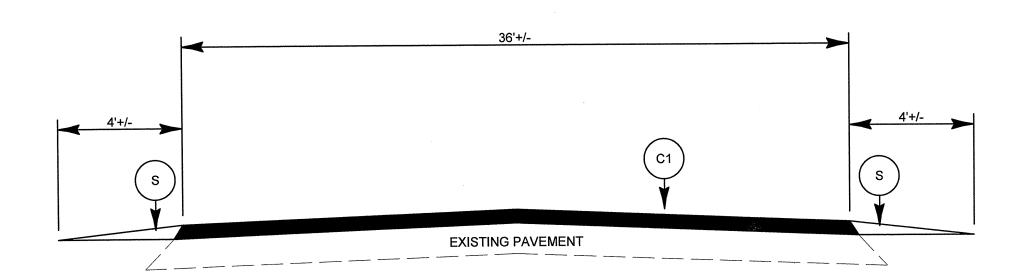


TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 2

	TROULDING.	OTILL TO:	TOTAL GILLIO
	5CR.10351.12, 5CR.20351.12	2	
	DEPTH, LENGTH & WIDTH		
	AS DIRECTED BY THE EN	GINEER	
\			
<del></del>			
<b>_</b>			
	ACBC OR ACSC AS DIRECTED BY THE EN	GINEER	
	D LOTED DT THE EN		

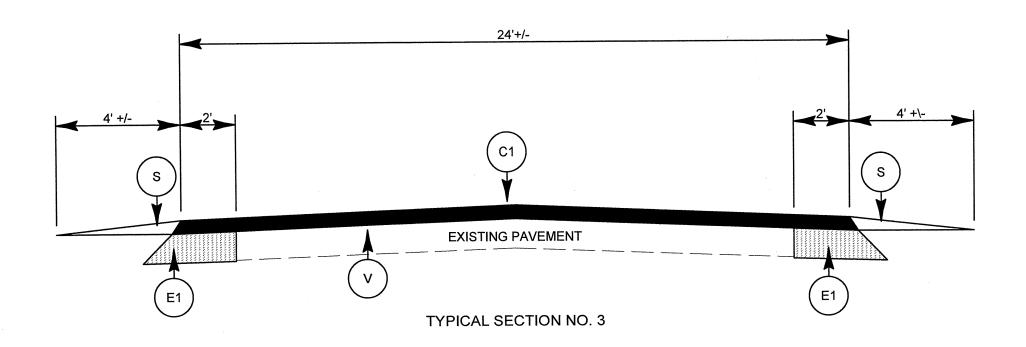
PROJECT NO.

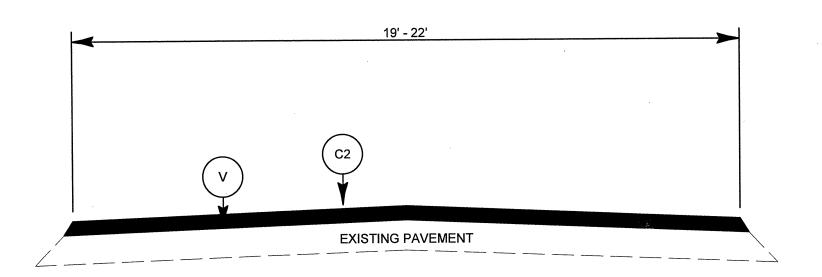
SHEET NO.

TOTAL SHEETS

PATCHING EXISTING PAVEMENT

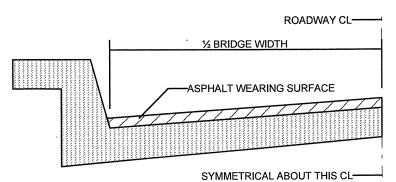
Г	
	PAVEMENT SCHEDULE
	PROP. APPROX. 1.5" OF ASPHALT
	CONCRETE SURFACE COURSE TYPE
C1	S9.5B AT AN AVERAGE RATE OF 168 LBS
	PER SQ YARD
	PROPOSED APPROXIMATE 1.5" OF
00	ASPHALT CONCRETE SURFACE COURSE,
C2	TYPE SF9.5A AT AN AVERAGE RATE OF
	165 LBS. PER SQ. YD.
	PROPOSED APPROXIMATE 1.25" OF
C3	ASPHALT CONCRETE SURFACE COURSE,
C3	TYPE SF9.5A AT AN AVERAGE RATE OF
	137.5 LBS. PER SQ. YD.
	PROP. APPROXIMATE 7" OF ASPHALT
	CONCRETE BASE COURSE, TYPE B25.0B
E1	AT AN AVERAGE RATE OF 399 LBS PER
- '	SQ YD IN EACH OF TWO LAYERS TO
	PROVIDE 2' WIDENING AS DIRECTED BY
	THE ENGINEER
s	SHOULDER RECONSTRUCTION AS
	DIRECTED BY THE ENGINEER
V	PROP. 1.5" MILLING
1	
<u></u>	





TYPICAL SECTION NO. 4

PROJECT NO.	SHEET NO.	TOTAL SHEETS
5CR.10351.12, 5CR.20351.12	3	



BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN

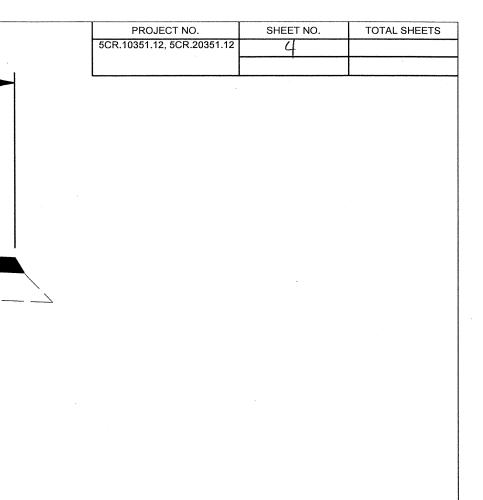
THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. THE MINIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A %", SF9.5A 1.0", S9.5X 1.5", S12.5X 2.0", ULTRATHIN HOT MIX ASPHALT-TYPE A ½", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE C ½". THE MAXIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1.0", SF9.5A 1.5", S9.5X 2.0", S12.5X 2.0", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE C ½".

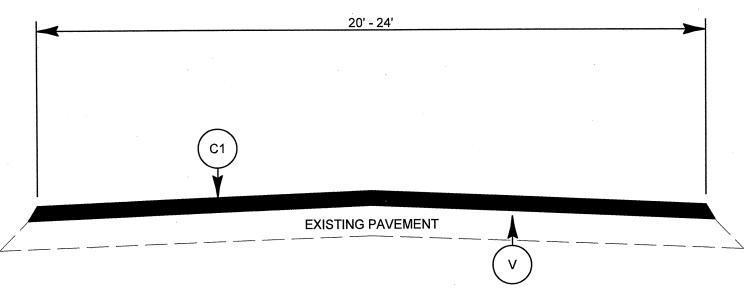
ASPHALT-TYPE C 72.

NOTES

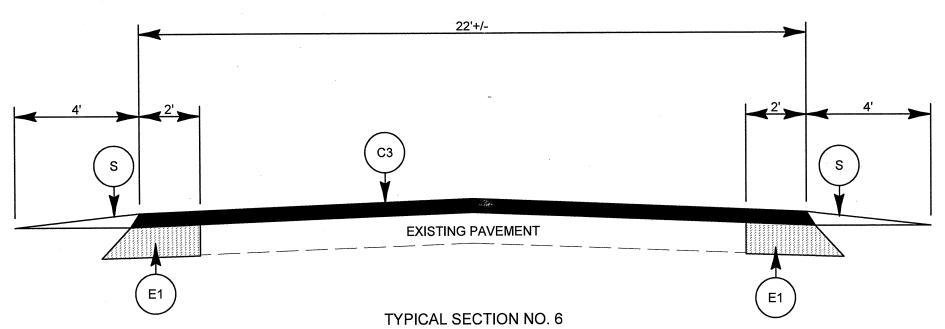
ALL UNPAVED ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE
ENGINEER.
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF

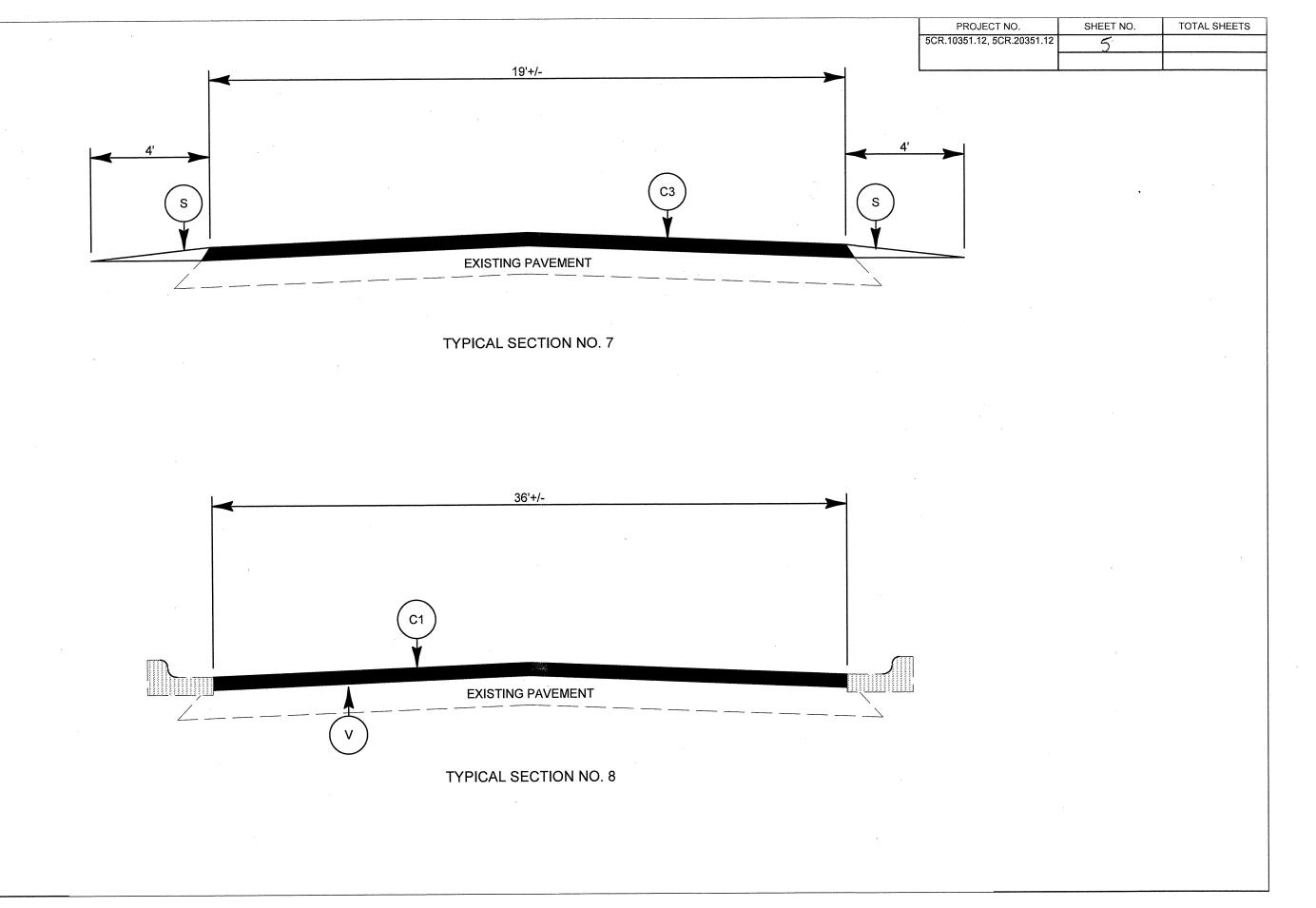
QUANTITIES.
SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE INDICATED.
BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

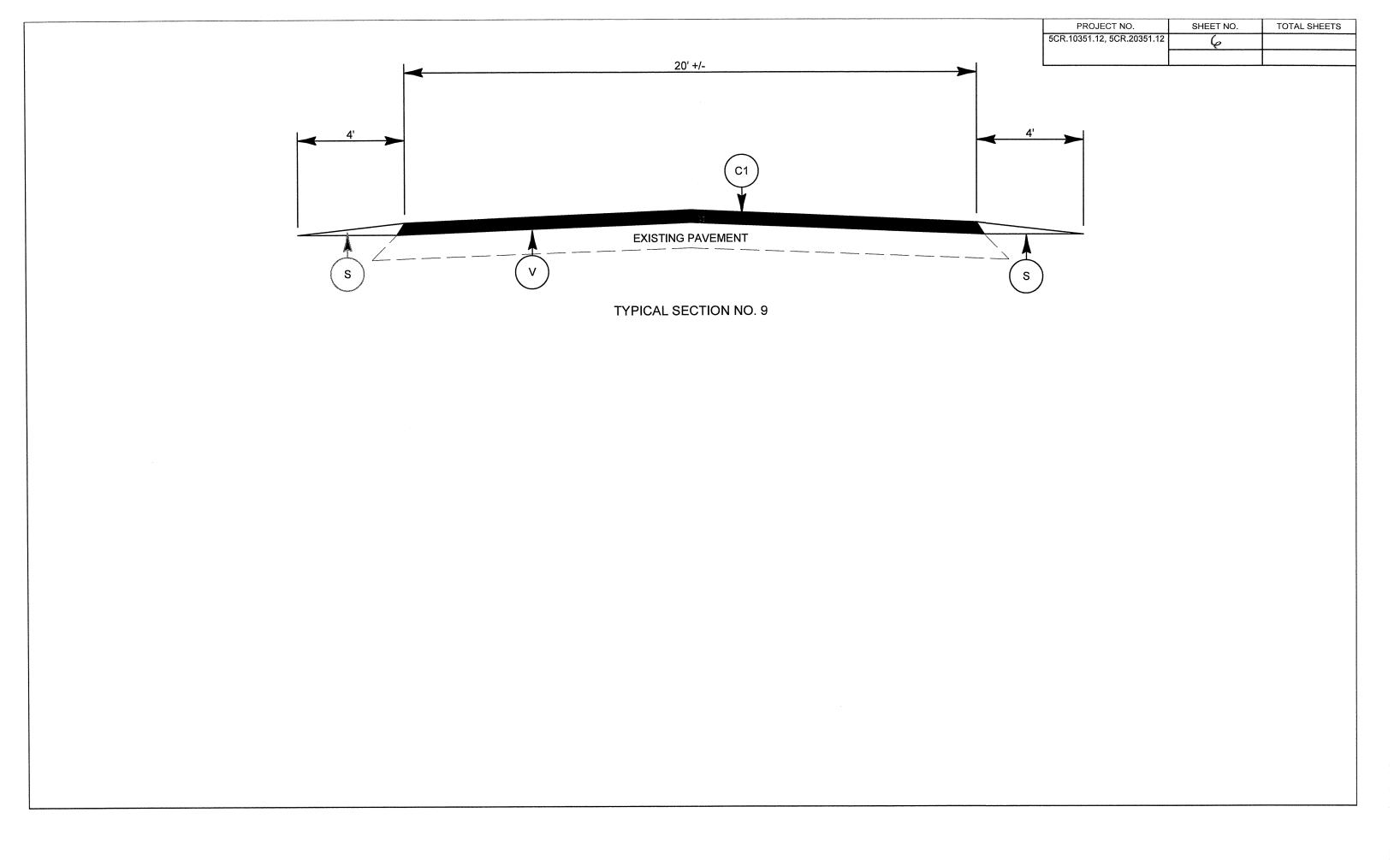




TYPICAL SECTION NO. 5







			5Cl.10351.12, etc. 7
MINIMUM TIE IN ON CITY STREETS AND COMMERCIAL DRIVES	ON CI	MINIMUM TIE IN ITY STREETS AND IMMERCIAL DRIVES BY THE ENGINEER	EXTEND LIMITS TO BACK OF SIGNAL LOOPS ON STATE MAINTAINED ROADS AS DIRECTED BY THE ENGINEER
	PROJECT LIMITS AT ALIZED Y LINES		OJECT LIMITS AT ZED Y LINES

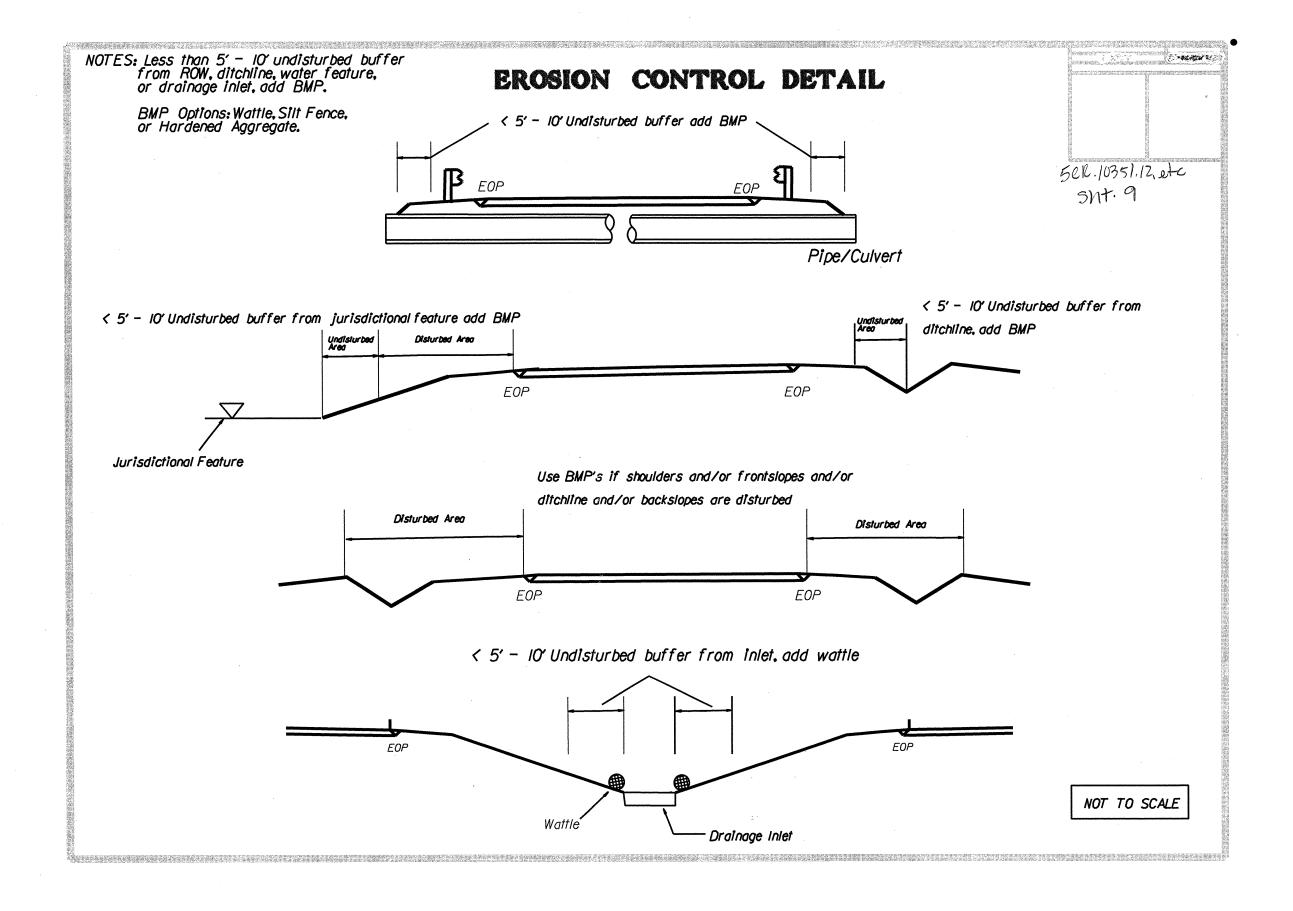
PROJECT REFERENCE NO. SHEET NO.

PROJECT REFERENCE NO.	SHEET NO.
50R. 10351.12, etc	පි

## DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

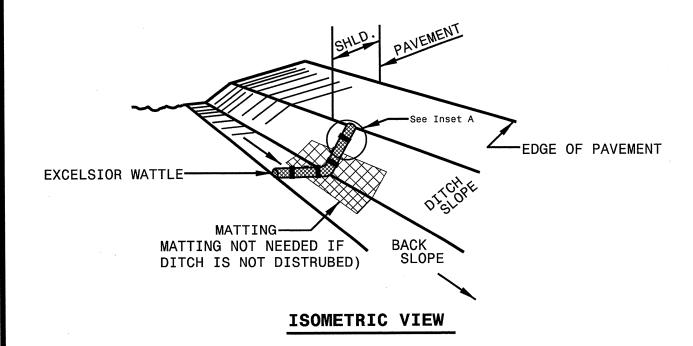
# SOIL STABILIZATION TIMEFRAMES

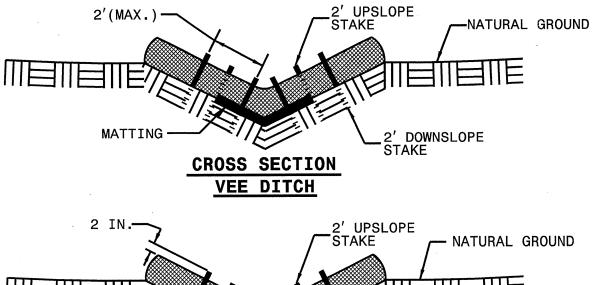
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.

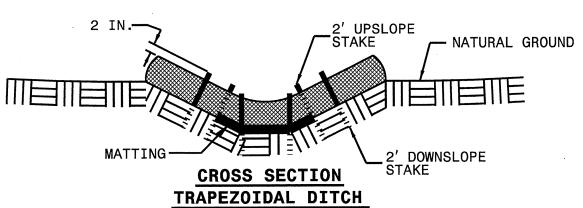


5CR. 10351,12, etc. 10

## WATTLE DETAIL







### NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

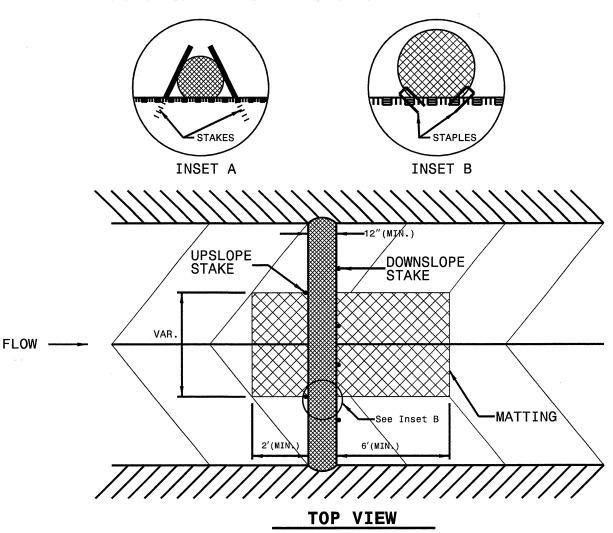
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.

IF DITCH WILL BE DISTURBED, INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



PROJECT NO.	SHEET NO.	TOTAL NO.
5CR.10351.12, 5CR.20351.12	//	

### SUMMARY OF QUANTITIES

									3	U IVI IVI	ANI	OF Q	UAN		- 3											
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING	LENGTH	WIDTH	BORROW	INCIDENTAL STONE BASE		1½" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0B	SURFACE COURSE, S9.5B	SURFACE COURSE, SF9.5A	BINDER FOR	PATCHING EXISTING PAVEMENT	ADJUST DROP INLET	ADJUST MANHOLES	ADJUST METER OR VALVE BOX	TEMPORARY SILT FENCE	WATTLE	SEED & MULCHING	LOOP	LEAD-IN CABLE (14- 2)
NO		NO			NO	REQUIRE D	MI	FT	СУ	TONS	SMI	SY	SY	TONS	TONS	TON	TON	TONS	EA	EA	EA	LF	LF	AC	LF	LF
				FROM SR 1700(FOX PARK ROAD)											6.482		389	200		62	49				4.000	
5CR.10351.12	Franklin	1	US 401/NC39	TO NC 56 (EAST NASH STREET)	1	NO	1.8	60		ļ		<u> </u>	7,500		6,482		389	200	<del>-</del>	02	49	<del> </del>			4,000	<del> </del>
		я.	tt	FROM NC 56 (EAST NASH ST.) TO SR 1262 (JUSTICE ST.)	2	NO	0.6	36	60	1	0.70		2,500		1,122		67	100		1	1					
	TOTAL	FOR P	ROJ NO. 5CR.10351.12				2.4		60	1	0.70		10,000		7,604		456	300	1	63	50				4,000	<u> </u>
	10171				-4		<u> </u>																	<b>.</b>		
				FROM NC 56 TO SR 1211 (WEST		110	2.4	24	350	24	4.80	31,116		1,900	2,853		255	100				200	100	3.48		
5CR.20351.13	Franklin	2	SR 1003 (PERRY CHAPEL ROAD)	RIVER ROAD)	3	NO	2.4	24	350	24	4.60	51,116	+	1,500	2,855	<del> </del>	233	100			-	1 200		0.10		
			CD 4746 (CTDICKI AND DD)	FROM NC 98 TO SR 1720 (OLD HALIFAX RD)	4	NO	1.83	22		18		23,619				1,960	131	50								
		3	SR 1716 (STRICKLAND RD)	FROM SR 1109 (TIMBERLAKE	+	NO	1.03	22		10		25,015				1 3,555	1									
				ROAD) TO SR 1103 (FLAT ROCK										1		1					Ì					1
		4	SR 1108 (HART ROAD)	CHURCH RD)	9	NO	2.3	20	350		4.60	26,987	1		2,281	ļ	137	100						3.33		<del> </del>
				FROM SR 1706 (M C WILDER RD)									I													1
		5	SR 1103 (CLIFTON POND RD)	TO NC 98	6	NO	2.73	22		27	5.50		1,000	3,300		2,434	308	250				200	100	2.70		<del> </del>
				FROM NC 56 TO SR 1211 (WEST	l									l	l	1										
	1	6	SR 1264 (T KEMP RD)	RIVER RD)	5	NO	1.1	24	<u> </u>	4		15,488			1,308	<b>_</b>	78	20			-					<del></del>
				FROM SR 1103(BETHLEHEM						24	6.20		2,200			2,389	160	50				400	100	3.00		
		7	SR 1101 (DARIUS PEARCE RD)	CHURCH ROAD) TO US 401	7	NO	3.1	19	885	31	6.20		2,200	-		2,309	100	1 30				100	100	5.00		<b> </b>
		8	SR 1100 (TARBORO RD)	FROM US 401 TO NC 96 IN YOUNGSVILLE	5,8	NO	6.2	24		149		89,238			7,534		452	100							720	100
	<b></b>			FROM NC 39 TO SR 1001												1										1
		9	SR 1103 (PILOT RILEY ROAD)	(PEARCES ROAD)	7	NO	2.8	19	800	67	5.60		2,000			2,157	145	20			<b>_</b>			2.80		
				FROM SR 1001 (PEARCES RD) TO								İ				1					1					1
1		"	11	SR 1724 (GAY RD)	4	NO	1.5	19	<u> </u>	15		16,720				1,388	93	20		ļ	<b></b>	ļ				
			SR 1726 (HENRY BAKER RD/ADNA	FROM SR 1721 (PERRY RD) TO													1			1	1			2.00		
		10	PEARCE RD)	WAKE CO. LINE	7	NO	1.9	19	500	46	3.80	<u> </u>	1,000	ļ	ļ	1,464	98	300		ļ	-	300		2.00		<del></del>
			SR 1002 (TRINITY CHURCH RD/DUKE VALENTINE-WINN RD)	FROM US 401 TO NC 561	7	NO	5.2	19	2,800	52	10.50		3,200			4,007	268	200						10.20		
	J	111		FROM 03 401 TO NC 361	+'-	1 100	31.06	<del>                                     </del>	5,685	433	41.00	203,168	9,400	5,200	13,976	15,799	2,125	1,210			1	1,100	300	27.51	720	100
	IOIA	LFORP	PROJ NO. 5CR.20351.12	1			31.00	1	3,003	1 433	1 .1.00	1 223,200			1 70- 0	1			<u> </u>							
			DAND TOTAL	T	T	Τ	33.46	T	5,745	434	41.70	203,168	19,400	5,200	21,580	15.799	2,581	1,510	1	63	50	1,100	300	27.51	4,720	100
L		GR	RAND TOTAL	1			33,40	L	1 3,, 43	1 757	1	1 200,200			1,					·						

### THERMOPLASTIC AND PAINT QUANTITIES

							4685000000-E	4686000	0000-E	4695000000-E	4697000000-1	4710000000-E	4725000000-Е					481000000-E		4820000000-E	0000-E 4835000000-E		4845000000-N		490000000-N		4905000000-N
PROJECT	COUNTY	MAD	ROUTE	DESCRIPTION	LENGTH			4" X 120 M				24" X 120 M		THERMO	THERMO	THERMO RT	THERMO	4" YELLOW	4" WHITE	8" YELLOW	24" WHITE	PAINT LT	PAINT STR &	PAINT RT	YELLOW &		SNOW
PROJECT	COUNTY	VIAP	KOOTE	DESCRIPTION	LLIVOIII		WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE		STR ARROW	STR & RT	ARROW	STR & LT	PAINT	PAINT	PAINT	PAINT	ARROW	RT ARROW	ARROW	YELLOW	RED	PLOWABLE
	l						THERMO	1	THERMO	THERMO	THERMO	THERMO	90 M	90 M	ARROW 90	90 M	ARROW 90								MARKERS	MARKERS	MARKERS
		1					THEMIO								M		м	ł								<i>i</i> '	1
NO	1	NO					LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA
NO		NO																								ł .	1
	1	- 1		FROM SR 1700(FOX PARK ROAD)																						í	1
5CR.10351.12	Emplin	1	US 401/NC39	TO NC 56 (EAST NASH STREET)	1.8	60		21,120	4,224		600		77	28	19	33	2										500
JCN.10331.12	1 Tarikiiri		00 102/11000	FROM NC 56 (EAST NASH ST.) TO																						į.	
		11	11	SR 1262 (JUSTICE ST.)	0.6	36	7,532	6,620	750	200				l												<b></b>	L
					2.4	1	7,532	27,740	4,974	200	600		77	28	19	33	2										500
	TOTAL	FOR PR	ROJ NO. 5CR.10351.12					32,7	14						159			<u> </u>									<u> </u>
				<u> </u>	L	J																<b>*</b>	.,		·		<del></del>
T	T			FROM NC 56 TO SR 1211 (WEST		T																				i	
5CR.20351.12	Franklin	2	SR 1003 (PERRY CHAPEL ROAD)	RIVER ROAD)	2.4	24	25,824	15,840				120						15,840	25,824		120				158	<b></b>	<b></b>
5011.20332.22	114111			FROM NC 98 TO SR 1720 (OLD									1						ł							i	1
	1	3	SR 1716 (STRICKLAND RD)	HALIFAX RD)	1.83	22	19,691	12,078										12,078	19,691				ļ			<b></b>	<b> </b>
		-		FROM SR 1109 (TIMBERLAKE																		-				1	1
1	1			ROAD) TO SR 1103 (FLAT ROCK	l	1							1													į.	
		4	SR 1108 (HART ROAD)	CHURCH RD)	2.3	20	24,748	15,180										15,180	24,748						152	<del></del>	
				FROM SR 1706 (M C WILDER RD)													1									1	
1		5	SR 1103 (CLIFTON POND RD)	TO NC 98	2.73	22	29,375	18,018		<u> </u>		1												·	180		ļ
			,	FROM NC 56 TO SR 1211 (WEST						-		1						1				l				1	
		6	SR 1264 (T KEMP RD)	RIVER RD)	1.1	24	11,836	7,260		<u> </u>		120						7,260	11,836		120				73		
				FROM SR 1103(BETHLEHEM										1	1				l							İ	
		7	SR 1101 (DARIUS PEARCE RD)	CHURCH ROAD) TO US 401	3.1	19	33,356	20,460						<u> </u>	1										205	<b></b>	
<b></b>				FROM US 401 TO NC 96 IN									1			1		1	l							1	
		8	SR 1100 (TARBORO RD)	YOUNGSVILLE	6.2	24	66,712	40,920	300	100		100	6		2	1		40,920	67,012	100	100	6	2	1	409	40	
				FROM NC 39 TO SR 1001									1		l				l							1	
		9	SR 1103 (PILOT RILEY ROAD)	(PEARCES ROAD)	2.8	19	30,128	18,480		<u> </u>						1					ļ	<b></b>			ļ	<del></del>	<u> </u>
				FROM SR 1001 (PEARCES RD) TO													1			l						1	
		н	tt	SR 1724 (GAY RD)	1.5	19	16,140	9,900								<b></b>		9,900	16,140		ļ ·	-	-		<b>↓</b>	<del> </del>	<del></del>
			SR 1726 (HENRY BAKER RD/ADNA	FROM SR 1721 (PERRY RD) TO									1						l				1			1	
1 1		10	PEARCE RD)	WAKE CO. LINE	1.9	19	20,444	12,540					<u> </u>	<b></b>	<u> </u>			ļ			ļ	<b></b>	<del> </del>		<b></b>	<del> </del>	
			SR 1002 (TRINITY CHURCH RD/DUKE				1						1													1	
		11	VALENTINE-WINN RD)	FROM US 401 TO NC 561	5.2	19	55,952	34,320				-			<del></del>			100.477	400.000		240	6	2		1,177	40	-
	TOTAL	EOR D	ROJ NO. 5CR.20351.12		31.06		334,206	204,996		100	-	340	6		2	1 1		101,178	165,251	100	340	<del>  6</del>	9	<u> </u>		217	+
	IOIAL	ONF		<u></u>		1	L	205	,296	<u> </u>			<u> </u>		9			266	,429	L	L	L	9		1	-11/	L
					T	<del></del>		1		7 200		240	83	7 30	21	34	T 3	101,178	165,251	100	340	T 6	2	1	1,177	40	500
		GR	AND TOTAL		33.46	<del> </del>	341,738	232,736		300	600	340	83	28	168	34	1 2		, 103,231 5,429	100	340	<del>                                     </del>	9			217	1
İ		2			1		<u> </u>	238	,010						700			1 200	,,,,,,	1	L				· · · · · · · · · · · · · · · · · · ·		

