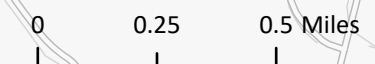
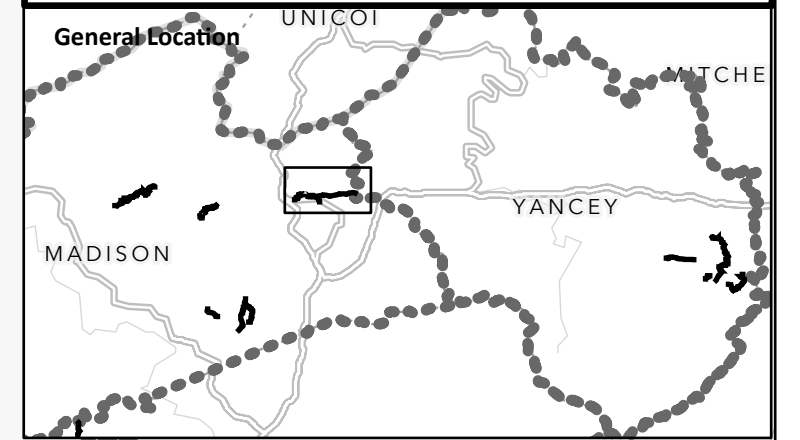
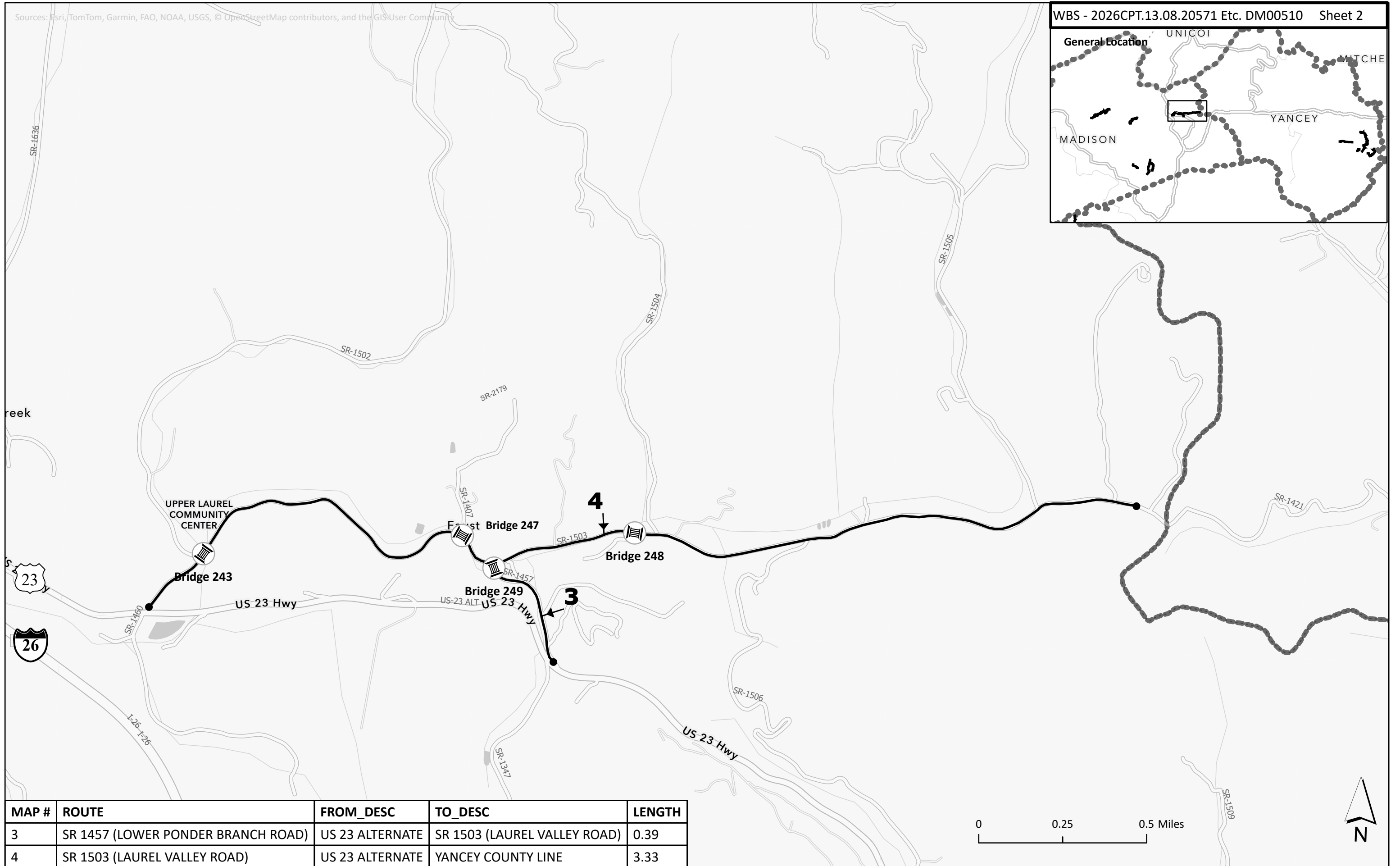
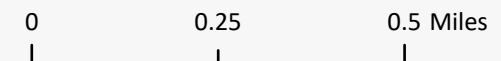


MAP #	ROUTE	FROM_DESC	TO_DESC	LENGTH
1	SR 1334 (REVERE ROAD)	SR 1318 (BIG LAUREL ROAD)	SR 1323 (BURTON COVE ROAD)	4.08
2	SR 1370 (GRAPEVINE ROAD)	MILE POST 5.9	SR 1432 (HYLTON HOLLOW ROAD) -1.59 MILE	1.5



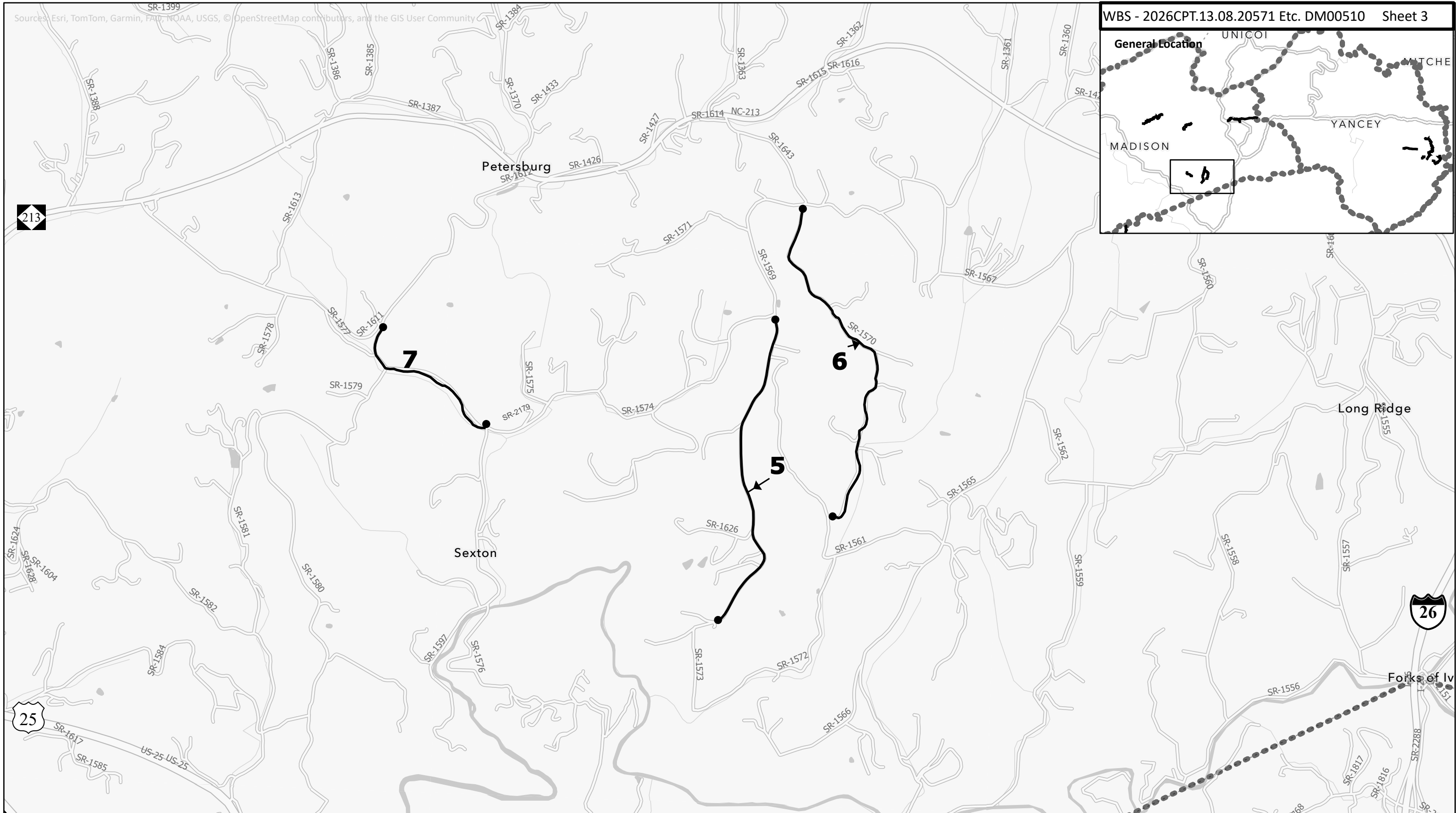


MAP #	ROUTE	FROM_DESC	TO_DESC	LENGTH
3	SR 1457 (LOWER PONDER BRANCH ROAD)	US 23 ALTERNATE	SR 1503 (LAUREL VALLEY ROAD)	0.39
4	SR 1503 (LAUREL VALLEY ROAD)	US 23 ALTERNATE	YANCEY COUNTY LINE	3.33

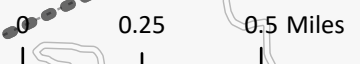


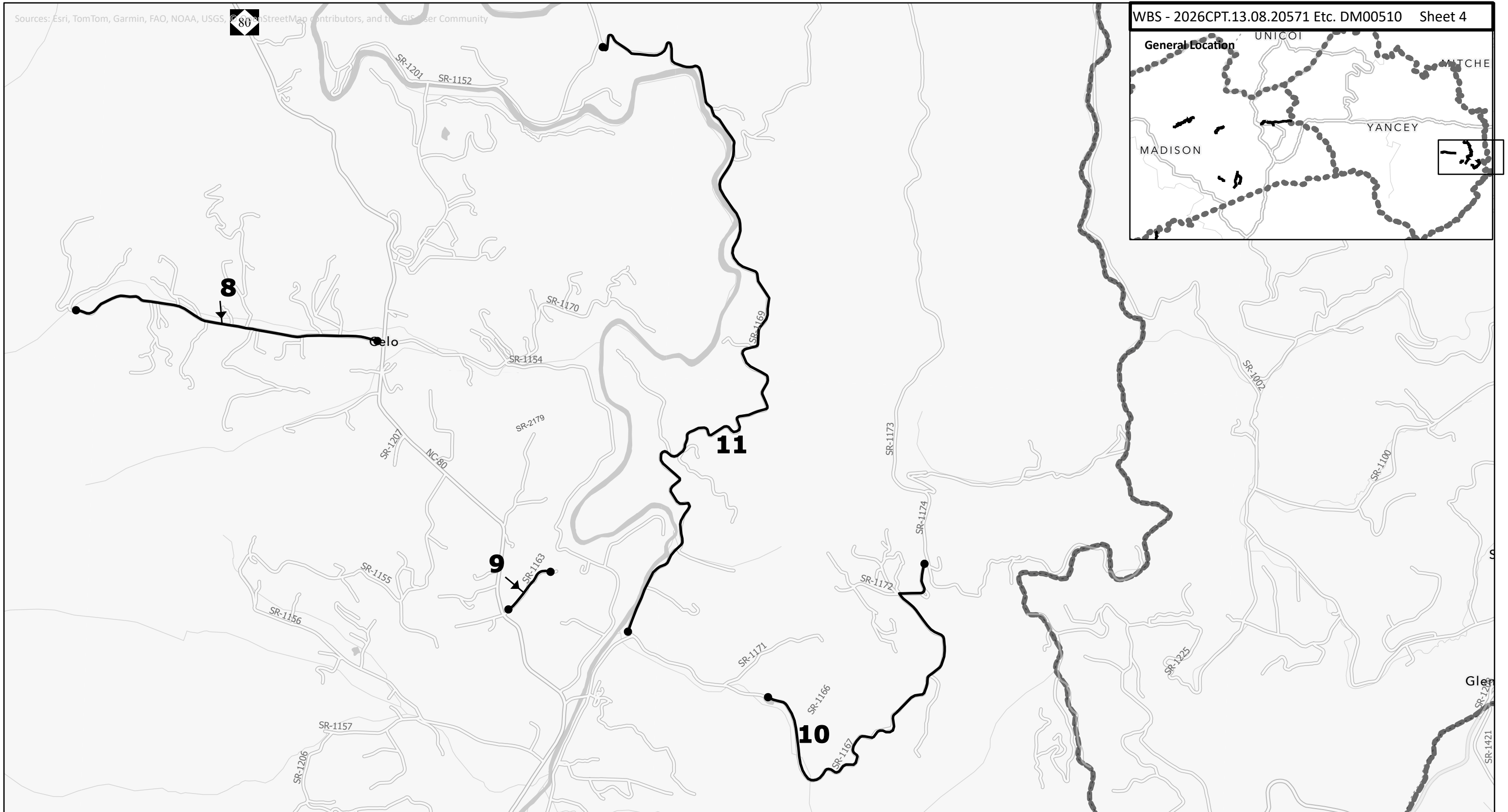
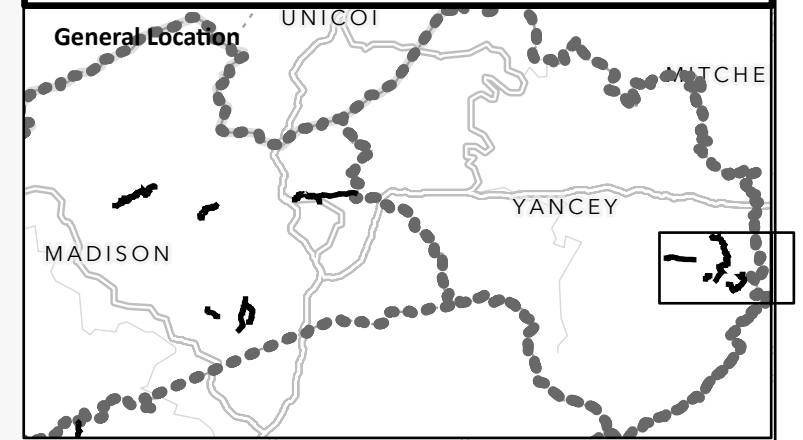
WBS - 2026CPT.13.08.20571 Etc. DM00510 Sheet 3

General Location

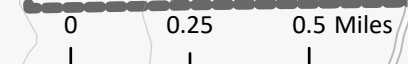


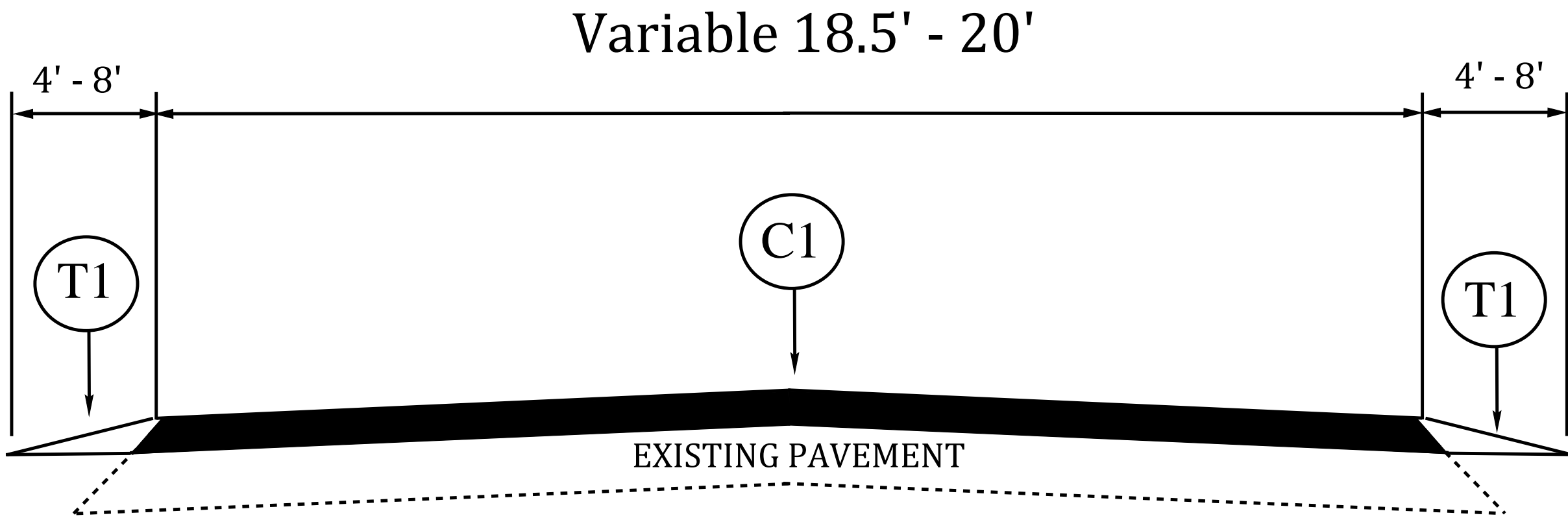
MAP #	ROUTE	FROM_DESC	TO_DESC	LENGTH
5	SR 1569 (BULL CREEK ROAD)	SR 1574 (HAZEL BROOK ROAD)	SR 1573 (GREEN HILL ROAD)	1.51
6	SR 1570 (KELLY HUNTER ROAD)	SR 1569 (BULL CREEK ROAD)	SR 1561 (UPPER WHITE OAK ROAD)	1.69
7	SR 1576 (BEND OF IVY ROAD)	SR 1574 (HAZELBROOK ROAD)	SR 1611 (SILVER MILL ROAD)	0.79





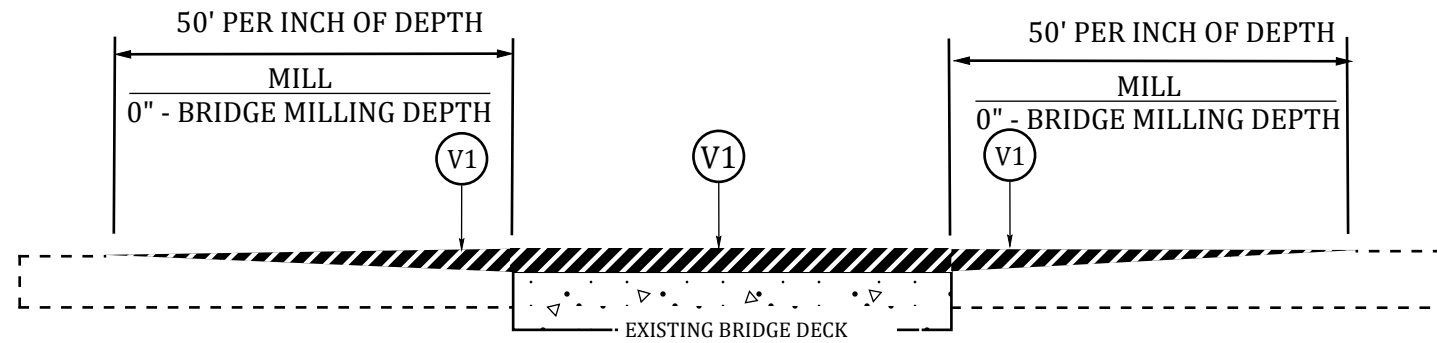
MAP #	ROUTE	FROM_DESC	TO_DESC	LENGTH
8	SR 1154 (UPPER BROWNS CREEK ROAD)	NC 80S	END OF MAINTENANCE	1.4
9	SR 1163 (SOUTH TOE SCHOOL ROAD)	NC 80 SOUTH	END OF MAINTENANCE	0.3
10	SR 1167 (SEVEN MILE RIDGE ROAD)	SR 1171 (McMAHAN ROAD)+.17 MILE	SR 1174 (CABBAGE PATCH ROAD)	2.02
11	SR 1169 (HALLS CHAPEL ROAD)	SR 1167 (SEVEN MILE RIDGE ROAD)	SR 1152 (BLUE ROCK ROAD)	4.04





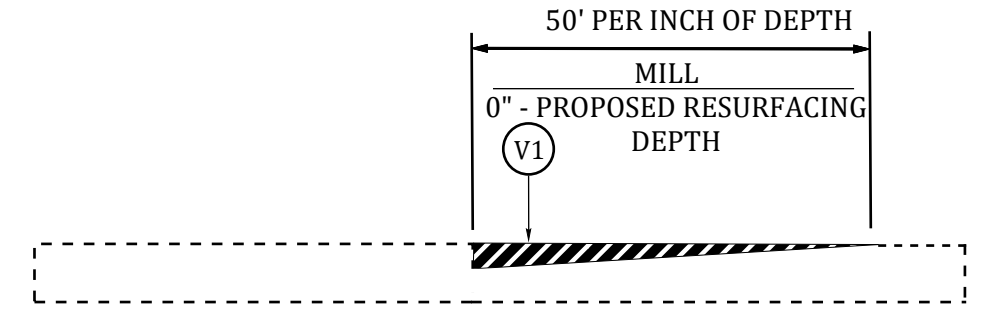
TYPICAL SECTION #1

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD
T1	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING



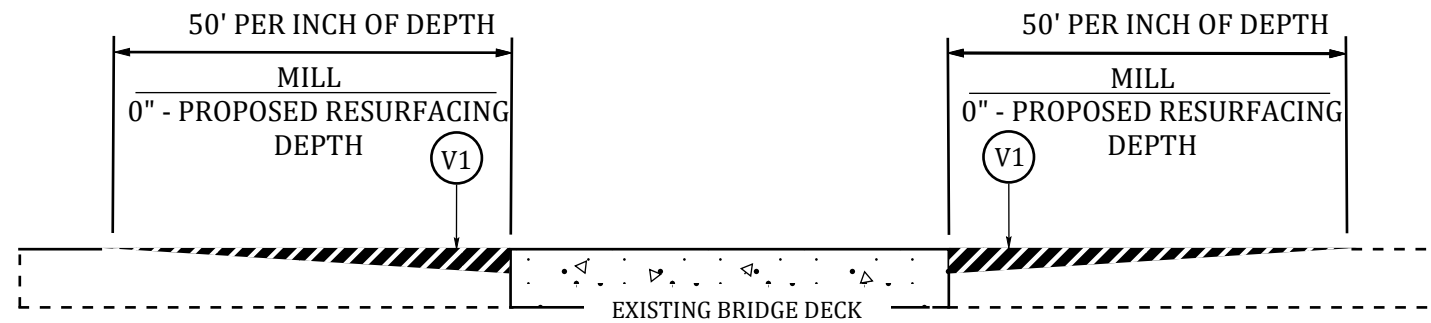
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL BE MILLED THEN RESURFACED.
 THIS WILL BE PAID FOR AS INCIDENTAL MILLING.
 USE AT BRIDGE NUMBER: 243 MAP 3,
 247 MAP 3, AND 249 MAP 3.



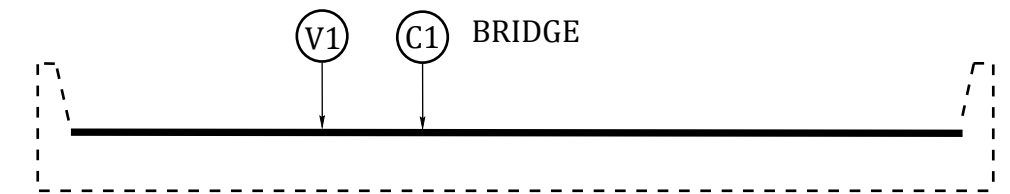
MILLING DETAIL TO TIE INTO EXIST PAVEMENT

THE CONTRACTOR'S ATTENTION IS DIRECTED TO
 THE FACT THAT HE WILL BE REQUIRED TO MILL
 THE EXISTING ASPHALT PAVEMENT TO ENSURE A PROPER
 TIE-IN WITH THE EXISTING SURFACE AT THE BEGINNING, END
 AND Y LINES OF EACH MAP TO BE RESURFACED WITH
 ASPHALT CONC SURFACE COURSE, TYPE 9.5B OR S9.5C.
 THIS WILL BE PAID FOR AS INCIDENTAL MILLING.



MILLING DETAIL AT BRIDGE APPROACHES

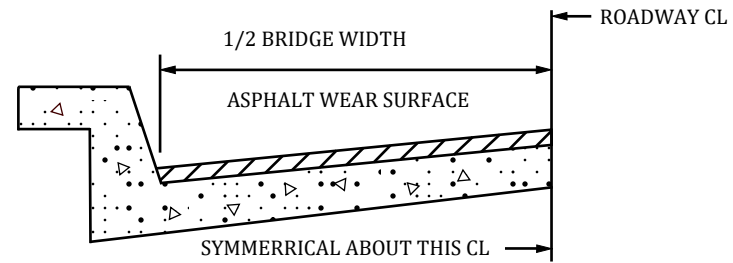
WHERE BRIDGES WILL NOT BE RESURFACED.
 THIS WILL BE PAID FOR AS INCIDENTAL MILLING.
 USE AT BRIDGE NUMBER: 248 MAP 4,



BRIDGE DETAIL

BRIDGE NUMBER 243 MAP 4,
 247 MAP 4, AND 249 MAP 4.
 SEE MAP FOR BRIDGE LOCATION.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD
T1	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING



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.

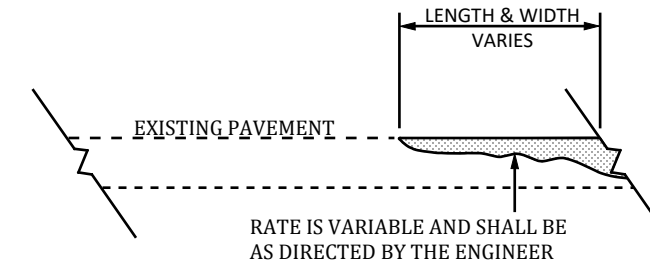
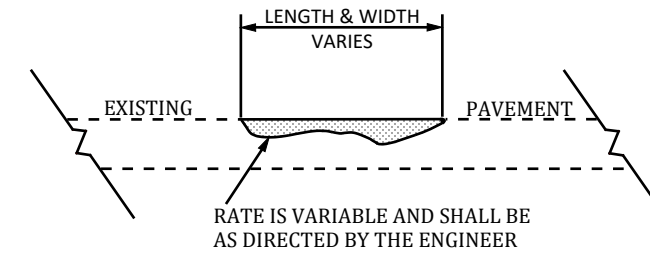
THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. THE MINIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1/2", S9.5B 1", S9.5C,D 1.5" - 2". ULTRA-THIN HOT MIX ASPHALT "

NOTES

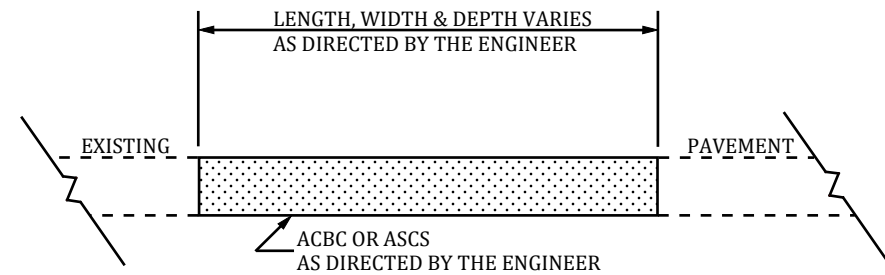
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.

SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE INDICATED.

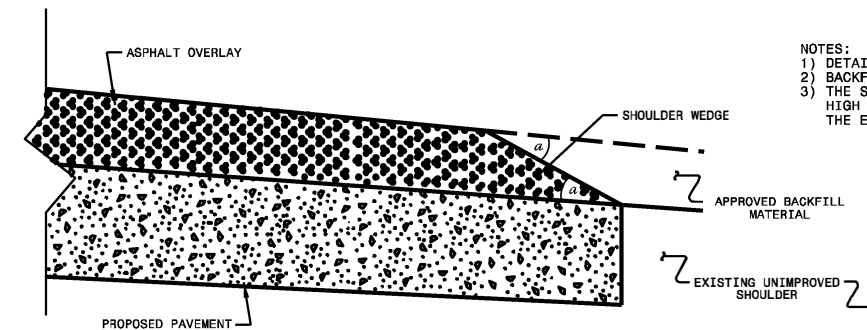
BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.



DETAIL SHOWING METHOD OF WEDGING

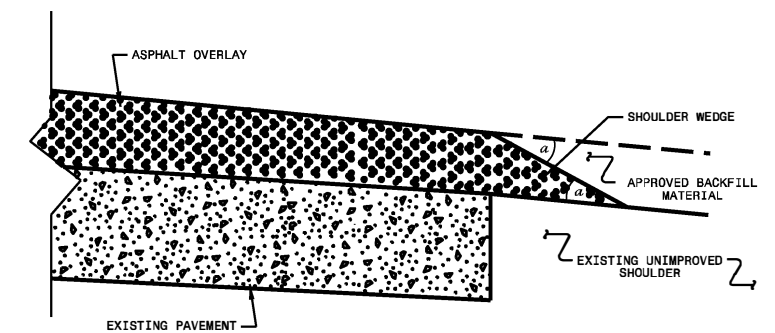


PATCHING EXISTING PAVEMENT

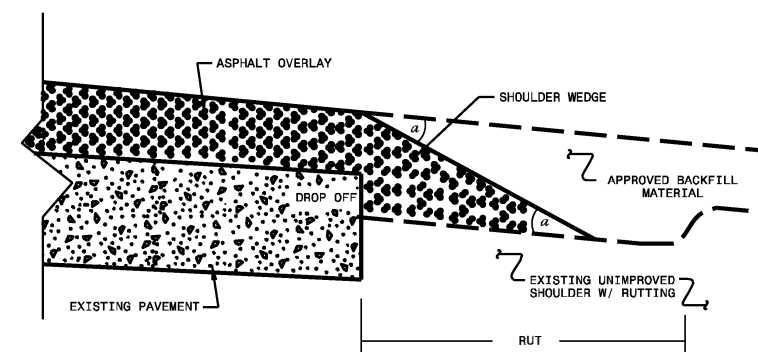


SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)

NOTES:
1) DETAIL DOES NOT APPLY TO OGAFG AND ULTRA-THIN BONDED WEARING COURSE.
2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS DIRECTED BY THE ENGINEER.

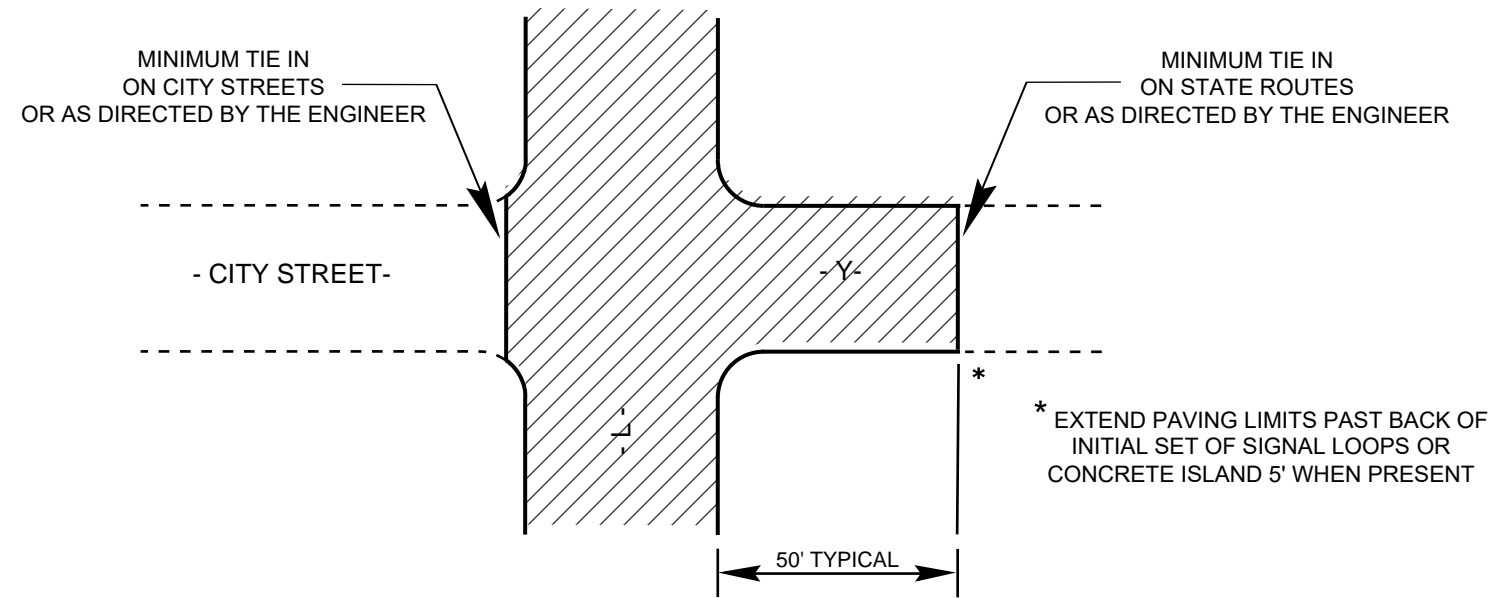


SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)

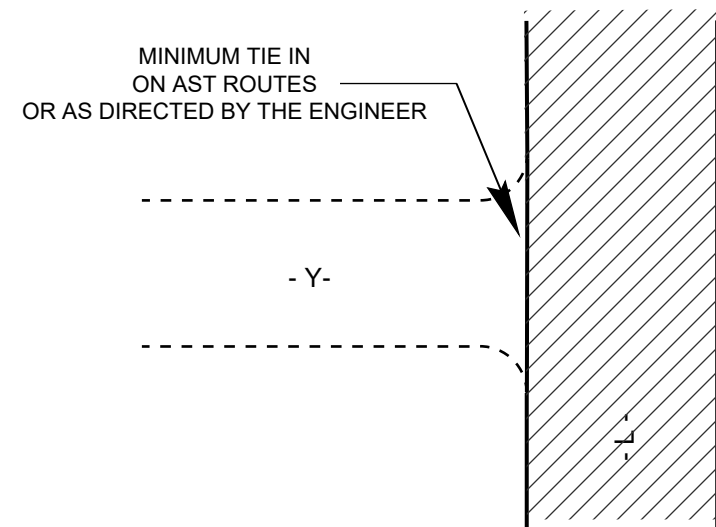


SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to Rutted Shoulder)

DETAIL 1

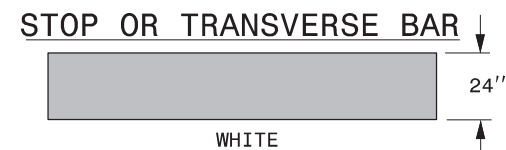
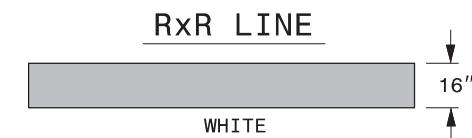
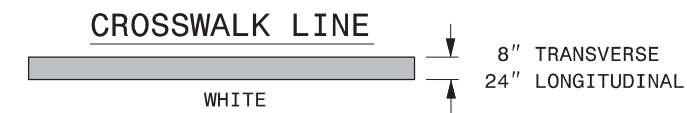
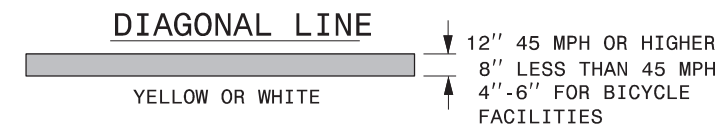
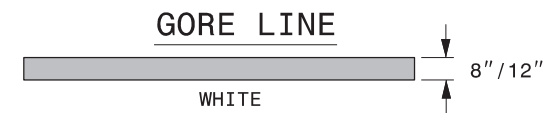


DETAIL 2



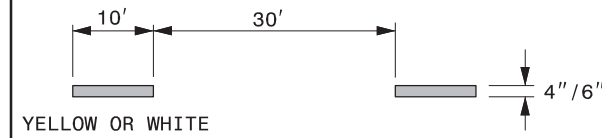
TYPICAL DETAILS OF PAVING LIMITS AT -Y- LINES

CONTINUOUS LINES



10'-30'/SP SKIP LINE

UNLESS OTHERWISE SHOWN, USE 10'-30'/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES.



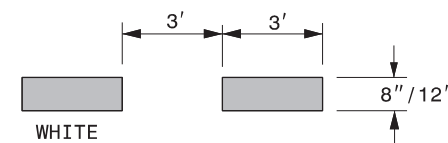
2'-6'/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 2'-6'/SP MINI-SKIPS FOR LANE LINE EXTENSIONS THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND BICYCLE LANE EXTENSIONS.



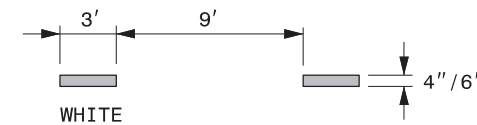
3'-3'/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 3'-3'/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS.



3'-9'/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 3'-9'/SP MINI-SKIPS FOR MINI-SKIP LANE LINES, LINE EXTENSIONS THROUGH TAPERS, AND MINI-SKIPS USED FOR BICYCLE LANE LINES.



GENERAL NOTES:

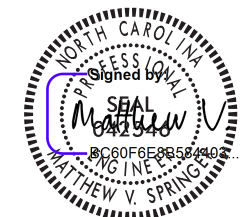
- 1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER.
- 2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
- 3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
PAVEMENT MARKINGS
LINE TYPES AND OFFSETS

SHEET 1 OF 2

1205D01



Springer, PE

5/5/2026

CONTRACTS STANDARDS AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: M.V. SPRINGER DATE: 2-15-24
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: _____

PROJECT NO.	SHEET NO.
2026CPT.13.08.20571, ETC.	11

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN	END	1220000000-E	1245000000-E	1260000000-E	1330000000-E	1519000000-E	1520000000-E	1575000000-E	1704000000-E
								MI	FT	MP	MP	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	LEVELING COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT
												TON	SMI	TON	SY	TON	TONS	TON	TON
2026CPT.13.08.20571	Madison	1	SR 1334 (REVERE ROAD)	FROM SR 1318 (BIG LAUREL ROAD) TO SR 1323 (BURTON COVE ROAD)		2	2WU	4.08	19.50	0.01	4.09	50	8.16	1,061	949	4,201	225	318	638
2026CPT.13.08.20571	Madison	2	SR 1370 (GRAPEVINE ROAD)	FROM MILE POST 5.9 TO SR 1432 (HYLTON HOLLOW ROAD) -1.59 MILE		2	2WU	1.50	20.00	5.90	7.40	8	3.00	390	215	1,558	160	119	158
2026CPT.13.08.20571	Madison	3	SR 1457 (LOWER PONDER BRANCH)	FROM US 23 ALTERNATE TO SR 1503 (LAUREL VALLEY ROAD)		2	2WU	0.39	19.00	0.01	0.40	16	0.78	101	150	385		27	32
2026CPT.13.08.20571	Madison	4	SR 1503 (LAUREL VALLEY ROAD)	FROM US 23 ALTERNATE TO YANCEY COUNTY LINE		2	2WU	3.33	20.00	0.01	3.34	90	6.66	866	1,295	3,536		261	650
2026CPT.13.08.20571	Madison	5	SR 1569 (BULL CREEK ROAD)	FROM SR 1574 (HAZEL BROOK ROAD) TO SR 1573 (GREEN HILL ROAD)		2	2WU	1.51	20.00	2.17	3.68	44	3.02	393	525	1,599		104	11
2026CPT.13.08.20571	Madison	6	SR 1570 (KELLY HUNTER ROAD)	FROM SR 1569 (BULL CREEK ROAD) TO SR 1561 (UPPER WHITE OAK ROAD)		2	2WU	1.69	18.50	0.00	1.69	80	3.38	439	225	1,624		110	86
2026CPT.13.08.20571	Madison	7	SR 1576 (BEND OF IVY ROAD)	FROM SR 1574 (HAZELBROOK ROAD) TO SR 1611 (SILVER MILL ROAD)		2	2WU	0.79	18.50	3.78	4.57	18	1.58	205	675	797	50	56	26
TOTAL FOR PROJ NO. 2026CPT.13.08.20571								13.29				306	26.58	3,455	4,034	13,700	435	995	1,601
2026CPT.13.08.21001	Yancey	8	SR 1154 (UPPER BROWNS CREEK ROAD)	FROM NC 80S TO END OF MAINTENANCE		2	2WU	1.40	20.00	2.74	4.14	112	2.80	364	160	1,454		97	57
2026CPT.13.08.21001	Yancey	9	SR 1163 (SOUTH TOE SCHOOL ROAD)	FROM NC 80 SOUTH TO END OF MAINTENANCE		2	2WU	0.31	19.00	0.01	0.31	22	0.62	81	215	319	100	31	88
2026CPT.13.08.21001	Yancey	10	SR 1167 (SEVEN MILE RIDGE ROAD)	FROM SR 1171 (MCMAHAN ROAD)+.17 MILE TO SR 1174 (CABBAGE PATCH ROAD)		2	2WU	2.02	20.00	1.10	3.12	98	5.76	749	330	3,020	50	201	37
2026CPT.13.08.21001	Yancey	11	SR 1169 (HALLS CHAPEL ROAD)	FROM SR 1167 (SEVEN MILE RIDGE ROAD) TO SR 1152 (BLUE ROCK ROAD)		2	2WU	4.04	19.00	0.01	4.05	116	8.08	1,051	195	4,003	150	288	380
TOTAL FOR PROJ NO. 2026CPT.13.08.21001								7.77				348	17.26	2,245	900	8,796	300	617	562
GRAND TOTAL								21.06				654	43.84	5,700	4,934	22,496	735	1,612	2,163

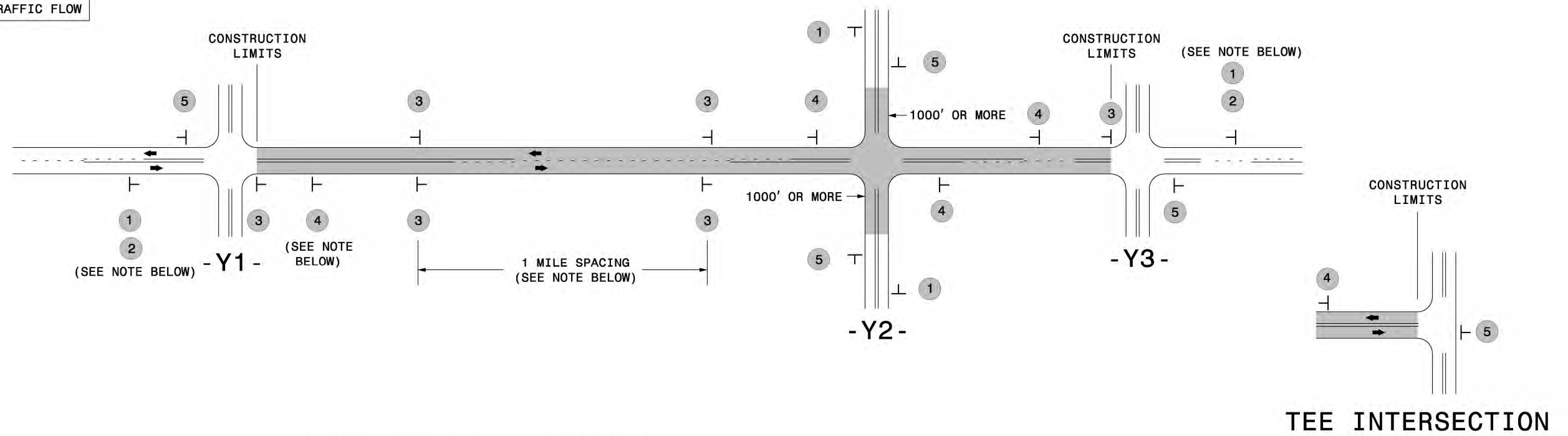
PROJECT NO.	SHEET NO.
2026CPT.13.08.20571, ETC.	12

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4890000000-E	
												WORK ZONE ADVANCE /GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 60 MILS) (WHITE)	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 60 MILS) (YELLOW)
												SF	LS	LF	LF
2026CPT.13.08.20571	Madison	1	SR 1334 (REVERE ROAD)	FROM SR 1318 (BIG LAUREL ROAD) TO SR 1323 (BURTON COVE ROAD)	1	2	2WU	4.08	19.50	0.01	4.09	457		43,085	43,085
2026CPT.13.08.20571	Madison	2	SR 1370 (GRAPEVINE ROAD)	FROM MILE POST 5.9 TO SR 1432 (HYLTON HOLLOW ROAD) - 1.59 MILE	1	2	2WU	1.50	20.00	5.90	7.40	168		15,840	15,840
2026CPT.13.08.20571	Madison	3	SR 1457 (LOWER PONDER BRANCH)	FROM US 23 ALTERNATE TO SR 1503 (LAUREL VALLEY ROAD)	1	2	2WU	0.39	19.00	0.01	0.40	44		4,218	4,218
2026CPT.13.08.20571	Madison	4	SR 1503 (LAUREL VALLEY ROAD)	FROM US 23 ALTERNATE TO YANCEY COUNTY LINE	1	2	2WU	3.33	20.00	0.01	3.34	373		35,270	35,270
2026CPT.13.08.20571	Madison	5	SR 1569 (BULL CREEK ROAD)	FROM SR 1574 (HAZEL BROOK ROAD) TO SR 1573 (GREEN HILL ROAD)	1	2	2WU	1.51	20.00	2.17	3.68	170		16,051	16,051
2026CPT.13.08.20571	Madison	6	SR 1570 (KELLY HUNTER ROAD)	FROM SR 1569 (BULL CREEK ROAD) TO SR 1561 (UPPER WHITE OAK ROAD)	1	2	2WU	1.69	18.50	0.00	1.69	190		17,868	17,868
2026CPT.13.08.20571	Madison	7	SR 1576 (BEND OF IVY ROAD)	FROM SR 1574 (HAZELBROOK ROAD) TO SR 1611 (SILVER MILL ROAD)	1	2	2WU	0.79	18.50	3.78	4.57	89		8,398	8,398
TOTAL FOR PROJ NO. 2026CPT.13.08.20571								13.29				1,491		140,730	140,730
													281,460		
2026CPT.13.08.21001	Yancey	8	SR 1154 (UPPER BROWNS CREEK ROAD)	FROM NC 80S TO END OF MAINTENANCE	1	2	2WU	1.40	20.00	2.74	4.14	157		14,784	14,784
2026CPT.13.08.21001	Yancey	9	SR 1163 (SOUTH TOE SCHOOL ROAD)	FROM NC 80 SOUTH TO END OF MAINTENANCE	1	2	2WU	0.31	19.00	0.01	0.31	35			
2026CPT.13.08.21001	Yancey	10	SR 1167 (SEVEN MILE RIDGE ROAD)	FROM SR 1171 (MCMAHAN ROAD)+.17 MILE TO SR 1174 (CABBAGE PATCH ROAD)	1	2	2WU	2.02	20.00	1.10	3.12	227		30,413	30,413
2026CPT.13.08.21001	Yancey	11	SR 1169 (HALLS CHAPEL ROAD)	FROM SR 1167 (SEVEN MILE RIDGE ROAD) TO SR 1152 (BLUE ROCK ROAD)	1	2	2WU	4.04	19.00	0.01	4.05	453		42,663	42,663
TOTAL FOR PROJ NO. 2026CPT.13.08.21001								7.77				872	1	87,860	87,860
													175,720		
GRAND TOTAL								21.06				2,363	1	457,180	457,180

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

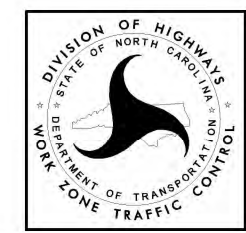
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		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"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS DEAD END ROADS <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;"> <div style="text-align: center;"> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3		<ul style="list-style-type: none"> PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	4		<ul style="list-style-type: none"> 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. FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE. 	
	5		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.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

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