

PROJECT NO.	SHEET NO.	TOTAL NO.
9CPT.11.01.10971, 2019CPT.11.01.20	1	2

SUMMARY OF QUANTITIES

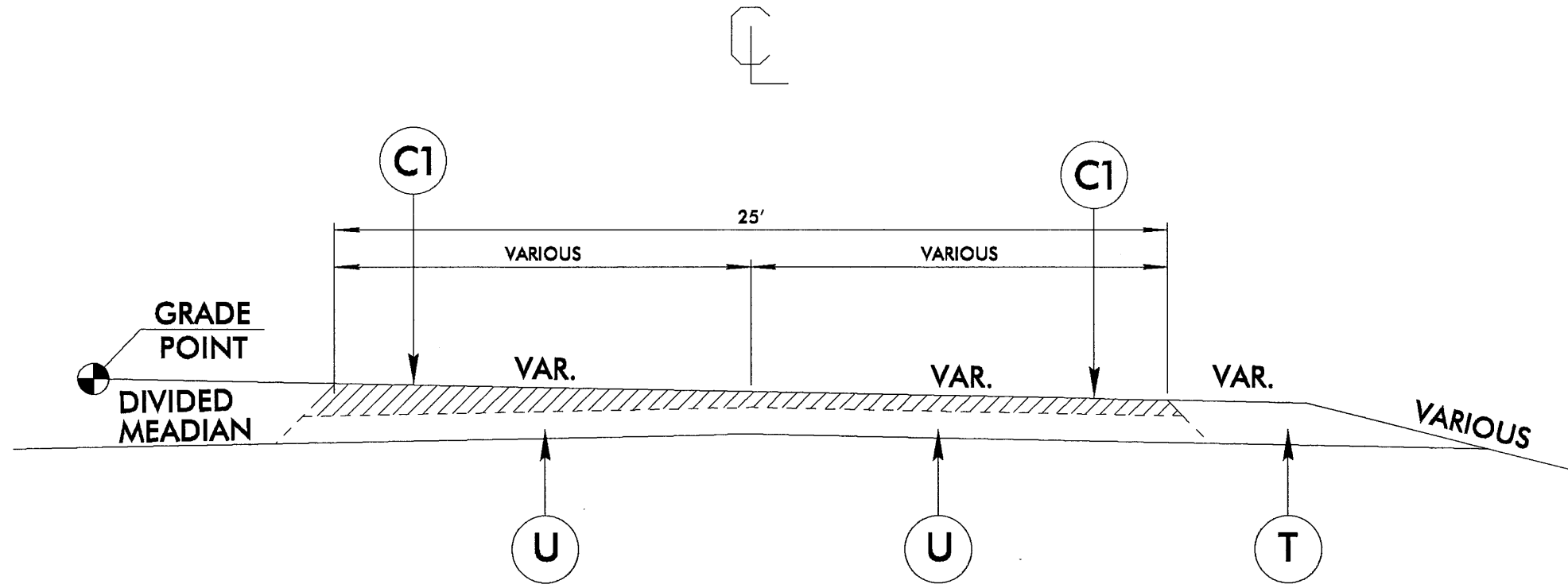
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0106000000-E	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E	1523000000-E	1575000000-E	2830000000-N	2845000000-N	4520000000-N	5255000000-N	6084000000-E		
												BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1½" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TUBULAR MARKERS (FIXED)	PORTABLE LIGHTING	SEED & MULCHING		
												MI	FT	CY	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS	EA	EA	EA	LS	AC
2019CPT.11.01.10971	Wilkes	1	US 421	FROM NC 16 TO SR 1147 (NORTH MINTON ROAD)	1	2	MD	NO	NO	1.62	25	324	25	3.24		139			2,285	137	1	3			1.20		
2019CPT.11.01.10971	Wilkes	2	US 421	FROM SR 1147 (NORTH MINTON ROAD) + .11 MILES TO SR 1145 (NORTH RECREATION ROAD)	1	2	MD	NO	NO	1.74	25	350	50	3.49		139			2,405	144					1.30		
2019CPT.11.01.10971	Wilkes	3	US 421	1000 FEET SOUTH OF SR 1155 (LEWIS FORK BAPTIST CHURCH) TO SR 1171 (SIFFORDS BRANCH ROAD)	1	2	MD	NO	NO	1.4	25	280	25	2.80		139			1,755	105					1.00		
2019CPT.11.01.10971	Wilkes	4	US 421	FROM SR 1171 (SIFFORDS BRANCH ROAD) TO SR 1155	1	2	MD	NO	NO	1.35	25	270	50	2.70		139			1,744	105					1.00		
2019CPT.11.01.10971	Wilkes	5	US 421 BUSINESS	FROM NC 18 (CBD LOOP) TO SR 1185 (CURTIS BRIDGE ROAD)	2	2	MU	NO	NO	1.84	43	268	10	2.68	22,000	239			4,053	243	9	4		1.00	1.00		
2019CPT.11.01.10971	Wilkes	6	US 421 BUSINESS	FROM SR1185 (CURTIS BRIDGE ROAD) TO US 421	2	2	MU	NO	NO	0.32	80	70		0.64	5,000	444			1,324	79					0.25		
2019CPT.11.01.10971	Wilkes	7	NC 18	FROM SR 1727 (ELLIS MOUNTAIN ROAD) TO SR 1729 (OLD HIGHWAY 18) + .65 MILES	3	2	2WU	NO	NO	4	24	800	200	8.00		67			4,756	285					2.90		
2019CPT.11.01.10971	Wilkes	8	NC 18	FROM SR 1729 (OLD HIGHWAY 18) + .65 MILES TO ALLEGHANY COUNTY LINE	3	2	2WU	NO	NO	0.57	20	120	50	1.14		56			599	36					0.40		
2019CPT.11.01.10971	Wilkes	9	NC 268	FROM CALDWELL COUNTY LINE TO SR 1131 (FOSTER PAYNE ROAD)	4	2	2WU	NO	NO	4.7	20	940	50	9.40		389		4,711		283					3.40		
2019CPT.11.01.10971	Wilkes	10	NC 268	FROM SR 1131 (FOSTER PAYNE ROAD) TO SR 1137 (SOUTH MARLEY FORD ROAD)	4	2	2WU	NO	NO	1.89	23	378	50	3.78		64		2,204		132					2.84		
TOTAL FOR PROJ NO. 2019CPT.11.01.10971												19.43		3,800	510	37.87	27,000	1,815		6,915	18,921	1,549	10	7		1.00	15.29
2019CPT.11.01.20971	Wilkes	11	SR 1114 (BOOMER ROAD)	FROM NC 268 TO SR 1119 (WALSHTOWN ROAD)	4	2	2WU	NO	NO	1.39	20	280	50	2.78		56		1,429		86					1.00		
2019CPT.11.01.20971	Wilkes	12	SR 1114 (BOOMER ROAD)	FROM SR 1119 (WALSHTOWN ROAD) TO NC 18	4	2	2WU	NO	NO	1.44	20	300	50	2.88		56		1,478		89					1.00		
2019CPT.11.01.20971	Wilkes	13	SR 1703 (ELLEDEGE MILL ROAD)	FROM NC 18 TO END 16 FOOT PAVEMENT	4	2	2WU	NO	NO	0.99	16	200	50	1.98		44		845		51					0.70		
2019CPT.11.01.20971	Wilkes	14	SR 1703 (ELLEDEGE MILL ROAD)	FROM END 16 FOOT PAVEMENT TO SR 1718 (MULBERRY MILL ROAD)	4	2	2WU	NO	NO	0.57	20	110	20	1.14		56		565		34					0.40		
2019CPT.11.01.20971	Wilkes	15	SR 1971 (FAIRPLAINS ROAD)	FROM NC 18 TO SR 2162 (GRIMES STREET)	4	2	2WU	NO	NO	0.92	20	180	15	1.84		111		927		56		3	11.00		0.60		
2019CPT.11.01.20971	Wilkes	16	SR 2334 (FLINT HILL ROAD)	FROM END OF PROJECT R-2603 TO NORTH WILKESBORO CITY LIMITS	4	2	2WU	NO	NO	1.73	20	350	50	3.46		333		1,716		103					1.25		
2019CPT.11.01.20971	Wilkes	17	SR 2461 (EDGEWOOD ROAD)	FROM US 421 RAMP TO SR 2462 (COUNTRY CLUB EXT)	5	2	2WU	NO	NO	2.29	24	458	25	4.58		800	2,859	2,723		289					1.70		
2019CPT.11.01.20971	Wilkes	18	SR 2462 (EDGEWOOD ROAD)	FROM NC 115 TO SR 2462 (COUNTRY CLUB EXT)	5	2	2WU	NO	NO	0.21	24	42	50	0.42		107	1,386	325		80					0.03		
TOTAL FOR PROJ NO. 2019CPT.11.01.20971												9.54		1,920	310	19.08		1,563	4,245	10,008	788	3	11.00		6.68		
GRAND TOTAL												28.97		5,720	820	56.95	27,000	3,378	4,245	16,923	18,921	2,337	10	10	11.00	1.00	21.97

PROJECT NO.	SHEET NO.	TOTAL NO.
PT.11.01.10971, 2019CPT.11.01	2	2

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4686000000-E	4810000000-E		4820000000-E	4835000000-E	4840000000-N	4845000000-N						4905000000-N	
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 120 M WHITE THERMO	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT	24" WHITE PAINT	PAINT MSG ONLY	PAINT LT ARROW	PAINT STR ARROW	PAINT RT ARROW	PAINT STR & RT ARROW	PAINT STR & LT ARROW	PAINT 12" YIELD LINE	SNOW PLOWABLE MARKERS	
										SF	LS	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA		
2019CPT.11.01.10971	Wilkes	1	US 421	FROM NC 16 TO SR 1147 (NORTH MINTON ROAD)	1	2	MD	1.62	25	178	1.00		21,387	17,110		48		12	12	6				194	
2019CPT.11.01.10971	Wilkes	2	US 421	FROM SR 1147 (NORTH MINTON ROAD) +.11 MILES TO SR 1145 (NORTH RECREATION ROAD)	1	2	MD	1.74	25	178			23,056	18,548		48		12	14	2	2			150	
2019CPT.11.01.10971	Wilkes	3	US 421	1000 FEET SOUTH OF SR 1155 (LEWIS FORK BAPTIST CHURCH) TO SR 1171 (SIFFORDS BRANCH ROAD)	1	2	MD	1.4	25	120			22,736	14,924		12		7	12	1				126	
2019CPT.11.01.10971	Wilkes	4	US 421	FROM SR 1171 (SIFFORDS BRANCH ROAD) TO SR 1155	1	2	MD	1.35	25	96			14,250	14,500				3		4				117	
2019CPT.11.01.10971	Wilkes	5	US 421 BUSINESS	FROM NC 18 (CBD LOOP) TO SR 1185 (CURTIS BRIDGE ROAD)	2	2	MU	1.84	43	333			66,240	79,120		132	32	28	27	12	10	8		384	
2019CPT.11.01.10971	Wilkes	6	US 421 BUSINESS	FROM SR1185 (CURTIS BRIDGE ROAD) TO US 421	2	2	MU	0.32	80	181			10,118	7,200		84	12	15	12	2				85	
2019CPT.11.01.10971	Wilkes	7	NC 18	FROM SR 1727 (ELLIS MOUNTAIN ROAD) TO SR 1729 (OLD HIGHWAY 18) + .65 MILES	3	2	2WU	4	24	187			168,960											264	
2019CPT.11.01.10971	Wilkes	8	NC 18	FROM SR 1729 (OLD HIGHWAY 18) + .65 MILES TO ALLEGHANY COUNTY LINE	3	2	2WU	0.57	20	187			12,266	12,017					2					50	
2019CPT.11.01.10971	Wilkes	9	NC 268	FROM CALDWELL COUNTY LINE TO SR 1131 (FOSTER PAYNE FOAD)	4	2	2WU	4.7	20	355			100,000	100,000										310	
2019CPT.11.01.10971	Wilkes	10	NC 268	FROM SR 1131 (FOSTER PAYNE ROAD) TO SR 1137 (SOUTH MARLEY FORD ROAD)	4	2	2WU	1.89	23	355			40,000	40,000										125	
TOTAL FOR PROJ NO. 2019CPT.11.01.10971								19.43		2,170	1		479,013	303,419		324	44	77	79	27	12	8		1,805	
													782,432						203						
2019CPT.11.01.20971	Wilkes	11	SR 1114 (BOOMER ROAD)	FROM NC 268 TO SR 1119 (WALSHTOWN ROAD)	4	2	2WU	1.39	20	259			41,005	41,005										92	
2019CPT.11.01.20971	Wilkes	12	SR 1114 (BOOMER ROAD)	FROM SR 1119 (WALSHTOWN ROAD) TO NC 18	4	2	2WU	1.44	20	259			43,776	43,776										95	
2019CPT.11.01.20971	Wilkes	13	SR 1703 (ELLEDGE MILL ROAD)	FROM NC 18 TO END 16 FOOT PAVEMENT	4	2	2WU	0.99	16	160			20,790	20,790		24		1		1					
2019CPT.11.01.20971	Wilkes	14	SR 1703 (ELLEDGE MILL ROAD)	FROM END 16 FOOT PAVEMENT TO SR 1718 (MULBERRY MILL ROAD)	4	2	2WU	0.57	20	160			6,840	6,840											
2019CPT.11.01.20971	Wilkes	15	SR 1971 (FAIRPLAINS ROAD)	FROM NC 18 TO SR 2162 (GRIMES STREET)	4	2	2WU	0.92	20	256		160	17,940	17,940	27				1			1	19	61	
2019CPT.11.01.20971	Wilkes	16	SR 2334 (FLINT HILL ROAD)	FROM END OF PROJECT R-2603 TO NORTH WILKESBORO CITY LIMITS	4	2	2WU	1.73	20	168			36,500	36,500										114	
2019CPT.11.01.20971	Wilkes	17	SR 2461 (EDGEWOOD ROAD)	FROM US 421 RAMP TO SR 2462 (COUNTRY CLUB EXT)	5	2	2WU	2.29	24	332			49,000	49,000										151	
2019CPT.11.01.20971	Wilkes	18	SR 2462 (EDGEWOOD ROAD)	FROM NC 115 TO SR 2462 (COUNTRY CLUB EXT)	5	2	2WU	0.21	24	75			4,400	4,400					1		2		1	19	
TOTAL FOR PROJ NO. 2019CPT.11.01.20971								9.54		1,669		160	220,251	220,251	27	24			1		2		1	19	513
													440,502							23					
GRAND TOTAL								28.97		3,839	1	160	699,264	523,670	27	348	44	78	79	29	12	9	19	2,318	
													1,222,934						226						

TYPICALS AND PAVEMENT SCHEDULES

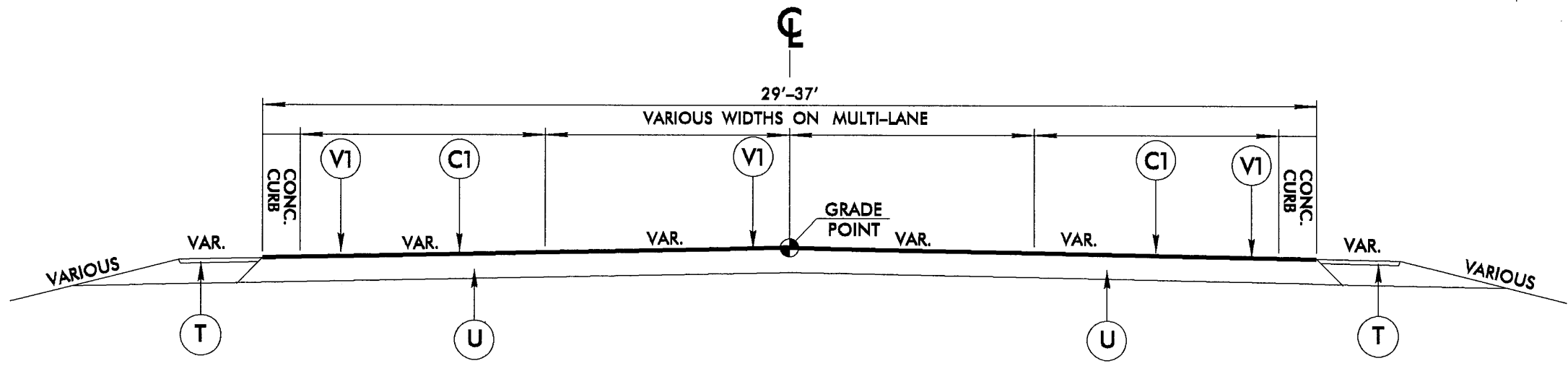


TYPICAL SECTION NO. 1

FOR MAPS # 1 THROUGH # 4

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
T	PROPOSED SHOULDER MATERIAL

TYPICALS AND PAVEMENT SCHEDULES



TYPICAL SECTION NO. 2

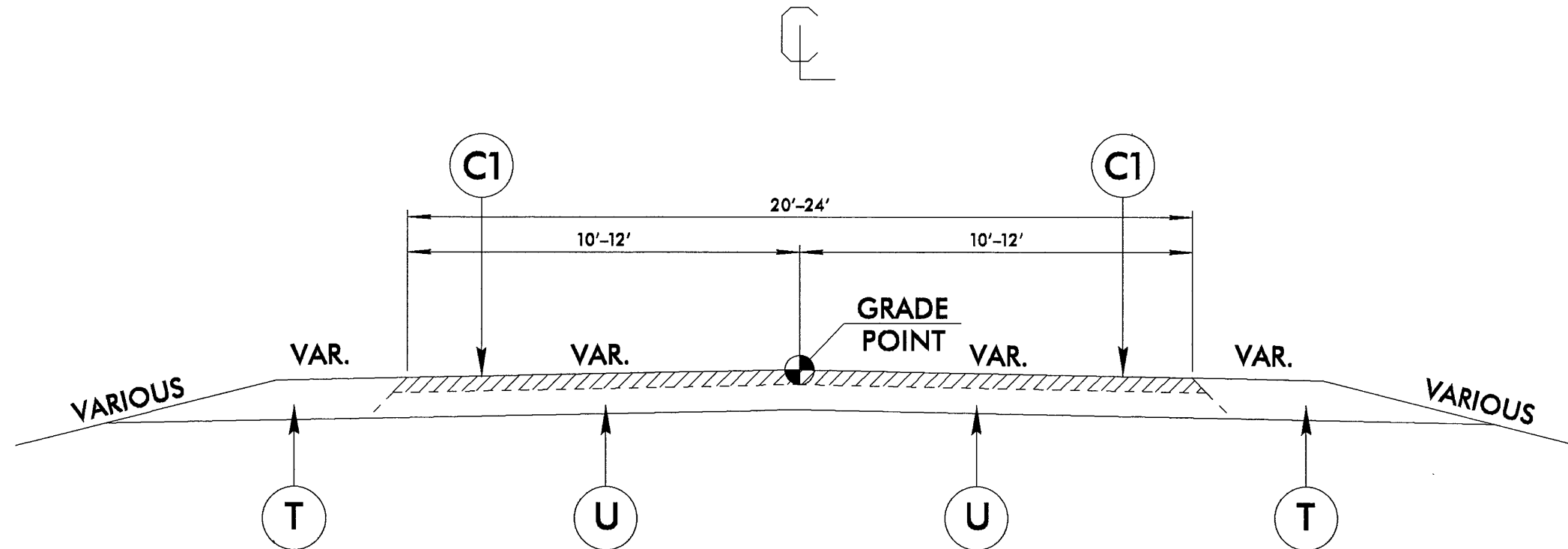
FOR MAP # 5 AND # 6

NOTE :

- *MAP #5 0.55 MILE OF CURB AND GUTTER WITH 1.5" OF MILLING.
- *MAP #5 1.21 MILE OF VARIOUS WIDTH LANES
- *MAP #5 0.15 MILE OF DIVIDED MEDIAN

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C , AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	PROPOSED SHOULDER MATERIAL
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1.5"

TYPICALS AND PAVEMENT SCHEDULES

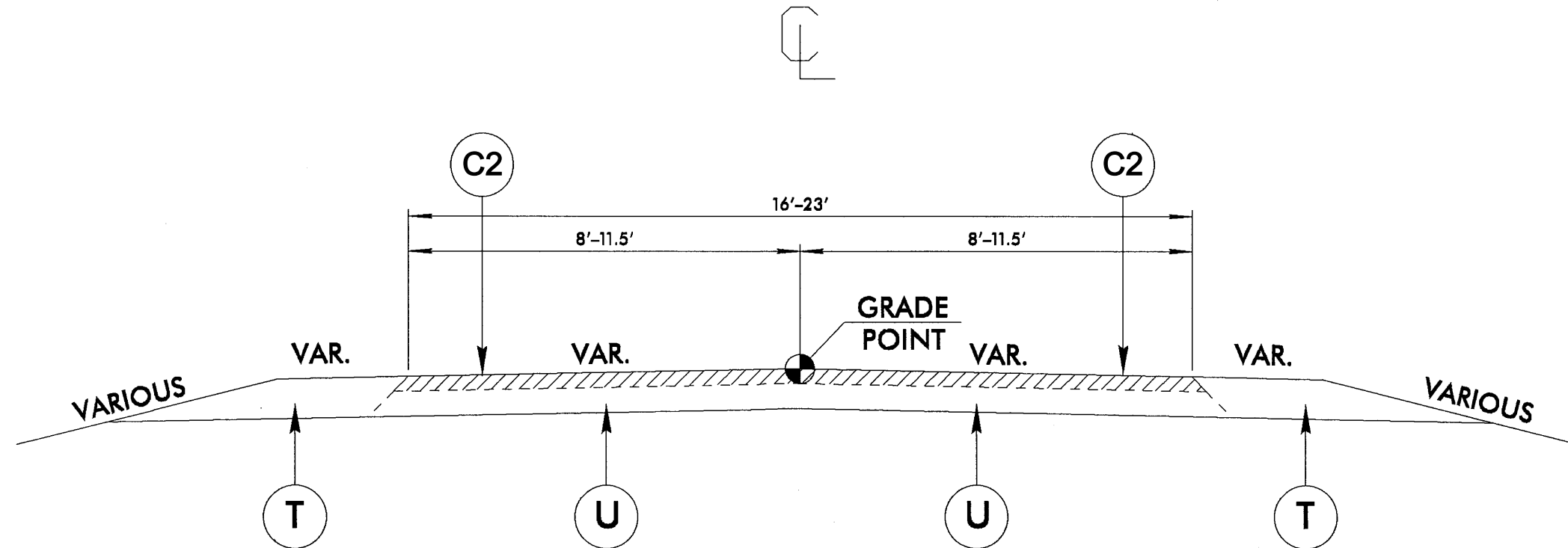


TYPICAL SECTION NO. 3

FOR MAPS # 7 AND # 8

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
T	PROPOSED SHOULDER MATERIAL

TYPICALS AND PAVEMENT SCHEDULES

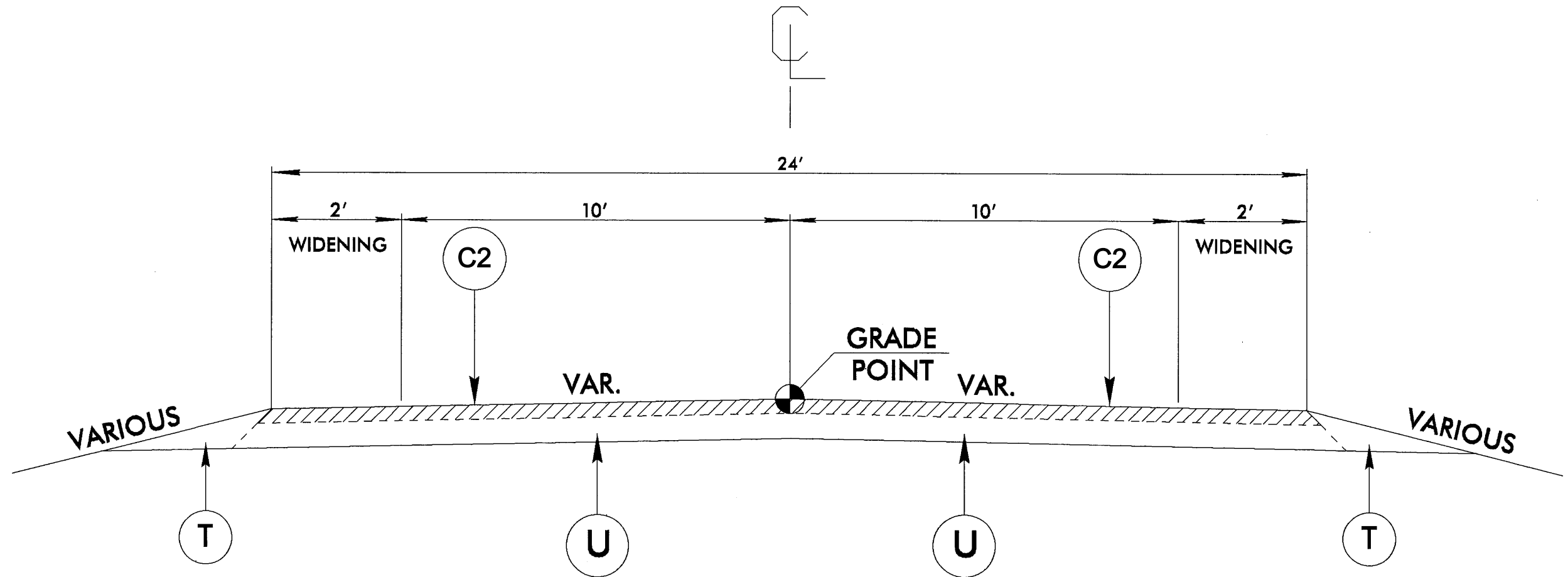


TYPICAL SECTION NO. 4

FOR MAPS # 9 THROUGH # 16

C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
T	PROPOSED SHOULDER MATERIAL

TYPICALS AND PAVEMENT SCHEDULES

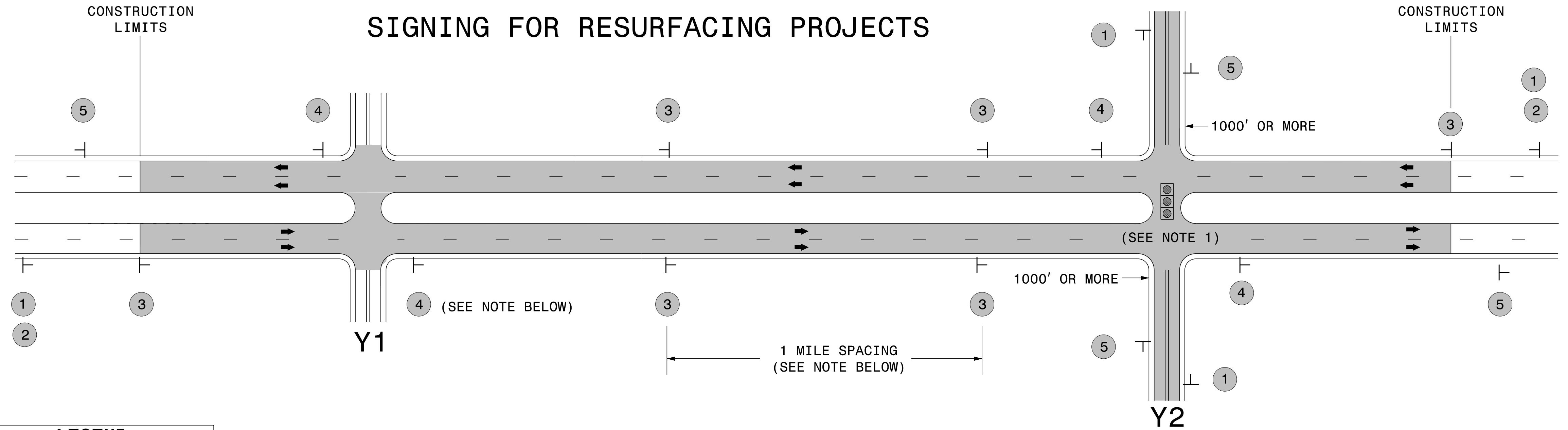


TYPICAL SECTION NO. 5

FOR MAPS # 17 AND #18

C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
T	PROPOSED SHOULDER MATERIAL

NOTE : PAVEMENT SCHEDULE FOR WIDENING 2' WIDTH ON EACH SIDE CONSIST OF 8" OF B25.0C



LEGEND
 | STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

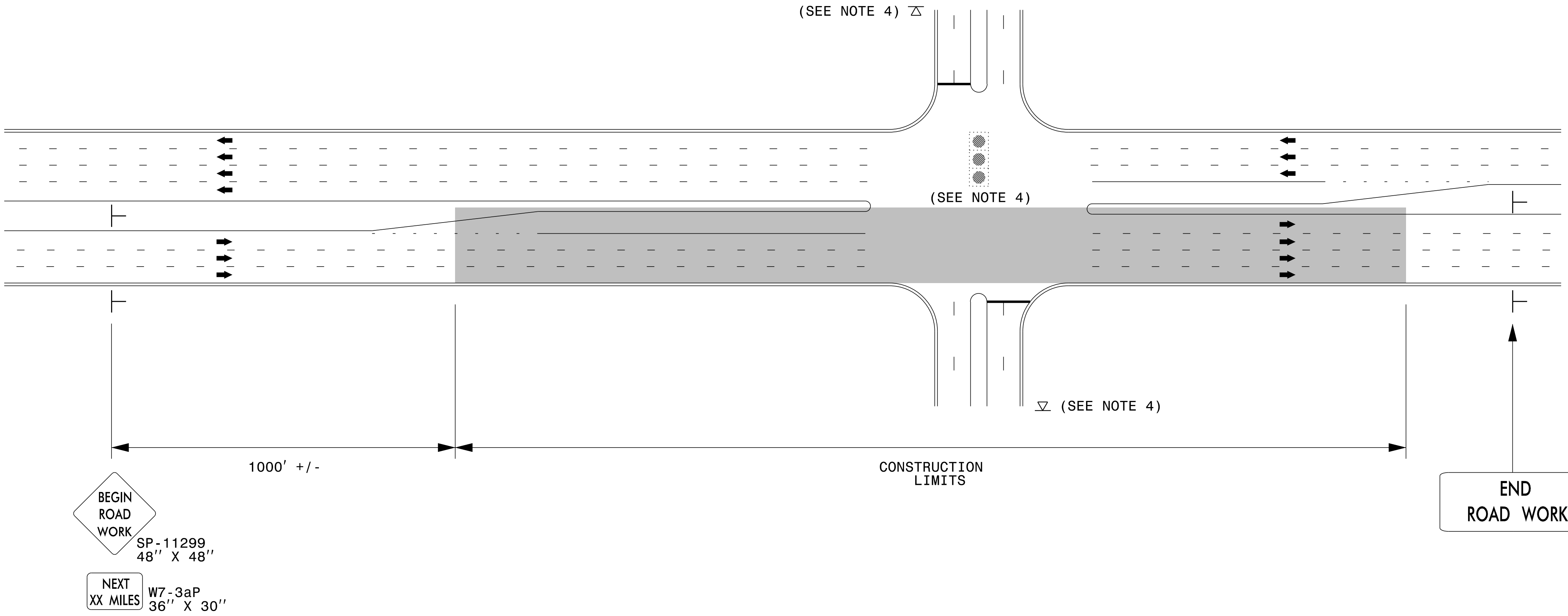
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#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)</p>	<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;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
		<p>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.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

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**RESURFACING
 ADVANCE WARNING SIGNS
 FOR RURAL AND SUBURBAN
 MULTI-LANE ROADWAYS
 W/ SHOULDER SECTIONS**

URBAN / SUBURBAN WORKZONES



NOTES:

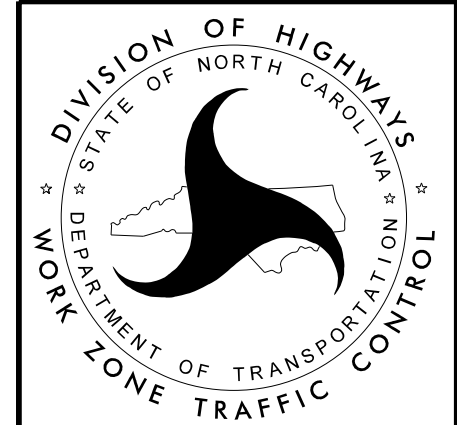
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

┆ STATIONARY SIGN

➔ DIRECTION OF TRAFFIC FLOW

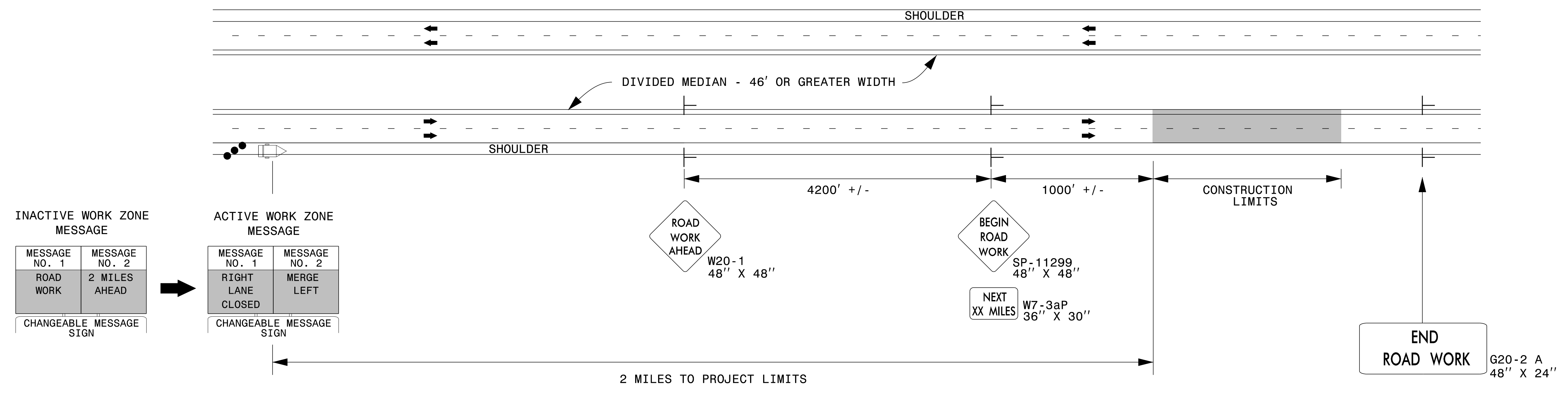
END ROAD WORK
G20-2 A
48" X 24"



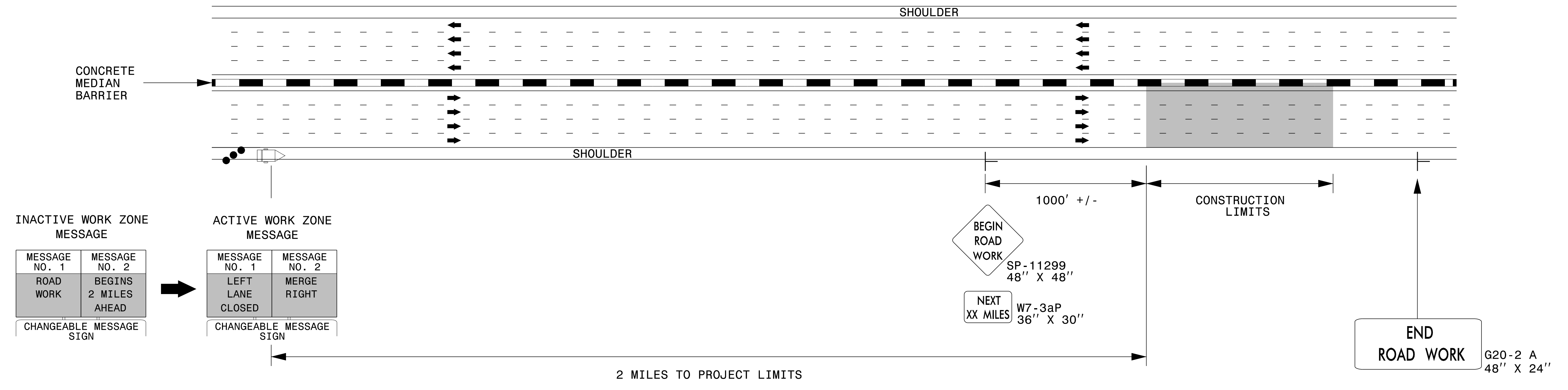
RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

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DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



DIVIDED MEDIANS WITH WIDTHS LESS THAN 46' OR WITH PERMANENT MEDIAN BARRIER

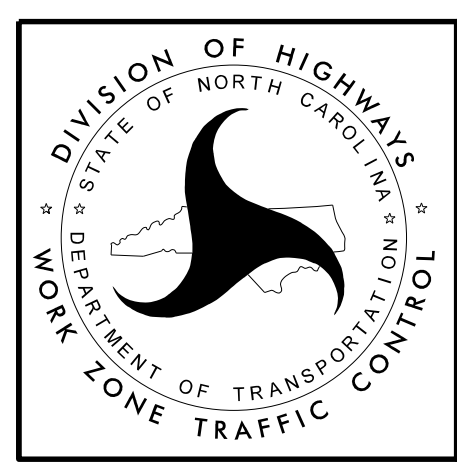


NOTES:

- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) FOR MEDIAN WIDTHS LESS THAN 46' (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
- 4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 5) INSTALL "ROAD WORK AHEAD" (W20-1) ALONG ENTRANCE RAMP 500' PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMP WITHIN THE WORK ZONE.
- 6) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- CHANGEABLE MESSAGE SIGN (CMS)
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM

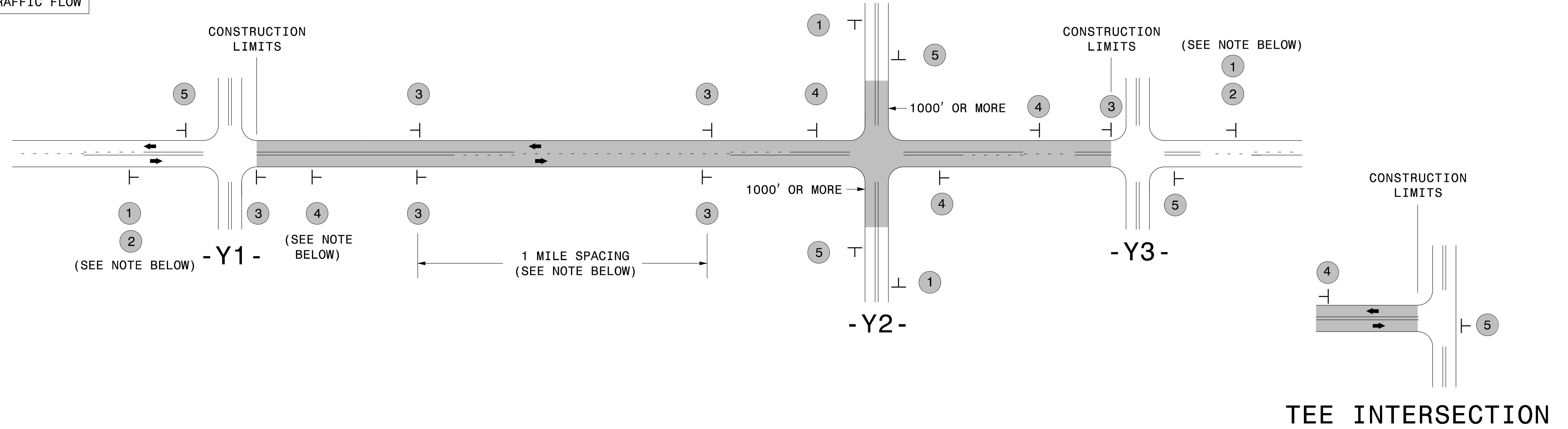


RESURFACING ADVANCE WARNING SIGNS FOR HIGH SPEED FACILITIES ≥ 60 MPH

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SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

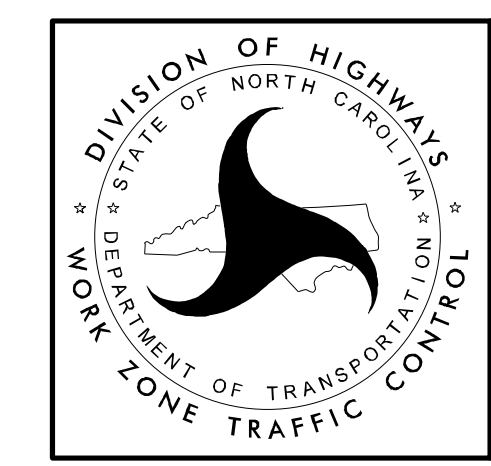
-Y- LINE SIGNING

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.	<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, 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;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2	 W7-3aP 24" X 18"	#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	 SP 13107 48" X 48"	<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	 SP 13106 48" X 48"	<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	 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.

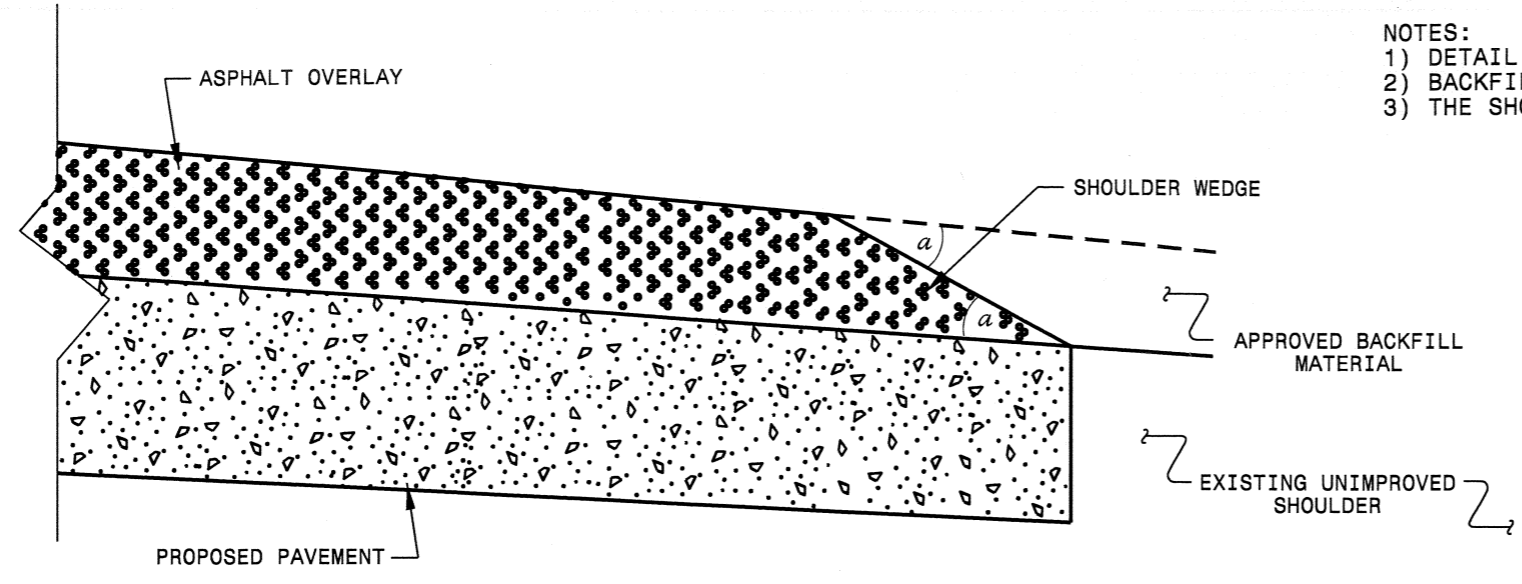
MAPS LESS THAN 2 MILES

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.

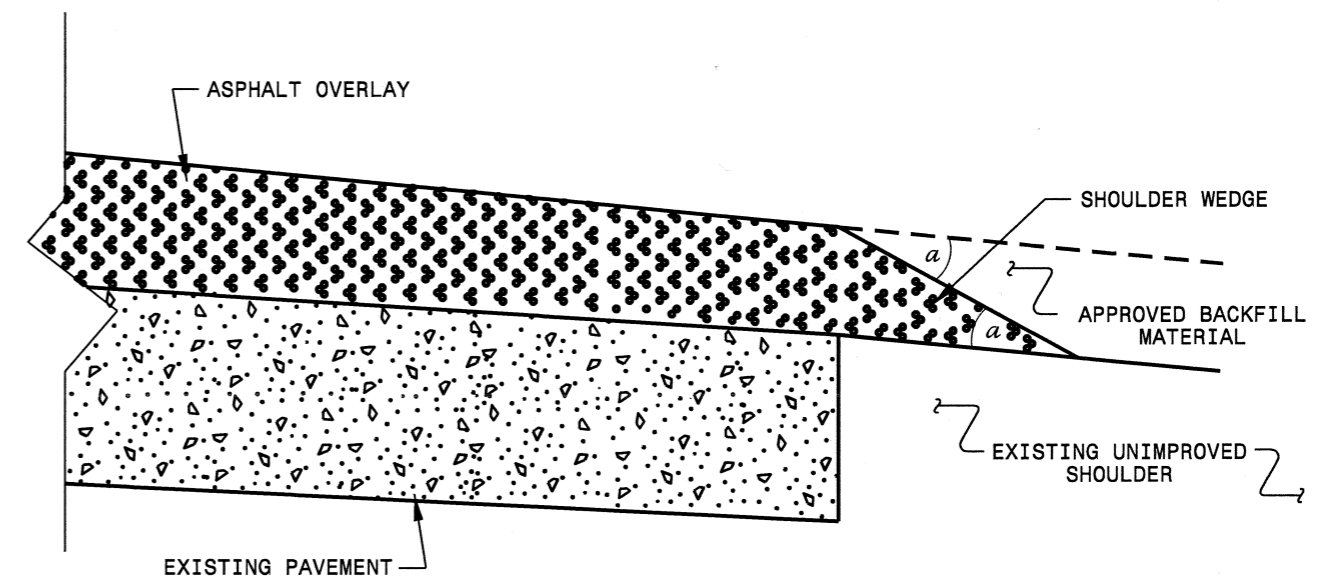


ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

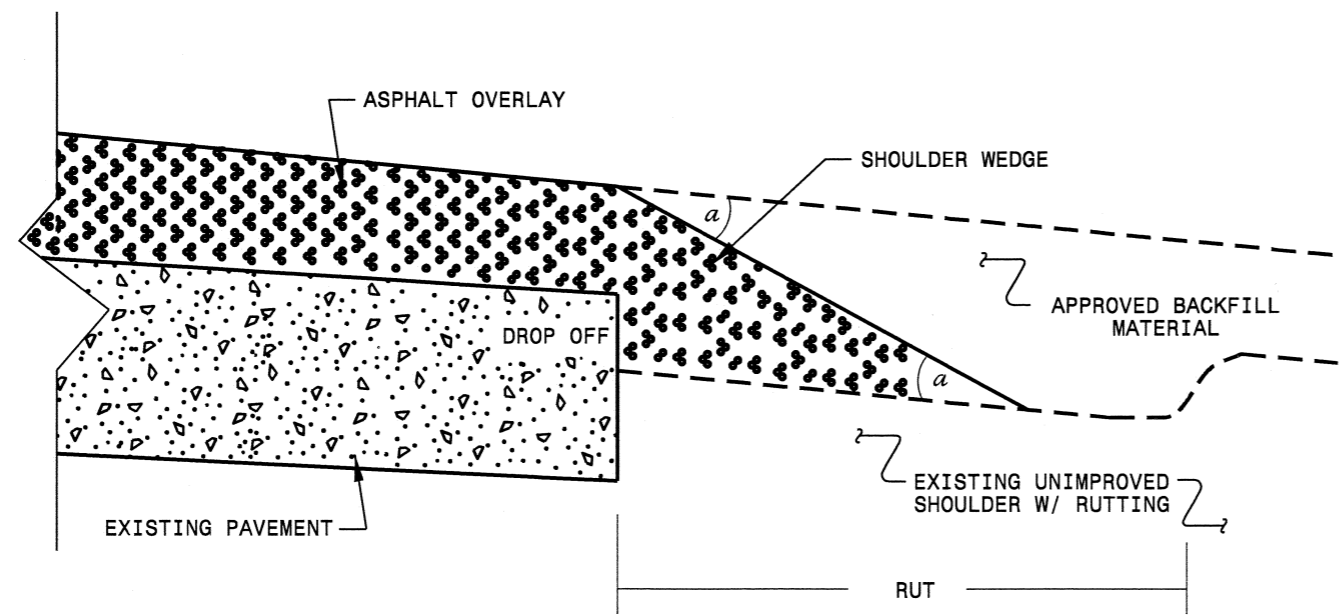
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS
 AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11
 MODIFIED BY: DATE: 10/18/12
 CHECKED BY: DATE:
 FILE SPEC.: s:\user\details\stand\shoulderwedgedetail.dgn

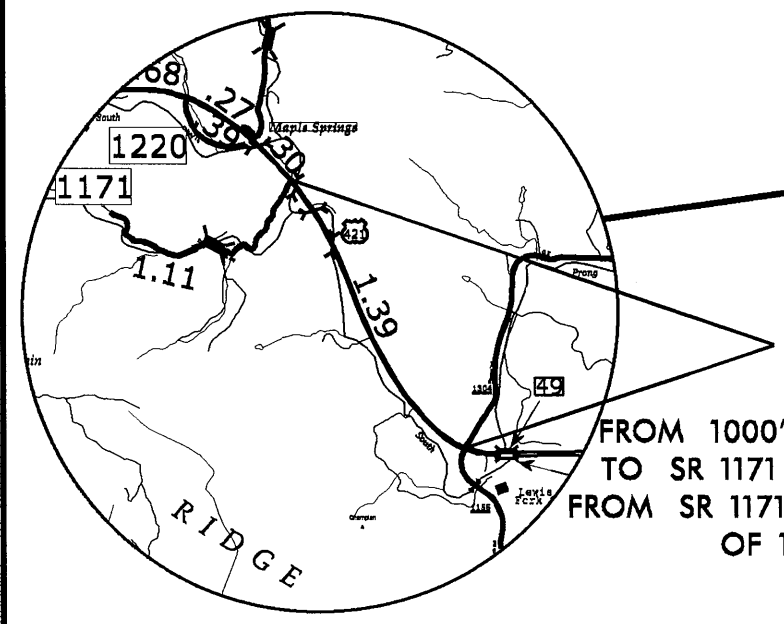
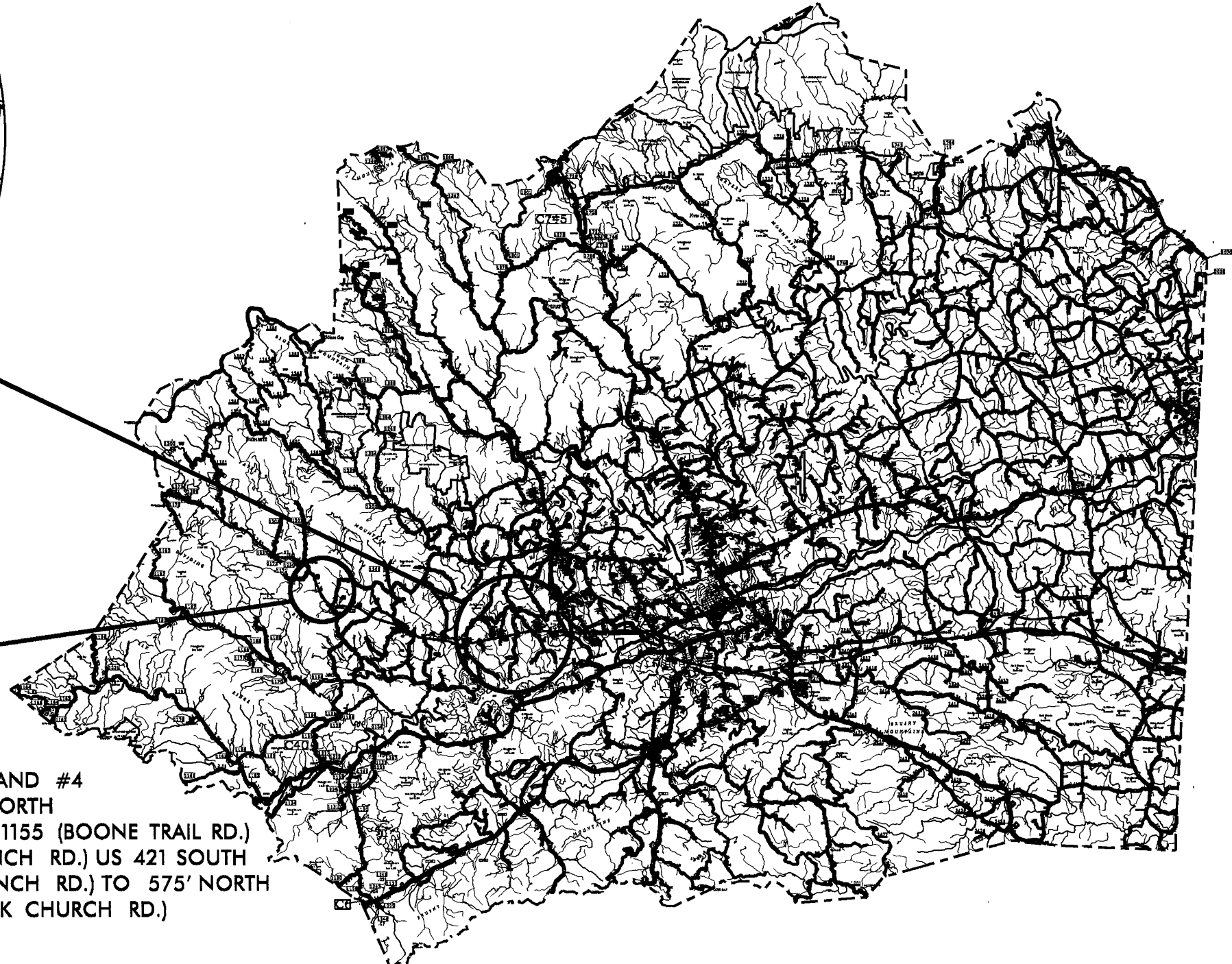
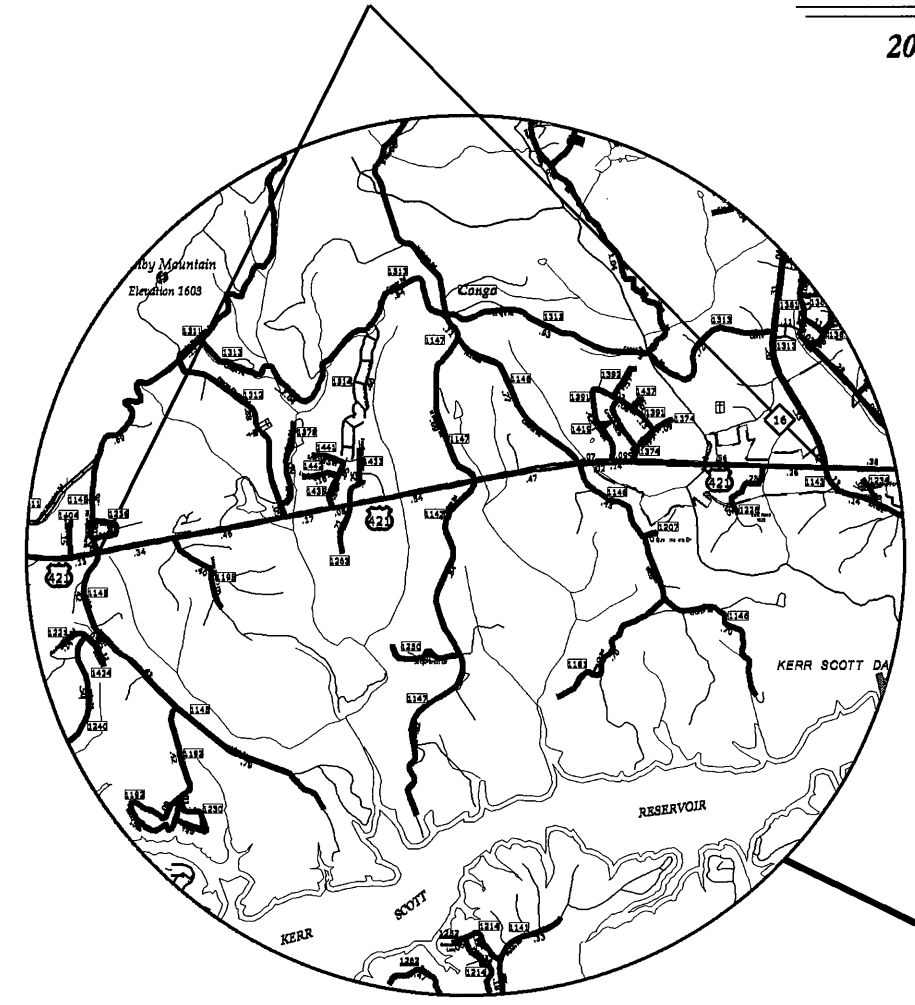
SYSTEMS CONSULTANTS
 CONSULTANTS

MAPS # 1 AND #2
 US 421
 FROM NC 16 TO SR 1147 (N. MINTON RD.)
 AND FROM SR 1147 (S. MINTON RD.)+0.11 MILE TO
 SR 1145 (N. RECREATION RD.)

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

WILKES COUNTY

2019 PRIMARY RESURFACING MAPS



MAPS # 3 AND #4
 US 421 NORTH
 FROM 1000' SOUTH OF SR 1155 (BOONE TRAIL RD.)
 TO SR 1171 (SIFFORDS BRANCH RD.) US 421 SOUTH
 FROM SR 1171 (SIFFORDS BRANCH RD.) TO 575' NORTH
 OF 1155 (LEWIS FORK CHURCH RD.)

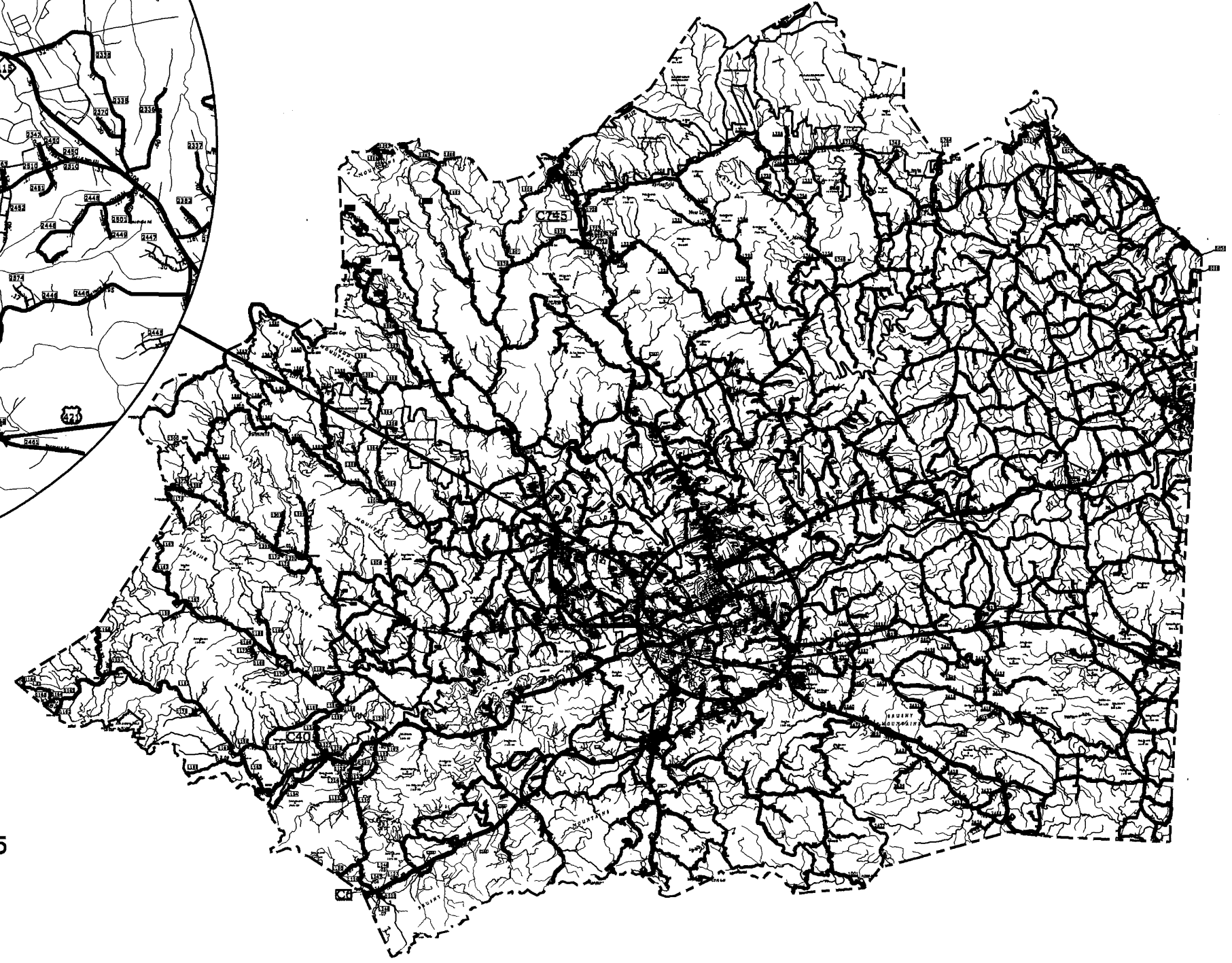
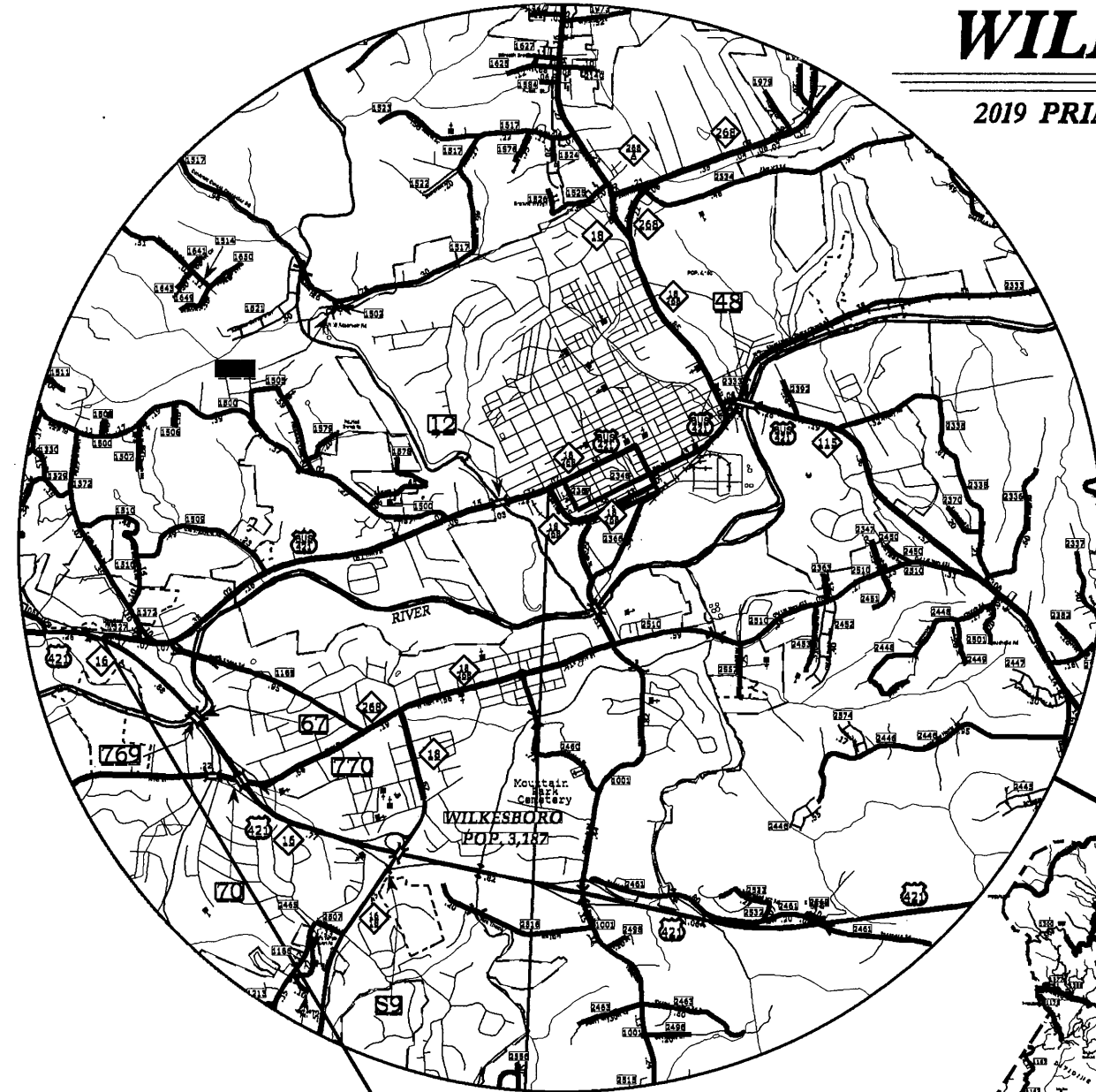
REVISIONS

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 11/11/17 9:43

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WILKES COUNTY

2019 PRIMARY RESURFACING MAPS



MAPS # 5 AND #6
US 421 BUS.
FROM NC 18 (CBD LOOP) TO SR 1185
(CURTIS BRIDGE RD.)
US 421 BUS.
FROM SR 1185 (CURTIS BRIDGE RD.)
TO US 421

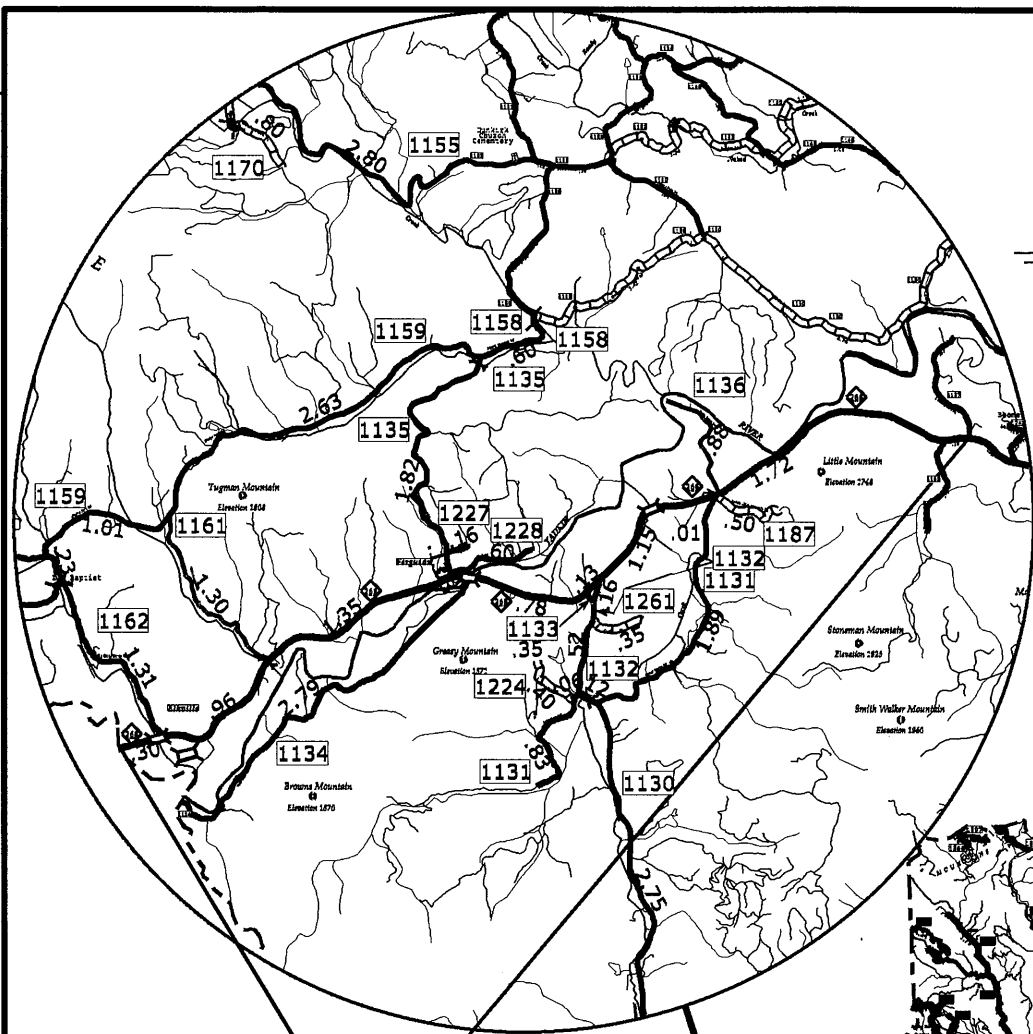
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

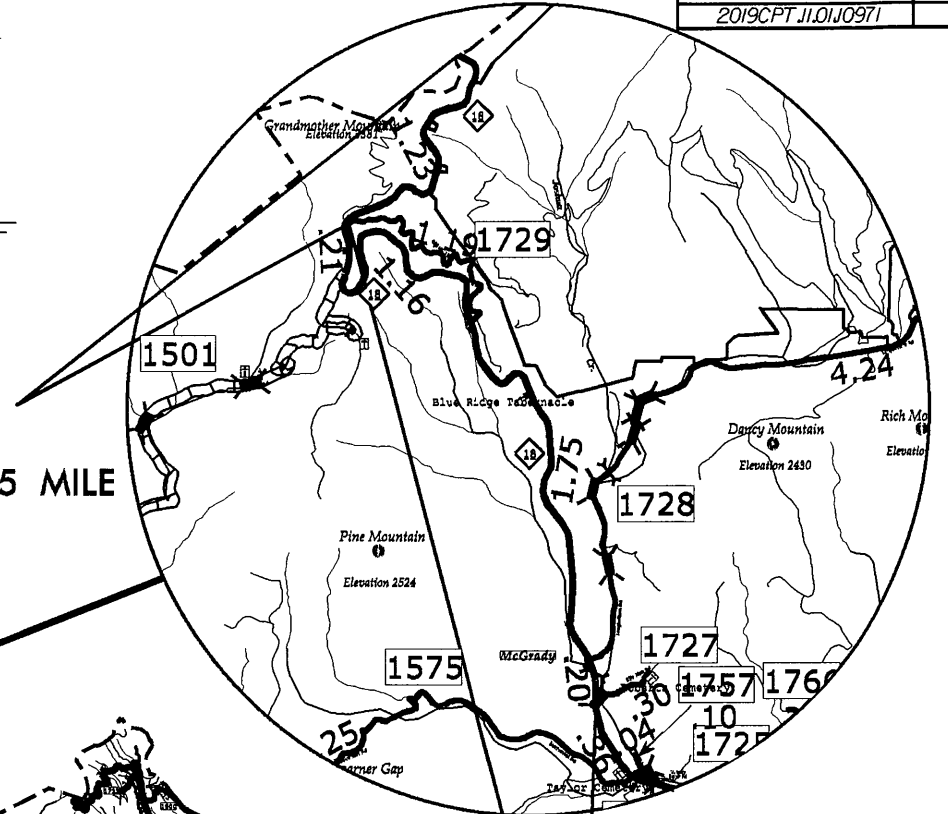
WILKES COUNTY

2019 PRIMARY RESURFACING MAPS

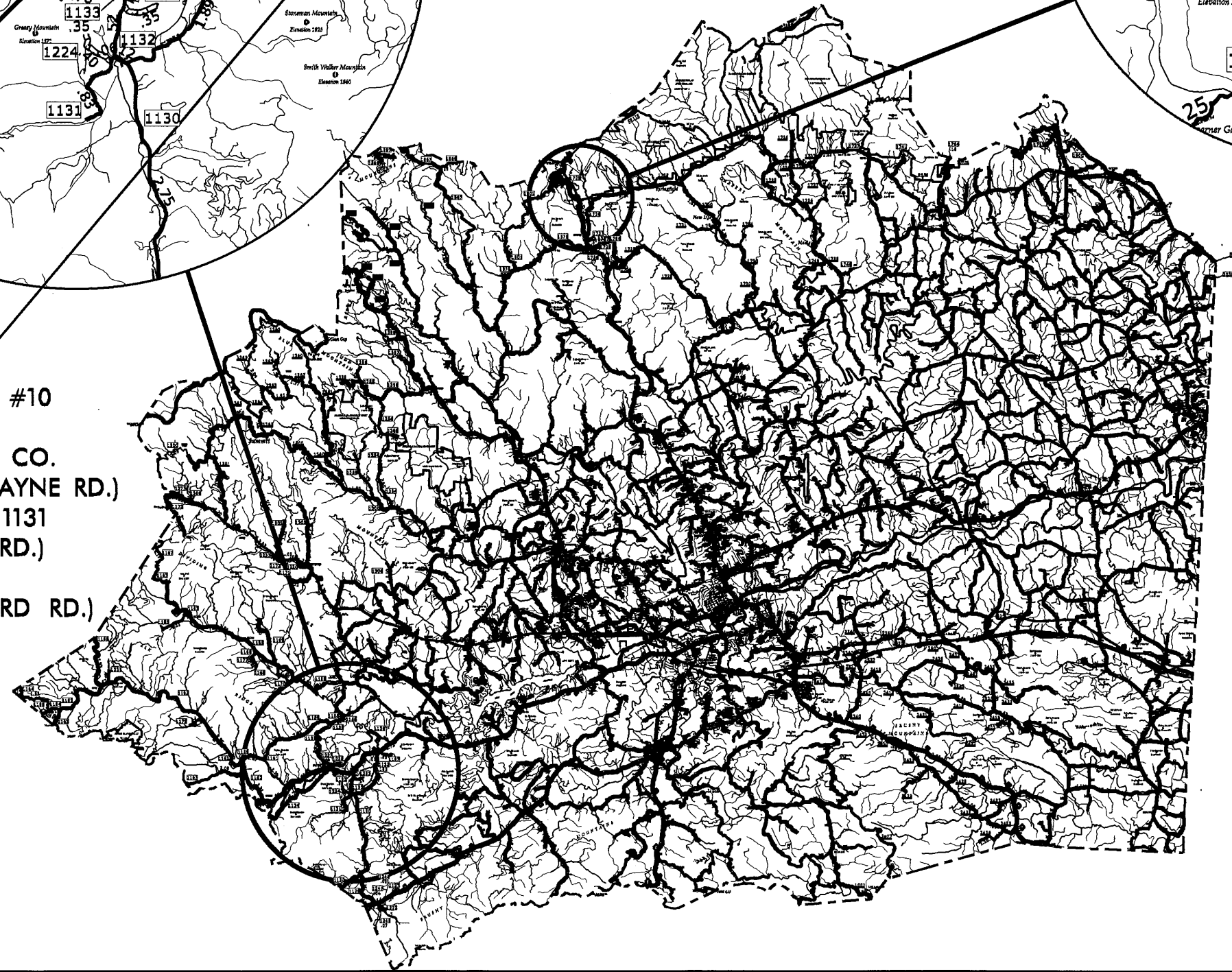
MAP # 8 NC 18
FROM
SR 1729 (OLD HWY 18) +0.65 MILE
TO ALLEGHANY CO.



MAPS # 9 AND #10
NC 268
FROM CALDWELL CO.
TO SR 1131 (FOSTER PAYNE RD.)
AND FROM SR 1131
(FOSTER PAYNE RD.)
TO 1137
(SOUTH MARLEY FORD RD.)



MAP # 7 NC 18
FROM SR 1729
(ELLIS MTN. RD.)
TO SR 1726 (OLD HWY 18)
+0.65 MILE



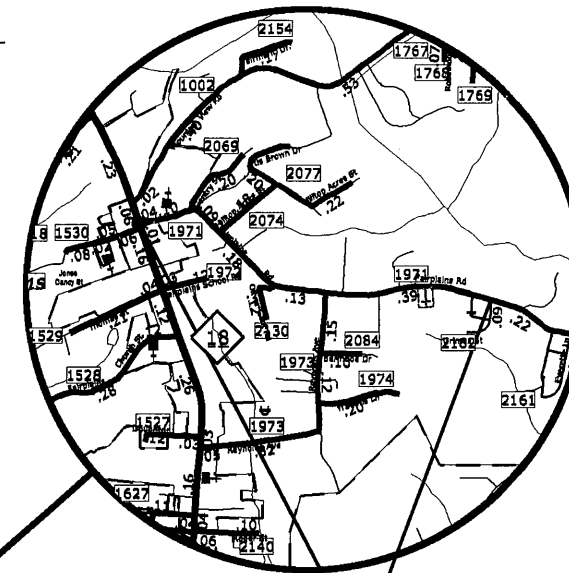
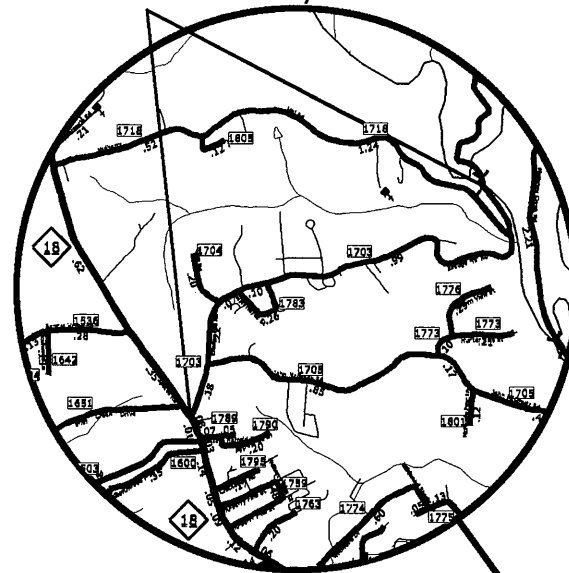
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29-JAN-2018 08:25
21-New_Rdy_Post_02132012_2013_Wilkes2019_Resurfacing_01052018.dwg

MAPS # 13 AND # 14
SR 1703 (ELLEDDGE MILL RD.)
FROM NC 18 TO END 16' PVT AND
FROM END 16' PVT TO SR 1718
(MULBERRY MILL RD.)

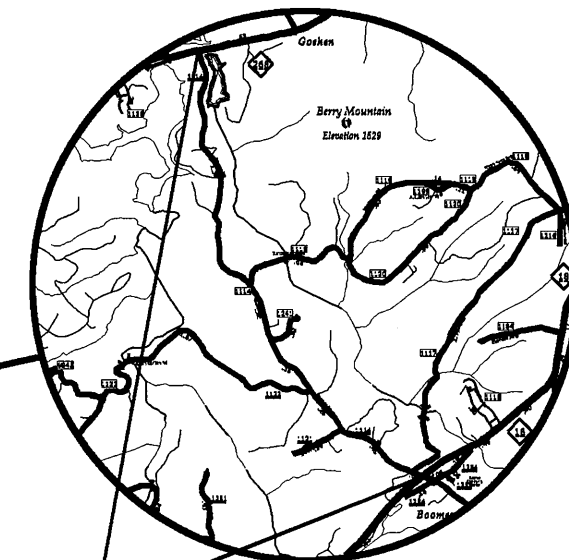
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WILKES COUNTY

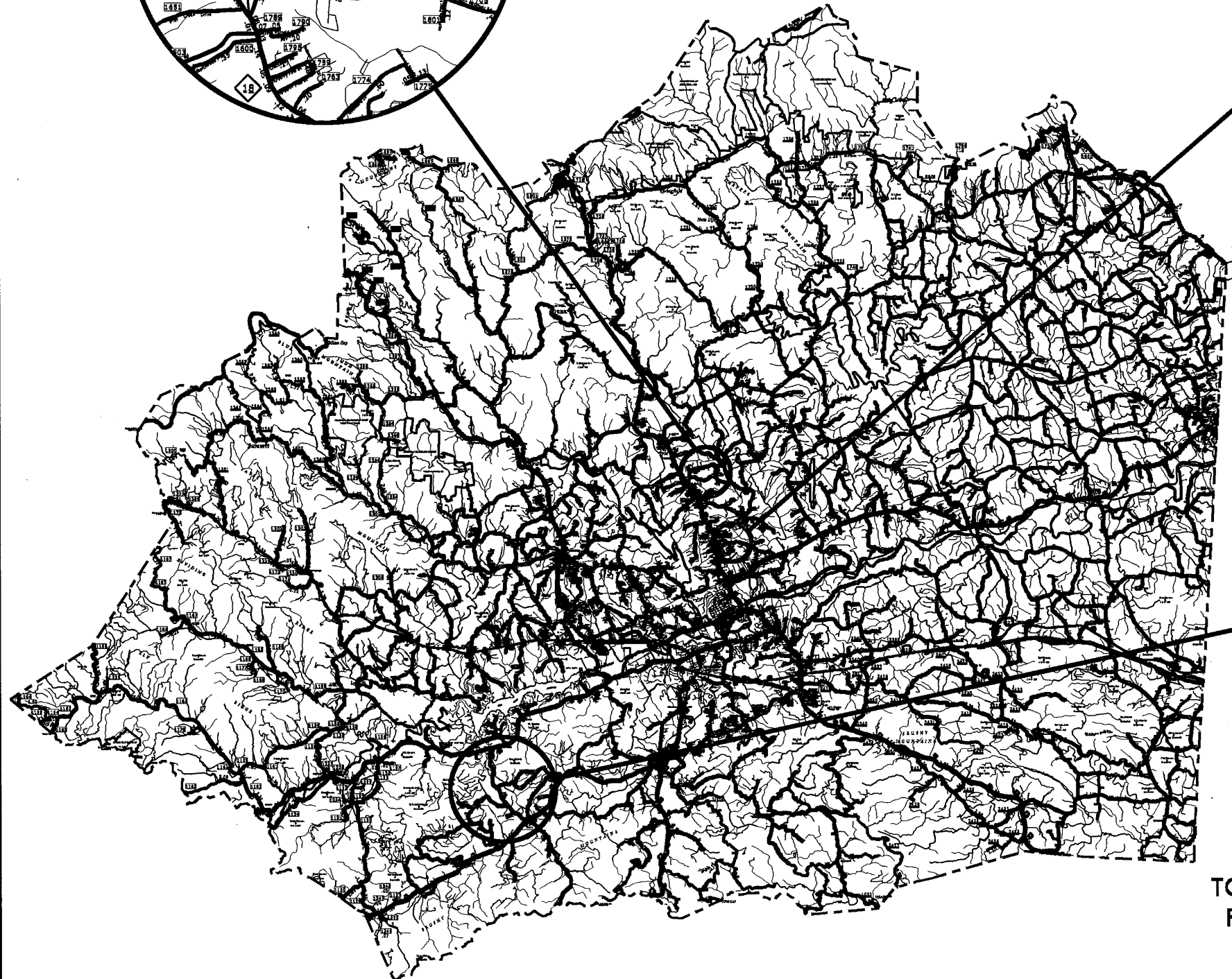
2019 SECONDARY RESURFACING MAPS



MAP # 15
SR 1971 (FAIRPLAINS RD.)
FROM NC 18 TO SR 2162
(GRIMES STREET)



MAPS # 11 AND # 12
SR 1114 (BOOMER RD.)
FROM NC 268
TO SR 1119 (WALSHTOWN RD.) AND
FROM SR 1119 (WALSHTOWN RD.)
TO NC 18



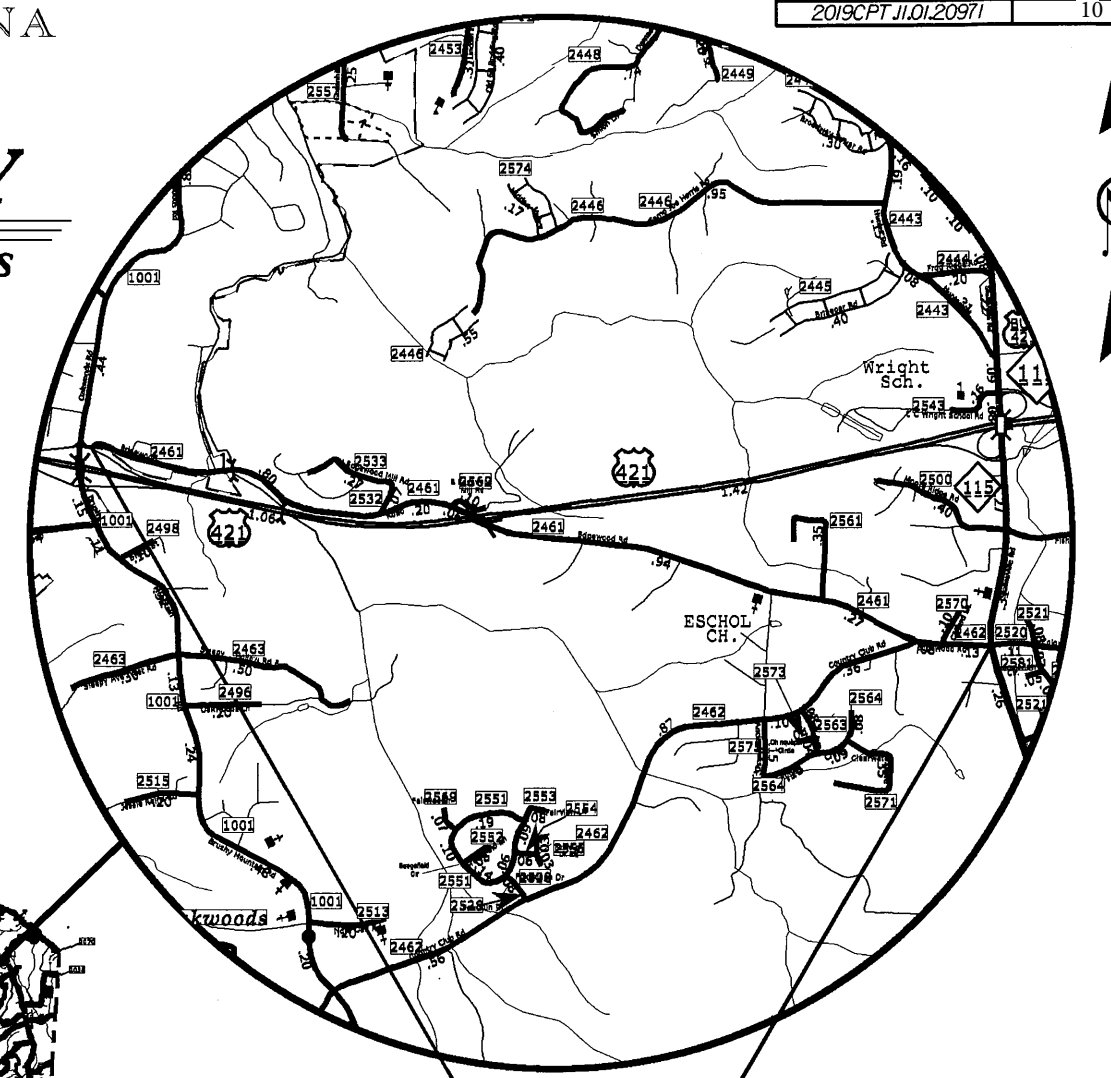
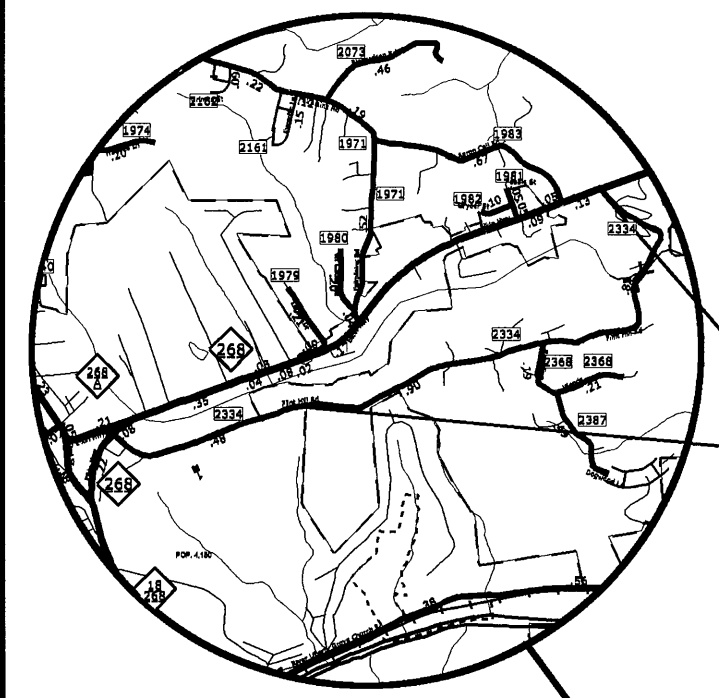
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

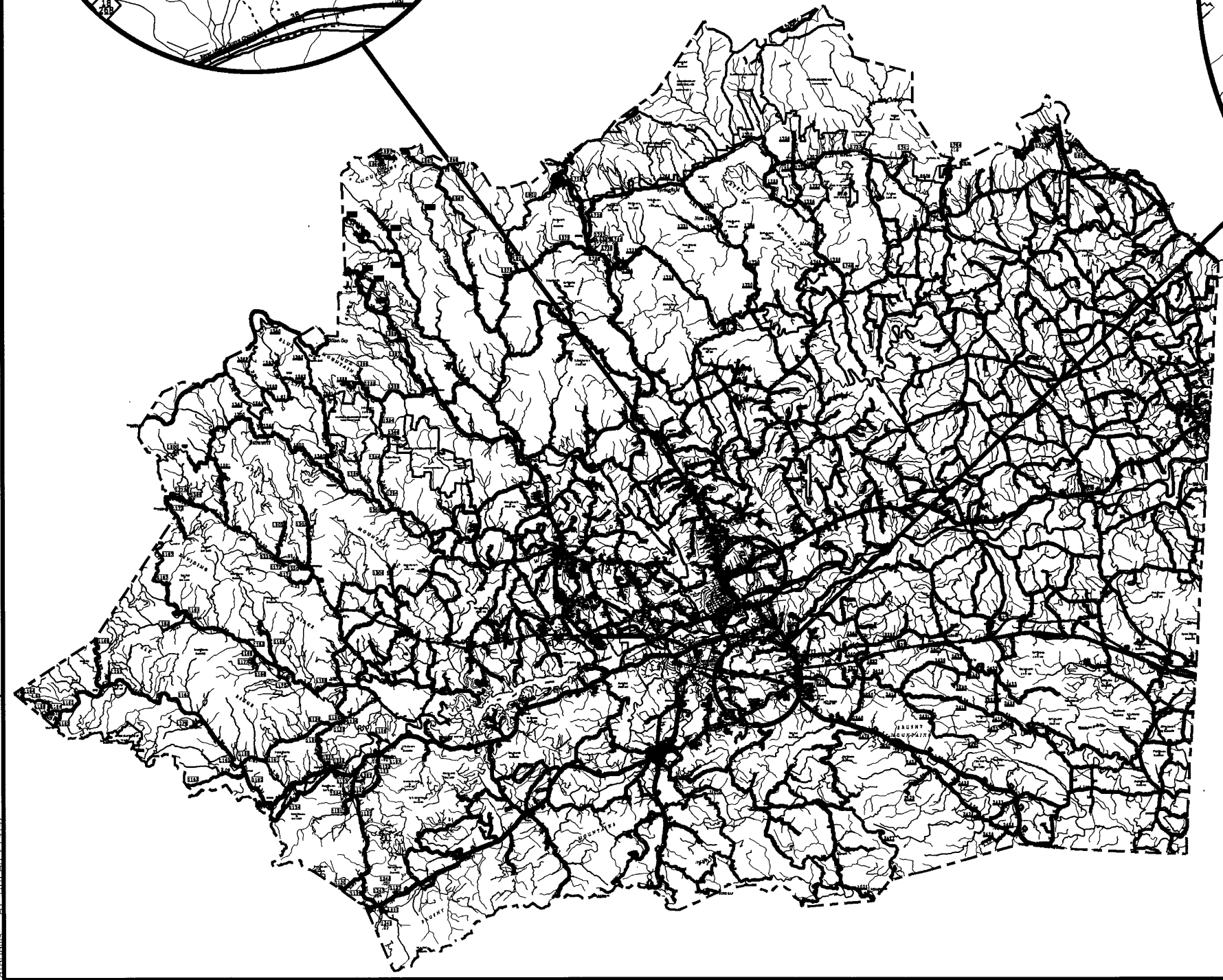
WILKES COUNTY

2019 SECONDARY RESURFACING MAPS

MAP # 16
SR 2334 (FLINT HILL RD.)
FROM END OF PROJECT R2603
TO N. WILKESBORO CITY LIMITS



MAPS # 17 AND # 18
SR 2461 AND SR 2462
(EDGEWOOD ROAD)
FROM US 421 RAMP TO SR 2462 (COUNTRY CLUB EXT.)
AND FROM NC 115 TO SR 2461 (COUNTRY CLUB EXT.)



8/17/19
29-JAN-2018 13:48
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Wilkes County - AT - Flint Hill