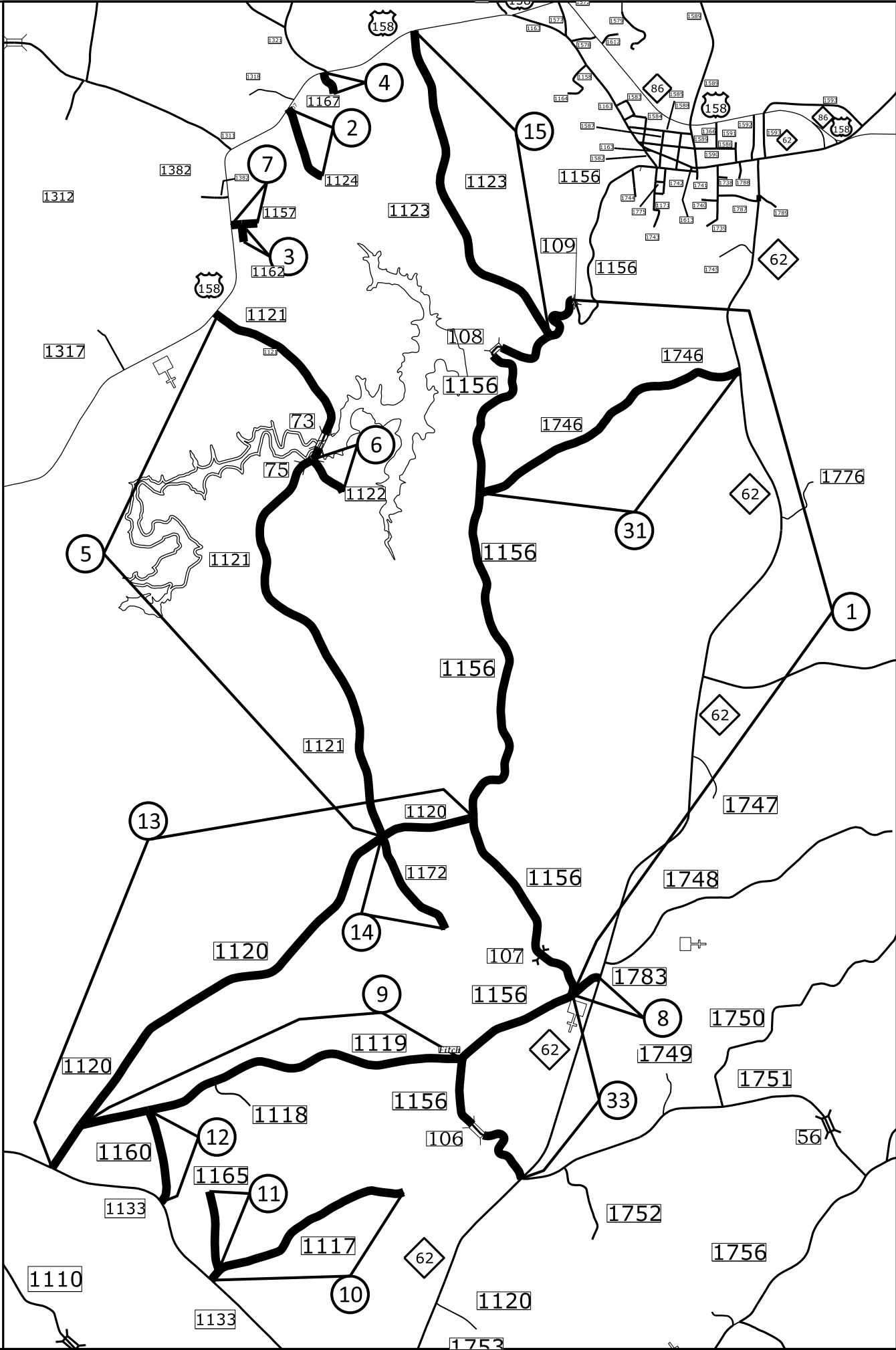


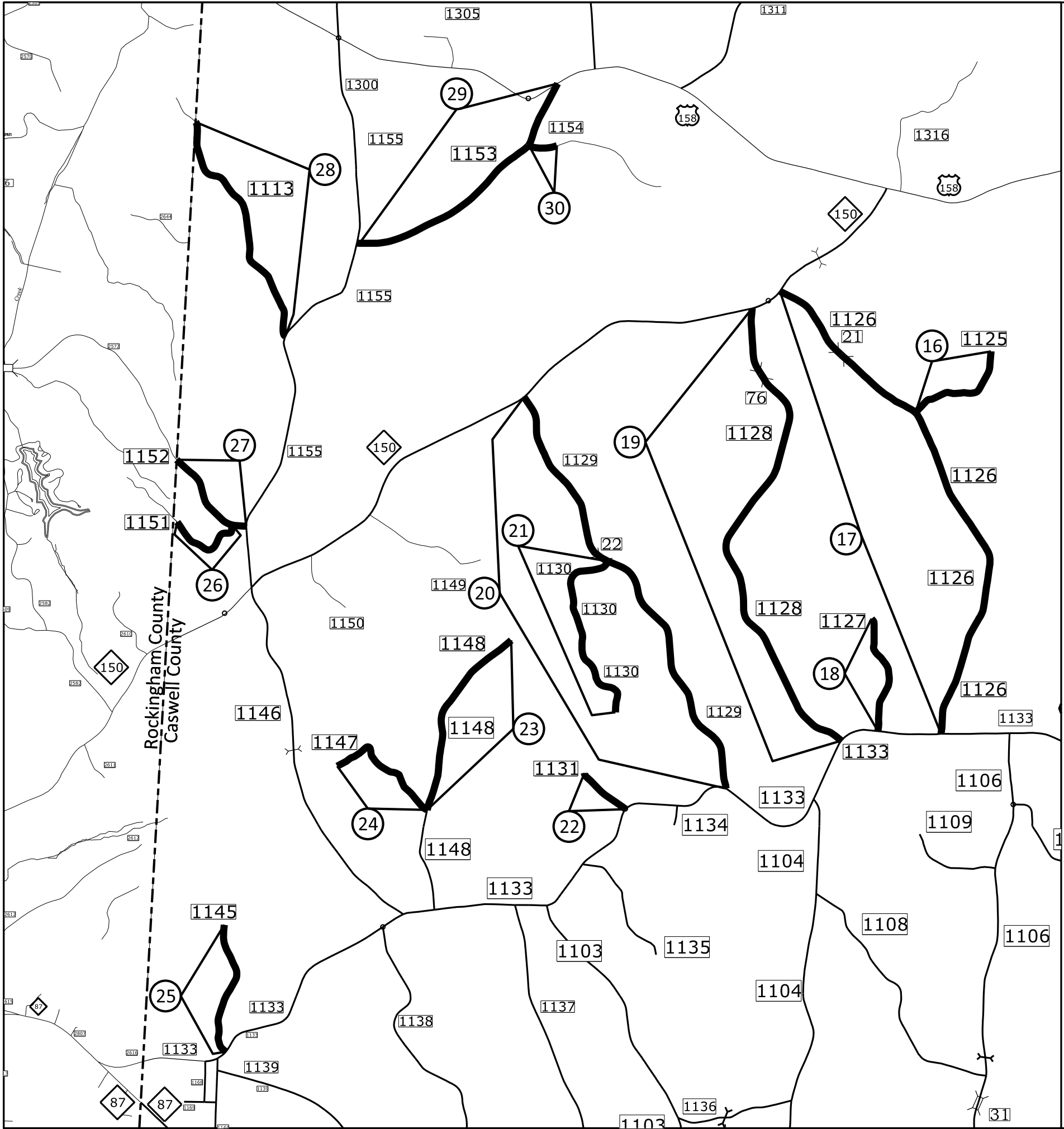
Sheet
No. 4

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No. 2

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No. 3



- Map 1 SR 1156 - Badgett Sisters Pkwy
Bridge # 108 (Posted) No Pavement on Bridge,
Bridge being replaced Contract DG00537
Bridge # 109 (Posted) Resurface, No milling on Bridge
- Map 2 SR 1124 - Bo Carter Rd
- Map 3 SR 1162 - Locust St
- Map 4 SR 1167 - Westwood Dr
- Map 5 SR 1121 - Boy Scout Camp Rd
Bridge # 73 No pavement on Bridge
Bridge # 75 Resurface, No Milling on Bridge
- Map 6 SR 1122 - King Rd
- Map 7 SR 1157 - Aldridge Rd
- Map 8 SR 1783 - Oakview Loop Rd
- Map 9 SR 1119 - Alvis Boswell Rd
- Map 10 SR 1117 - Staley Boswell Rd
- Map 11 SR 1165 - Ned Bigelow Rd
- Map 12 SR 1160 - Dabbs Farm Rd
- Map 13 SR 1120 - Marshall Graves Rd
- Map 14 SR 1172 - Henry T Graves Rd
- Map 15 SR 1123 - Hatchett Rd
- Map 31 SR 1746 - Harrelson Rd
- Map 33 SR 1156 - Oakview Loop Rd
Bridge # 106 No Pavement on Bridge

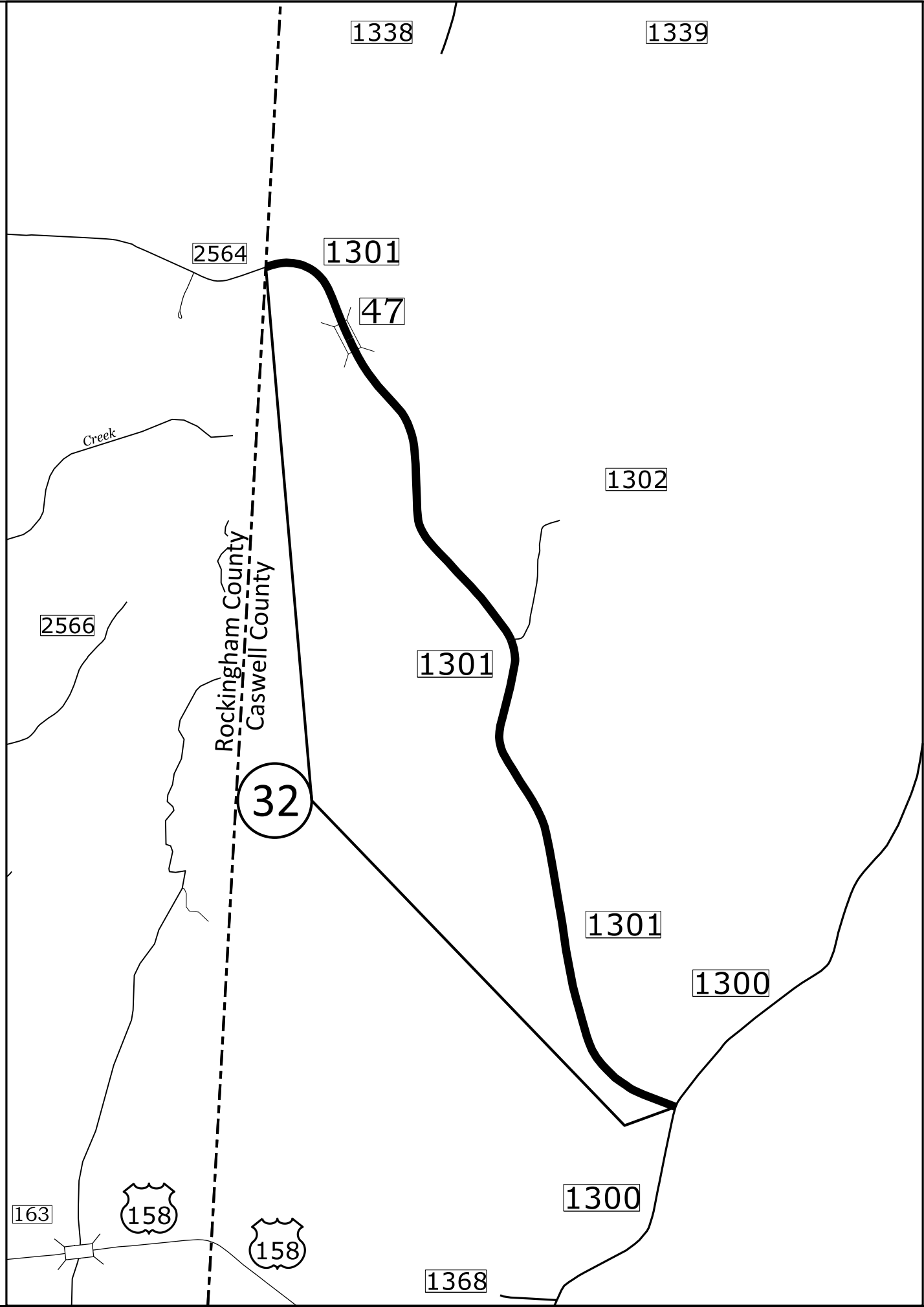


- Map 16 SR 1125 - Long Rd
- Map 17 SR 1126 - Stoney Creek School Rd
Bridge # 21 Resurface No Milling on Bridge

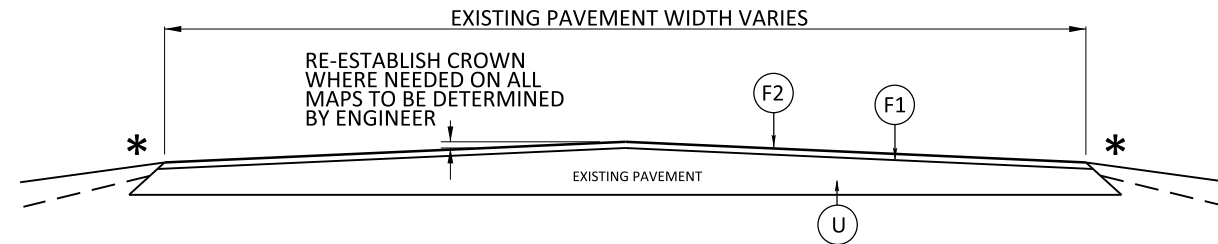
- Map 18 SR 1127 - Cannonball Rd
- Map 19 SR 1128 - Wagon Wheel Rd
Bridge # 76 Resurface No Milling on Bridge

- Map 20 SR 1129 - Turner Rd
Bridge # 22 Resurface No Milling on Bridge

- Map 21 SR 1130 - Graves Rd
- Map 22 SR 1131 - Friendly Ave
- Map 23 SR 1148 - Rice Rd
- Map 24 SR 1147 - Apple Rd
- Map 25 SR 1145 - Neal Rd
- Map 26 SR 1151 - Walker Rd
- Map 27 SR 1152 - Tate Rd
- Map 28 SR 1113 - Joe Cobb Rd
- Map 29 SR 1153 - Bethesda Church Rd
- Map 30 SR 1154 - Bethesda Church Cemetery Rd



Map 32 SR 1301 - Quick Rd
Bridge # 47 Resurface, No Milling on Bridge

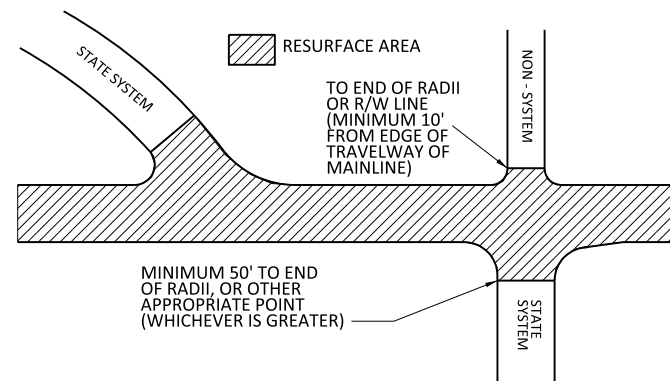


*** NOTE:**
THE SURFACE TO BE TREATED SHALL BE CLEANED TO THE SATISFACTION OF THE INSPECTOR PRIOR TO STARTING ON EACH MAP

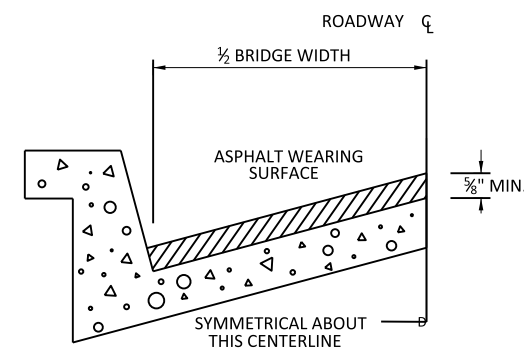
TYPICAL SECTION NO. 1

Map 1	SR 1156 - Badgett Sisters Pkwy Bridge # 108 (Posted) No Pavement on Bridge, Bridge being replaced Contract DG00537 Bridge # 109 (Posted) Resurface, No milling on Bridge	Map 18	SR 1127 - Cannonball Rd
		Map 19	SR 1128 - Wagon Wheel Rd Bridge # 76 Resurface No Milling on Bridge
Map 2	SR 1124 - Bo Carter Rd	Map 20	SR 1129 - Turner Rd Bridge # 22 Resurface No Milling on Bridge
Map 3	SR 1162 - Locust St	Map 21	SR 1130 - Graves Rd
Map 4	SR 1167 - Westwood Dr	Map 22	SR 1131 - Friendly Ave
Map 5	SR 1121 - Boy Scout Camp Rd Bridge # 73 No pavement on Bridge Bridge # 75 Resurface, No Milling on Bridge	Map 23	SR 1148 - Rice Rd
		Map 24	SR 1147 - Apple Rd
Map 6	SR 1122 - King Rd	Map 25	SR 1145 - Neal Rd
Map 7	SR 1157 - Aldridge Rd	Map 26	SR 1151 - Walker Rd
Map 8	SR 1783 - Oakview Loop Rd	Map 27	SR 1152 - Tate Rd
Map 9	SR 1119 - Alvis Boswell Rd	Map 28	SR 1113 - Joe Cobb Rd
Map 10	SR 1117 - Staley Boswell Rd	Map 29	SR 1153 - Bethesda Church Rd
Map 11	SR 1165 - Ned Bigelow Rd	Map 30	SR 1154 - Bethesda Church Cemetery Rd
Map 12	SR 1160 - Dabbs Farm Rd	Map 31	SR 1746 - Harrelson Rd
Map 13	SR 1120 - Marshall Graves Rd	Map 32	SR 1301 - Quick Rd Bridge # 47 Resurface No Milling on Bridge
Map 14	SR 1172 - Henry T Graves Rd		
Map 15	SR 1123 - Hatchett Rd	Map 33	SR 1156 - Oakview Loop Rd Bridge # 106 No Pavement on Bridge
Map 16	SR 1125 - Long Rd		
Map 17	SR 1126 - Stoney Creek School Rd Bridge # 21 Resurface No Milling on Bridge		

NOTE: NON-SYSTEM = (CITY STREET, PRIVATE DRIVE, SCHOOL BUS DRIVE)



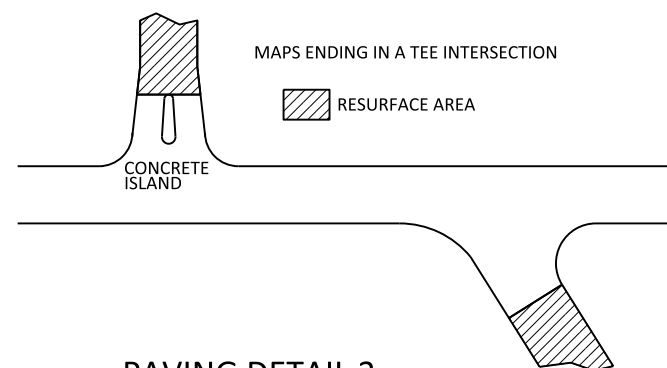
PAVING DETAIL 1
MAIN LINE IS BEING RESURFACED



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 5/8" 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 RADII, 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.



PAVING DETAIL 2
MAIN LINE NOT BEING RESURFACED

PAVEMENT SCHEDULE

F1	PROPOSED ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	PROPOSED FOG SEAL
U	EXISTING PAVEMENT

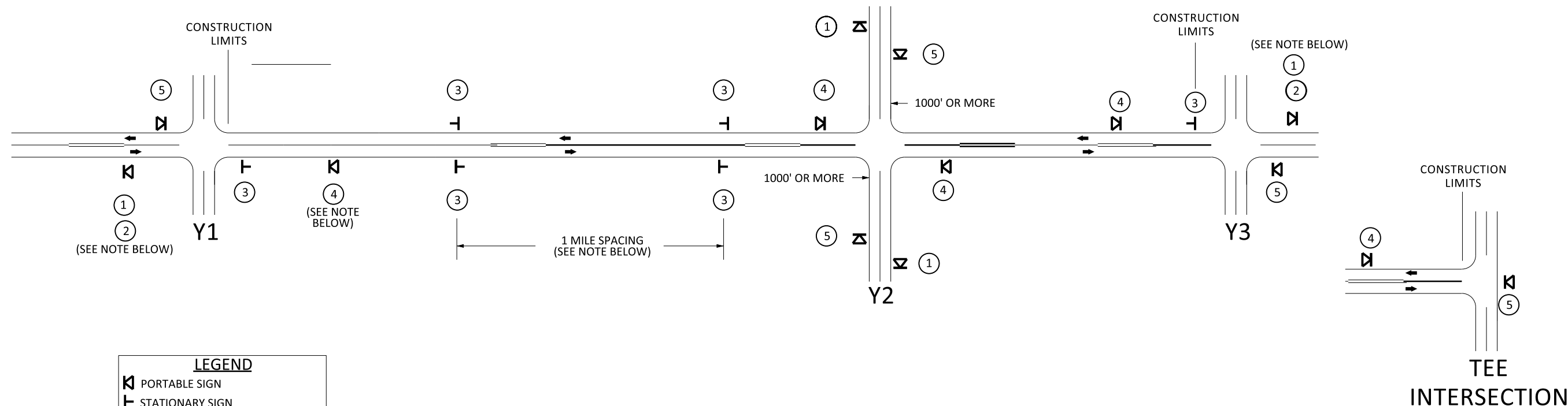
SIGNING FOR ASPHALT SURFACE TREATMENT

PROJECT REFERENCE NO.

2023CPT.07.02.20172

SHEET NO.

6



LEGEND	
	PORTABLE SIGN
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 W20-1 48" X 48" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2	 W7-3aP 24" X 18" #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)
	3	 W8-7 48" X 48" - ALTERNATE THE FOLLOWING TWO SIGNS: - STARTING WITH "LOOSE GRAVEL" (WB-7) FOLLOWED BY "UNMARKED PAVEMENT". - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILES 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.
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.		
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.	

NO REQUIRED STATIONARY SIGNING 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, ADVANCE WARNING PORTABLE 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.



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.07.02.20172	7	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	1803500000-E	1820000000-E	1838000000-E	1838500000-N	4413000000-E	4457000000-N	4720000000-E	4890000000-E			4891000000-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	THERMO MSG SCHOOL 90 MILS	GENERIC MARKING, 4" 50 MILS HOT SPRAY THERMO (WHITE)	GENERIC MARKING, 4" 50 MILS HOT SPRAY THERMO (YELLOW)	GENERIC MARKING, 6" 50 MILS HOT SPRAY THERMO (WHITE)	24" X 90 M WHITE THERMO		
						MI	FT	SY	SY	GAL	WK	SF	LS	EA	LF	LF	LF	LF		
2023CPT.07.02.20172	Caswell	1	SR 1156 - BADGETT SISTERS PKWY	FROM SR 1783 - OAKVIEW LOOP RD TO YANCEYVILLE CITY LIMIT	1	5.332	21	65,695	65,695	36,132	6	597	1.00		56,306	54,000	180			
TOTAL FOR MAP NO. 1								65,695	65,695	36,132	6	597	1		56,306	54,000	180			
2023CPT.07.02.20172	Caswell	2	SR 1124 - BO CARTER RD	FROM US 158 TO END MAINT	1	0.478	18	5,157	5,157	2,836		54								
TOTAL FOR MAP NO. 2								5,157	5,157	2,836		54								
2023CPT.07.02.20172	Caswell	3	SR 1162 - LOCUST ST	FROM SR 1157 - ALDRIDGE RD TO END	1	0.115	17	1,143	1,143	629		13								
TOTAL FOR MAP NO. 3								1,143	1,143	629		13								
2023CPT.07.02.20172	Caswell	4	SR 1167 - WESTWOOD DR	FROM US 158 TO END MAINT	1	0.149	16	1,396	1,396	768		17								
TOTAL FOR MAP NO. 4								1,396	1,396	768		17								
2023CPT.07.02.20172	Caswell	5	SR 1121 - BOY SCOUT CAMP RD	FROM US 158 TO SR 1120 - MARSHALL GRAVES RD	1	3.966	21	48,860	48,860	26,874		444			41,881	41,881	38			
TOTAL FOR MAP NO. 5								48,860	48,860	26,874		444			41,881	41,881	38			
2023CPT.07.02.20172	Caswell	6	SR 1122 - KING RD	FROM SR 1121 - BOY SCOUT CAMP RD TO END MAINT	1	0.283	19	3,236	3,236	1,780		32								
TOTAL FOR MAP NO. 6								3,236	3,236	1,780		32								
2023CPT.07.02.20172	Caswell	7	SR 1157 - ALDRIDGE RD	FROM US 158 TO END MAINT	1	0.079	17	784	784	431		9								
TOTAL FOR MAP NO. 7								784	784	431		9								
2023CPT.07.02.20172	Caswell	8	SR 1783 - OAKVIEW LOOP RD	FROM NC 62 TO SR 1156 - BADGETT SISTERS PKWY	1	0.213	20	2,500	2,500	1,375		24			2,250	2,250	48			
TOTAL FOR MAP NO. 8								2,500	2,500	1,375		24			2,250	2,250	48			
2023CPT.07.02.20172	Caswell	9	SR 1119 - ALVIS BOSWELL RD	FROM SR 1106 - STONEY CREEK MT RD TO END MAINT	1	2.29	21	28,213	28,213	15,517		256			24,180	21,741	22			
TOTAL FOR MAP NO. 9								28,213	28,213	15,517		256			24,180	21,741	22			
2023CPT.07.02.20172	Caswell	10	SR 1117 - STALEY BOSWELL RD	FROM SR 1120 - MARSHALL GRAVES RD TO END MAINT	1	1.346	20	16,103	16,103	8,857		151			14,210	14,210	22			
TOTAL FOR MAP NO. 10								16,103	16,103	8,857		151			14,210	14,210	22			
2023CPT.07.02.20172	Caswell	11	SR 1165 - NED BIGELOW RD	FROM SR 1117 - STALEY BOSWELL RD TO DEAD END	1	0.513	19	5,798	5,798	3,189		57								
TOTAL FOR MAP NO. 11								5,798	5,798	3,189		57								
2023CPT.07.02.20172	Caswell	12	SR 1160 - DABBS FARM RD	FROM SR 1119 - ALVIS BOSWELL RD TO SR 1133 - CHERRY GROVE RD	1	0.561	20	6,582	6,582	3,620		63			5,920	5,920				
TOTAL FOR MAP NO. 12								6,582	6,582	3,620		63			5,920	5,920				
2023CPT.07.02.20172	Caswell	13	SR 1120 - MARSHALL GRAVES RD	FROM SR 1156 - BADGETT SISTERS PKWY TO SR 1133 - CHERRY GROVE RD	1	3.535	21	43,551	43,551	23,953		396			37,330	32,810	60			
TOTAL FOR MAP NO. 13								43,551	43,551	23,953		396			37,330	32,810	60			
2023CPT.07.02.20172	Caswell	14	SR 1172 - HENRY T GRAVES RD	FROM SR 1120 - MARSHALL GRAVES RD TO DEAD END	1	0.702	19	7,905	7,905	4,348		79					14			
TOTAL FOR MAP NO. 14								7,905	7,905	4,348		79					14			
2023CPT.07.02.20172	Caswell	15	SR 1123 - HATCHETT RD	FROM US 158 TO SR 1156 - BADGETT SISTERS PKWY	1	2.156	21	26,562	26,562	14,609		241		12	22,775	19,500	50	100		
TOTAL FOR MAP NO. 15								26,562	26,562	14,609		241		12	22,775	19,500	50	100		
2023CPT.07.02.20172	Caswell	16	SR 1125 - LONG RD	FROM SR 1126 - STONEY CREEK SCHOOL RD TO END MAINT	1	0.839	20	9,924	9,924	5,458		94								
TOTAL FOR MAP NO. 16								9,924	9,924	5,458		94								
2023CPT.07.02.20172	Caswell	17	SR 1126 - STONEY CREEK SCHOOL RD	FROM NC 150 TO SR 1133 - CHERRY GROVE RD	1	3.905	21	48,113	48,113	26,462		437			41,240	33,650	50			
TOTAL FOR MAP NO. 17								48,113	48,113	26,462		437			41,240	33,650	50			

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.07.02.20172	8	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	1803500000-E	1820000000-E	1838000000-E	1838500000-N	4413000000-E	4457000000-N	4720000000-E	4890000000-E			4891000000-E
						MI	FT	SY	SY	GAL	WK	SF	LS	EA	LF	LF	LF	LF
2023CPT.07.02.20172	Caswell	18	SR 1127 - CANNONBALL RD	FROM SR 1133 - CHERRY GROVE RD TO DEAD END	1	0.888	19	9,978	9,978	5,488		99						
TOTAL FOR MAP NO. 18						0.888		9,978	9,978	5,488		99						
2023CPT.07.02.20172	Caswell	19	SR 1128 - WAGON WHEEL RD	FROM SR 1133 - CHERRY GROVE RD TO NC 150	1	3.674	20	43,108	43,108	23,709		411			38,800	34,551		
TOTAL FOR MAP NO. 19						3.674		43,108	43,108	23,709		411			38,800	34,551		
2023CPT.07.02.20172	Caswell	20	SR 1129 - TURNER RD	FROM SR 1130 - GRAVES RD TO SR 1133 - CHERRY GROVE RD	1	3.369	20	39,530	39,530	21,742		377			35,580	34,758	20	
TOTAL FOR MAP NO. 20						3.369		39,530	39,530	21,742		377			35,580	34,758	20	
2023CPT.07.02.20172	Caswell	21	SR 1130 - GRAVES RD	FROM SR 1129 - TURNER RD TO END MAINT	1	1.33	18	14,179	14,179	7,798		149			14,050	14,050		
TOTAL FOR MAP NO. 21						1.33		14,179	14,179	7,798		149			14,050	14,050		
2023CPT.07.02.20172	Caswell	22	SR 1131 - FRIENDLY AVE	FROM SR 1133 - CHERRY GROVE RD TO END MAINT	1	0.441	19	5,022	5,022	2,762		49						
TOTAL FOR MAP NO. 22						0.441		5,022	5,022	2,762		49						
2023CPT.07.02.20172	Caswell	23	SR 1148 - RICE RD	FROM SR 1147 - APPLE RD TO DEAD END	1	2.211	20	25,998	25,998	14,299		248			23,350	21,820	26	
TOTAL FOR MAP NO. 23						2.211		25,998	25,998	14,299		248			23,350	21,820	26	
2023CPT.07.02.20172	Caswell	24	SR 1147 - APPLE RD	FROM SR 1148 - RICE RD TO END MAINT	1	0.903	18	9,606	9,606	5,283		101						
TOTAL FOR MAP NO. 24						0.903		9,606	9,606	5,283		101						
2023CPT.07.02.20172	Caswell	25	SR 1145 - NEAL RD	FROM SR 1133 - CHERRY GROVE RD TO DEAD END	1	0.991	19	11,126	11,126	6,119		111			10,470	10,470		
TOTAL FOR MAP NO. 25						0.991		11,126	11,126	6,119		111			10,470	10,470		
2023CPT.07.02.20172	Caswell	26	SR 1151 - WALKER RD	FROM SR 1152 - TATE RD TO CUL-DE-SAC	1	0.637	19	7,414	7,414	4,078		71			900	900		
TOTAL FOR MAP NO. 26						0.637		7,414	7,414	4,078		71			900	900		
2023CPT.07.02.20172	Caswell	27	SR 1152 - TATE RD	FROM SR 1155 - ASHLAND RD TO ROCKINGHAM CO	1	0.916	20	10,748	10,748	5,911		103			9,670	9,670	20	
TOTAL FOR MAP NO. 27						0.916		10,748	10,748	5,911		103			9,670	9,670	20	
2023CPT.07.02.20172	Caswell	28	SR 1113 - JOE COBB RD	FROM SR 1155 - ASHLAND RD TO ROCKINGHAM CO	1	1.773	21	21,843	21,843	12,014		199			18,723	18,723		
TOTAL FOR MAP NO. 28						1.773		21,843	21,843	12,014		199			18,723	18,723		
2023CPT.07.02.20172	Caswell	29	SR 1153 - BETHESDA CHURCH RD	FROM US 158 TO SR 1155 - ASHLAND RD	1	1.943	20	22,798	22,798	12,539		218			20,520	19,244	20	
TOTAL FOR MAP NO. 29						1.943		22,798	22,798	12,539		218			20,520	19,244	20	
2023CPT.07.02.20172	Caswell	30	SR 1154 - BETHESDA CHURCH CEMETERY RD	FROM SR 1153 - BETHESDA CHURCH RD TO END OF PAVMENT	1	0.207	19	2,307	2,307	1,269		23						
TOTAL FOR MAP NO. 30						0.207		2,307	2,307	1,269		23						
2023CPT.07.02.20172	Caswell	31	SR 1746 - HARRELSON RD	FROM SR 1156 - BADGETT SISTERS PKWY TO NC 62	1	1.803	21	22,213	22,213	12,217		202			19,040	19,040		
TOTAL FOR MAP NO. 31						1.803		22,213	22,213	12,217		202			19,040	19,040		
2023CPT.07.02.20172	Caswell	32	SR 1301 - QUICK RD	FROM SR 1300 - PARK SPRINGS RD TO ROCKINGHAM COUNTY LINE	1	3.121	19	35,193	35,193	19,356		350			32,960	31,913	16	
TOTAL FOR MAP NO. 32						3.121		35,193	35,193	19,356		350			32,960	31,913	16	
2023CPT.07.02.20172	Caswell	33	SR 1156 - OAKVIEW LOOP RD	FROM NC 62 TO SR 1783 - OAKVIEW LOOP RD	1	1.746	20	20,486	20,486	11,267		196			18,440	18,440		
TOTAL FOR MAP NO. 33						1.746		20,486	20,486	11,267		196			18,440	18,440		
TOTAL FOR PROJ NO. 2023CPT.07.02.20172						52.415		623,071	623,071	342,689	6	5,871	1	12	488,595	459,541	586	100
GRAND TOTAL						52.415		623,071	623,071	342,689	6	5,871	1	12	948,722			100