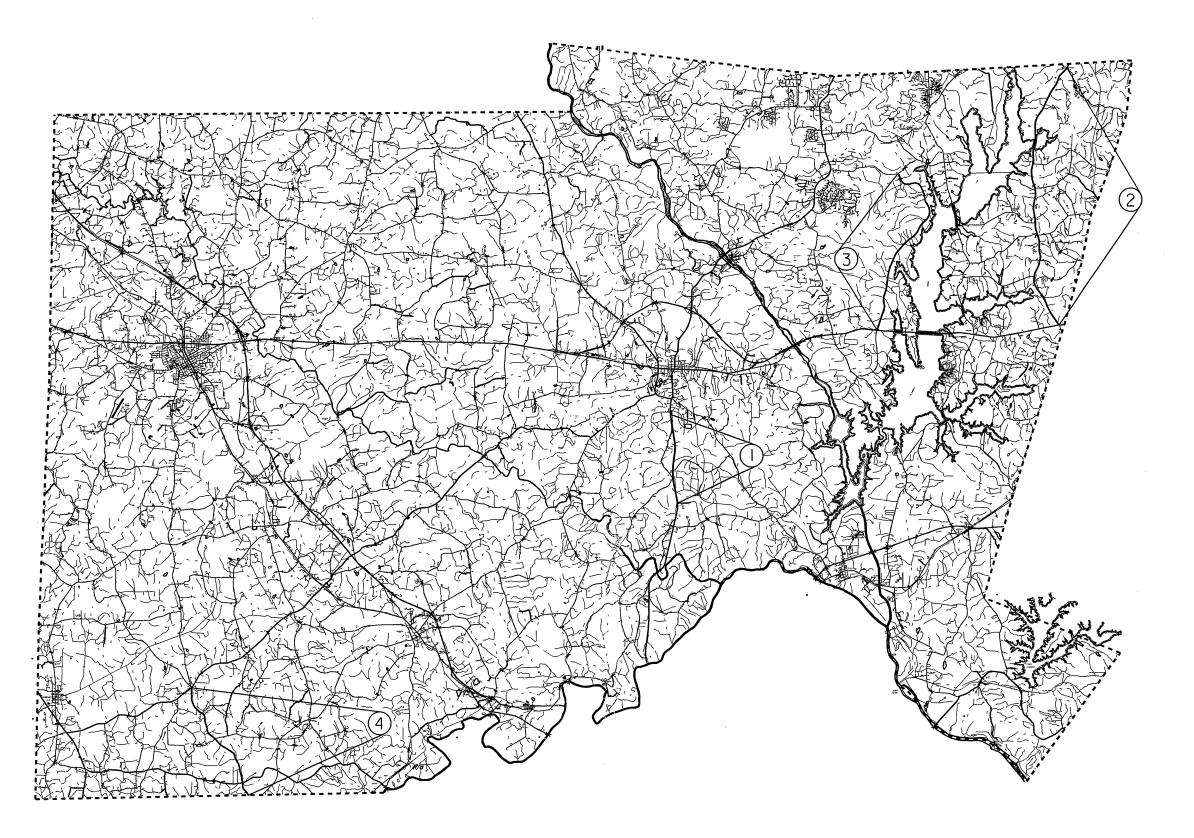
WBS ELEMENT SHEET N

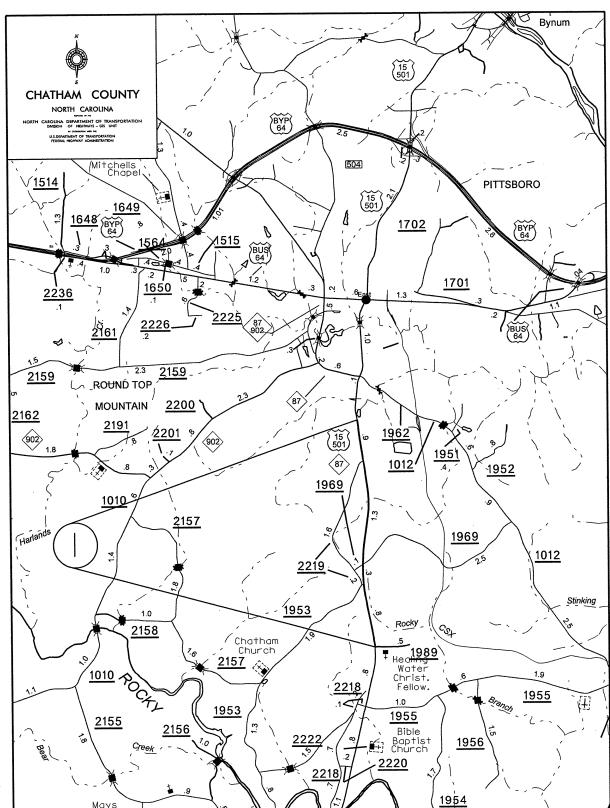
8CR.10191.18, 8CR.20191.18



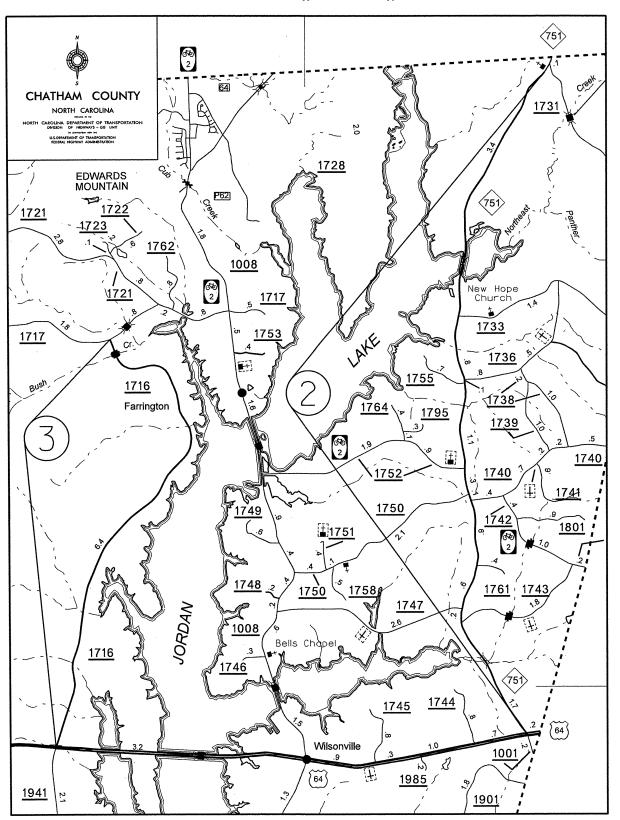
CHATHAM COUNTY

WBS ELEMENT SHEET NO.
2
8CR.10191.18, 8CR.20191.18

MAP #1



MAP #2 & #3



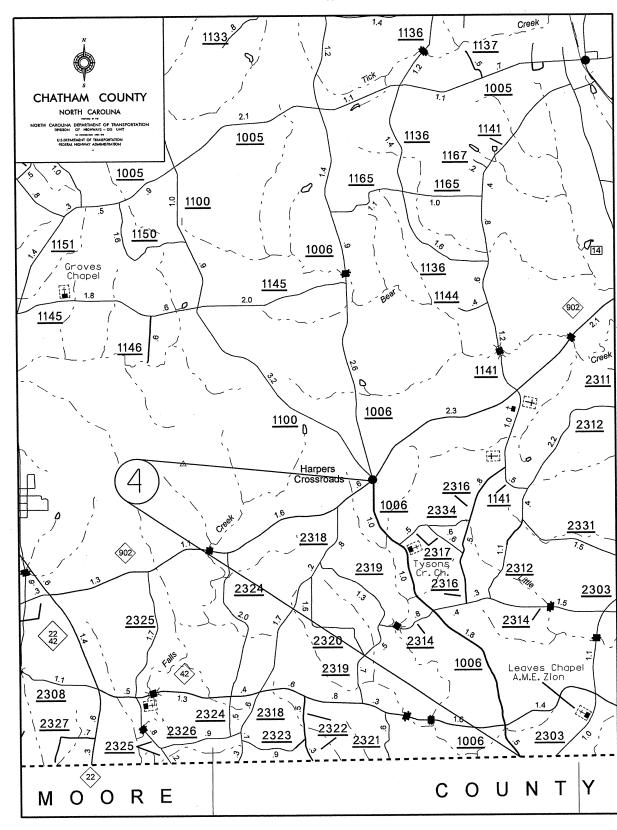
4.07 -Docs & X1s\2013 Resurfacing\Chatham\Maps_Typicals.dgn

WBS ELEMENT SHEET NO.

3

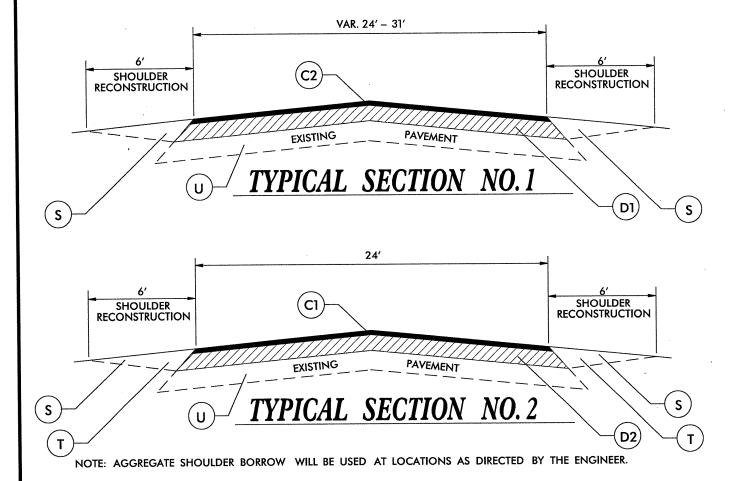
8CR.10191.18, 8CR.20191.18

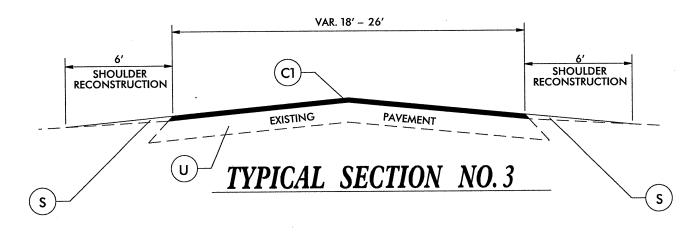
MAP #4

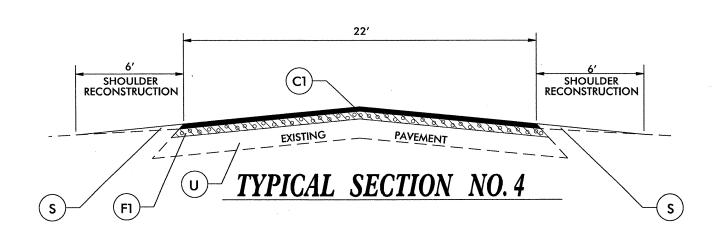




8CR.10191.18, 8CR.20191.18



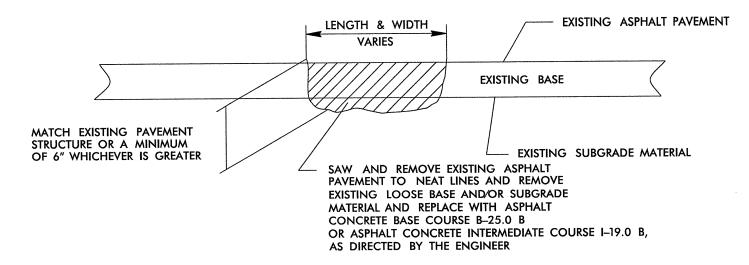


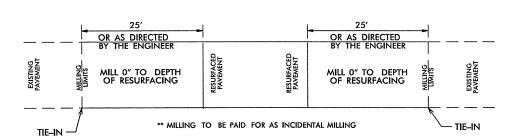


	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D3	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 11.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C AT AN AVERAGE RATE OF 437 LBS. PER SQ. YD. IN EACH OF THREE LAYERS
F1	PROPOSED ASPHALT SURFACE TREATMENT, MAT COAT WITH #6 STONE
S	AGGREGATE SHOULDER BORROW
Т	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V 1	MILLING 0" TO 4" IN DEPTH
V2	MILLING 18.5"

DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING

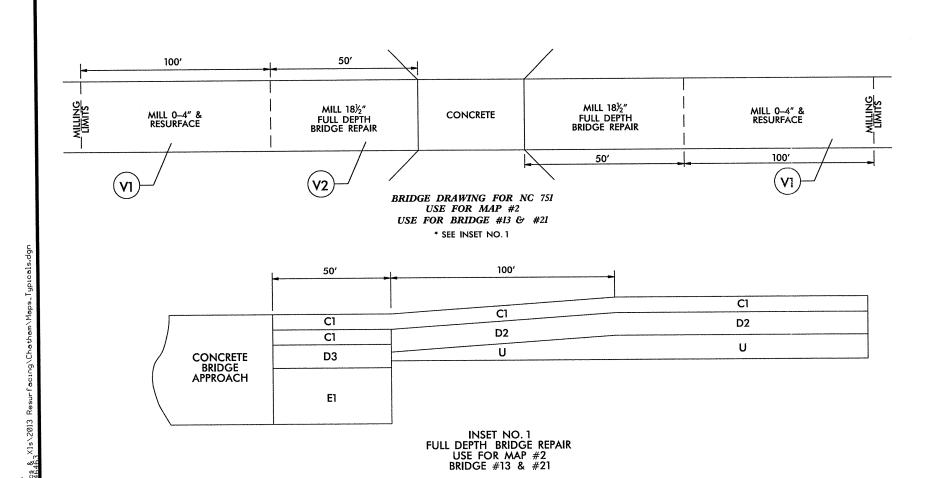
DETAIL





8CR.10191.18, 8CR.20191.18

PAVEMENT TIE-IN DETAIL



	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE \$9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D3	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 11.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C AT AN AVERAGE RATE OF 437 LBS. PER SQ. YD. IN EACH OF THREE LAYERS
Fl	PROPOSED ASPHALT SURFACE TREATMENT, MAT COAT WITH #6 STONE
S	AGGREGATE SHOULDER BORROW
Т	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V 1	MILLING 0" TO 4" IN DEPTH
V2	MILLING 18.5"

PROJECT NO.	SHEET NO.	TOTAL NO.
8CR.10191.18, 8CR.20191.18	6	
·		

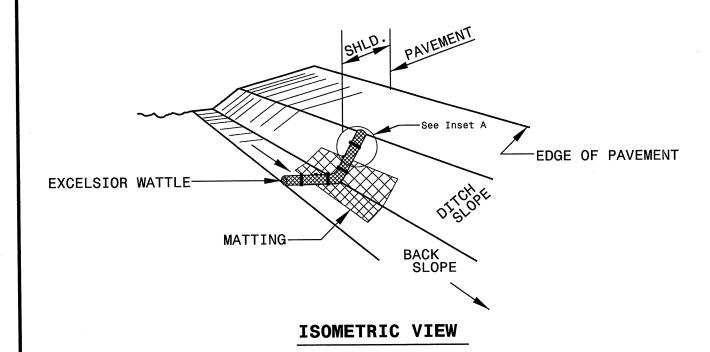
SUMMARY OF QUANTITIES

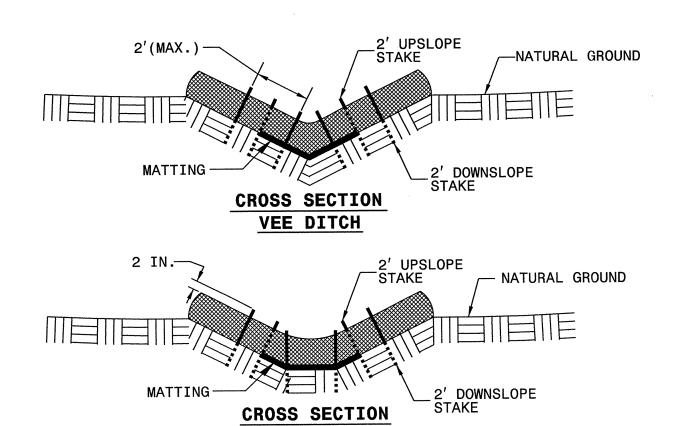
PROJECT	COUNTY	МАР	ROUTE	DESCRIPTION		FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	BORROW EXCAVATION	GENERIC GRADING ITEM - AGGREGATE SHOULDER BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTI ON	18.5" MILLING	0" TO 4" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0B	INTERMEDIATE COURSE, 119.0B	INTERMEDIATE COURSE, 119.0C	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MATCOAT, #6 STONE	WATTLE	SEED & MULCHING
NO		NO			NO		MI	FT	сч	TON	TONS	SMI	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SY	LF	AC
CR.10191.18	Chathan	, 1	US 15-501 / NC 87	FROM SR 1989 TO WIDTH CHANGE 0.7 MI SOUTH OF SR 1012	1	NO	2.8	31	,	672.00	280	5.60			500			8,540 ⁻		5,020	706	50			
CN.10151.10	Cilculati	2		FROM US 64 TO JOINT 550' SOUTH OF SR 1931	2	NO	9.034	24	2,710	2,000.00	903	18.07	535	1,070	250	365	19,830		12,145		1,697	150		80 80	9.03
TOTA	L FOR PRO	J NO. 8CR					11.834		2,710	2,672.00	1,183	23.67	535	1,070	750	365	19,830	8,540	12,145	5,020	2,403	200	L	80	9.03
CR.20191.18	Chathan	1 3 1	SR 1716	FROM US 64 TO SR 1717	3	NO	6.31	20		1,514.40	631	12.62			225				6,830		410 297	715 260	54,700.00		
		4	SR 1006	FROM MOORE CO LINE TO NC 902	4	NO	4.235 10.545	22		1,016.40 2,530.80	424 1,055	8.47 21.09			470 695				4,955 11,785		707	975	54,700.00		
TOTA		NO. 8CH	.20191.18				22.379		2,710	5,202.80	2,238	44.76	535	1,070	1,445	365	19,830	8,540	23,930	5,020	3,110	1,175	54,700.00	80	9.03

THERMOPLASTIC AND PAINT QUANTITIES

						•													400000	2000 11	477000000 5	405000000 5
	т	т т			ТΤ		4399000000-N	4685000000-E	468600	00000-E	4695000000-E		47250	00000-E		481000	0000-E	4820000000-E	4900000		4770000000-E	
	l .	1 1				WIDTH	TEMPORARY	4" X 90 M	4" X 120 M	4" X 120 M	8" X 90 M	THERMO RT	THERMO LT	THERMO STR	THERMO STR &	4" WHITE	4" YELLOW	8" YELLOW	CRYSTAL & RED	YELLOW &	COLD APPLIED	PAVEMENT
PROJECT	COUNTY	MAP	ROUTÉ	DESCRIPTION	LEN	WIDIN				WHITE	YELLOW	ARROW 90 M	ARROW 90	ARROW 90 M	RT ARROW 90	PAINT	PAINT	PAINT	MARKERS	YELLOW	PLASTIC	MARKING
	1	1 1			GTH		TRAFFIC	WHITE	YELLOW	ì	1	Anticon Som	RA		M				1	MARKERS	PAVEMENT	REMOVAL (4")
		1 1			1 1		CONTROL	THERMO	THERMO	THERMO	THERMO	1	141		"				1		MARKING	
	1																		1			
	1	1 1			1 1					1			İ								LINES, TYPE II	
	}	1 1																			(4")	1
	1	1 1			1 1		LS	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	LF	EA	EA	LF	LF
NO		NO			+-+		LJ	LI	<u> </u>													
	1	1 1		FROM SR 1989 TO WIDTH CHANGE						4.000	186	-	2	1 4		27,000	27,000		80	215		
8CR.10191.18	Chatham	1	US 15-501 / NC 87	0.7 MI SOUTH OF SR 1012	2.8	31		30,128	18,480	1,900	180			 	 							
				FROM US 64 TO JOINT 550' SOUTH OF	1										1	97,000	97,000		40	723	1,000	1,000
1		121	NC 751	SR 1931	9	24	*	97,206	90,340	800	575		6		ļ		124.000		120	938	1,000	1,000
					12			127,334	108,820	2,700	761	6	9	4		124,000						
TOTA	L FOR PRO	J NO. 80	R.10191.18		1				111	,520			19 248,000			L	1,0	58	1,000	1,000		
 				L	11	L		1	L													
		·			6.3	20	T		I	T	T	1	4	2 ·	2	135,791	133,835	560	20	416		
8CR.20191.18	Chatham	3	SR 1716	FROM US 64 TO SR 1717	6.3		1 .					<u> </u>				91,137	89,824			280		
		4	SR 1006	FROM MOORE CO LINE TO NC 902	4.2	22						+	1	2	7	226,928	223,659	560	20	696		
			0 20101 10		11		1			<u> </u>	ļ	 	1				,587		71	6	1	
TOTA	IL FOR PRO	3 NO. 80	CR.20191.18						<u> </u>		<u> </u>	<u></u>		y	·	430	,301	L	· /-		 	
														т	7			T ===	T	4.534	1.000	1.000
				l .	22	T	1	127,334	108,820	2,700	761	7	13	6	2	350,928	347,659	560	140	1,634	1,000	1,000
	GRAN	ID TOTA	ıL.		+==	-			11	111.520 28					698,587			1,7	74	<u></u>		

WATTLE DETAIL





TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

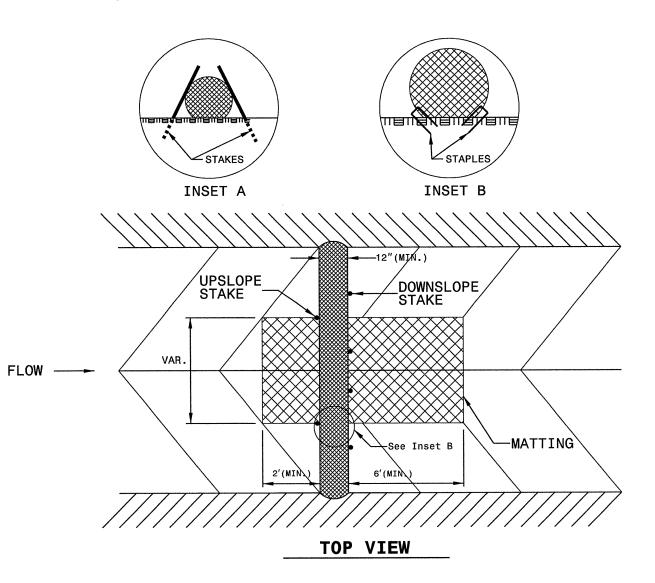
 $\underline{\text{ONLY}}$ INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

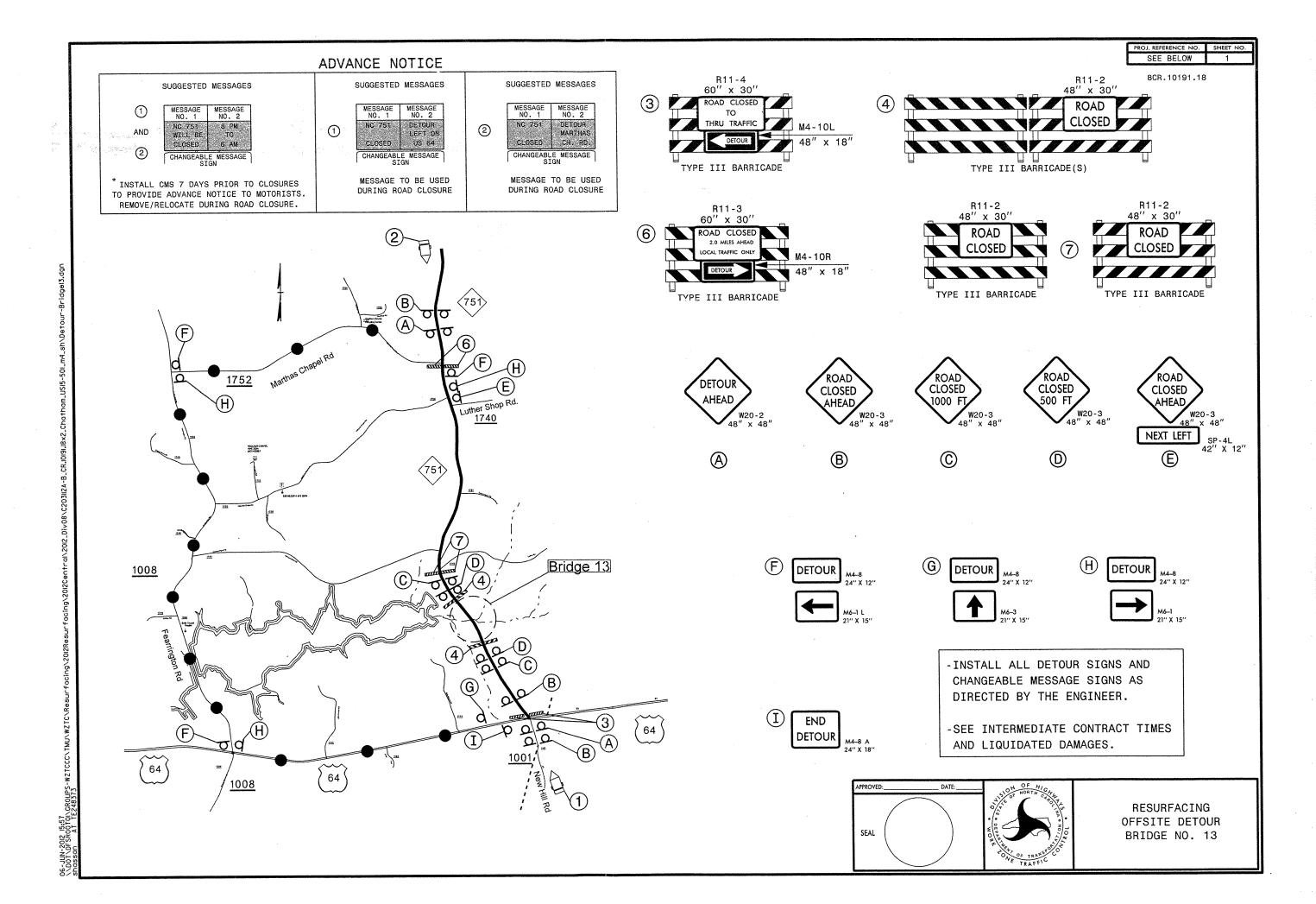
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

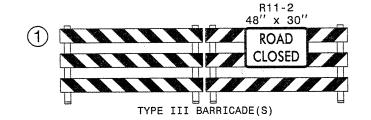
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.





PROJ. REFERENCE NO. SHEET NO

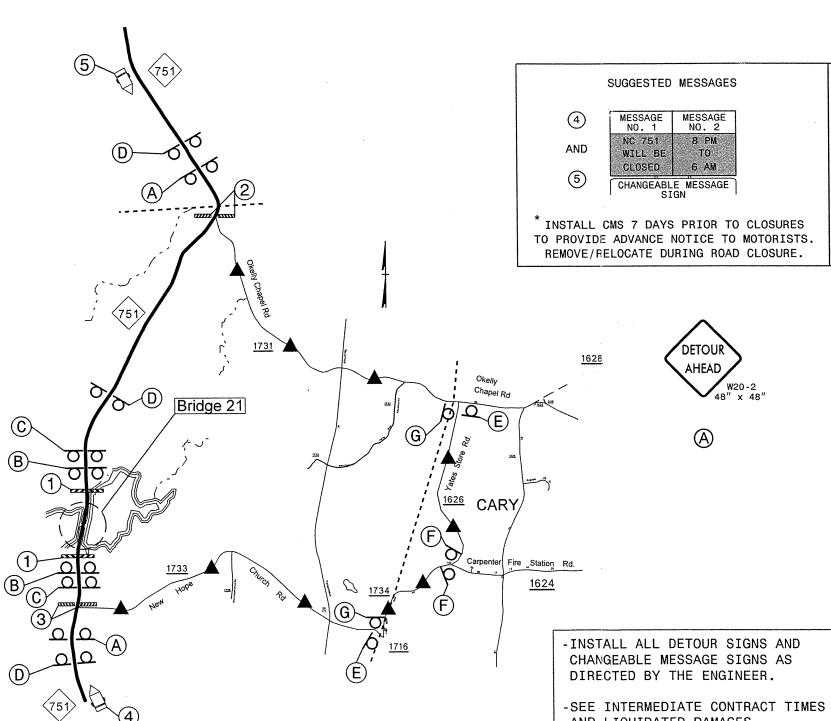
8CR.10191.18



06-JUN-2012 15:58 \\D01\0F\SR001\0\CR0UPS-WZTCCC\TMU\WZ'







ADVANCE NOTICE

SUGGESTED MESSAGES

MESSAGE NO. 1 MESSAGE NO. 2 NC 751 DETOUR NEW HOPE CLOSED CH. RD. CHANGEABLE MESSAGE SIGN

MESSAGE TO BE USED DURING ROAD CLOSURE

SUGGESTED MESSAGES

	MESSAGE NO. 1	MESSAGE NO. 2
(5)	NC 751	DETOUR OKELLY
	CLOSED	CHAPEL
		E MESSAGE GN

MESSAGE TO BE USED DURING ROAD CLOSURE



(4)



CLOSED AHEAD W20-3 48" x 48"

 $^{\circ}$

(

DETOUR M4-8



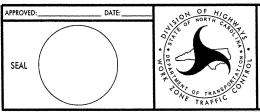








AND LIQUIDATED DAMAGES.



RESURFACING OFFSITE DETOUR BRIDGE NO. 21