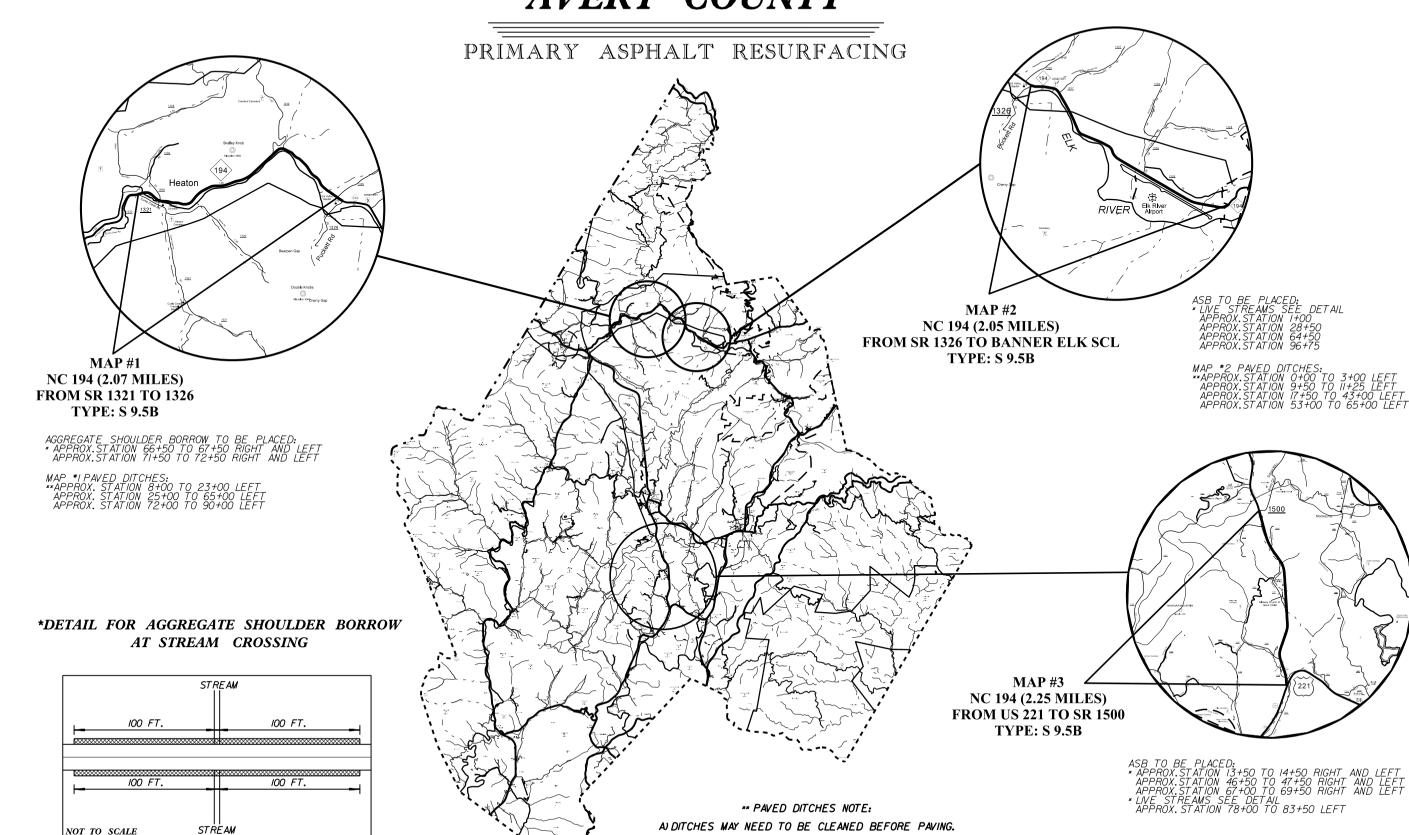
PROJECT REFERENCE NO. SHEET NO.

IICR_J0061_22 /

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

AVERY COUNTY



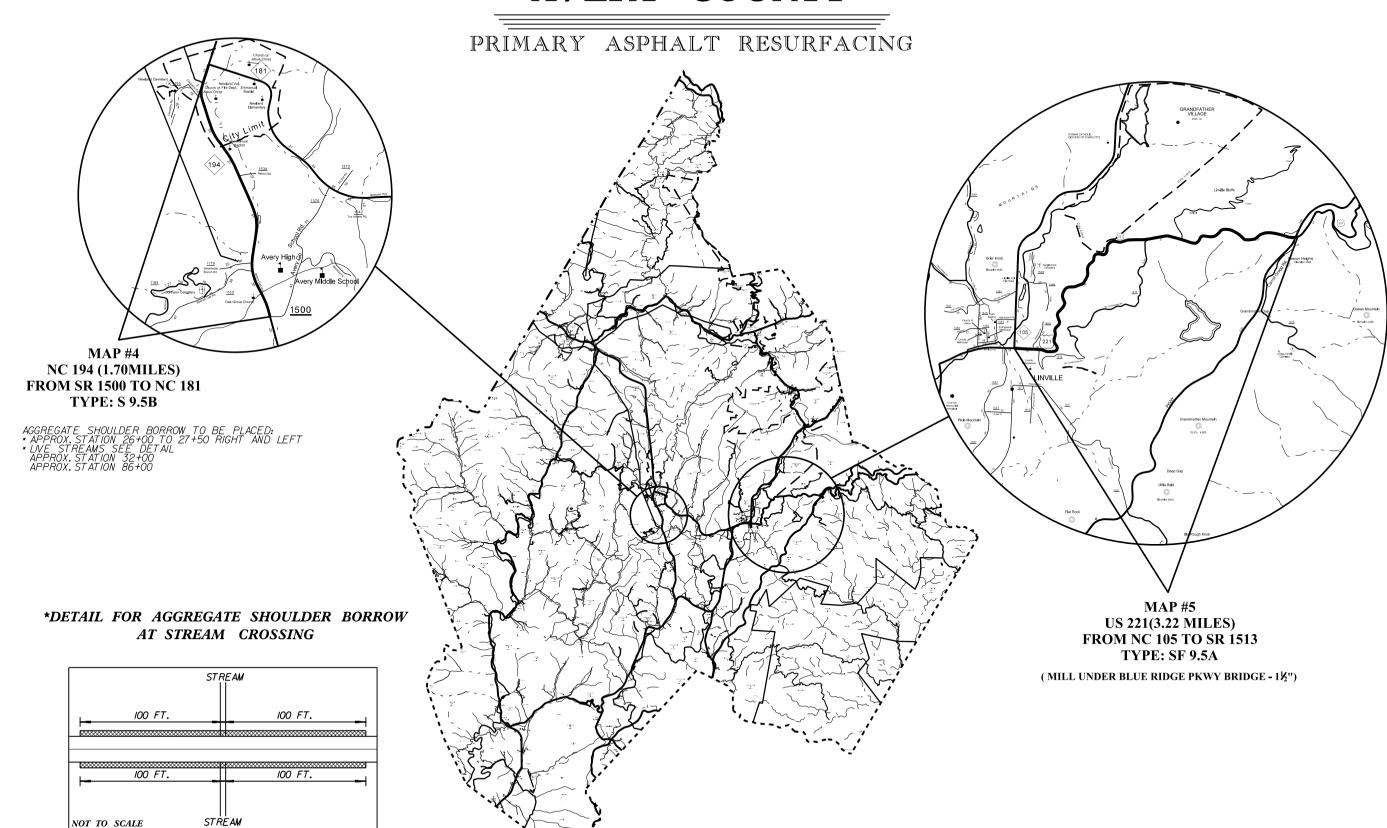
B) PAVED DITCHES WILL REQUIRE EXTENSIVE HAND WORK.

HATCHED AREA SHOWS PLACEMENT

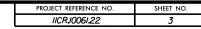
PROJECT REFERENCE NO. SHEET NO.

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

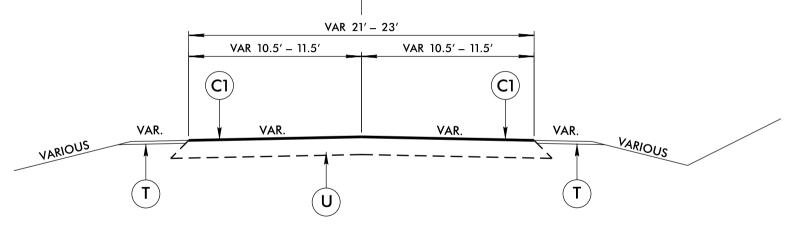
AVERY COUNTY



HATCHED AREA SHOWS PLACEMENT OF AGGREGATE SHOULDER BORROW

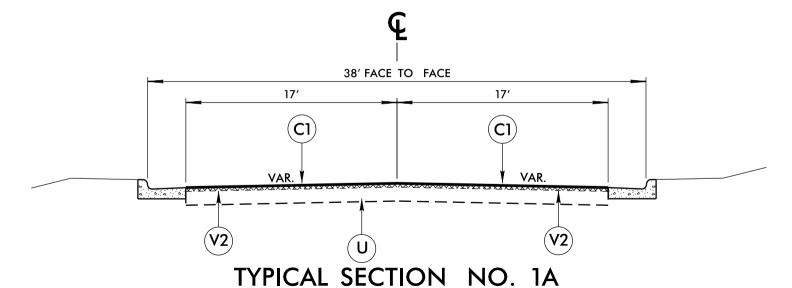


* PATCHING AT LOCATIONS AS DIRECTED BY ENGINEER

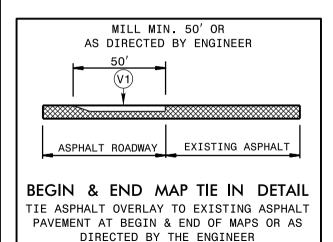


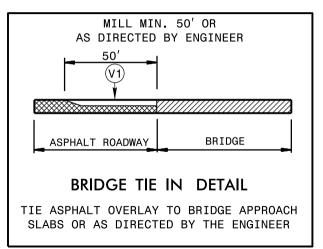
TYPICAL SECTION NO. 1

- * MAP 1 NC 194 FROM SR 1321 TO SR 1326
- * MAP 2 NC 194 FROM SR 1326 TO BANNER ELK SCL
- * MAP 4 NC 194 FROM SR 1500 TO NC 181



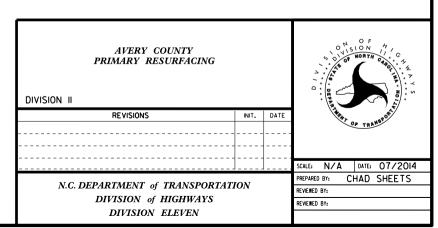
* MAP – 4A (CURB AND GUTTER SECTION ONLY) APPROX 500' AT END OF MAP 4

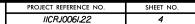




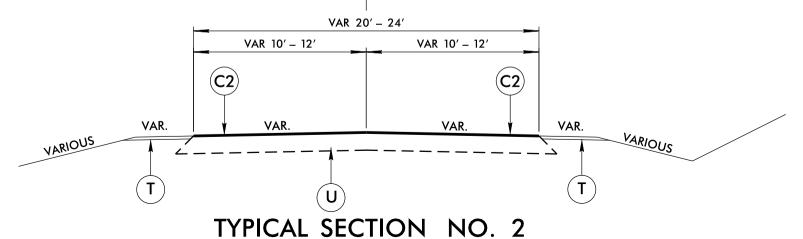
PAVED DITCH DETAIL 3' PAVED DITCH EXISTING GROUND (UNDISTURBED) USE 4" OF SAME MIX USED ON ROADWAY IN PAVED DITCH ** (SEE COUNTY MAP)

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. $1^{1}\!\!\!/_{2}{}^{\prime\prime}$ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF $1lac{1}{2}"$





* PATCHING AT LOCATIONS AS DIRECTED BY ENGINEER * 1' WIDENING AT LOCATIONS TO BE DETERMINED BY ENGINEER



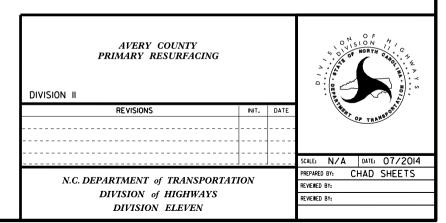
* MAP P3 - NC 194 FROM US 221 TO SR 1500

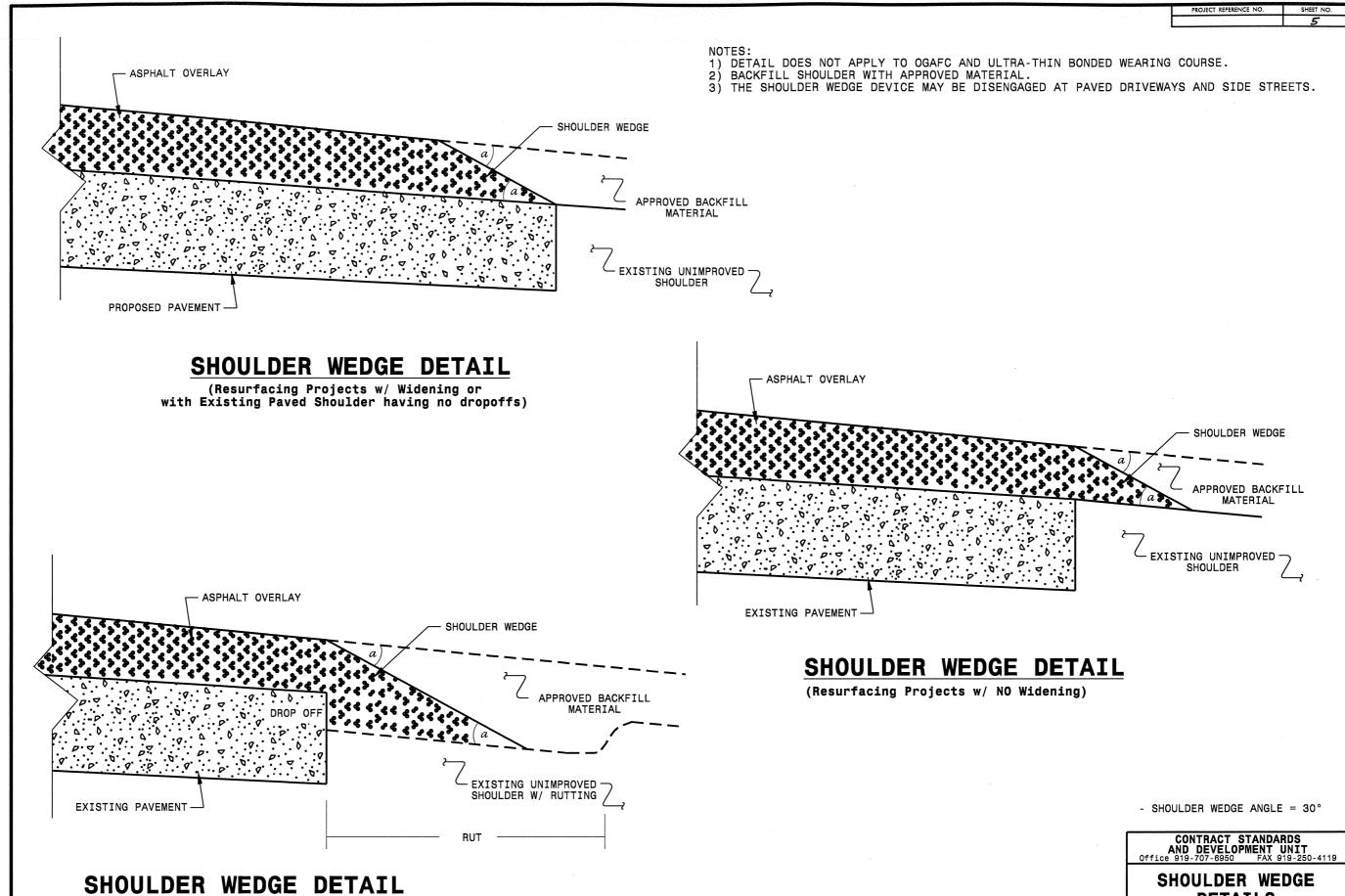
* MAP P5 - US 221 FROM NC 105 TO SR 1513

* PATCHING AT LOCATIONS AS DIRECTED BY ENGINEER * LEVELING AT LOCATIONS AS DIRECTED BY ENGINEER * CHECK CLEARANCE ON BLUE RIDGE PKWY BRIDGE WHILE MILLING VAR. V

PAVED DITCH DETAIL 3' PAVED DITCH DITCH EXISTING GROUND (UNDISTURBED) USE 4" OF SAME MIX USED ON ROADWAY IN PAVED DITCH ** (SEE COUNTY MAP)

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. $1^{1}\!$
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"





DETAILS

ORIGINAL BY: MODIFIED BY:

(Resurfacing Adjacent to Rutted Shoulder)

PROJECT NO.	SHEET NO.	TOTAL NO.
11CR.10061.22		

SUMMARY OF QUANTITIES

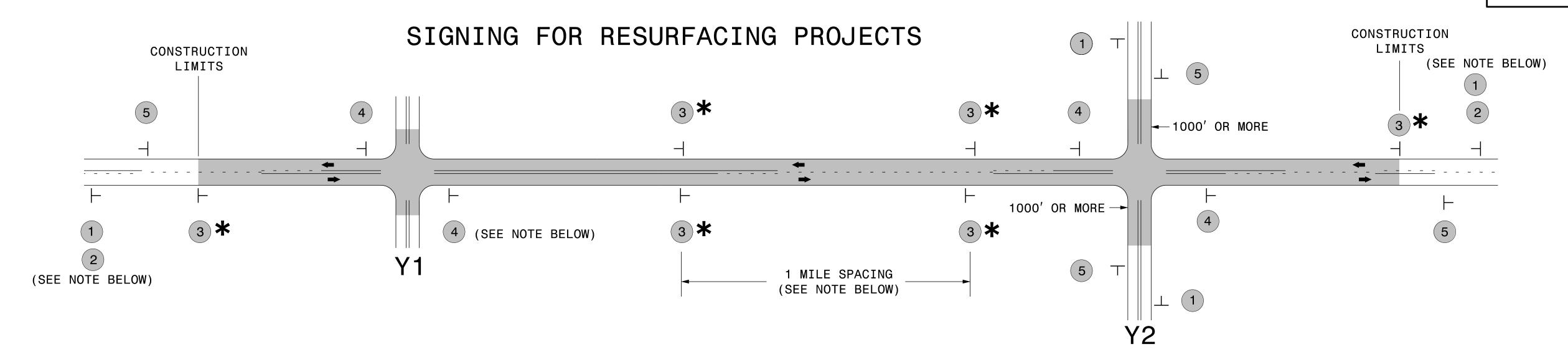
PROJECT	cou	INTY MAP	ROUTE	DESCRIPTION	TYP	LANES LANE	FINAL	WARMIMIX	LENGTH	WDTH	BORROW	INCIDENTAL	SHOULDER	1½"	INCIDENTAL	SURFACE	SURFACE	LEVELING	ASPHALT	PATCHING	ADJ. OF	ADJ. OF	SEED&	PAVED	UNPAVED	JUNCTION	INDUCTIVE	LEAD-IN
						TYPE	SURFACE	ASPHALT			EXCAVATION	STONE BASE	RECONSTRUCTION	MILLING	MILLING	COURSE,	COURSE,		BINDER FOR	EXISTING	MANHOLES	METER OR	MULCHING	TRENCHING	TRENCHING	вох	LOOP	CABLE
							TESTING	REQUIRED								S9.5B	SF9.5A	SF9.5A	PLANT MIX	PAVEMENT		VALVE BOX		(2, 2")	(2, 2")	(STANDARD		i l
							REQUIRED																			SIZE)		i l
NO		NO			NO				M	FT	CY	TONS	SM	SY	SY	TONS	TONS	TONS	TONS	TONS	EA	EA	AC	LF	LF	EA	LF	LF
																												1
11CR.10061.2	22 Av	erv 1	NC 194	FROM SR 1321 TO SR 1326	1	2 2WU	NO	NO	2.07	21	414	50	4.14		120	2,255			135	75			1.50					i
11CR.10061.2			NC 194	FROM SR 1326 TO BANNER ELK SCL	1	2 2WU	NO	NO	2.05	21	410	50	4.10		120	2,300			138	150	1		1.50					1
11CK.10061.2	ZZ AV	ery 2	NC 194	FROIVI SR 1326 TO BAINNER ELK SCL	1	2 2000	NO	NO	2.05	21	410	50	4.10		120	2,300			138	150	1		1.50					
																												i
11CR.10061.2	22 Av	ery 3	NC 194	FROM US 221 TO SR 1500	2	2 2WU	NO	NO	2.25	24	450	50	4.50		135	2,875			173	500			1.60					
																												1
11CR.10061.2	22 Av	ery 4	NC 194	FROM SR 1500 TO NC 181	1	2 2WU	NO	NO	1.7	23	340	50	3.40	1,944	130	2,280			137	130		3	1.20	100	100	2	300	100
																												1
11CR.10061.2	22 Av	erv 5	US 221	FROM NC 105 TO SR 1513	3	2 2WU	NO	NO	3.22	21	644	75	6.44		1,050		3,775	550	286	250			2.30	100	100	1	232	100
		, ,													,		,											
TOTAL FOR	DDOI N	O 11CB 1	0061 22						11.29		2,258	275	22.58	1,944	1,555	9,710	3,775	550	869	1,105	1	,	8.10	200	200	,	532	200
TOTAL FOR	PROJ N	U. 11CK.10	001.22						11.29		2,258	2/3	22.38	1,944	1,555	9,710	3,775	330	809	1,105	1		8.10	200	200	3	532	
																												i
	GRAND	TOTAL							11.29		2,258	275	22.58	1,944	1,555	9,710	3,775	550	869	1,105	1	3	8.10	200	200	3	532	200

PROJECT NO.	SHEET NO.	TOTAL NO.
11CR.10061.22		

THERMOPLASTIC AND PAINT QUANTITIES

					1 1		1 1														
										4413000000-E	4457000000-N		00000-E		4835000000-Е			4845000000-N			4905000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE	LENGTH	WDTH	WORK ZONE	TEMPORARY	4" WHITE	4" YELLOW	8" YELLOW	24" WHITE	PAINT LT	PAINT STR	PAINT RT	PAINT STR &	PAINT STR & LT	SNOW
							TYPE			ADVANCE/GENERAL	TRAFFIC	PAINT	PAINT	PAINT	PAINT	ARROW	ARROW	ARROW	RT ARROW	ARROW	PLOWABLE
										WARNING SIGNS	CONTROL										MARKERS
										65											
NO		NO			NO					SF	LS	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA
11CR.10061.22	Avery	1	NC 194	FROM SR 1321 TO SR 1326	1	2	2WU	2.07	21	182	1	43,718	43,718								136
110.1110001122	,,,,,						20	2.07		102	-	.0,7.10	15), 25								100
11CR.10061.22	Avery	2	NC 194	FROM SR 1326 TO BANNER ELK SCL	1	2	2WU	2.05	21	182		43,296	43,296	1,025		2					150
4460 40064 22		2	NIC 404	FDOM HIS 224 TO SD 4500	_	2	214/11	2.25	24	102		47.520	47.520								450
11CR.10061.22	Avery	3	NC 194	FROM US 221 TO SR 1500		2	2WU	2.25	24	182		47,520	47,520								150
11CR.10061.22	Averv	4	NC 194	FROM SR 1500 TO NC 181	1	2	2WU	1.7	23	246		36,000	40,500	820	140	8	10	6	2	4	165
	,																				
11CR.10061.22	Avery	5	US 221	FROM NC 105 TO SR 1513	3	2	2WU	3.22	21	300		69,000	72,600	380		12	6		2		435
								11.29		1 002	1	239,534	247,634	2.225	140	22	16	_	_	4	1,036
TOTAL FOR PRO	OJ NO. 11	CR.100	61.22				1	11.29		1,092	1	259,534	247,634	2,225	140	22	16	6	4	4	1,036
												487	7,168		52						

PROJ. REFERENCE NO. SHEET NO.



LEGEND

├─ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND SEMENT PER DIRECTION

S

ROAD

UNDER

ROAD WORK

G20–2 A 48" X 24"

PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.

ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

AHEAD W20-1

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)

* 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.

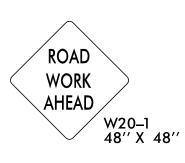
PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

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

-Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE

-Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

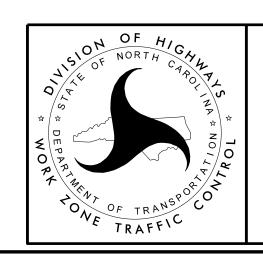




PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS: STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

S:\|MU\WZ|C\Apps\WorkZoneGenerd|\Ex+ User:rmqarrett