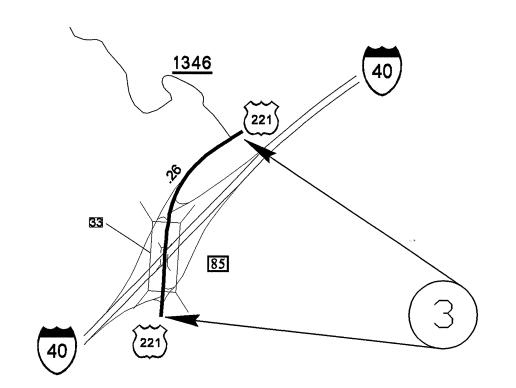
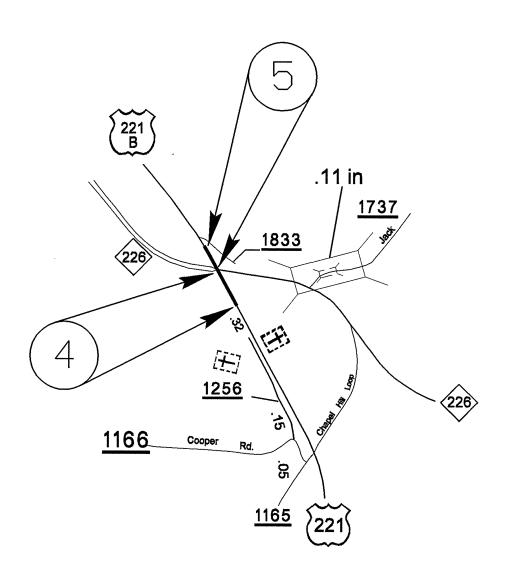
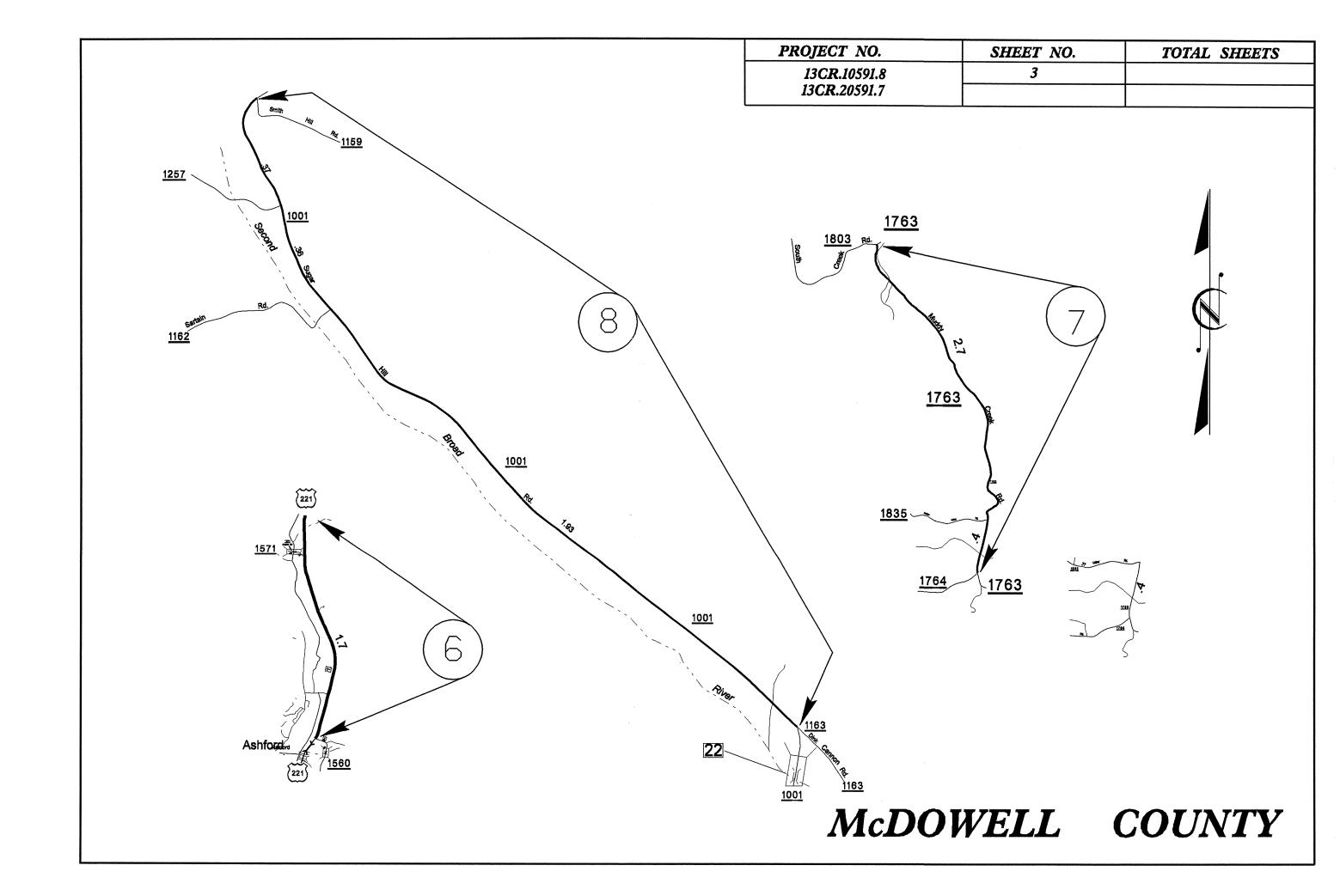


PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10591.8	2	
13CR.20591.7		

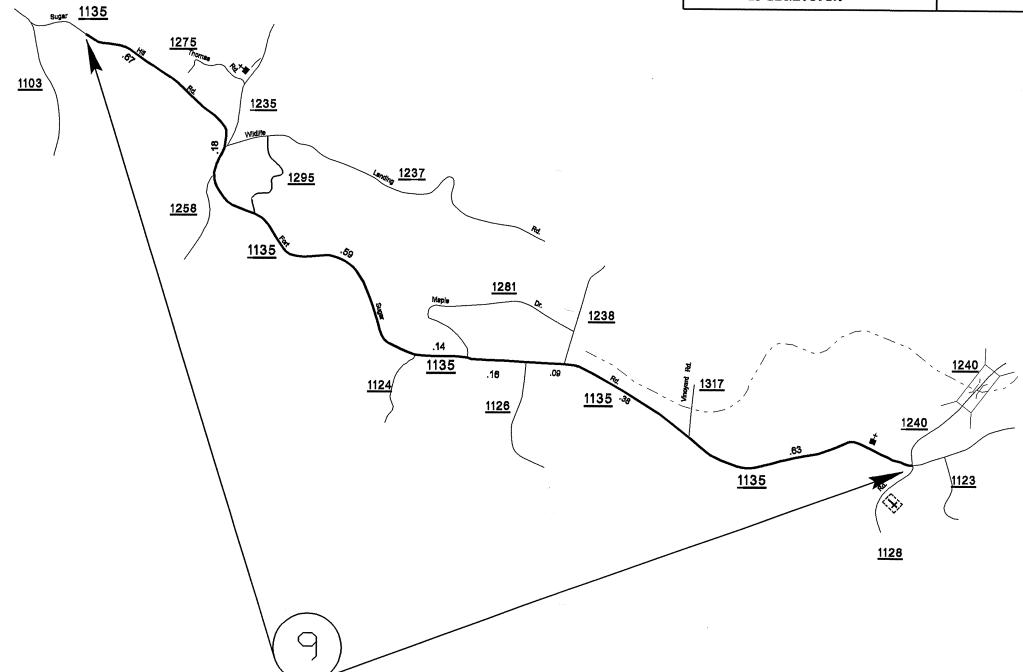




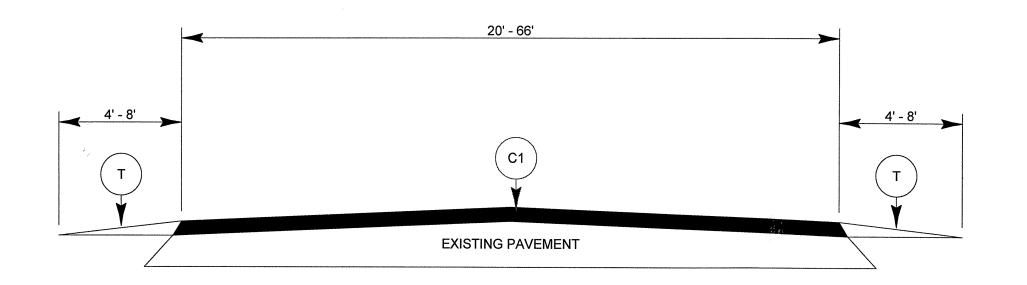


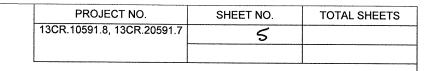


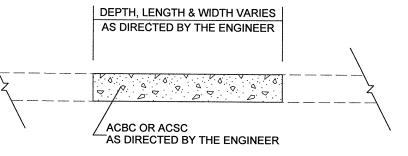
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10591.8	4	
13CR.20591.7		





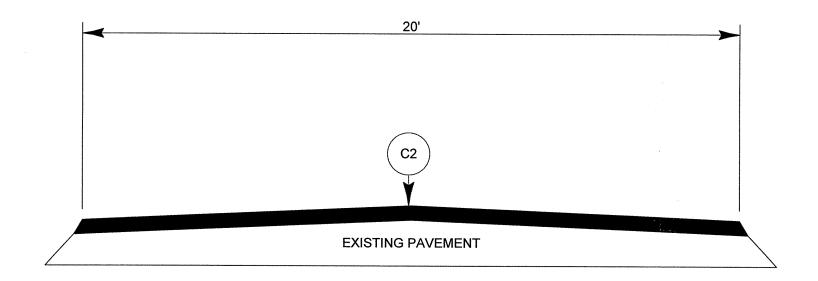




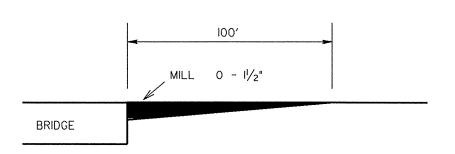


PATCHING EXISTING PAVEMENT

TYPICAL SECTION NO. 1

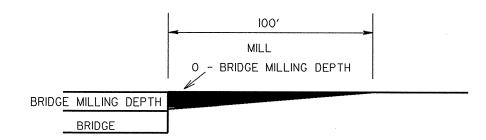


	PAVEMENT SCHEDULE
C1	PROP. APPROX. 11/2" ACSC, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD
C2	PROP. APPROX. 11/2" ACSC, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD
Т	SHOULDER RECONSTRUCTION

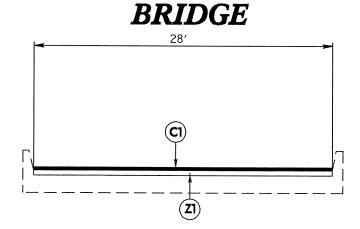


PROJECT NO. SHEET NO. TOTAL SHEETS 13CR.10591.8, 13CR.20591.7

MILLING DETAIL AT BRIDGE APPROACHES WHERE BRIDGE WILL NOT BE RESURFACED COST OF MILLING IS INCIDENTAL TO OTHER ITEMS



MILLING DETAIL AT BRIDGE APPROACHES WHERE BRIDGES WILL BE MILLED THEN RESURFACED COST OF MILLING IS INCIDENTAL TO OTHER ITEMS



BRIDGE DETAIL

BRIDGE NUMBER 33
MILL 1 1/2" OFF EXISTING PAVEMENT ON BRIDGE
THEN RESURFACE BRIDGE DECK WITH .1 1/2" OF S9.5B
SEE MAPS FOR BRIDGE LOCATION

PAVEMENT SCHEDULE									
C1	PROP. APPROX. 1½" ACSC, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.								
Z1	MILL 11/2"								

PROJECT NO.	SHEET NO.	TOTAL NO.
13CR.10591.8, 13CR.20591.7	7	

SUMMARY OF QUANTITIES

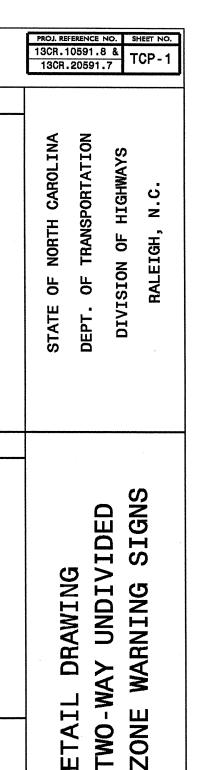
			1		LENGTH	WIDTH	INCIDENTAL	SHOULDER RECONSTRUC	1½" MILLING	SURFACE COURSE,	SURFACE COURSE.	PG 64-22 PLANT MIX	PATCHING	ADJ. OF	ADJ. OF
							STONE BASE	1		•		PLANT WILL	EXISTING	MANHOLE	METER OR
	NO			NO	М	FT	TONS	TION SMI	SY	S9.5B TONS	SF9.5A TON	TONS	PAVEMENT TONS	EA	VALVE BOX EA
13CR.10591.8 McDowell	1	US 221	SR 1351 TO SR 1785	1	1.06	24	53	2.12		1,386		83	40		
	2	US 221	SR 1785 TO SR 1153	1	0.90	24	45	1.80		1,177		71	40		
			.1 MI. S OF I-40 EB RAMP TO .07												
	3	US 221	MI. N OF SR 1346	1	0.40	30	20	0.80	1,600	802		48	150		2
	4	US 221	.19 MI. S OF NC 226 TO NC 226	1	0.19	66	10	0.38		681		41	70		
	5	US 221 BUS	FROM NC 226 TO .15 N OF NC 226	1	0.15	66	8	0.30		538		32	50	1	
			SR 1560 NORTH TO NEW	· ·											
	6	US 221	PAVEMENT	1	2.10	20 .	105	4.20		2,291		137	200		
PROJ NO	D. 13C	R.10591.8			4.80		241	9.60	1,600	6,875		412	550	1	2

McDowell	7	SR 1763	SR 1803 TO SR 1764	2	3.07	20					3,289	214	350		
	8	SR 1001	SR 1163 TO SR 1159	2	2.76	20					2,957	192	250		
			0.7 MILES SOUTH OF SR 1103 TO												
	9	SR 1135	SR 1240	2	2.27	20					2,432	158	200		
PROJ N	D. 13C	R.20591.7			8.10						8,678	564	800		
RAND TO	ΤΔΙ		Г		12 90	T	241	9.60	1 600	6 875	8 678	976	1 350	1	T 2
F	PROJ NO ICDOWEIL PROJ NO RAND TO	2 3 4 5 6 PROJ NO. 13CI ICDOWEII 7 8 9 PROJ NO. 13CI	2 US 221 3 US 221 4 US 221 5 US 221 BUS 6 US 221 PROJ NO. 13CR.10591.8 ICDOWell 7 SR 1763 8 SR 1001 9 SR 1135 PROJ NO. 13CR.20591.7 RAND TOTAL	2 US 221 SR 1785 TO SR 1153 .1 MI. S OF I-40 EB RAMP TO .07 MI. N OF SR 1346 4 US 221 .19 MI. S OF NC 226 TO NC 226 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 SR 1560 NORTH TO NEW PAVEMENT PROJ NO. 13CR.10591.8 ICDOWell 7 SR 1763 SR 1803 TO SR 1764 8 SR 1001 SR 1163 TO SR 1159 0.7 MILES SOUTH OF SR 1103 TO SR 1240 PROJ NO. 13CR.20591.7	2 US 221 SR 1785 TO SR 1153 1 .1 MI. S OF I-40 EB RAMP TO .07 .3 US 221 MI. N OF SR 1346 1 .4 US 221 .19 MI. S OF NC 226 TO NC 226 1 .5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 SR 1560 NORTH TO NEW PAVEMENT 1 PROJ NO. 13CR.10591.8 ICDOWell 7 SR 1763 SR 1803 TO SR 1764 2 8 SR 1001 SR 1163 TO SR 1159 2 0.7 MILES SOUTH OF SR 1103 TO SR 1240 2 PROJ NO. 13CR.20591.7	2	2	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 .1 MI. S OF I-40 EB RAMP TO .07 3 US 221 MI. N OF SR 1346 1 0.40 30 20 4 US 221 .19 MI. S OF NC 226 TO NC 226 1 0.19 66 10 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 0.15 66 8 SR 1560 NORTH TO NEW PAVEMENT 1 2.10 20 105 PROJ NO. 13CR.10591.8 4.80 241 IcDowell 7 SR 1763 SR 1803 TO SR 1764 2 3.07 20 8 SR 1001 SR 1163 TO SR 1159 2 2.76 20 9 SR 1135 SR 1240 2 2.27 20 PROJ NO. 13CR.20591.7 241 RAND TOTAL 12.90 241	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 1 MI. S OF I-40 EB RAMP TO .07 3 US 221 MI. N OF SR 1346 1 0.40 30 20 0.80 4 US 221 .19 MI. S OF NC 226 TO NC 226 1 0.19 66 10 0.38 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 0.15 66 8 0.30 SR 1560 NORTH TO NEW PAVEMENT 1 2.10 20 105 4.20 PROJ NO. 13CR.10591.8 2.10 20 105 4.20 RAND TOTAL 12.90 241 9.60 24 45 1.80 1.80 24 45 1.80 1.80 1.80 24 45 1.80 1.80 1.80 20 0.80 1.80 1.80 20 0.80 1.80 1.80 20 0.80 1.80 20 0.80 1.80 20 0.80 1.80 20 0.80 1.80 20 0.30 20 0.80 20 0.80 20 0.80 20 0.80 20 0.30 20 0.80 20 0.	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 3 US 221 MIL S OF I-40 EB RAMP TO .07 MIL N OF SR 1346 1 0.40 30 20 0.80 1,600 4 US 221 .19 MIL S OF NC 226 TO NC 226 1 0.19 66 10 0.38 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 0.15 66 8 0.30 SR 1560 NORTH TO NEW PAVEMENT 1 2.10 20 105 4.20 PROJ NO. 13CR.10591.8 4.80 241 9.60 1,600 CDOWell 7 SR 1763 SR 1803 TO SR 1764 2 3.07 20 SR 1163 TO SR 1159 2 2.76 20 SR 1135 SR 1240 2 2.27 20 SR 1135 SR 1240 2 2.27 20 SR 113CR.20591.7 SR 1290 241 9.60 1,600	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 1,177 3 US 221 MI. N OF I-40 EB RAMP TO .07 3 US 221 MI. N OF SR 1346 1 0.40 30 20 0.80 1,600 802 4 US 221 .19 MI. S OF NC 226 TO NC 226 1 0.19 66 10 0.38 681 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 0.15 66 8 0.30 538 SR 1560 NORTH TO NEW PAVEMENT 1 2.10 20 105 4.20 2,291 PROJ NO. 13CR.10591.8 SR 1803 TO SR 1764 2 3.07 20 241 9.60 1,600 6,875 PROJ NO. 13CR.20591.7 SR 1135 SR 1240 2 2.27 20 PROJ NO. 13CR.20591.7 8.10 9.60 1,600 6,875	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 1,177 1 MI. S OF I-40 EB RAMP TO .07 3 US 221 MI. N OF SR 1346 1 0.40 30 20 0.80 1,600 802 4 US 221 .19 MI. S OF NC 226 TO NC 226 1 0.19 66 10 0.38 681 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 0.15 66 8 0.30 538 SR 1560 NORTH TO NEW PAVEMENT 1 2.10 20 105 4.20 2.291 PROJ NO. 13CR.10591.8 4.80 241 9.60 1,600 6,875 PROJ NO. 13CR.20591.7 SR 1763 SR 1803 TO SR 1163 TO SR 1163 TO SR 1103 TO SR 1163 TO SR 1103 TO SR 1103 TO SR 1103 TO SR 1240 2 2.27 20 2.432 PROJ NO. 13CR.20591.7 8.10 241 9.60 1,600 6,875 8,678	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 1,177 71 1 MI. S OF I-40 EB RAMP TO .07	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 1,177 71 40 1 MI. S OF I-40 EB RAMP TO .07	2 US 221 SR 1785 TO SR 1153 1 0.90 24 45 1.80 1,177 71 40 .1 MI. S OF I-40 EB RAMP TO .07 .3 US 221 MI. N OF SR 1346 1 0.40 30 20 0.80 1,600 802 48 150 4 US 221 .19 MI. S OF NC 226 1 0.19 66 10 0.38 681 41 70 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 1 0.15 66 8 0.30 538 32 50 1 SR 1560 NORTH TO NEW 6 US 221 PAVEMENT 1 2.10 20 105 4.20 2.291 137 200 PROJ NO. 13CR.10591.8 SR 1803 TO SR 1764 2 3.07 20 2.27 20 3.289 214 350 2.957 192 2550 9 SR 1135 SR 1240 2 2.27 20 241 9.60 1,600 6,875 8,678 976 1,350 1

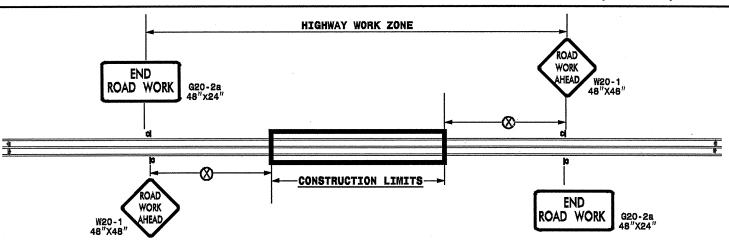
Note: 1 1/2" milling on map 3 is for bridge deck milling

THERMOPLASTIC AND PAINT QUANTITIES

				4685000000-E	4686000000-E	4710000000-E	4721000000-E		4725000000-E			481000000-E	
COUNTY	MAP	ROUTE	DESCRIPTION	4" X 90 M WHITE	4" X 120 M YELLOW	24" X 120 M WHITE	THERMO MSG ONLY 120 M	1			1	4" WHITE PAINT	4" YELLOW PAINT
				THERMO	THERMO	THERMO		М	M		90 M		
	NO			LF	LF	LF	EA	EA	EA	EA	EA	LF	LF
McDowell	1	US 221	SR 1351 TO SR 1785	11,194	11,194								
	2	US 221	SR 1785 TO SR 1153	9,504	9,504								
			.1 MI. S OF I-40 EB RAMP TO .07						·				
	3						8		3				
	4	US 221	.19 MI. S OF NC 226 TO NC 226	2,250	2,006	56		3		7	2		
	5	US 221 BUS	FROM NC 226 TO .15 N OF NC 226	1,750	1,584	56		3		7	2		•
	6	US 221	SR 1560 NORTH TO NEW PAVEMENT	22,176	22,176				′				
DDO I NO	120	D 40504 9		51,574	52,079	112	8	8	3	14	4		
	J. 13C	K. 10591.6			·				2	29			
					r	Υ					,		
McDowell													64,838
	8	SR 1001										58,291	58,291
	۵	SR 1135								•		47 042	47,942
		01(1100	GIV 1240				 	<u></u>		<u> </u>	 		171,072
TOTAL FOR PROJ NO. 13CR.20591.7										L	L		
				L	L	L	I			s,		J42	, 1 7 7
CDAND TO	TAI			51,574	52,079	112	8	8	3	14	4	171,072	171,072
GRAND TOTAL					•			29				342,144	
R	PROJ NO	NO McDowell 1 2 3 4 5 6 PROJ NO. 13C	NO McDowell 1 US 221 2 US 221 3 US 221 4 US 221 5 US 221 BUS 6 US 221 PROJ NO. 13CR.10591.8 McDowell 7 SR 1763 8 SR 1001 9 SR 1135 PROJ NO. 13CR.20591.7	NO McDowell 1 US 221 SR 1351 TO SR 1785 2 US 221 SR 1785 TO SR 1153 .1 MI. S OF I-40 EB RAMP TO .07 3 US 221 MI. N OF SR 1346 4 US 221 .19 MI. S OF NC 226 TO NC 226 5 US 221 BUS FROM NC 226 TO .15 N OF NC 226 SR 1560 NORTH TO NEW PAVEMENT PROJ NO. 13CR.10591.8 McDowell 7 SR 1763 SR 1803 TO SR 1764 8 SR 1001 SR 1163 TO SR 1159 0.7 MILES SOUTH OF SR 1103 TO SR 1240 PROJ NO. 13CR.20591.7	NO	NO	NO	NO	MAP ROUTE DESCRIPTION 4" X 90 M WHITE YELLOW THERMO THERMO THERMO THERMO THERMO THERMO M WHITE THERMO THERMO THERMO M M M M M M M M M	COUNTY MAP ROUTE DESCRIPTION	COUNTY MAP ROUTE DESCRIPTION	COUNTY MAP ROUTE DESCRIPTION A" X 90 M WHITE THERMO THERMO THERMO THERMO STR THERMO STR	A

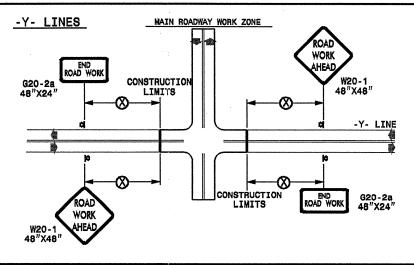


TWO-WAY UNDIVIDED ** (L-LINES)



RECOMMENDED MINIMUM SIGN SPACING POSTED SPEED LIMIT 8 (M.P.H.) ≤ 50 500' ≥ 55 1000

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND PORTABLE SIGN DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

OM L

FOR

NO

WORK

