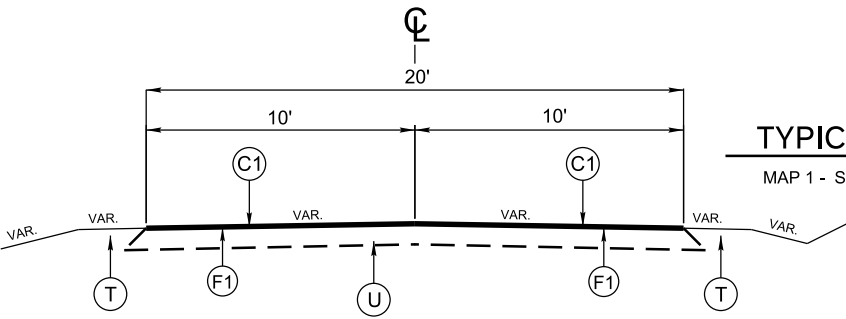


8/17/24

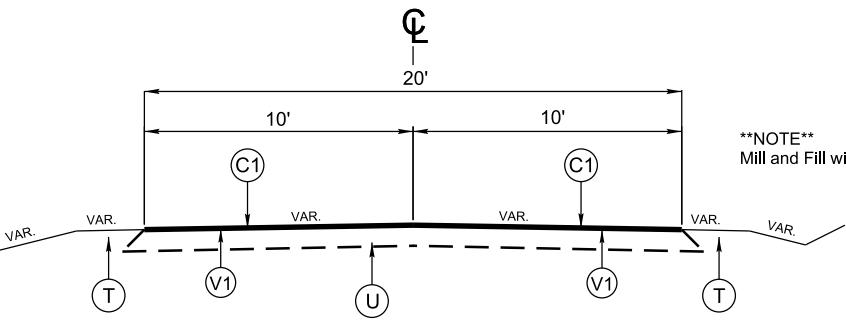
- "PATCHING EXISTING PAVEMENT" HAS BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS. AREAS TO BE DELINIATED BY THE ENGINEER.
- INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER

PROJECT REFERENCE NO.	SHEET NO.
DK00380	01



TYPICAL SECTION NO. 1

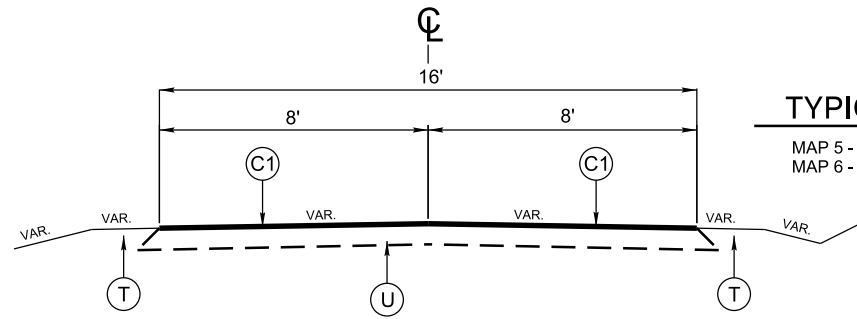
MAP 1 - SR 1176 FROM NC 268 TO 1ST PARK GATE



****NOTE****
Mill and Fill with 1.5" S9.5C

TYPICAL SECTION NO. 2

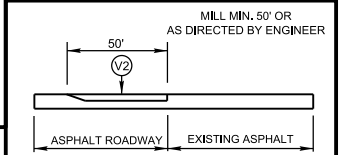
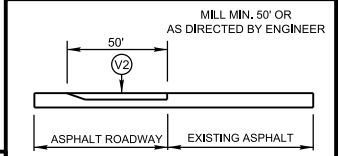
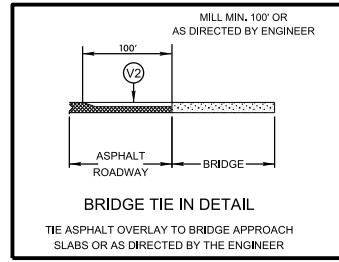
MAP 2 - SR 1752 FROM SR 1749 TO SR 2026
MAP 3 - SR 2026 FROM SR 1752 TO NC 268
MAP 4 - SR 2305 FROM SR 2303 TO SR 2307



TYPICAL SECTION NO. 3


MAP 5 - SR-2311 FROM BEGIN PAVEMENT TO SR 2305
MAP 6 - SR 2379 FROM FROM SR 2305 TO EOP

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MAT COAT WITH NO.78M STONE
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
V2	INCIDENTAL MILLING (See Tie In Detail)



TIE ASPHALT OVERLAY TO EXISTING ASPHALT PAVEMENT AT END OF MAP 1 OR AS DIRECTED BY THE ENGINEER

NOTE: TYPICALS ARE NOT TO SCALE

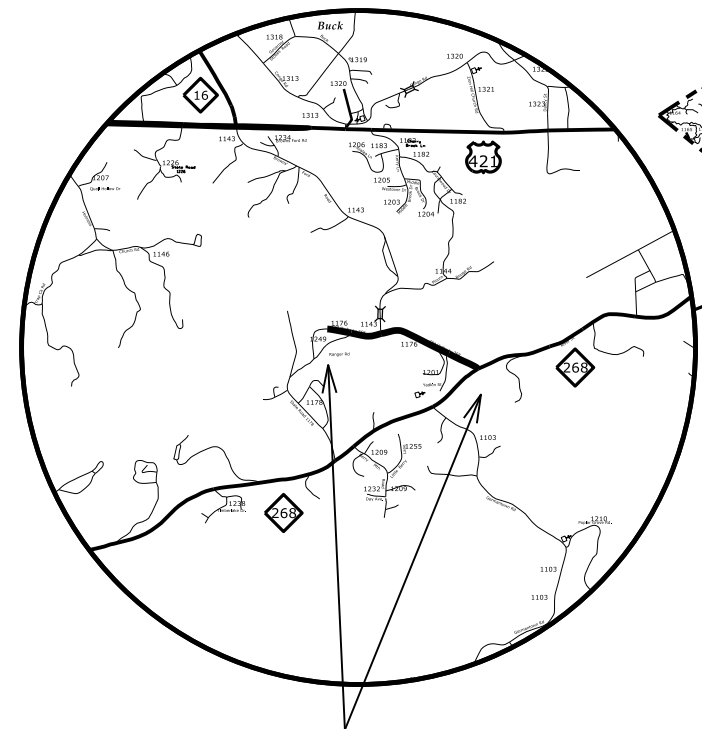
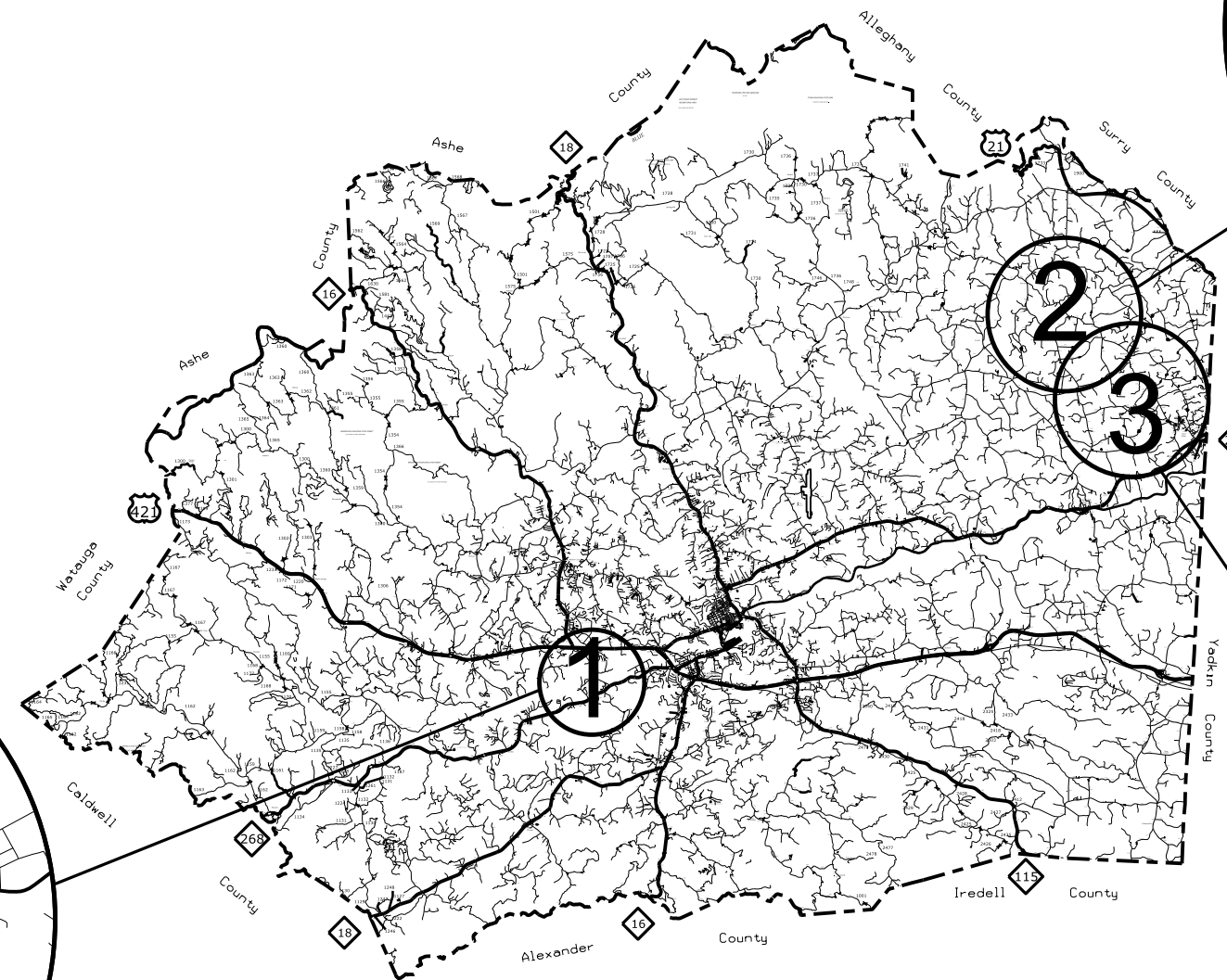
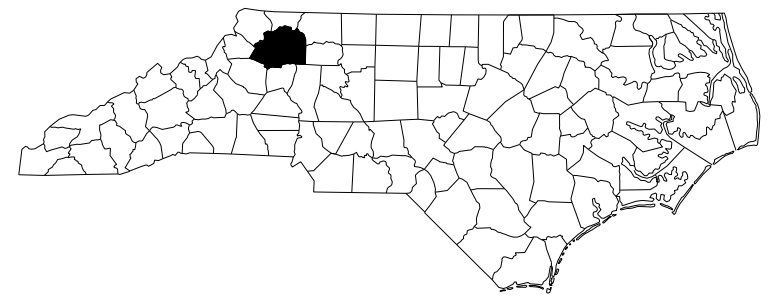
WILKES COUNTY SECONDARY ROADS 2024 ASPHALT RESURFACING																
<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>			REVISIONS	INT.	DATE											
REVISIONS	INT.	DATE														
N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN		SCALE: N/A DATE: 4/9/2024 PREPARED BY: RAS REVIEWED BY: REVERED BY:														

8/17/24 16:00 Maps\Wilkes\Secondary\DK00380_Miles_Secondary_resurfacing_ttypicals.dgn

WILKES COUNTY

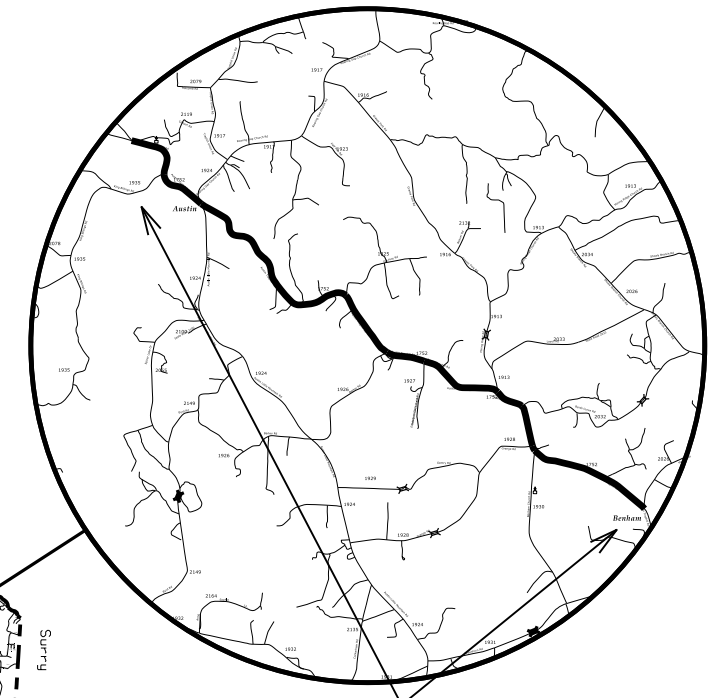
TYPE OF WORK: ASPHALT RESURFACING
MAPS # 1 THROUGH # 3

2024



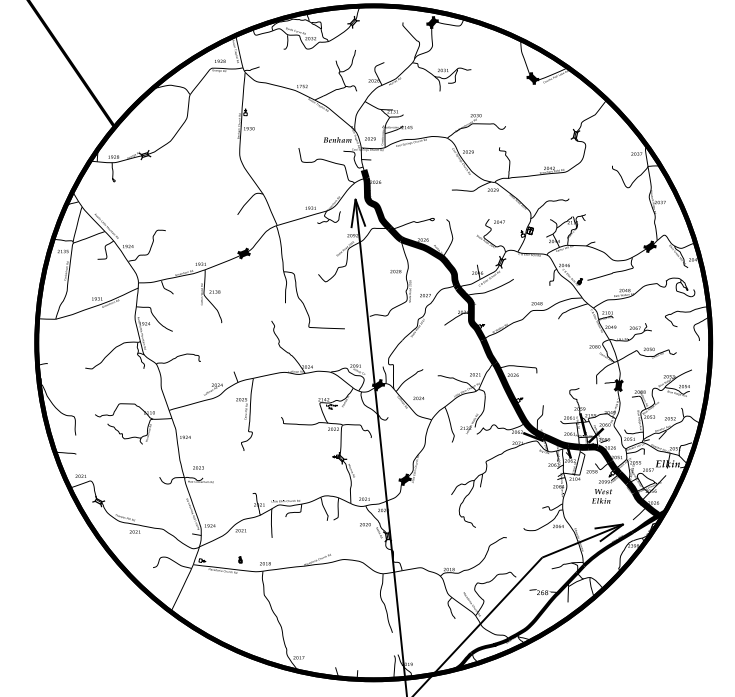
MAP #1

* SR 1176 - (0.72mi.)
(FROM NC 268 TO 1ST PARK GATE)



MAP #2

* SR 1752 - (5.12mi.)
(FROM SR 1749 TO SR 2026)



MAP #3

* SR 2026 - (3.85mi.)
(FROM SR 1752 TO NC 268)

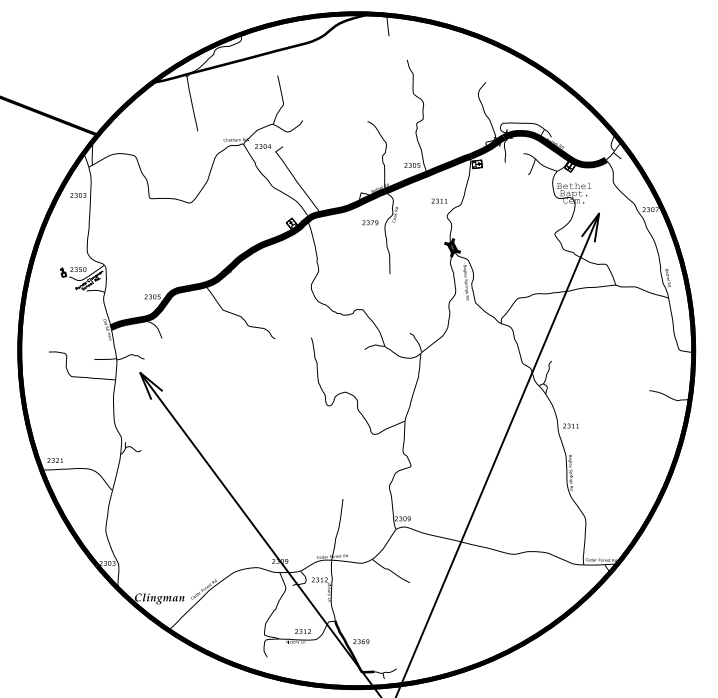
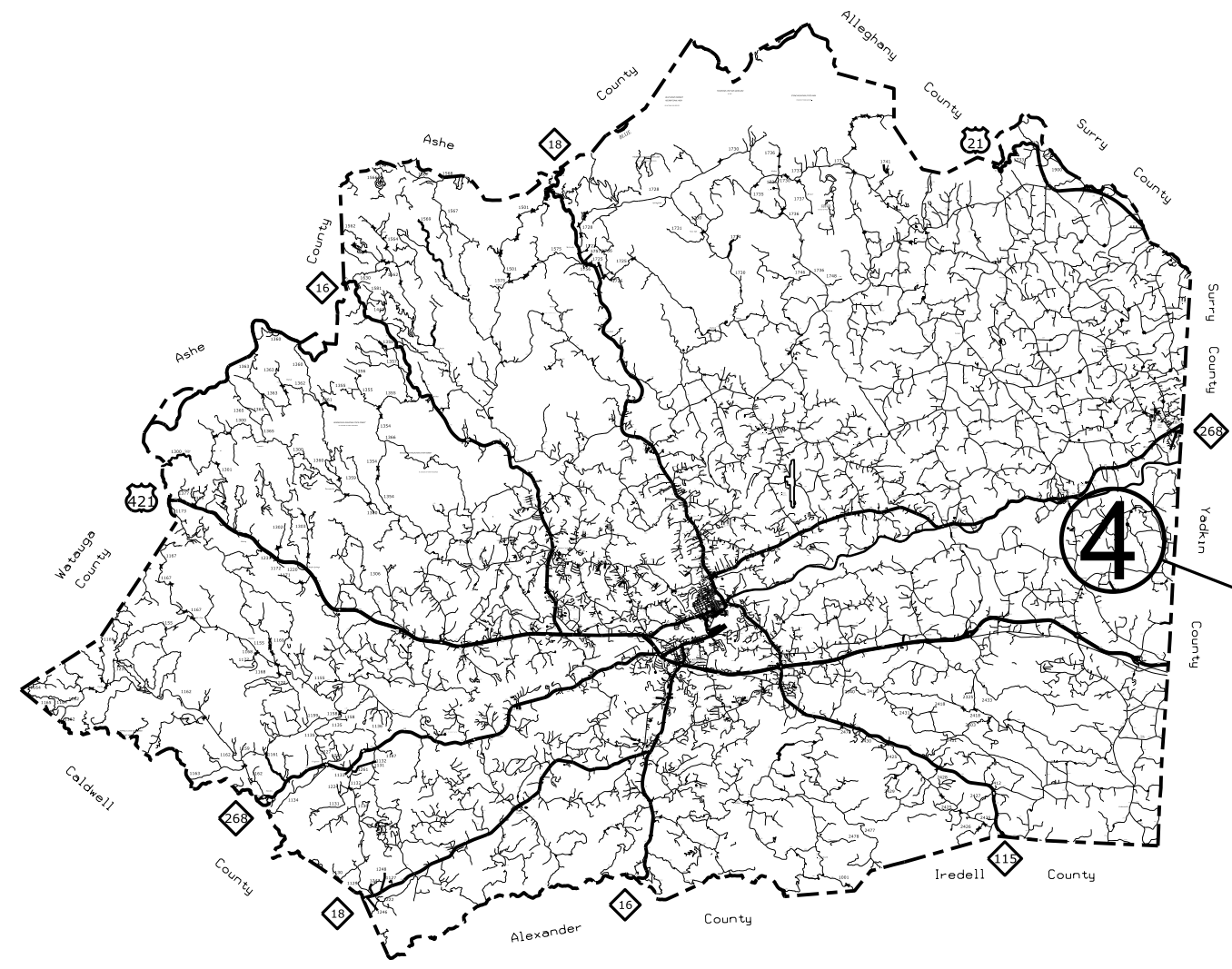
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\$\$\$\$\$USERNAME\$\$\$\$\$

PROJECT REFERENCE NO.	SHEET NO.
DK00380	03

WILKES COUNTY

TYPE OF WORK: ASPHALT RESURFACING
MAP # 4

2024



MAP #4

* SR 2305 - (2.77mi.)
(FROM SR 2303 TO SR 2307)

PROJECT NO.	SHEET NO.
DK00380	4

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	122000000-E	124500000-E	126000000-E	129700000-E	133000000-E	152300000-E	152400000-E	157500000-E	170400000-E	177500000-E	183800000-E
												INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	LEVELING COURSE, TYPE S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT #78	EMULSION FOR ASPHALT SURFACE TREATMENT
								MI	FT			TONS	SMI	TON	SY	SY	TONS	TON	TON	TONS	SY	GAL
2024CPT.11.07.20971	Wilkes	1	SR-1176 / OLD NC HWY 268	FROM NC 268 TO 1ST PARK GATE	1	2	2WU	0.73	20	0.00	0.73	15	1.46	201		222	833		89	208	10,196	3,060
2024CPT.11.07.20971	Wilkes	2	SR-1752 / AUSTIN TRAPHILL RD	FROM SR 1749 TO SR 2026	2	2	2WU	5.12	20	3.06	8.18	102	10.24	1,408	60,075	111	5,839		370	520		
2024CPT.11.07.20971	Wilkes	3	SR-2026 / AUSTIN TRAPHILL RD	FROM SR 1752 TO NC 268	2	2	2WU	3.85	20	2.67	6.52	77	7.70	1,059	45,173	111	4,391		281	466		
2024CPT.11.07.20971	Wilkes	4	SR-2305 / BETHEL RD	FROM SR 2303 TO SR 2307	2	2	2WU	2.77	20	0.00	2.77	55	5.54	762	32,501	667	3,159		202	335		
2024CPT.11.07.20971	Wilkes	5	SR-2311 / BAGLEY SPRINGS RD	FROM BEGIN PAVEMENT TO SR 2305		2	2WU	0.09	16	2.24	2.33	10	0.14	25		89	79	36	7			
2024CPT.11.07.20971	Wilkes	6	SR-2379 / COOK RD	FROM SR 2305 TO EOP		2	2WU	0.24	16	0.00	0.24	24	0.48	66		89	210	95	18			
TOTAL FOR PROJ NO. 2024CPT.11.07.20971								12.8				283	25.56	3,521	137,749	1,289	14,511	131	967	1,529	10,196	3,060
GRAND TOTAL								12.8				283	25.56	3,521	137,749	1,289	14,511	131	967	1,529	10,196	3,060

[GO/NC Milepost Map](#)

PROJECT NO.	SHEET NO.
DK00380	5

THERMOPLASTIC AND PAINT QUANTITIES

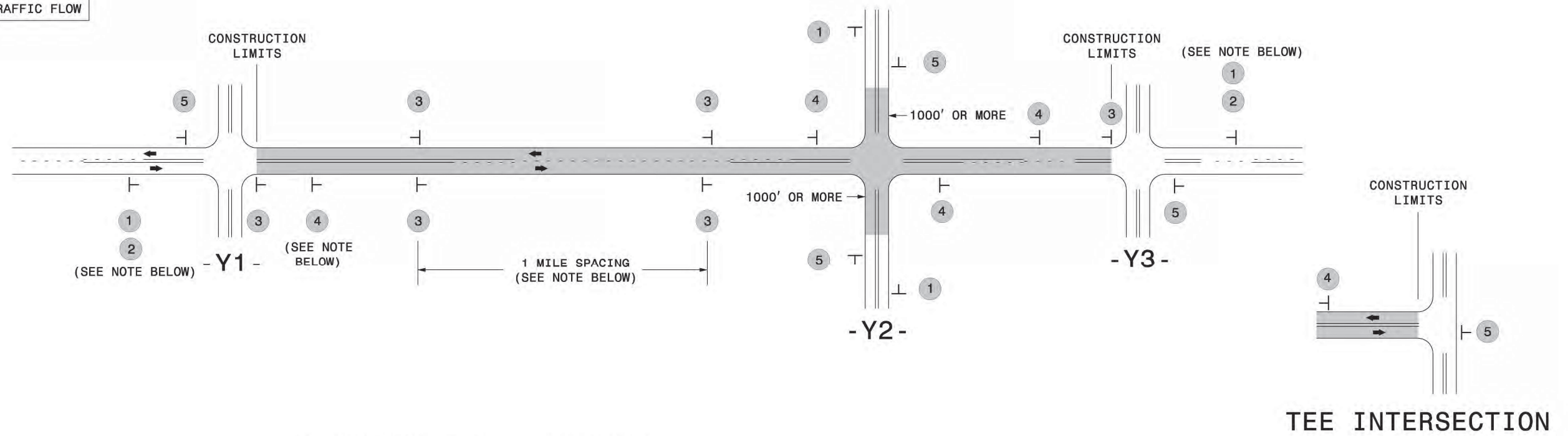
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	441300000-E	469500000-E	472500000-E		489000000-E	489000000-E	490510000-N
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	THERMOPLASTIC PAVEMENT MARKING LINES, 8", 90 MIL	THERMOPLASTIC LEFT ARROW 90 MIL	THERMOPLASTIC STR & RT ARROW 90 MIL	GENERIC MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 6", 55 MIL	GENERIC MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 55 MIL	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
												SF	LF	EA	EA	LF	LF	EA
2024CPT.11.07.20971	Wilkes	1	SR-1176 / OLD NC HWY 268	FROM NC 268 TO 1ST PARK GATE	1	2	2WU	0.73	20	0.00	0.73	112				17,001	300	48
2024CPT.11.07.20971	Wilkes	2	SR-1752 / AUSTIN TRAPHILL RD	FROM SR 1749 TO SR 2026	2	2	2WU	5.12	20	3.06	8.18	298				110,182	3,000	676
2024CPT.11.07.20971	Wilkes	3	SR-2026 / AUSTIN TRAPHILL RD	FROM SR 1752 TO NC 268	2	2	2WU	3.85	20	2.67	6.52	262	50	1	1	82,852	3,000	254
2024CPT.11.07.20971	Wilkes	4	SR-2305 / BETHEL RD	FROM SR 2303 TO SR 2307	2	2	2WU	2.77	20	0.00	2.77	226				59,610	1,200	
2024CPT.11.07.20971	Wilkes	5	SR-2311 / BAGLEY SPRINGS RD	FROM BEGIN PAVEMENT TO SR 2305		2	2WU	0.09	16	2.24	2.33	112						
2024CPT.11.07.20971	Wilkes	6	SR-2379 / COOK RD	FROM SR 2305 TO EOP		2	2WU	0.24	16	0.00	0.24	112						
TOTAL FOR PROJ NO. 2024CPT.11.07.20971								12.8				1,122	50	1	1	269,645	7,500	978
GRAND TOTAL								12.8				1,122	50	1	1	269,645	7,500	978

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	
	2	 <small>W7-3aP 24" X 18"</small>	#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	 <small>SP 13107 48" X 48"</small>	- 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	 <small>SP 13106 48" X 48"</small>	- 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	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

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, 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.

MAPS LESS THAN 2 MILES

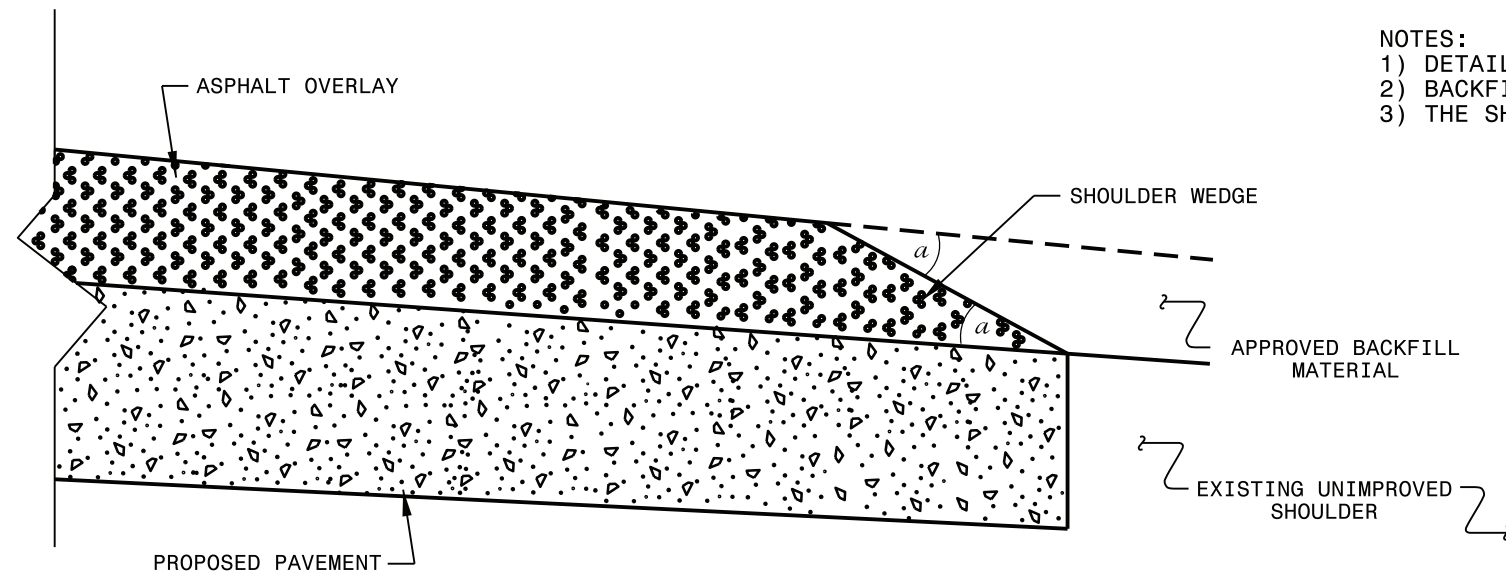
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

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.

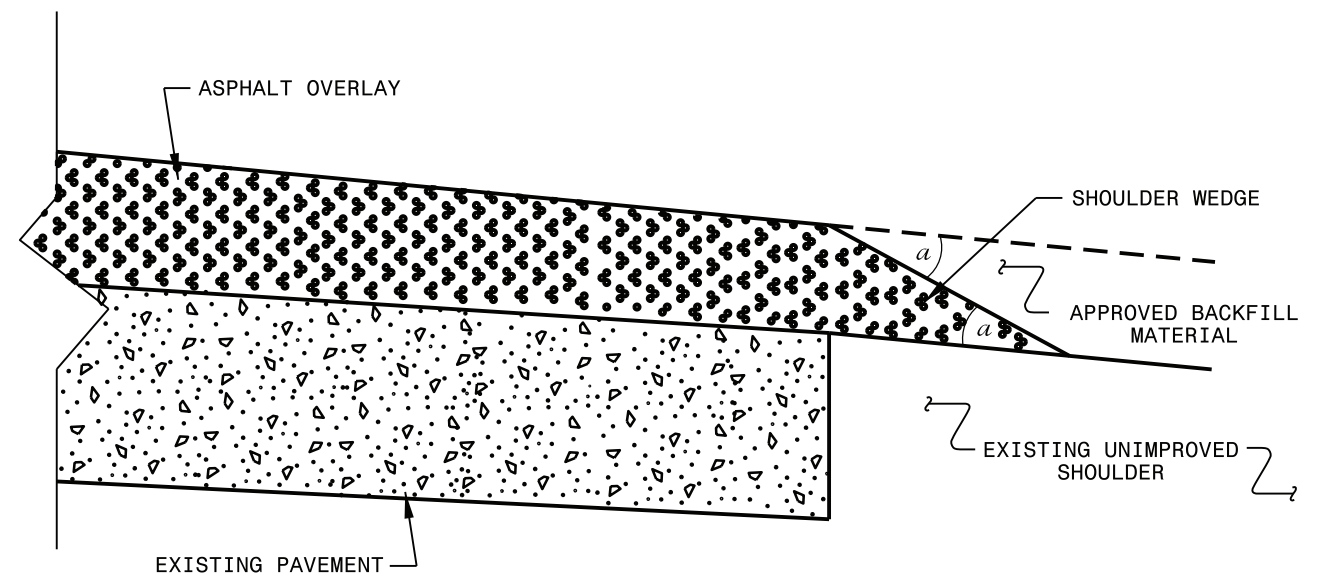
ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

5/15/2017 5:11:00 PM \\S:\T\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn User:keads

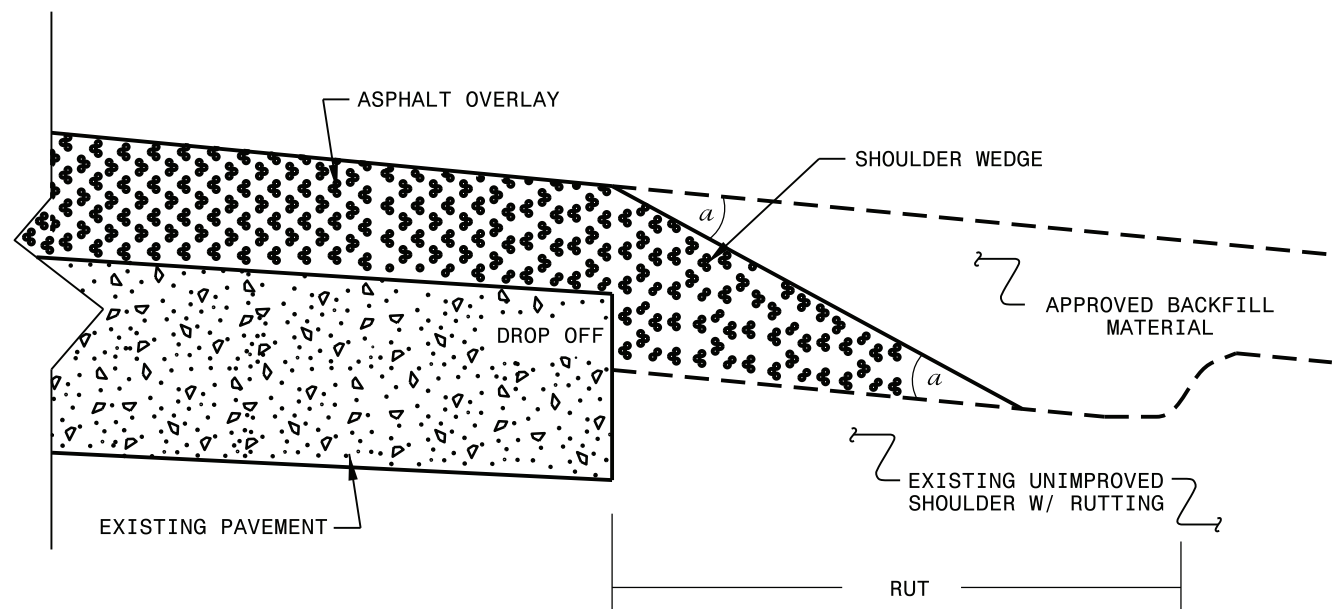
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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: 10/16/12
 CHECKED BY: DATE:
 FILE SPEC.: susr/details/stand/shoulderwedgedetail.dgn

SYSTEMS DESIGN
 USER NAME