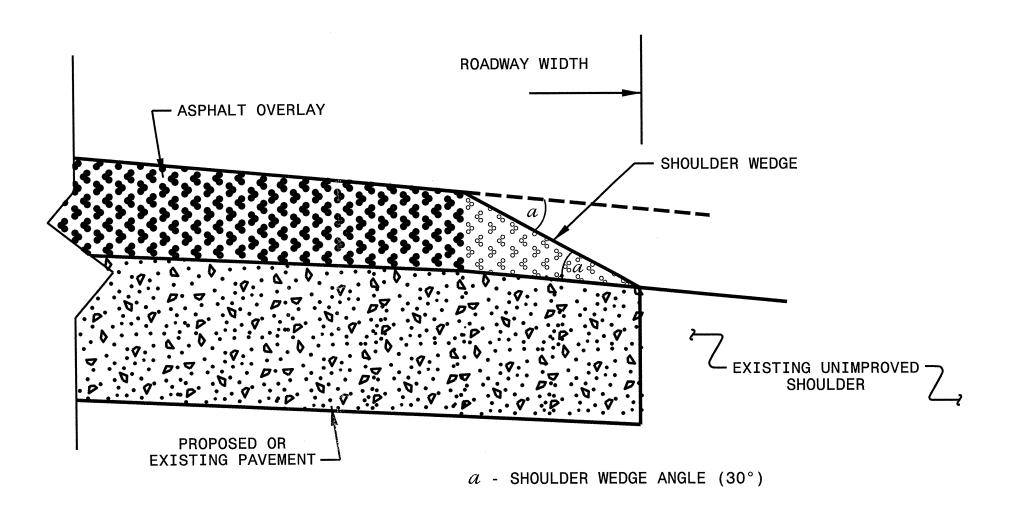


5C.0921.44 5Cb.26921.39



SHOULDER WEDGE DETAIL

SHOULDER WEDGE DETAIL

ORIGINAL BY: DATE: MODIFIED BY: DATE: CHECKED BY: DATE: FILE SPEC:

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 IO'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	I4 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.

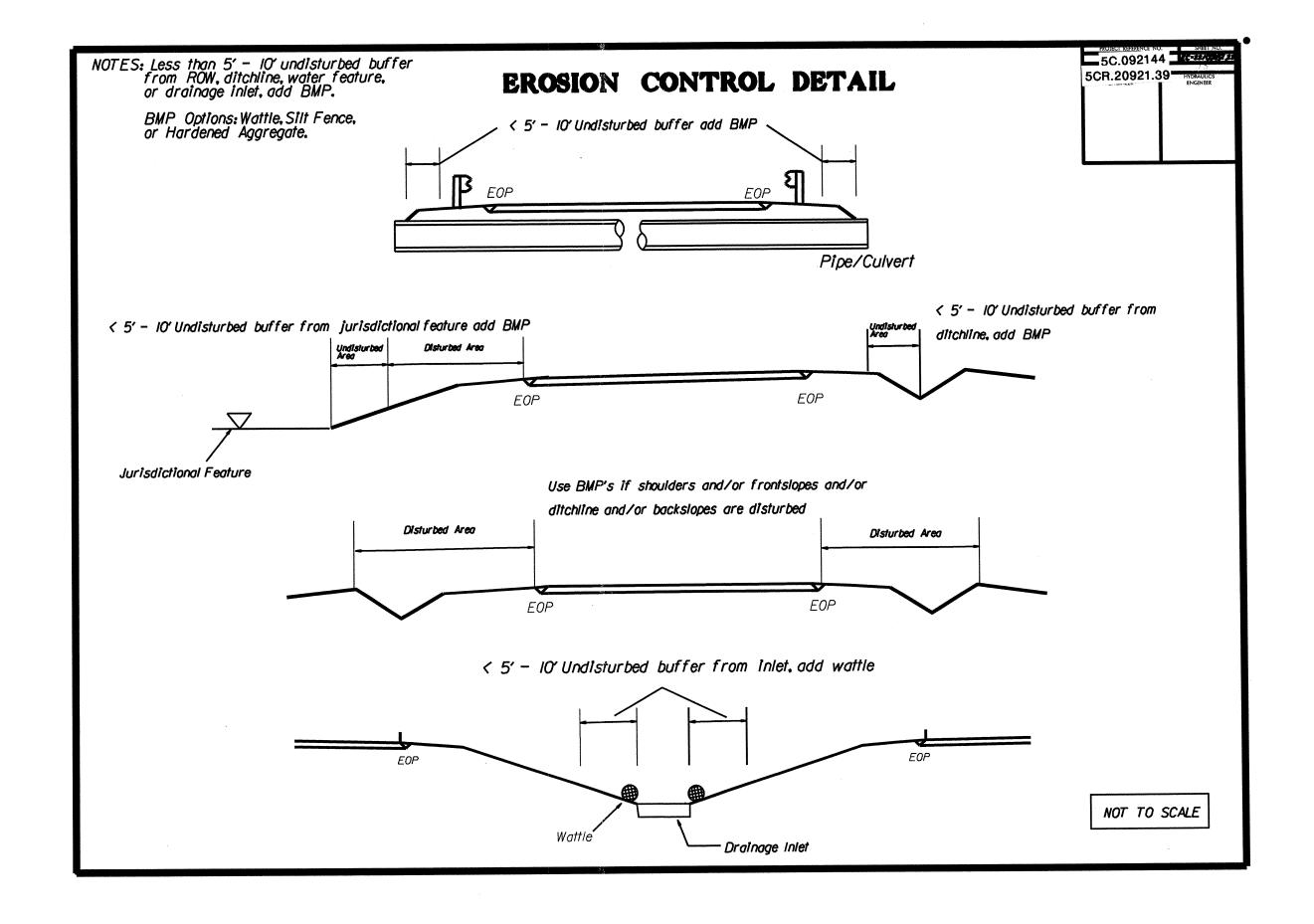
PROJECT NO.	SHEET NO.	TOTAL NO.
5C.092144, 5CR.20921.39	11	

SUMMARY OF QUANTITIES

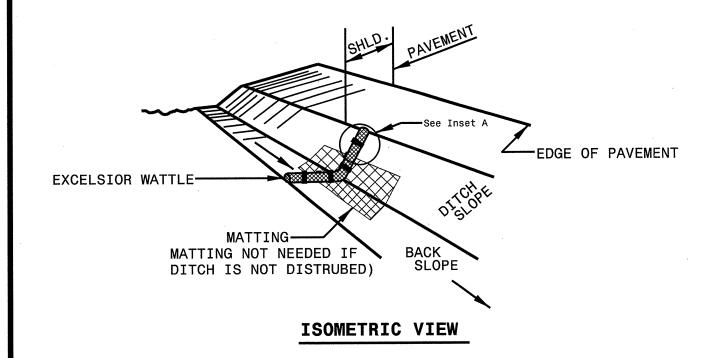
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	FINAL	SHOULDER	LENGTH	WIDTH	BORROW	SHOULDER	INCIDENTAL	2.5" MILLING	0" TO 1.5"	INCIDENTAL	BASE	INTER-	SURFACE	ASPHALT	PATCHING	FULL DEPTH	3	ADJUST	TEMPORARY	WATTLE	SEED &	INDUCTIVE
FROJECI	1000					SURFACE	WEDGE				GRADING	STONE BASE		MILLING	MILLING	COURSE,	MEDIATE	COURSE,	BINDER FOR		RECLAMATIO	MANHOLES	METER OR	SILT FENCE		MULCHING	LOOP
	1					TESTING										B25.0B	COURSE,	\$9.5B	PLANT MIX	PAVEMENT	N		VALVE BOX				1
	ł	1 1		1		REQUIRED									-		119.0B										1
NO		NO			NO			MI	FT	CY	SMI	TONS	SY	SY	SY	TONS	TONS	TONS	TON	TONS	SY	EA	EA	LF	LF	AC	LF
		1		FROM SR 1127 (NEW HILL															1		1	1					1
				HOLLEMAN) TO CELL TOWER DRIVE		1													1			ł	1				1
5C.092144	Wake	1 1	SR 1134 - SHEARON HARRIS	ON RT.	1	NO	YES	1.64	22	656	3.28	164			325		3,373	1,982	281		24,270	ļ				ļ	
				FROM CELL PHONE TOWER DRIVE TO														2.550	200		25.444						1
		2	SR 1134 - SHEARON HARRIS	RECLAMATION DRIVE	1	NO	YES	1.85	22	739	3.69	185			250		3,674	2,158	306		26,441	 	ļ	ļ			
	1	1		FROM RECLAMATION RD TO SR 1011								1						242			4,224						1
		3	SR 1134 - SHEARON HARRIS	(OLD US 1)	1	NO	YES	0.3	22	120	0.60	30			200		585	343	49	ļ	54,935	 	 				
	TOTAL	OR PRO	J NO. 5C.092144			<u> </u>	<u></u>	3.79	<u> </u>	1,515	7.57	379	L		775	L	7,632	4,483	636	L	54,935	J	L	1		L	
										·		·				Γ	т	·		r	T	1	Τ			Τ	Г
	T	T		FROM SR 1160 (OLIVE CHAPEL RD)			İ								117		1	1,769	106	300				206	520	2.06	228
5CR.20921.39	Wake	4	SR 1162 - APEX BARBECUE RD	TO SR 1163 (KELLY RD)	2	NO	NO	1.42	21-35	284	2.84	142	ļ		117		 	1,769	106	300	 	-	 	200	320	2.00	220
		1 1				İ		1	ł								1									1	1
	1	1 1		FROM SR 1601 (JENKS RD) TO SR						}							1	ì		1		1					1
				1600 (GREEN LEVEL CH RD) -							2.02		10,282	258	265		1,559	1,270	151	100		1	2	148	370	1.48	1
		5	SR 1608 - ROBERTS RD	EXCLUDE AREA AT WESTERN WAKE	3&4	NO	NO	1.07	20-32	203	2.03		10,202	236	203		1,333	1,2,0	+	100	 	+		1.5			
		1 1		FROM GREEN LEVEL W TO WEST OF	_			4	20.24	310	3.10	155			530	567	1	2,551	178	200			1	225	570	2.25	1
		6	SR 1600 - GREEN LEVEL CH RD	GREEN HOPE	2	NO	NO	1.55	20-34	310	3.10	133			330	1 307	+	2,551	 	t	 	 	† -			1	
	1	1 1		FROM CHATHAM CO TO JAMERSON			NO	1.25	20-54	269	2.70	135	9,082	85	214	İ	1,359	2.149	194	200		1	3	195	490	1.96	1
			SR 3120 - MORRISVILLE PKWY	RD	3&4	NO	NO	1.35 5.39	20-54	1,066	10.67	432	19,364	343	1.126	567	2,918	7,739	629	800	1	1	6	774	1,950	7.75	228
	TOTAL FO	DR PROJ	NO. 5CR.20921.39	L		J	J	3.39	I	1 1,000	1 10.07	1 432	25,504				1 -,	1		·		·	·····	<u> </u>	L		
				г		T		9.18		2.581	18.24	811	19.364	343	1.901	567	10,550	12,222	1,265	800	54,935	1	6	774	1,950	7.75	228
		GRANE	O TOTAL	l		1	1	3.10	<u> </u>	1 2,301												·	******		·		•

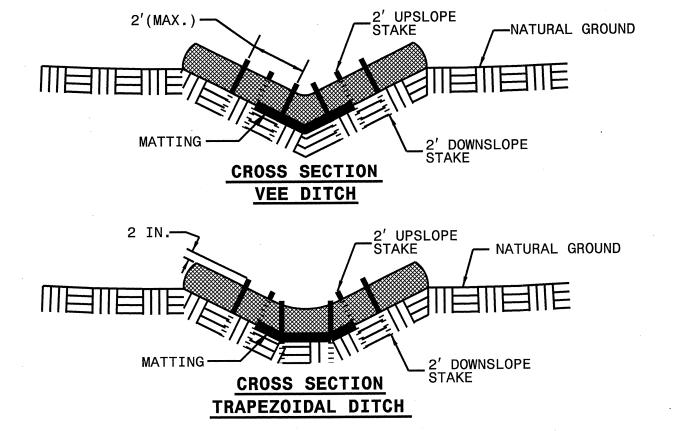
THERMOPLASTIC AND PAINT QUANTITIES

							4399000000-N	4685000000-E	46860	00000-E	46950	00000-E	4705000000-E	4710000000-E	472100	0000-E	47250	00000-E	4770	000000-E	481000			4830000000-	E 4835000000-E	4840000000-N	4850000000-E	4900	000000-N
PROJECT	COUNTY		ROUTE	DESCRIPTION	LENGTH	WIDTH	TEMPORARY	4" X 90 M		4" X 120 M	8" X 90 M	8" X 90 M	16" X 120 M	24" X 120 M	THERMO	THERMO	THERMO LT	THERMO RT	4" WHITE	4" YELLOW	4" WHITE	4" YELLOW	8" WHITE	16" WHITE	24" WHITE	PAINT MSG	4" LINE	CRYSTAL	YELLOW 8
PROJECT	COOKIT	MAF	ROOIL	DESCRIPTION			TRAFFIC	WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE	RXR 120 M	MSG ONLY	ARROW	ARROW 90	COLD	COLD APPLIED	PAINT	PAINT	PAINT	PAINT	PAINT	RXR	REMOVAL	& RED	YELLOW
	1 1	- 1					CONTROL	THERMO	THERMO	THERMO	THERMO	THERMO	THERMO	THERMO		120 M	90 M	M	APPLIED	PLASTIC, TYPE		ĺ		1				MARKERS	MARKERS
	1 1									ļ				l				1	PLASTIC,	III				1					1
	1 1						1				l				İ			1 1	TYPE III			l						1	1
NO	١,	NO					LS	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	EA	LF	EA	EA
NO	 	1		FROM SR 1127 (NEW HILL			1	1												1	İ								1
	1 1			HOLLEMAN) TO CELL TOWER DRIVE						1	l		ŧ		1		İ	1											1
5C.092144	Wake	,	SR 1134 - SHEARON HARRIS	ON RT.	1.64	22	0.22	17,318	16,605	220	185							<u> </u>			17,538	16,605	185					20	129
30.032144	Wake	-+		FROM CELL PHONE TOWER DRIVE TO														1 1										1	
	1 1	2	SR 1134 - SHEARON HARRIS	RECLAMATION DRIVE	1.85	22	0.24	19,084	16,686	68	180	<u> </u>	<u> </u>	<u> </u>					416	416	19,152	16,686	180	<u> </u>			832	20	126
	 	-+		FROM RECLAMATION RD TO SR 1011										İ	İ		1												20
	1 1	3	SR 1134 - SHEARON HARRIS	(OLD US 1)	0.3	22	0.04	3,168	3,168		<u> </u>	ļ	100	72	4		ļ	-		 	3,168	3,168	365	100.00	72	4		 	275
	TOTAL FOR PROJ NO. 5C.092144				3.79		0.50	39,570	36,459	288	365	<u> </u>	100	72	4	<u> </u>	 		416	832	39,858	36,459 317	365	100	72	4	832	40	315
	TOTAL FOR	(PROJ	1 NO. 5C.092144			<u> </u>	<u> </u>	<u> </u>	36	,747	1 3	165	L	<u> </u>	l	4	<u> </u>			834	/6,	,317				L		<u></u>	313
								·						7	т	Т		TT		T	Ι	Τ	Т	T	T	·		т	Γ
				FROM SR 1160 (OLIVE CHAPEL RD)			1		1		1	100		1	1	İ	,						1					15	118
CR.20921.39	Wake	4	SR 1162 - APEX BARBECUE RD	TO SR 1163 (KELLY RD)	1.42	21	0.08	14,995		198	ļ	100	 	 	 		 	+		 	<u> </u>	 		 	-			 	
	1 1			FROM SR 4504 (IFAIRS RR) TO SR			1		1		1					1	İ			1		İ			Į.				1
	1 1			FROM SR 1601 (JENKS RD) TO SR		Ī		1	1		1			ĺ							ļ	ł			1				
	1 1	_	SR 1608 - ROBERTS RD	1600 (GREEN LEVEL CH RD) - EXCLUDE AREA AT WESTERN WAKE	1.07	20	0.12	11,300	12,430	128		142	Ì	l	1		1				9,100	9,100						10	92
	 		SK 1608 - ROBERTS RD	FROM GREEN LEVEL W TO WEST OF	1.07	1	+	1 22,000	1 22,100	 	†	<u> </u>		1									1						
	1 1	ا ۽	SR 1600 - GREEN LEVEL CH RD	GREEN HOPE	1.55	20	0.14	16,368	19,590	500	İ	300					4	2				l						25	130
	1	" +	3K 1000 - GREEN ELVEL CITRO	FROM CHATHAM CO TO JAMERSON		 		1	1	1																	-	İ	1
	1 1	7	SR 3120 - MORRISVILLE PKWY	RD.	1.35	20	0.15	14,204	17,116	567	170	500	ĺ			8	3	3			8,176	8,176						41	150
					5.39	1	0	56,867	49,136	1,393	170	1,042				8	10	5			17,276	17,276				ļ		91	490
	TOTAL FOR	PROJ N	NO. 5CR.20921.39				1		50	0,529	1	,212	L	<u> Landania</u>	1	8	15				34,552			.1		L	<u> </u>	<u> </u>	581
																·								1		r		T 434	T 765
					9.18		1	96,437	85,595	1,681	535	1,042	100	72	4	8	10	5	416	416	57,134	53,735	365	100	72	4	832	131	765
GRAND TOTAL			1	}			8	7.276	1 1	.577	1	1	1	12 15			832 110,869				1	ı	1	I		1	896		



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.

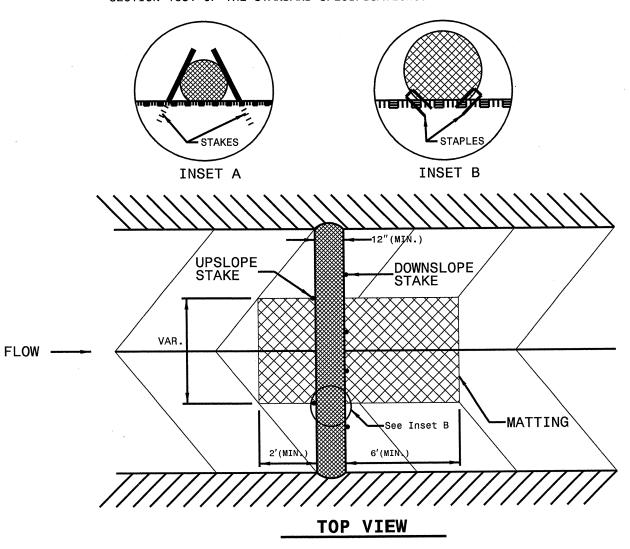
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

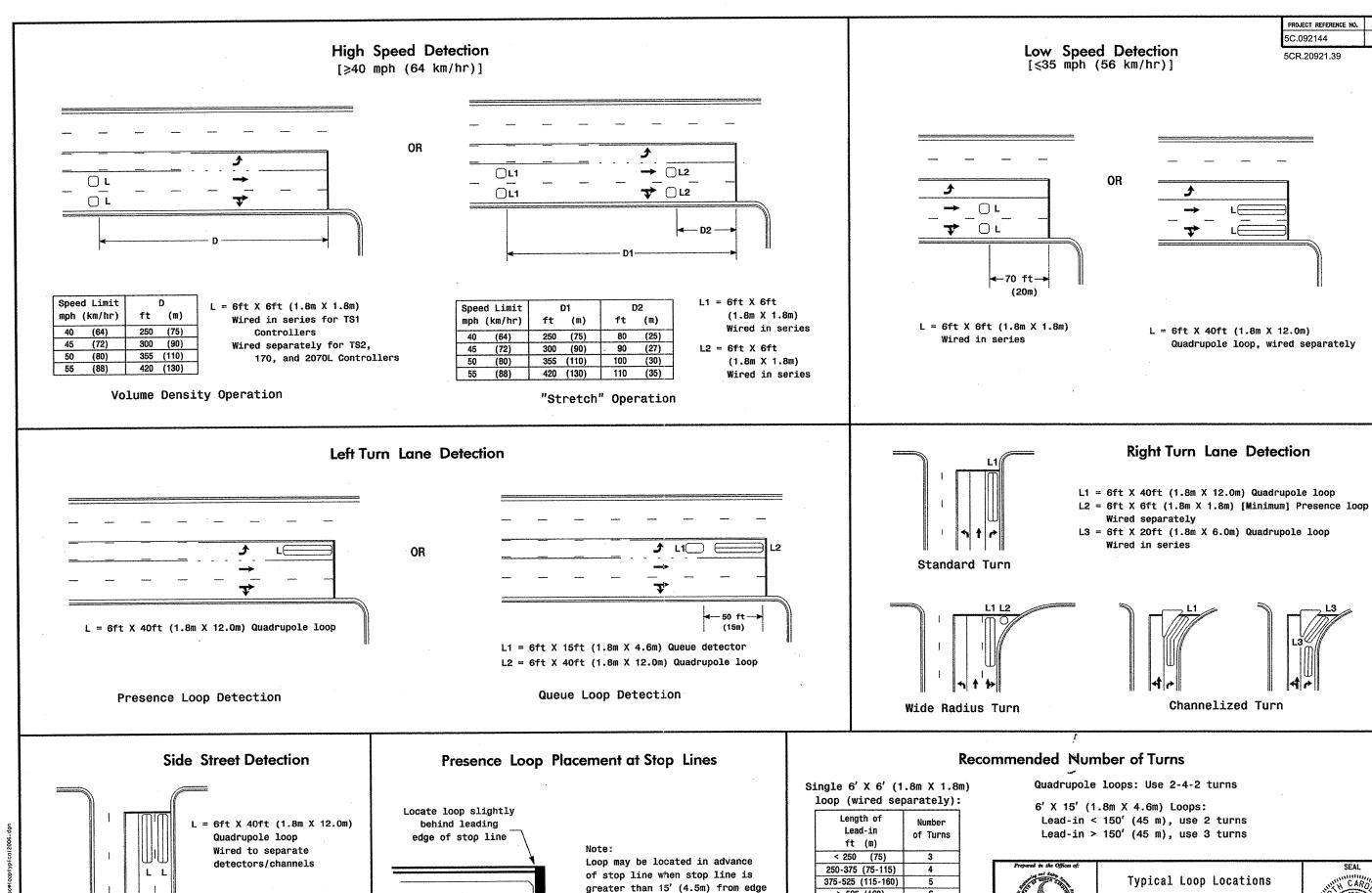
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

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.





of intersecting roadway; or, when loop detects a permissive or protected/permissive left turn.

--- Inductive Loop

> 525 (160)

PLAN DATE: JUNE 2006 REVIEWED BY: PREPARED BY: P L Alexander REVIEWED BY:

N/A

INIT. DATE

PROJECT REFERENCE NO.

5C.092144

5CR.20921.39

SHEET NO. SIG 1