PROJECT NO.	SHEET NO.	TOTAL NO.	
2021CPT.11.05.10141	1	2	
2021CPT.11.05.10951			
			_

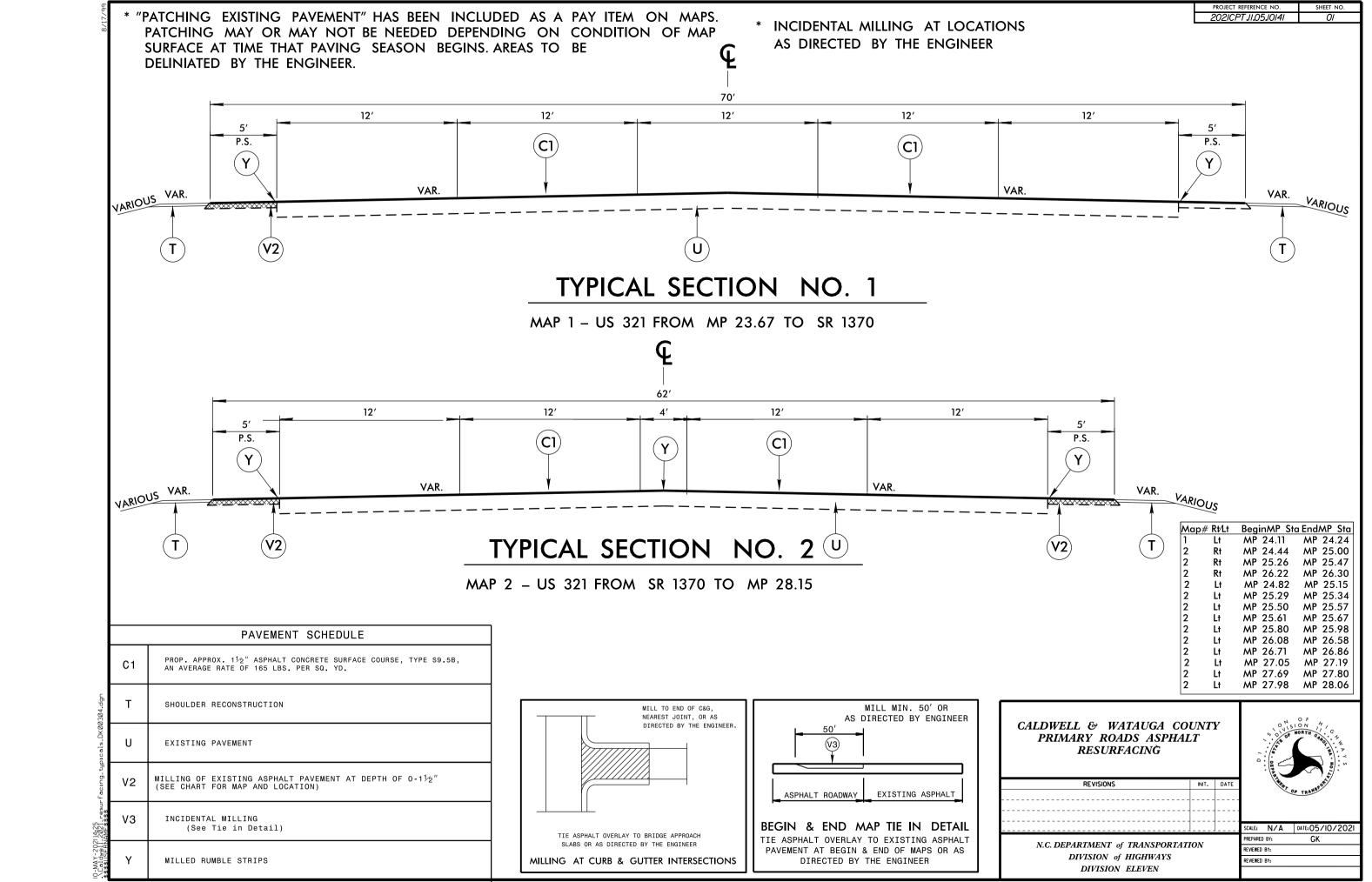
SUMMARY OF QUANTITIES

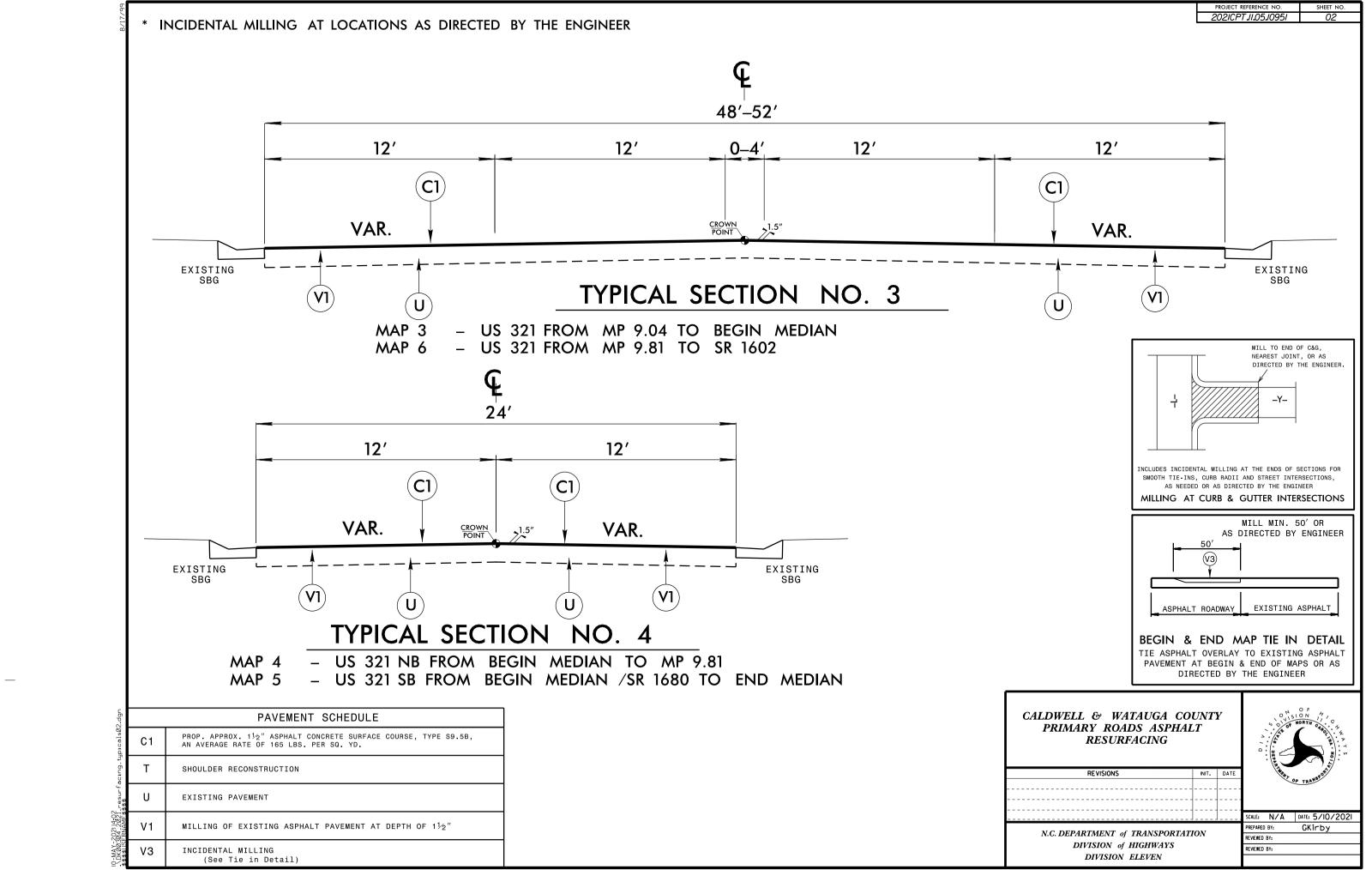
										0106000000-Е	122000000-E	1245000000-E	1297000000-E	1308000000-E	133000000-E	1519000000-E	1575000000-E	170400000-E	2815000000-N	283000000-N	2845000000-N	7288000000-E	730000000-E	7324000000-N	7444000000-E 7/	456000000-E	6084000000
Project No.	County	Map No.	Route Name	From Description	To Description	Mile Post From	TYP LANES NO	LANE LEN	NGTH WIDTH	BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1.5" MILLING	0-1.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING ASPHALT	ADJ. OF DROP INLET	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	PAVED TRENCHING	UNPAVED TRENCHING	STANDARD JUNCTION BOX		EAD-IN CABLE	SEED 8
								N	MI FT	CY	TON	SMI	SY	SY	SY	TON	TON	TON	EA	EA	EA	LF	LF	EA	LF	LF	AC
2021CPT.11.05.10141	Caldwell	1 US 321	US 321	.6 mi South of SR 1370	SR 1370	23.67 24.27	1 5	MD 0.	0.60 70	120	12	1.20		550	500	2,236	150	447									0.44
2021CPT.11.05.10141	Caldwell	2 US 321	US 321	SR 1370	MP 28.15, 1.14 mi Sou of SR 1421	uth 24.27 28.15	2 4	MD 3.	3.88 60	776	78	7.76		10,500	500	12,604	844	2521	2								2.82
TOTAL FOR PROJECT N	NO. 2021CPT.	.11.05.10141						4.	.48	896	90	8.96	0	11,050	1,000	14,840	994	2,968	2	0	0	0	0	0	0	0	3.26
2021CPT.11.05.10951	Watauga	3 US 221	US 321	.1 mi North Of SR 1632 /	Begin Median	9.04 9.38	3 4	MU 0.).34 48				10,532		1	869	58		2	2	2		T	T			
				R-2237C Project Limits			 												-	-	-	400	122	<u> </u>	1.000		
2021CPT.11.05.10951	Watauga			Begin Median	End Median/SR 168			M2 0.					6,660			549	37					100	100	1	1,000	100	
2021CPT.11.05.10951	Watauga	5 US 221	US 321 SB	Begin Median / SR 1680	End Median	16.89 17.27	4 2	M2 0.	0.38 24				5,885			486	33					100	100	1	1,000	100	1
2021CPT.11.05.10951	Watauga	5A RMP 278	37	BRPRKY	US 321 SB	0.00 0.17	5 2	2WU 0.).17 24		10		2,400			217	15							1	100		
2021CPT.11.05.10951	Watauga	5B RMP 278	38	BRPRKY	RMP 2787	0.00 0.03	6 1	0.	0.03 20		10		350			32	2							'			1
2021CPT.11.05.10951	Watauga	5C RMP 278	39	US 321 SB	RMP 2787	0.00 0.05	6 1	0.	0.05 20		10		600			53	4										
2021CPT.11.05.10951	Watauga	6 US 221	US 321	End Median/SR 1680	SR 1602	9.81 13.80	3 4	MD 3.	5.99 52				133,894			11,046	740					100	100	1	1,000	100	
TOTAL FOR PROJECT N	NO. 2021CPT.	.11.05.10951						5.	5.39	0	30	0.00	160,321	0	0	13,253	888	0	2	2	2	300	300	4	3,100	300	0
											· · · · · · · · · · · · · · · · · · ·																

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.11.05.10141	2	2
2021CPT.11.05.10951		

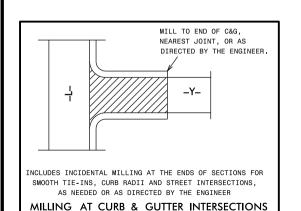
THERMOPLASTIC AND PAINT QUANTITIES

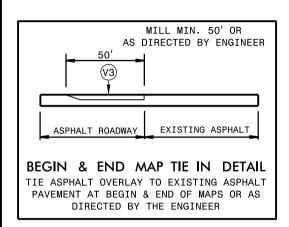
														13000000-E	3000000-E 4457000000-N 4810000000-E 4820000000-E 4835000000-E 4845000000-N									4905000000-N		
Project No.	County	Map No.	Route	Route Name	From Description	To Description	Mile Post From	Mile Post To	TYP NO	LANES LA	ANE LEN YPE	IGTH WID	OTH W	ORK ZONE	TEMPORARY TRAFFIC CONTROL		4" YELLOW PAINT			PAINT LEFT ARROW	PAINT RIGHT ARROW	PAINT STRAIGHT/RIGHT ARROW	PAINT STRAIGHT/LEFT ARROW	PAINT STRAIGHT ARROW	184000000-E MILLED RUMBLE STRIPS	SNOW PLOWABLE MARKERS
												ΛΙ FT	Т	SF	LS	LF	LF	LF		EA		EA		EA	LF	EA
2021CPT.11.05.10141 (Caldwell	1	US 321	US 321	.6 mi South of SR 1370	SR 1370	23.67	24.27	1	5 1	MU 0.	.60 70	0	78	1	15,840	25,344			40					6,336	158
2021CPT.11.05.10141 (Caldwell	2	US 321	US 321	SR 1370	MP 28.15, 1.14 mi South of SR 1421	24.27	28.15	2	4 [MD 3.	.88 60	0	504		102,432	163,891	400	85	4				16	61,459	1,024
TOTAL FOR PROJECT NO	O. 2021CP1	T.11.05	5.10141								4.	48		582	1	118,272	189,235	400	85	44	0	0	0	16	67,795	1,183
TOTALTON TROJECT NO	O. LULICI	1.11.03	7.10141													30	7,507					60				
	1	<u> </u>			T		1	Т	I	<u> </u>		<u> </u>					Т			1	<u> </u>					
2021CPT.11.05.10951 V	Watauga	3	US 221	US 321	.1 mi North Of SR 1632 / R-2237C Project Limits	Begin Median	9.04	9.38	3	4 [MU 0.	.34 48	8	44		8,976	7,181	100		4						67
2021CPT.11.05.10951 V	Watauga	4	US 221	US 321 NB	Begin Median	End Median/SR 1680	9.38	9.81	4	2 1	M2 0.	.43 24	4	56		6,811	4,541		225	4	8	2	2	6		28
2021CPT.11.05.10951 V	Watauga	5	US 221	US 321 SB	Begin Median/SR 1680	End Median	16.89	17.27	4	2 1	M2 0.	.38 24	4	49		6,019	4,013				2					25
2021CPT.11.05.10951 V	Watauga	5A	RMP 2787		BRPRKY	US 321 SB	0.00	0.17	5	2 2	WU 0.	.17 24	4	22		3,590	3,590									1
2021CPT.11.05.10951 V	Watauga	5B	RMP 2788		BRPRKY	RMP 2787	0.00	0.03	6	1	0.	.03 20	0	4		634										1
2021CPT.11.05.10951 V	Watauga	5C	RMP 2789		US 321 SB	RMP 2787	0.00	0.05	6	1	0.	.05 20	0	7		1,056										
2021CPT.11.05.10951 V	Watauga	6	US 221	US 321	End Median/SR 1680	SR 1602	9.81	13.80	3	4 [MD 3.	.99 52	2	519		105,336	168,538	4,500	240	8	4	8		8		1,053
TOTAL FOR PROJECT NO	O. 2021CP1	T.11.05	5.10951								5.	.39		701	0	132,422	187,862	4,600	465	16	14	10	2	14	0	1,174
																320	0,285					56				
					ı		1		<u> </u>			<u> </u>		1			<u> </u>	1		1	1					
GRAND	TOTAL										9.	.87		1,283	1	250,694		5,000	550	60	14	10	2	30	67,795	2,357
																62	7,792					116				1

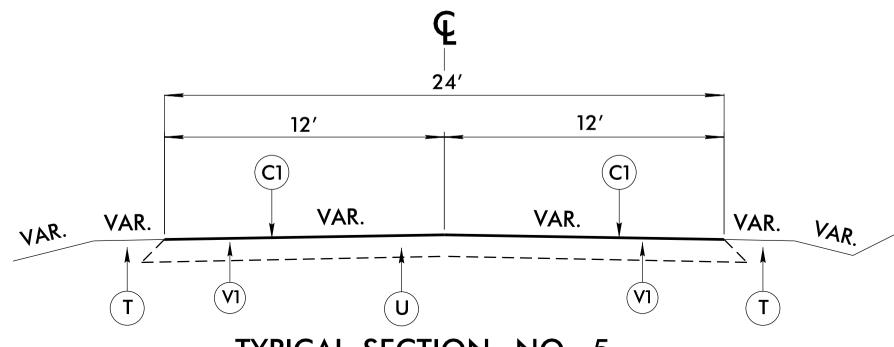




PROJECT REFERENCE NO. SHEET NO. 2021CPT_JI_05_10951 03

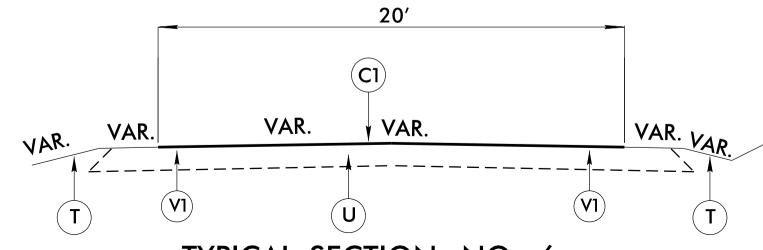






TYPICAL SECTION NO. 5

MAP 5A - RMP 2787 FROM BLUE RIDGE PWY TO US 321 SB



TYPICAL SECTION NO. 6

MAP 5B - RMP 2788 FROM BLUE RIDGE PWY TO RMP 2787 MAP 5C - RMP 2788 FROM US 321 SB TO RMP 2787

g		PAVEMENT SCHEDULE
typicals02.dgr	C1	PROP. APPROX. $1 lac{1}{2}"$ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
esurtacıng-t <u>u</u> 5\$	Т	SHOULDER RECONSTRUCTION
-resur†. \$\$\$	U	EXISTING PAVEMENT
04_2021 FRNAMF\$	V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF $1lash2$ $''$
.\UK00304 \$\$\$\$IISFR	V3	INCIDENTAL MILLING (See Tie in Detail)

CALDWELL & WATAUGA COUNTY
PRIMARY ROADS ASPHALT
RESURFACING

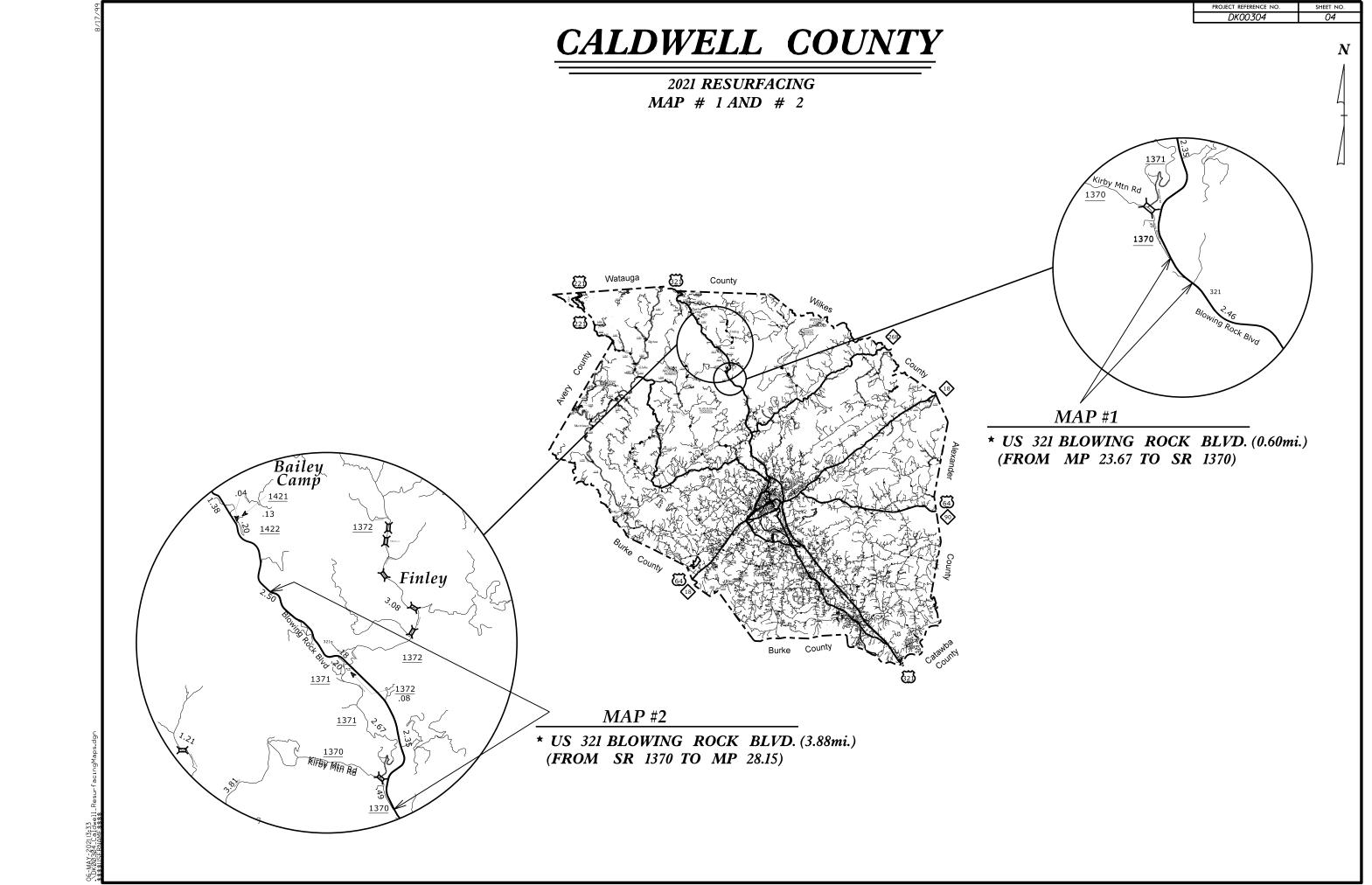
REVISIONS	INIT.	DATE	
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	l		
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	1		SC
		F	PF

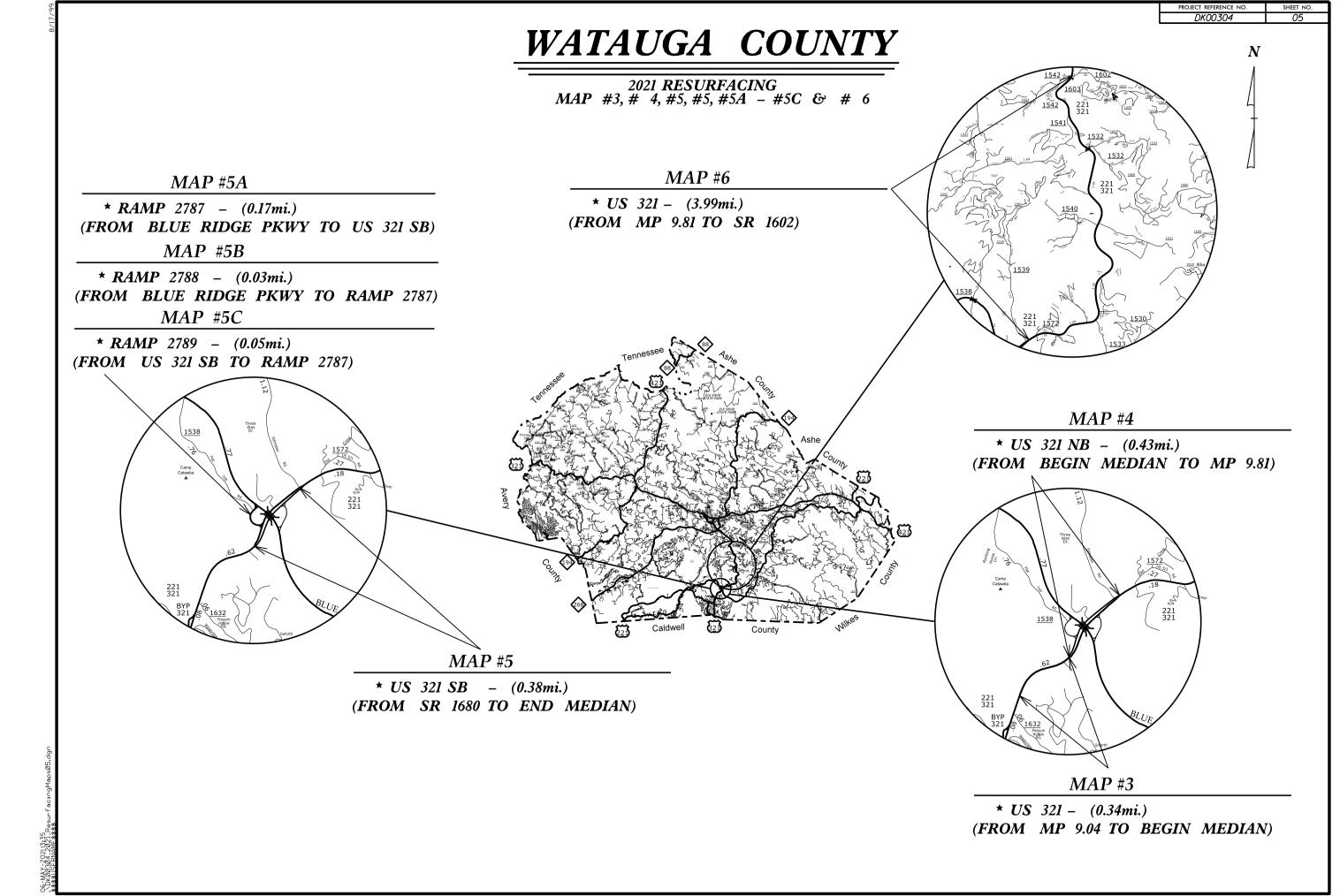
N.C. DEPARTMENT of TRANSPORTATION

DIVISION of HIGHWAYS

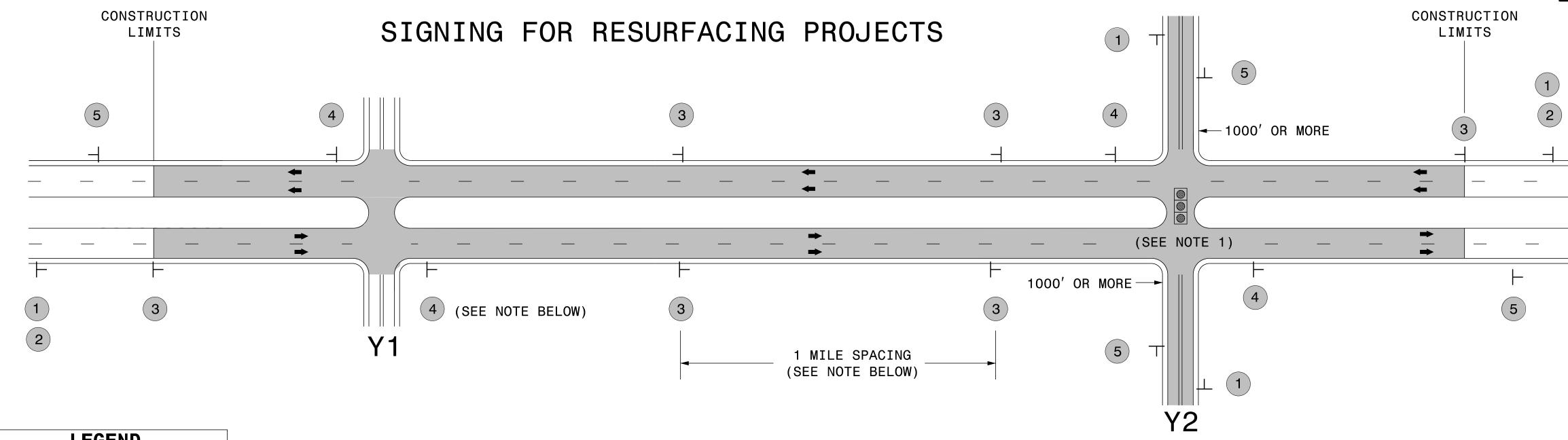
DIVISION ELEVEN

___ SCALE: N/A DATE: 5/10/2021
PREPARED BY: GKirby
REVENED BY:
REVENED BY:





PROJ. REFERENCE NO. SHEET NO.



<u>LEGEND</u> ├ STATIONARY SIGN

NO ER

IGNING

SO

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

ROAD WORK AHEAD W20-1 48" X 48 2 NEXT W7-3aP 24" X 18"

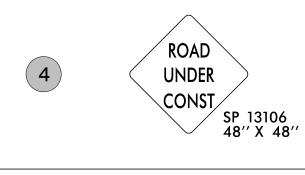
PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.
ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

W7-3aP #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH.

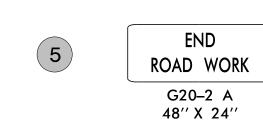
EXX MILES 24" X 18" ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)

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 ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.



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 SP 13106 48" X 48" INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.



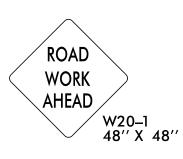
PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

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.

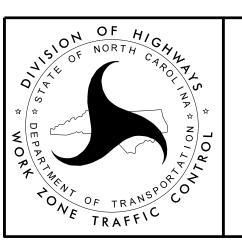




PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

NOTES:

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.



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

]arrett/Vownloads/Kesurtacing_AdvWarn_Ursu_snldr.dgn stt

