.10	20	0	1.1	12,544	12,544	6,899						50	11,500
TOTAL FOR MAP NO. 5											12,544	12,544	6,899						50	11,500
2025CPT.07.16.20012	Alamance	6	SR-1186 / BAILEY LN	FROM SR 1103 - WAY RD TO DEAD END	1	2	0.30	19	0	0.3	3,314	3,314	1,823							
TOTAL FOR MAP NO. 6											3,314	3,314	1,823							
2025CPT.07.16.20012	Alamance	7	SR-1104 / OAKDALE RD	FROM NC 49 TO SR 1005 - W GREENSBORO CHAPEL HILL RD (SKIP SR 1105 - TIMBER RIDGE LAKE RD)	1	2	1.90	20	0	1.9	22,000	22,000	12,100							20,000
TOTAL FOR MAP NO. 7											22,000	22,000	12,100							20,000
2025CPT.07.16.20012	Alamance	8	SR-1106 / SPOON LN/SPOON LOOP	FROM SR 1105 - TIMBER RIDGE LAKE RD TO SR 1005 - W GREENSBORO CHAPEL HILL RD	1	2	1.71	21	0	1.71	20,755	20,755	11,415						50	18,300
TOTAL FOR MAP NO. 8											20,755	20,755	11,415						50	18,300
2025CPT.07.16.20012	Alamance	9	SR-1107 / SPOON LOOP	FROM SR 1005 - W GREENSBORO CHAPEL HILL RD TO SR 1106 - SPOON LANE	1	2	0.90	21	0	0.9	11,037	11,037	6,070							9,500
TOTAL FOR MAP NO. 9											11,037	11,037	6,070							9,500
2025CPT.07.16.20012	Alamance	10	SR-1108 / GARNER RD	FROM NC 49 TO SR 1005 - W GREENSBORO CHAPEL HILL RD	1	2	1.19	20	0	1.19	13,644	13,644	7,504							12,500
TOTAL FOR MAP NO. 10											13,644	13,644	7,504							12,500
2025CPT.07.16.20012	Alamance	11	SR-1111 / MT ZION RD	FROM SR 1005 - W GREENSBORO CHAPEL HILL RD TO SR 1110 - JIM PICKETT RD	1	2	0.60	21	0	0.6	7,292	7,292	4,010						30	6,300
TOTAL FOR MAP NO. 11											7,292	7,292	4,010						30	6,300
2025CPT.07.16.20012	Alamance	12	SR-1112 / VERNON LN	FROM SR 1110 - JIM PICKETT RD TO END OF MAINTENANCE	1	2	0.25	18	0	0.25	2,650	2,650	1,458							
TOTAL FOR MAP NO. 12											2,650	2,650	1,458							
2025CPT.07.16.20012	Alamance	13	SR-1110 / JIM PICKETT RD/MT ZION RD	FROM SR 1108 - GARNER RD TO SR 1116 - SPANISH OAK HILL RD	1	2	1.78	20	0	1.78	20,311	20,311	11,171						25	18,700
TOTAL FOR MAP NO. 13											20,311	20,311	11,171						25	18,700
2025CPT.07.16.20012	Alamance	14	SR-1109 / PATTERSON RD	FROM NC 49 TO CUL-DE-SAC	1	2	0.70	21	0	0.7	8,400	8,400	4,620							
TOTAL FOR MAP NO. 14											8,400	8,400	4,620							
2025CPT.07.16.20012	Alamance	15	SR-1171 / BISHOP RD	FROM SR 1117 - FRIENDSHIP ROCK CREEK RD TO SR 1109 - PATTERSON RD	1	2	0.67	20	0	0.67	7,600	7,600	4,180							7,000
TOTAL FOR MAP NO. 15											7,600	7,600	4,180							7,000
2025CPT.07.16.20012	Alamance	16	SR-1114 / ALAMANCE COUNTY LINE RD	FROM SR 1005 - W GREENSBORO CHAPEL HILL RD TO GUILFORD COUNTY LINE	1	2	0.43	21	0	0.43	5,215	5,215	2,868							4,500
TOTAL FOR MAP NO. 16											5,215	5,215	2,868							4,500
2025CPT.07.16.20012	Alamance	17	SR-1120 / SWANNIE COBLE RD	FROM SR 1116 - SPANISH OAK HILL RD TO SR 1116 - SPANISH OAK HILL RD	1	2	1.40	21	0	1.4	16,858	16,858	9,272						20	14,750
TOTAL FOR MAP NO. 17											16,858	16,858	9,272						20	14,750
2025CPT.07.16.20012	Alamance	18	SR-1219 / ZION RD	FROM SR 1116 - SPANISH OAK HILL RD TO SR 1117 - FRIENDSHIP ROCK CREEK RD	1	2	0.52	21	0	0.52	6,137	6,137	3,375							5,300
TOTAL FOR MAP NO. 18											6,137	6,137	3,375							5,300
2025CPT.07.16.20012	Alamance	19	SR-1126 / ISLEY DR	FROM NC 49 TO SR 1117 - FRIENDSHIP ROCK CREEK RD	1	2	1.18	21	0	1.18	14,198	14,198	7,809							12,300
TOTAL FOR MAP NO. 19											14,198	14,198	7,809							12,300
2025CPT.07.16.20012	Alamance	20	SR-1124 / STAFFORD MILL RD	FROM SR 1113 - KIMESVILLE RD TO GUILFORD COUNTY LINE (SKIP BRIDGE #161)	1	2	0.82	20	0	0.82	9,833	9,833	5,408							8,900
TOTAL FOR MAP NO. 20											9,833	9,833	5,408							8,900
2025CPT.07.16.20012	Alamance	21	SR-1195 / QUARTER CREEK LN	FROM SR 1196 - ALPINE LN TO SR 1113 - KIMESVILLE RD	1	2	0.11	20	0	0.11	1,167	1,167	642							1,100
TOTAL FOR MAP NO. 21											1,167	1,167	642							1,100
2025CPT.07.16.20012	Alamance	22	SR-1196 / ALPINE LN	FROM SR 1195 - QUARTER CREEK LN TO SR 1113 - KIMESVILLE RD	1	2	0.47	20	0	0.47	5,356	5,356	2,946							5,000
TOTAL FOR MAP NO. 22											5,356	5,356	2,946							5,000
2025CPT.07.16.20012	Alamance	23	SR-1121 / SMITH RD	FROM SR 1113 - FOSTER STORE RD TO SR 1122 - EULISS RD	1	2	1.84	21	0	1.84	22,400	22,400	12,320							19,500
TOTAL FOR MAP NO. 23											22,400	22,400	12,320							19,500
2025CPT.07.16.20012	Alamance	24	SR-1122 / EULISS RD	FROM SR 1117 - FRIENDSHIP ROCK CREEK RD TO SR 1113 - KIMESVILLE RD (SKIP BRIDGE #160)	1	2	2.07	21	0	2.07	25,258	25,258	13,892						25	21,000
TOTAL FOR MAP NO. 24											25,258	25,258	13,892						25	21,000
2025CPT.07.16.20012	Alamance	25	SR-1117 / BOYD WRIGHT RD	FROM SR 1113 - KIMESVILLE RD TO SR 1117 - FRIENDSHIP ROCK CREEK RD (SKIP BRIDGE #167)	1	2	1.80	21	2.91	4.71	22,003	22,003	12,102						30	19,000
TOTAL FOR MAP NO. 25											22,003	22,003	12,102						30	19,000
2025CPT.07.16.20012	Alamance	26	SR-2404 / ANDREA LN	FROM SR 1130 - FRIENDSHIP PATTERSON MILL RD TO NC 49	1	2	0.17	19	0	0.17	1,794	1,794	987							1,800
TOTAL FOR MAP NO. 26											1,794	1,794	987							1,800
2025CPT.07.16.20012	Alamance	27	SR-1129 / CLAPP MILL RD	FROM NC 62 TO SR 1113 - KIMESVILLE RD (RESURFACE BRIDGE #326)	1	2	1.66	21	0	1.66	20,137	20,137	11,075						50	18,000
TOTAL FOR MAP NO. 27											20,137	20,137	11,075						50	18,000
2025CPT.07.16.20012	Alamance	28	SR-1159 / ASHE DR	FROM SR 1136 - BELLEMONT ALAMANCE RD TO SR 1172 - BIRCH LN	1	2	0.42	20	0	0.42	4,711	4,711	2,591						30	4,300
TOTAL FOR MAP NO. 28											4,711	4,711	2,591						30	4,300
2025CPT.07.16.20012	Alamance	29	SR-1174 / S CEDAR RD	FROM EOM TO SR 1173 - DOGWOOD RD	1	2	0.21	18	0	0.21	2,450	2,450	1,348							
TOTAL FOR MAP NO. 29											2,450	2,450	1,348							
2025CPT.07.16.20012	Alamance	30	SR-1173 / DOGWOOD RD	FROM SR 1174 - SOUTH CEDAR RD TO SR 1172 - BIRCH LN	1	2	0.14	20	0	0.14	1,544	1,544	849							
TOTAL FOR MAP NO. 30											1,544	1,544	849							
2025CPT.07.16.20012	Alamance	31	SR-1131 / DOCTOR PICKETT RD	FROM SR 1136 - BELLEMONT ALAMANCE RD TO SR 1130 - FRIENDSHIP PATTERSON MILL RD (RESURFACE BRIDGE #165)	1	2	1.55	21	0	1.55	18,667	18,667	10,267							16,000
TOTAL FOR MAP NO. 31											18,667	18,667	10,267							16,000
2025CPT.07.16.20012	Alamance	32	SR-1160 / ROCK HILL RD	FROM SR 1136 - BELLEMONT ALAMANCE RD TO CUL-DE-SAC	1	2	0.48	21	0	0.48	5,833	5,833	3,208							
TOTAL FOR MAP NO. 32											5,833	5,833	3,208							
2025CPT.07.16.20012	Alamance	33	SR-1132 / CALLIE LN	FROM NC 49 TO CUL-DE-SAC	1	2	0.30	20	0											