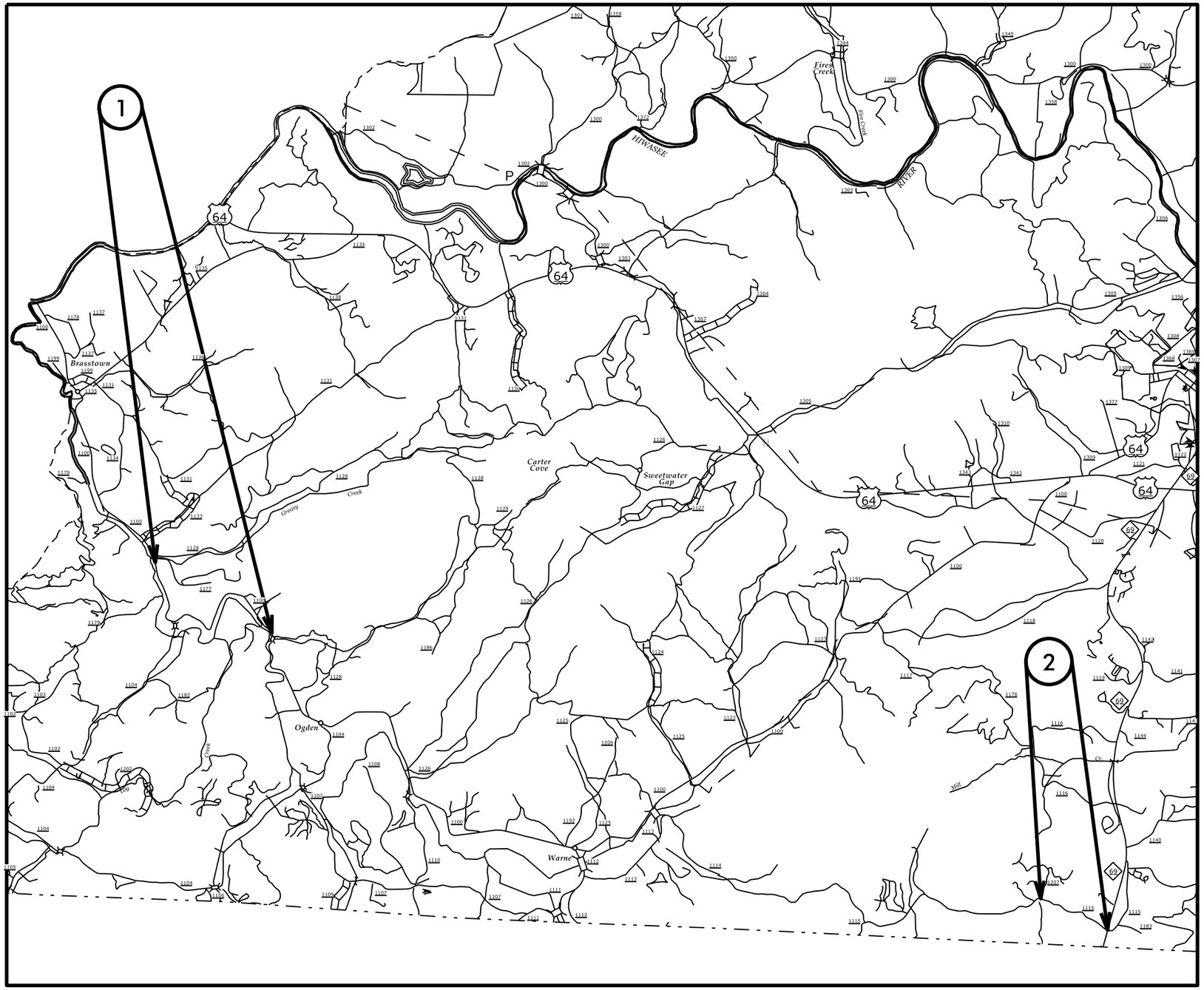
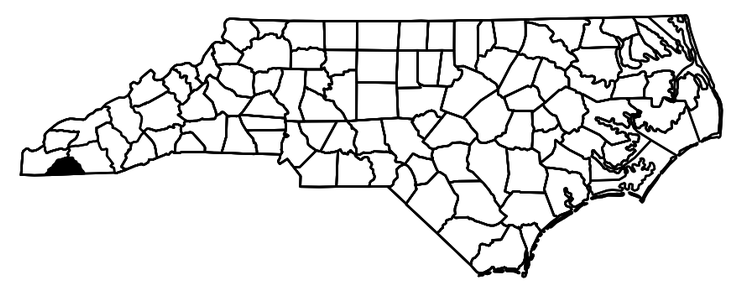
PROJECT REFERENCE NO.		SHEET NO.
14CR.20221.9		1
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
14CR.20221.9		

CLAY COUNTY



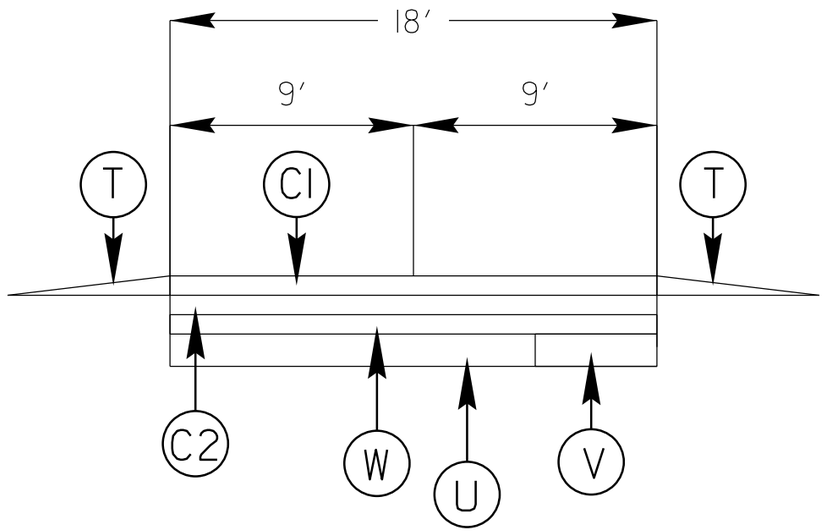


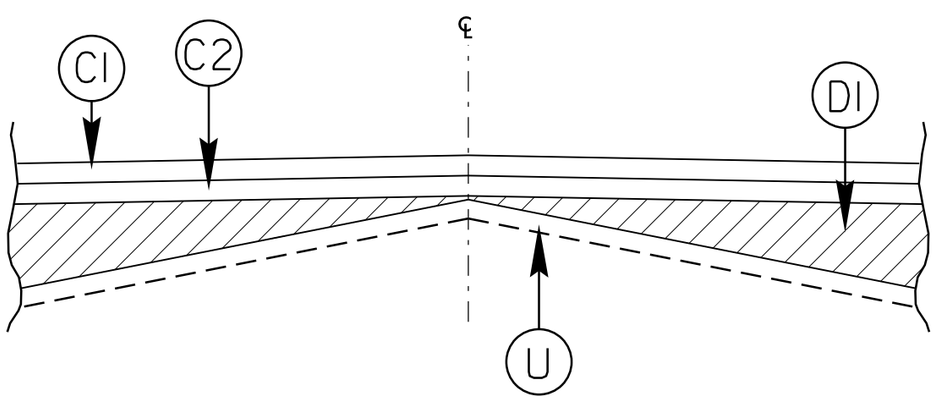
PROJECT REFERENCE NO.		SHEET NO.
14CR.20221.9		2
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
14CR.20221.9		

TYPICAL 1

SR–1100 CLAY COUNTY

–L– STA. 0+00 TO STA. 77+65 +/–





Detail Showing Method of Wedging

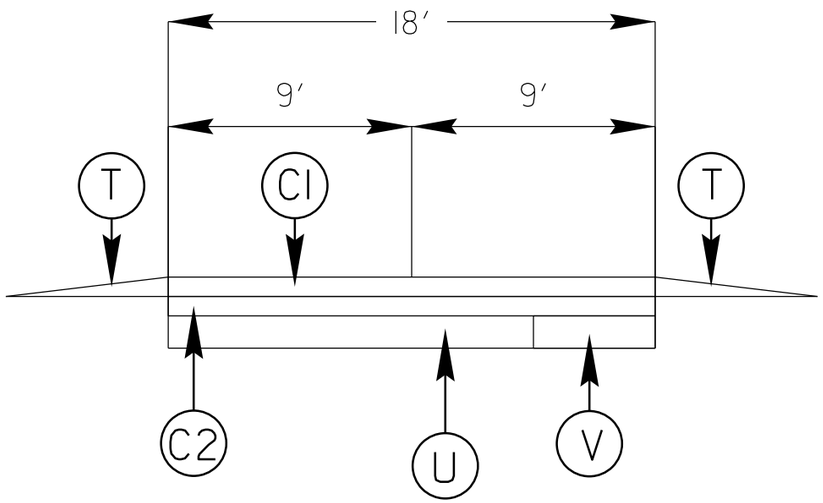
SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C1	PROP. APPROX. 1 ½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1" ASPHALT CONCRETE LEVELING SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
D1	PROP. VAR. DEPTH ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 2.5" IN DEPTH OR GREATER THAN 4" IN DEPTH.
T	SHOULDER RECONSTRUCTION WITH ABCM - SEE PROJECT SPECIAL PROVISIONS
U	EXISTING ASPHALT
V	PATCHING EXISTING PAVEMENT WITH 4" OF ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
W	PROPOSED WEDGING (SEE APPROPRIATE DETAIL)

PROJECT REFERENCE NO.		SHEET NO.
14CR.20221.9		3
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
14CR.20221.9		

TYPICAL 2

SR–1115, MCDONALD RD., CLAY COUNTY
–L– STA. 0+00 TO STA. 27+45 +/–

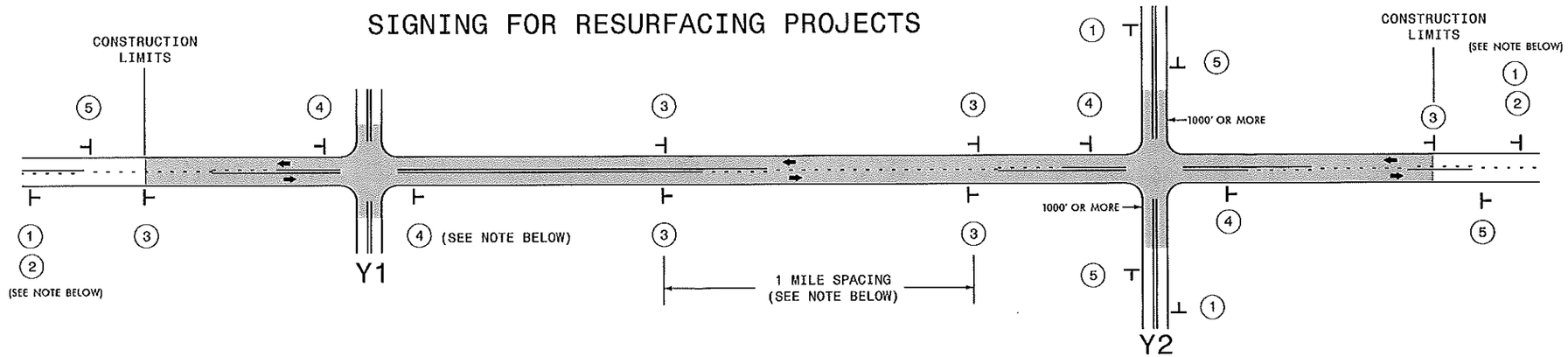


SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C1	PROP. APPROX. 1 ½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1" ASPHALT CONCRETE LEVELING SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION WITH ABCM - SEE PROJECT SPECIAL PROVISIONS
U	EXISTING ASPHALT
V	PATCHING EXISTING PAVEMENT WITH 4" OF ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.

PROJ. REFERENCE NO.	SHEET NO.

SIGNING FOR RESURFACING PROJECTS



LEGEND
- ⊢ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW

SIGNING NOTES AND PLACEMENT PER DIRECTION

MAINLINE (-L-) SIGNING

1	ROAD WORK AHEAD 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.
2	NEXT XX MILES 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	LOW SOFT SHOULDER 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.
4	ROAD UNDER CONST. 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	END ROAD WORK G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD
W20-1
48" X 48"

PLACED 500' IN ADVANCE OF FLAGGER.

W20-7 A
48" X 48"

PLACED 250' IN ADVANCE OF FLAGGER.

48'

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

8/8/2013
S:\TMU\WZTC\Resurfacing\2013Resurfacing\2013Documents\New_Procedures_05_09_2013\Resurfacing_AdvWarn_2Ln.dgn
User:mgarrett

PROJECT NO.	SHEET NO.	TOTAL NO.
14CR.20221.9	5	6

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	SHOULDER RECONSTRUCTION SMI	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE) TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS
14CR.20221.9	Clay	1	SR 1100	BEGINNING AT SR 1177 (ANDERSON ROAD) AND ENDING AT BRIDGE # 100	1	2	2WU	NO	NO	1.471	19	3.00	212	1,525	1,014	163	370
TOTAL FOR MAP NO. 1										**1.471**		**3.00**	**212**	**1,525**	**1,014**	**163**	**370**
14CR.20221.9	Clay	2	SR 1115 (MCDONALD RD)	BEGINNING AT NC 69 AND ENDING AT SR 1207 (MCDONALD ROAD)	2	2	2WU	NO	NO	0.52	19	1.04		539	359	54	176
TOTAL FOR MAP NO. 2										**0.52**		**1.04**		**539**	**359**	**54**	**176**
TOTAL FOR PROJ NO. 14CR.20221.9										**1.991**		**4.04**	**212**	**2,064**	**1,373**	**217**	**546**
GRAND TOTAL										**1.991**		**4.04**	**212**	**2,064**	**1,373**	**217**	**546**

PROJECT NO.	SHEET NO.	TOTAL NO.
14CR.20221.9	6	6

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4399000000-N TEMPORARY TRAFFIC CONTROL ^ LS LS	4595000000-E (WORK ZONE ADVANCE/GENERAL WARNING SIGNING) SF	4810000000-E PAINT PVMT. MARKING LINES, 4" LF	4810000000-E PAINT PVMT MARKING LINES, 4" LF	4835000000-E PAINT PVMT MARKING LINES, 24" LF
14CR.20221.9	Clay	1	SR 1100	BEGINNING AT SR 1177 (ANDERSON ROAD) AND ENDING AT BRIDGE # 100	1	2	2WU	1.471	19	1.00	150.00	62,120		100
TOTAL FOR MAP NO. 1								**1.471**		**1.00**	**150.00**	**62,120**		**100**
14CR.20221.9	Clay	2	SR 1115 (MCDONALD RD)	BEGINNING AT NC 69 AND ENDING AT SR 1207 (MCDONALD ROAD)	2	2	2WU	0.52	19	1.00	104.00		21,965	100
TOTAL FOR MAP NO. 2								**0.52**		**1**	**104**		**21,965**	**100**
TOTAL FOR PROJ NO. 14CR.20221.9								**1.991**		**2**	**254**	**62,120**	**21,965**	**200**
												84,085		
GRAND TOTAL								**1.991**		**2**	**254**	**62,120**	**21,965**	**200**
												84,085		