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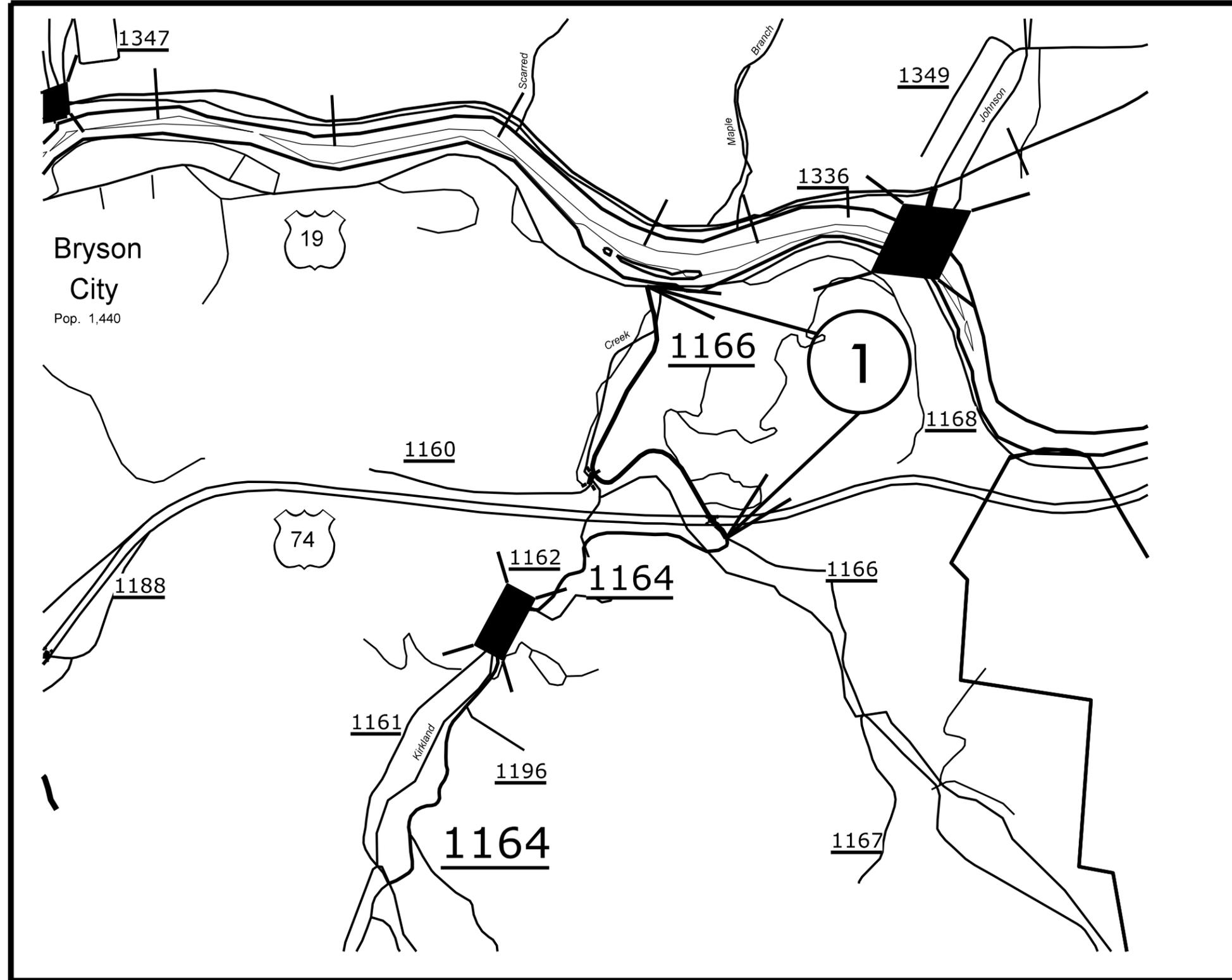
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TIP PROJECT: N/A

CONTRACT: DN00529

SWAIN COUNTY

PROJECT REFERENCE NO.	SHEET NO.	
DN00529	1	
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017CPT.14.04.20871.1		

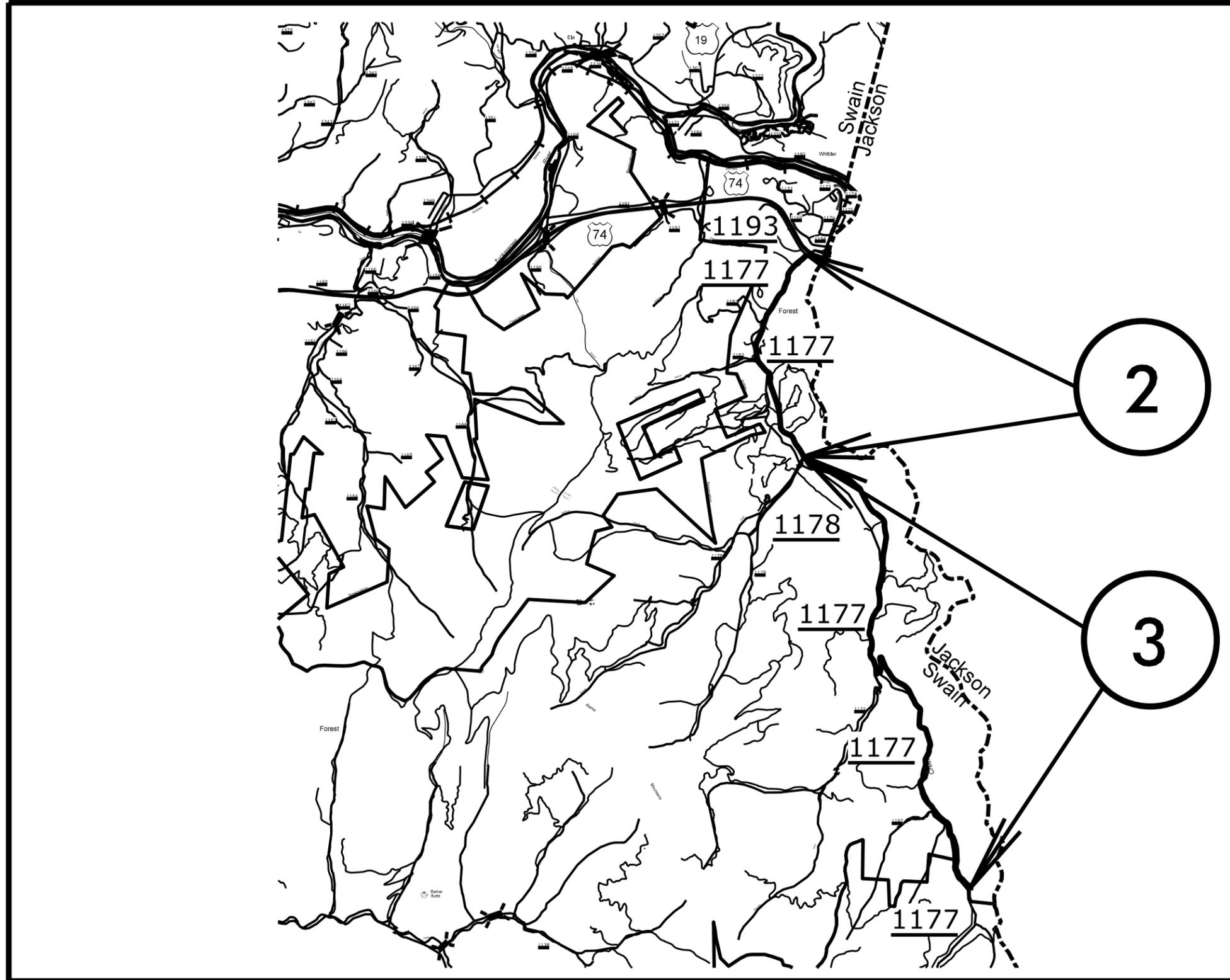


TIP PROJECT: N/A

CONTRACT: DN00529

SWAIN COUNTY

PROJECT REFERENCE NO.		SHEET NO.
DN00529		2
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017CPT.14.04.20871.1		

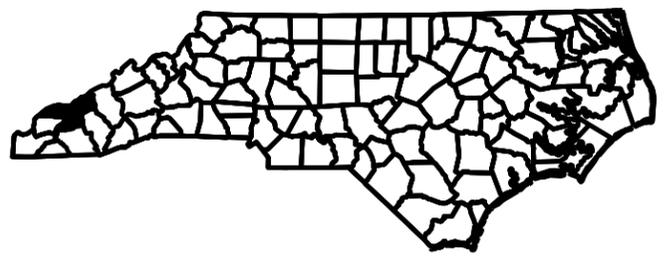
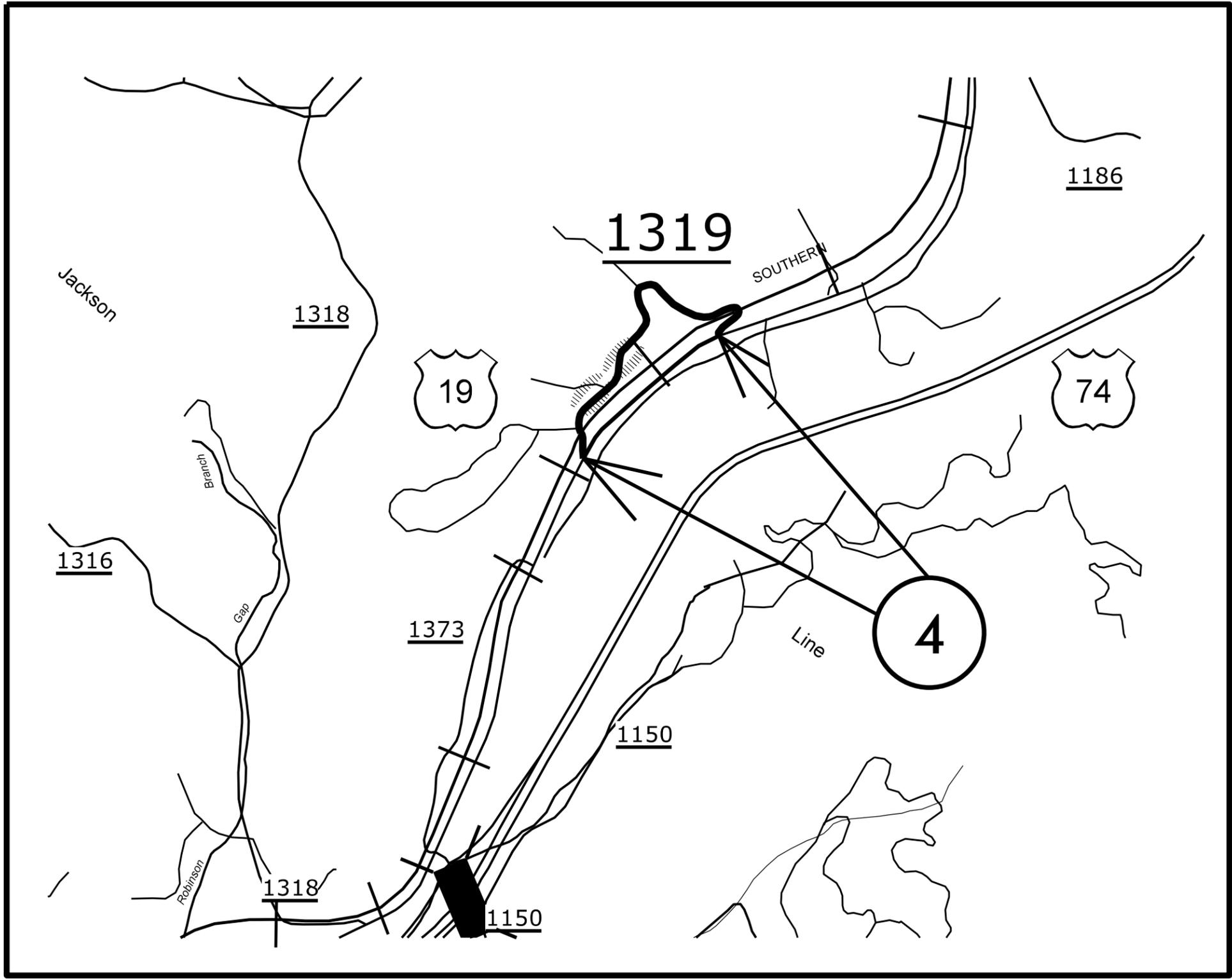


TIP PROJECT: N/A

CONTRACT: DN00529

SWAIN COUNTY

PROJECT REFERENCE NO.		SHEET NO.
DN00529		3
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017CPT.14.04.208711		

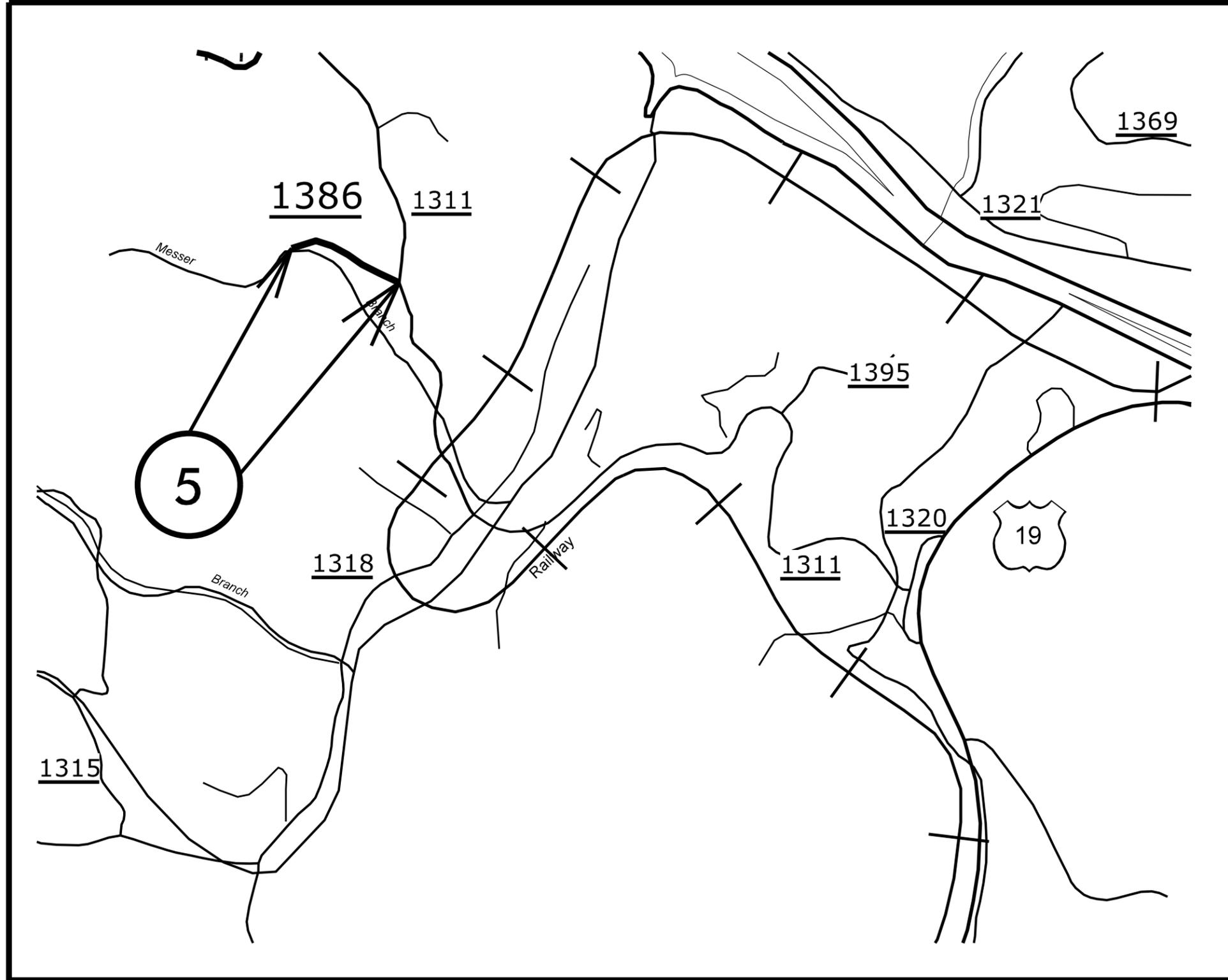


PROJECT REFERENCE NO.		SHEET NO.
DN00529		4
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017CPT.14.04.20871.1		

SWAIN COUNTY

TIP PROJECT: N/A

CONTRACT: DN00529

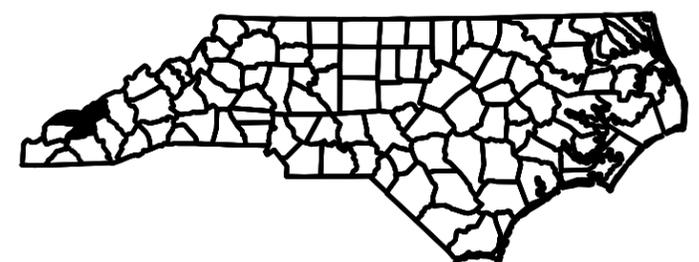
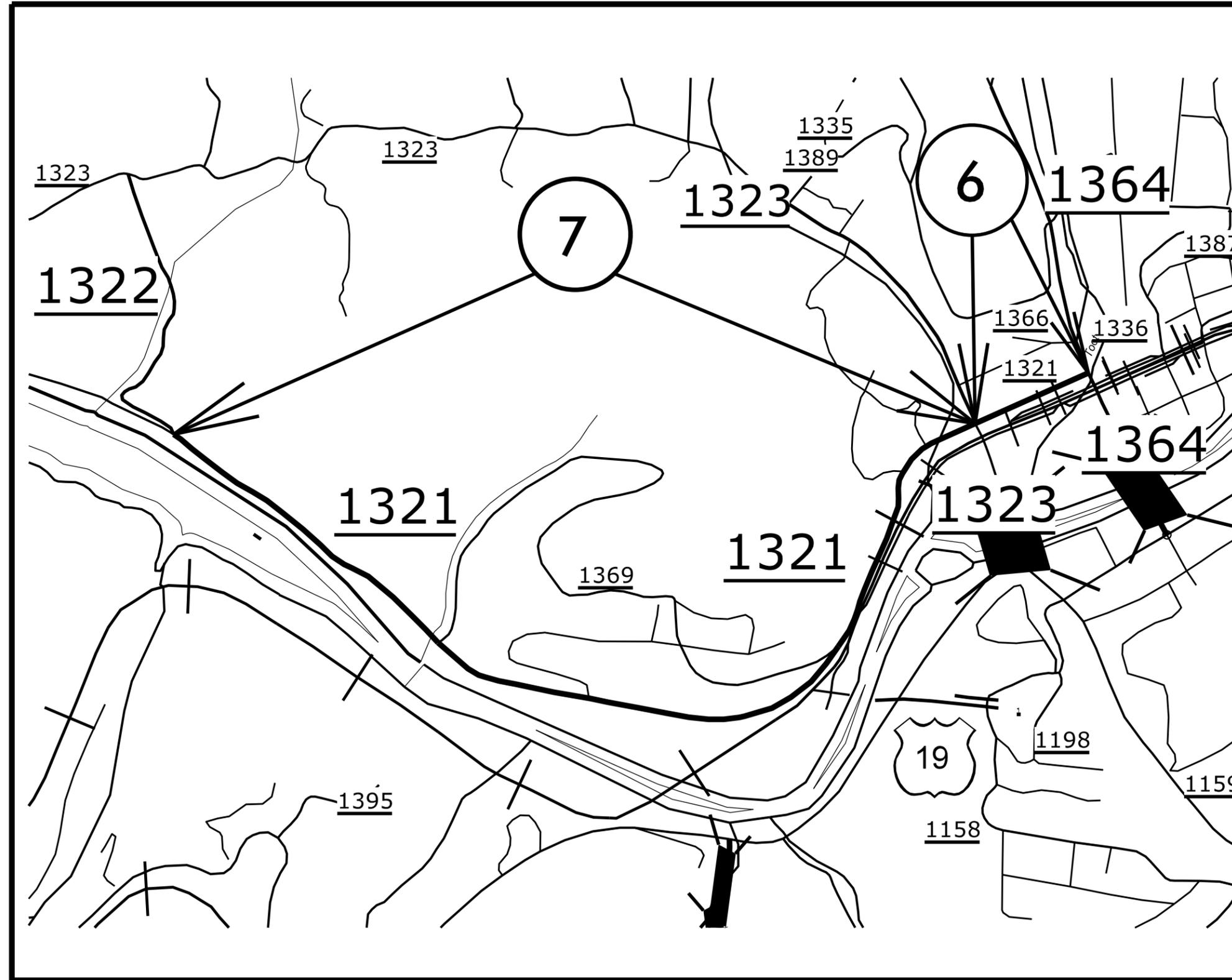


TIP PROJECT: N/A

CONTRACT: DN00529

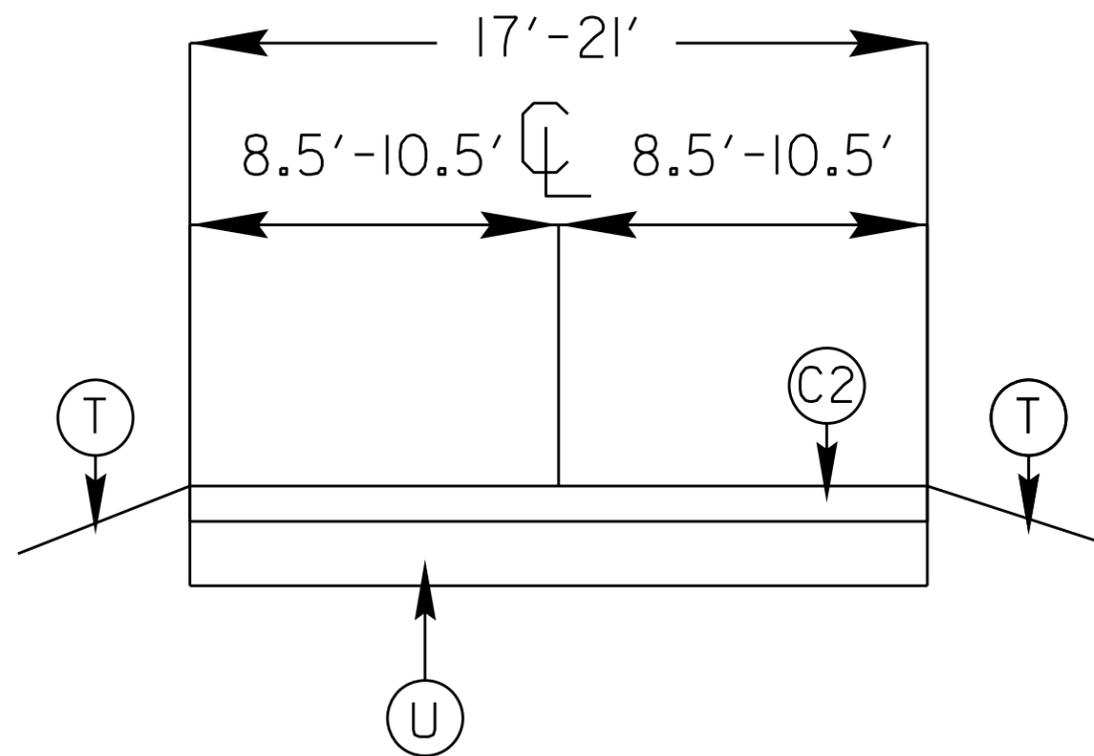
SWAIN COUNTY

PROJECT REFERENCE NO.		SHEET NO.
DN00529		5
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017CPT.14.04.20871.3		

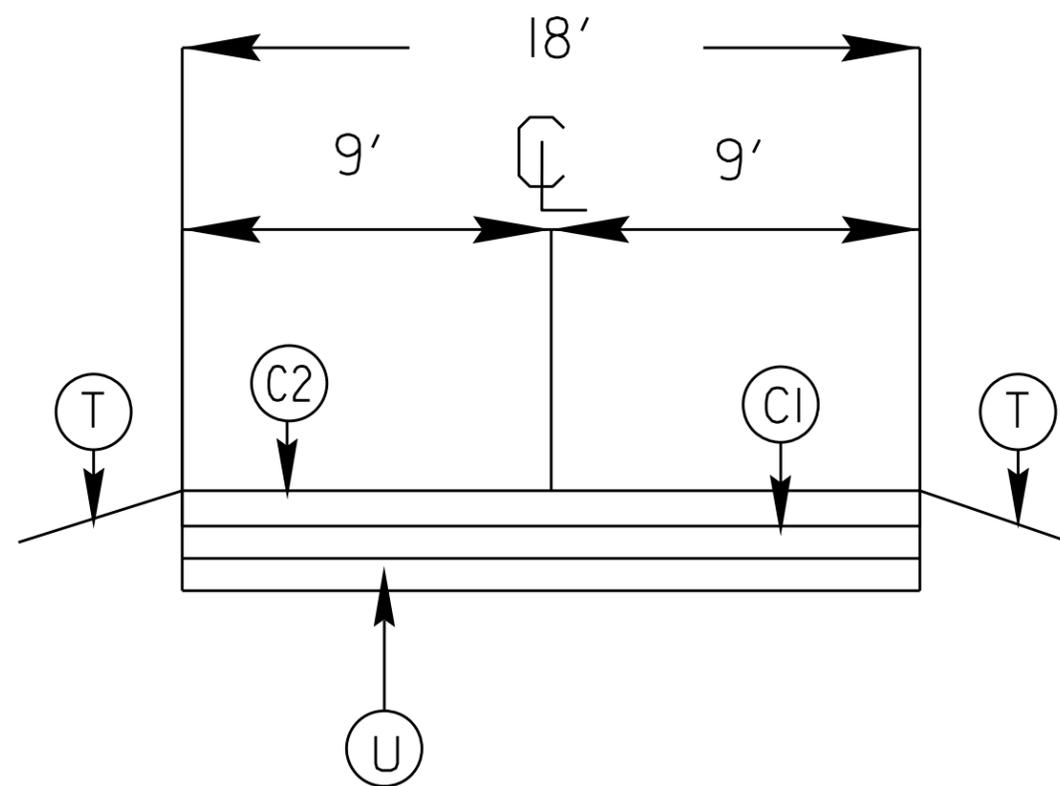


PROJECT REFERENCE NO.		SHEET NO.
DN00529		6
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017/CPT.14.04.20871.1		

TYPICAL 1



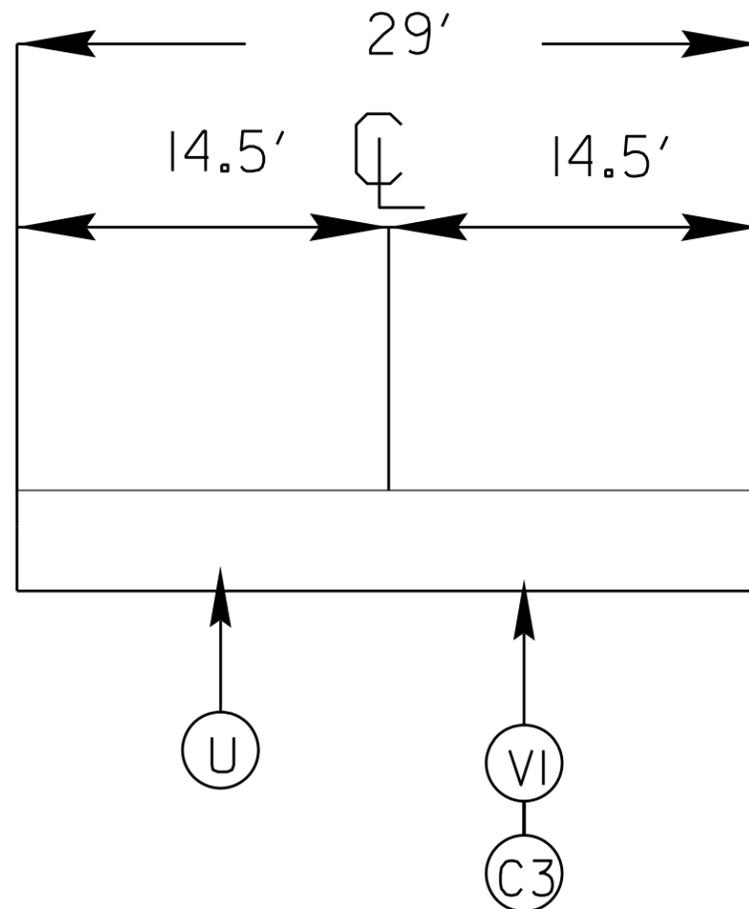
TYPICAL 2



PROJECT REFERENCE NO.		SHEET NO.
DN00529		7
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2017CPT.14.04.20871		

SURFACING SCHEDULE

TYPICAL 3



ITEM NO	DESCRIPTION
C1	PROP. APPROX. 3/4" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE SF9.5A AT AN AVERAGE RATE OF 82.5 LBS.PER.SQ.YD
C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A AT AN AVERAGE RATE OF 137.5 LBS.PER.SQ.YD
C3	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS.PER.SQ.YD
V1	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
U	EXISTING ASPHALT
T	SHOULDER RECONSTRUCTION

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.14.04.20871.1	8	

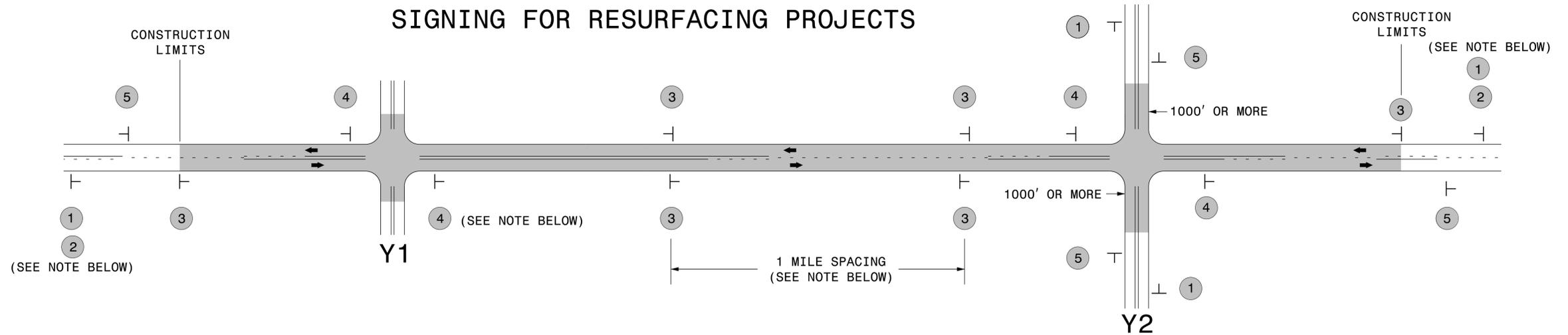
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	SHOULDER RECONSTRUCTION SMI	1 1/2" MILLING SY	SURFACE COURSE, SF9.5A TONS	LEVELING COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	
2017CPT.14.04.20871.1	Swain	1	SR-1166 (SHEPHERDS CREEK)	FROM US19 TO SR-1164 (KIRKLANDS CREEK)	1	2	2WU	NO	NO	0.65	21	1.30		609		41	140			
TOTAL FOR MAP NO. 1										0.65		1.30		609		41	140			
2017CPT.14.04.20871.1	Swain	2	SR-1177 (CONLEY CREEK)	FROM SR-1192 (OLD BRYSON CITY RD) TO SR-1178 (SAM DILLS RD)	1	2	2WU	NO	NO	1.75	18	3.50		1,406		94				
TOTAL FOR MAP NO. 2										1.75		3.50		1,406		94				
2017CPT.14.04.20871.1	Swain	3	SR-1177 (CONLEY CREEK)	FROM SR-1178 (SAM DILLS RD) TO END OF PAVE.	2	2	2WU	NO	NO	3	18	6.00		2,507	358	189				
TOTAL FOR MAP NO. 3										3		6.00		2,507	358	189				
2017CPT.14.04.20871.1	Swain	4	SR-1319 (JACOBS RD)	FROM US19 TO US19	1	2	2WU	NO	NO	0.5	18	1.00		402		27				
TOTAL FOR MAP NO. 4										0.5		1.00		402		27				
2017CPT.14.04.20871.1	Swain	5	SR-1386 (ENSLEY HOLLOW)	FROM SR-1311 (GRASSY BRANCH) TO EOP	1	2	2WU	NO	NO	0.15	17	0.30		112		7	15			
TOTAL FOR MAP NO. 5										0.15		0.30		112		7	15			
2017CPT.14.04.20871.1	Swain	6	SR-1321 (BRYSON WALK)	FROM SR-1364 (EVERETT RD) TO SR-1323 (BALL TOWN)	3	2	2WU	NO	NO	0.17	29		3,000	259		17		1	4	
TOTAL FOR MAP NO. 6										0.17			3,000	259		17		1	4	
2017CPT.14.04.20871.1	Swain	7	SR-1321 (OLD NC 288)	FROM SR-1323 (BALL TOWN) TO SR-1322 (GUGE RD)	1	2	2WU	NO	NO	1.65	18	3.30		1,325	716	132				
TOTAL FOR MAP NO. 7										1.65		3.30		1,325	716	132				
TOTAL FOR PROJ NO. 2017CPT.14.04.20871.1										7.87		15.40		3,000	6,620	1,074	507	155	1	4
GRAND TOTAL										7.87		15.40		3,000	6,620	1,074	507	155	1	4

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-4	4457000000-N	4810000000-E		820000000-8	830000000-8	4835000000-E	8400000000-N
										WORK ZONE ADVANCE GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4" WHITE PAINT LF	4" YELLOW PAINT LF	8" WHITE PAINT LF	16" WHITE PAINT LF	24" WHITE PAINT LF	PAINT MSG RXR EA
2017CPT.14.04.20871.1	Swain	1	SR-1166 (SHEPHERDS CREEK)	FROM US19 TO SR-1164 (KIRKLANDS CREEK)	1	2	2WU	0.65	21	73	1.00	13,988	14,001			80	
TOTAL FOR MAP NO. 1								0.65		73	1	13,988	14,001			80	
2017CPT.14.04.20871.1	Swain	2	SR-1177 (CONLEY CREEK)	FROM SR-1193 TO SR-1178 (SAM DILLS RD)	1	2	2WU	1.75	18	196		37,660	37,695	80		80	
TOTAL FOR MAP NO. 2								1.75		196		37,660	37,695	80		80	
2017CPT.14.04.20871.1	Swain	3	SR-1177 (CONLEY CREEK)	FROM SR-1178 (SAM DILLS RD) TO END OF PAVE.	2	2	2WU	3	18	336		64,560	64,620			100	
TOTAL FOR MAP NO. 3								3		336		64,560	64,620			100	
2017CPT.14.04.20871.1	Swain	4	SR-1319 (JACOBS RD)	FROM US19 TO US19	1	2	2WU	0.5	18	56		10,760	10,770		352	242	8
TOTAL FOR MAP NO. 4								0.5		56		10,760	10,770		352	242	8
2017CPT.14.04.20871.1	Swain	5	SR-1386 (ENSLEY HOLLOW)	FROM SR-1311 (GRASSY BRANCH) TO EOP	1	2	2WU	0.15	17								
TOTAL FOR MAP NO. 5								0.15									
2017CPT.14.04.20871.1	Swain	6	SR-1321 (BRYSON WALK)	FROM SR-1364 (EVERETT RD) TO SR-1323 (BALL TOWN)	3	2	2WU	0.17	29	204		3,658	3,662			60	
TOTAL FOR MAP NO. 6								0.17		204		3,658	3,662			60	
2017CPT.14.04.20871.1	Swain	7	SR-1321 (OLD NC 288)	FROM SR-1323 (BALL TOWN) TO SR-1322 (GUGE RD)	1	2	2WU	1.65	18			35,508	35,508			200	
TOTAL FOR MAP NO. 7								1.65				35,508	35,508			200	
TOTAL FOR PROJ NO. 2017CPT.14.04.20871.1								7.87		865	1	166,134	166,256	80	352	762	8
GRAND TOTAL								7.87		865	1	166,134	166,256	80	352	762	8

SIGNING FOR RESURFACING PROJECTS



LEGEND	
T	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	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.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	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	 SP 13107 48" X 48"	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE 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.		

3/19/2015
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 User:rmgarrrett

**RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS**