

PROJECT NO.	SHEET NO.	TOTAL NO.
11CR.10861.18, 11CR.20861.18	9	
11CR.10991.18, ETC.	"	

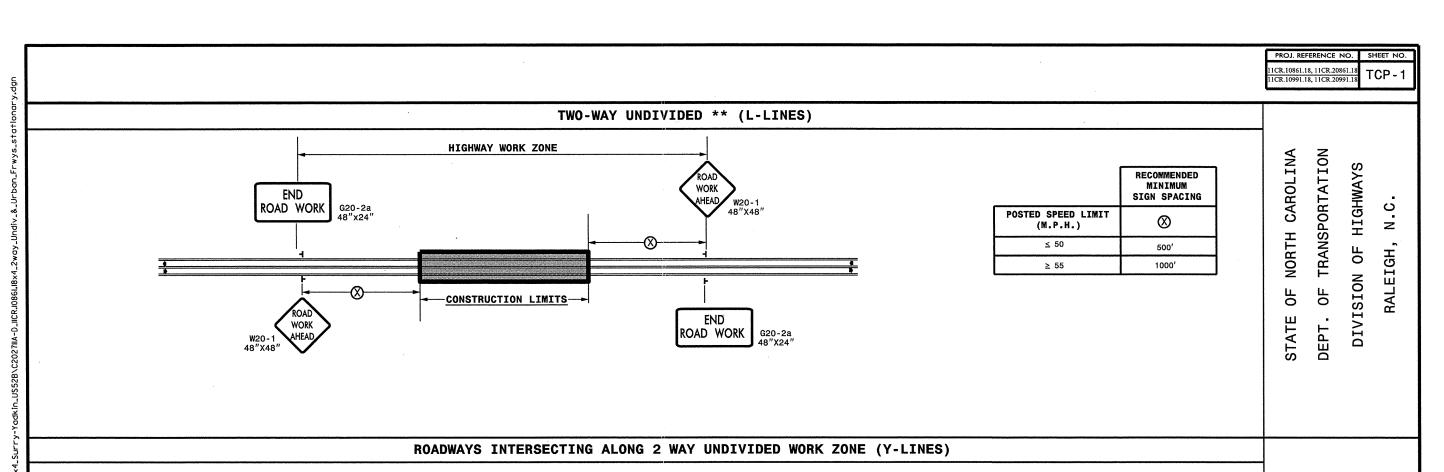
SUMMARY OF QUANTITIES

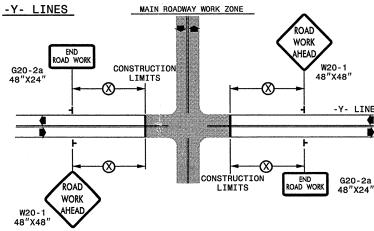
PROJUCT COLUMN FAM ROUTE DESCRIPTION TO PROJUCT SUPERIOR SUPERIOR TO ALL OF AUL OF AU) IAI IAI							Launnaan		I == -: -=		T	1 15: 65		
NO NO FIGURIAGE NAME NO FIGURIAGE	PROJECT (COUNTY	MAP RC	OUTE	DESCRIPTION	TYP		LENGTH	WIDTH	BORROW							1	1	l	l .	SEED &	INDUCTIVE
MO							TESTING				STONE BASE		MILLING	MILLING			PLANT	1	MANHOLES	1	MULCHING	LOOP
FROM RESIDENCE SECOND FROM RESIDENCE FROM RESIDEN							REQUIRED					UCTION			S9.5B	SF9.5A	MIX	BASIN		VALVE BOX		
TOTAL FOR MAP NO. 1 US CALIBURGES PROCESS OF MACHINE 1 US CALIBURGES US	NO I		NO			NO		МІ	FT	CY	TONS	SMI	SY	SY	TONS	TONS	TONS	EA	EA	EA	AC	LF
110R 109114 249 1 12 S 2 9 18 NS					FROM NORTH INTERSECTION					1												
1000 1000		- 1																				
TOTAL EOR MAPN 0.1 TOTAL FOR MAPN 0.2	4400 40064 40	C	4 100 50 5	1		4	NO I	0.63	21	190	22	1.26			860		52	1	2		0.75	
PROS. SEC. PROC. PROC. SEC. PROC. P				OSINESS	PAIGE STREET		NO						 	 				ļ	 		0.75	
2 US CO BLUSHISTS VETERAL PINCE 3 NO 0.53 34 159 15 1.26 2.500 1.000 69 2 3	10	TAL FOR	MAP NO. 1					0.63		189	32	1.26	ļ	<u> </u>	800		52	 			0.75	
Colored Colo											1				1			Į				
TOTAL FOR MAP DO: 2 SUBSPICES PROW SRIDGE AT VETERANS 4 NO 0.55 50 50 50 50 50 50 50		l			PAIGE STREET TO BRIDGE AT										l							
TOTAL FOR MAP NO. 2 S USS PRANCES FROM BEDDER AT VETERAN'S 4 NO 051 5 S			2 US 52 E	BUSINESS	VETERAN'S PARK	3	NO I	0.63	34	189	16	1.26	2,500		1,100		66		2	3	0.75	
TOTAL FOR MAP DO. 3 S	TO	TAL FOR												<u> </u>				†	2		0.75	
S USS 2 DUSINESS PARK TO SR 1708 4 NO 0 0.51 30 9.550 950 57 4 7 0		TALION	11171 110.2		EDOM BRIDGE AT VETERANIS					+	 	 	 	 	 		 	 	 	 	1	
TOTAL FOR MAP NO. 8 FROM DAY MILES WEST SR 1907 NO. 33.09 11 1/167 155 77.78 4.000 369 87. 4 7 8						١.		0.54	00			1	0.500		050		E-7	1 .				200
TOTAL FOR MAP NO. 26				SUSINESS	PARK 10 SR 1708	4	NO		30		ļ	ļ		<u> </u>				1 4	 		-	
	ТО	TAL FOR	MAP NO. 3					0.51					9,500	<u> </u>	950		57	4	7	6		200
TOTAL FOR NAM NO. 4 TOTAL FOR NAM NO. 4 TOTAL FOR NAM NO. 4 TOTAL FOR NAM NO. 5 TOTAL FOR NAM NO. 6 TOTAL					FROM 0.94 MILES WEST SR 1607	l												İ		İ		
TOTAL FOR RIPO NO. TOKE 1987.14 5,868 1,468 198 16,39 12,800 7,716 427 4 11 9 1107 2001 158 2019 FROM SR 1003 TO SR 2019 FROM SR 1003 TO SR 2019 FROM SR 2003 TO SR 2019 FROM SR 2003 TO SR 2019 TOTAL FOR MAP NO. 5 1 1 1 1 1 1 1 1 1			4 N	C 89	TO 300' WEST SR 1345	1	NO	3.89	21	1,167	150	7.78	•	į.	4,200		252		1		4.70	
TOTAL FOR REQUISED TORS 188 2010 FROM SET 1000 TO SET 2011 FROM SET 2015 R 2011 FRO	TO	TAL FOR	MAP NO. 4					3.89		1.167	150	7.78			4.200		252				4.70	
TOTAL FOR MAP NO. 6 ST. 2019 FROM SR 1003 TO SR 2033 5 NO 0.98 22 254 1100 1.96 1.000 65 1.000 65 1.000 65 1.000 1.96 1.000 1.96 1.000 1.96 1.000 1.96 1.000 1.96 1.000 1.96 1.000 1.96 1.900 1.96 1.900 1				1 10		 							12 000					4	11	9	6.20	200
TOTAL FOR MAP NO. 6 SR 1033	TOTALTO	IX FIXOU	10. 11012.1000	1.10	L	J		0.00		1 1,070	1 100	1 10.00	1 12,000	L	1 2,110	L	1 727	<u> </u>	·		1 0.20	
TOTAL FOR MAP NO. 6 SR 1033	4400 00004 151					т =		0.00		1 004	1 400	T 4.00	T	T	T 4.000		T CE	т	T	T	1 400	T
S S 1003				2019	FROW SK 1003 TO SR 2031	1 5	I NO		22				 	 				_	_	ļ	1.20	ļ
TOTAL FOR MAP NO. 8 TOTAL FOR MAP NO. 1 TOTAL FOR MAP NO. 1 TOTAL FOR MAP NO. 7 TOTAL FOR MAP NO. 1 TOTAL FOR MAP NO. 1 TOTAL FOR MAP NO. 7 TOTAL FOR MAP NO. 1	TO	TAL FOR														<u> </u>		<u> </u>			1.20	
1 7 SR 2164			6 SR	1003	FROM SR 2258 TO SR 2029	2	NO	2.03	24	609	100	4.06					153				2.40	
1 7 SR 2164	ТО	TAL FOR				Γ		2.03		609	100	4.06			2,550		153				2.40	
TOTAL FOR MAP NO. 7 S S S S S S S S S				2164	FROM SR 2000 TO SR 2116	2	NO	0.44	24	132			<u> </u>				33				0.53	1
		TAL EOD		210-7	11(011) 01(2000 10 01(2110	+-					 		 						 	<u> </u>	0.53	
TOTAL FOR MAP NO. 8 19 SR 2405 FROM US 52 TO SR 1394 2 NO 0.69 24 267 100 1.78 1.120 75 1 1 1.00 75 1 1 1.00 1.78 1.120 1	10	TAL FOR		0110	EDOM OD 0404 TO 110 FO	 _			05		 		 	4 5 4 2		-		 		 	0.60	425
9 SR 2406 FROM US 52 TO SR 1394 2 NO 0.59 24 257 100 1.78 1.250 75 1				2116	FROM SR 2164 10 US 52	1 6	NO		25									↓		ļ		
TOTAL FOR MAP NO. 9 TOTAL FOR MAP NO. 9 TOTAL FOR MAP NO. 10 TOTAL FOR MAP NO. 11 TOTAL FOR MAP NO. 11 TOTAL FOR MAP NO. 12 TOTAL FOR MAP NO. 13 TOTAL FOR MAP NO. 13 TOTAL FOR MAP NO. 15 TOTAL FOR MAP NO. 16 TO	ТО	TAL FOR												1,543						<u> </u>	0.60	425
TOTAL FOR PROJ NO. 11CR 20981.18			9 SR	2406	FROM US 52 TO SR 1394	2	NO I	0.89	24	267	100	1.78			1,250		75	İ		1	1.04	
TOTAL FOR PROJ NO. 11CR 20981.18	TO	TAL FOR	MAP NO. 9					0.89		267	100	1.78			1,250		75	1		1	1.04	
11CR,10991,18 Yaddin 10 NC 67 S00 WEST OF SR 1546 TO 300 WEST OF SR 1546 TO 0.68 174 32 1.16 675 40 11 NC 67 S00 WEST OF SR 1546 TO 0.68 174 32 1.16 675 40 11 NC 67 S00 WEST OF SR 1546 TO 0.68 174 32 1.16 675 40 11 NC 67 S00 WEST OF SR 1546 TO 0.4 36 120 50 0.80 780 47 120 12				1 12		 							†	1.543				1	***************************************	1	5.77	425
11 NC 67 300 WEST OF SR 1548 5 NO	TOTALTO) () () () () () () () () () (10. 11011.2000	1.10	<u> </u>	J	1	1.00	L	1 1,1-10		1		1 .,,, .,	1 0,200	<u> </u>				<u> </u>		1
11 NC 67 300 WEST OF SR 1548 5 NO	<u></u>		,		L EDOM SOLMIEGT OF OD 4545 TO		r		r		T		T	1	1	T	T	T		1	1	T
TOTAL FOR MAP NO. 10 11 NC 67 FROM 3007 WEST OF SR 1548 TO 0.58 174 32 1.16 676 40 11 NC 67 600° EAST OF SR 1549 9 NO 0.4 38 120 50 0.80 780 47 12 NC 67 FROM 600° EAST OF SR 1549 TO 0.4 120 60 0.80 780 47 12 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 68 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 13 NC 67 FROM 600° EAST OF SR 1548 TO 0.9 22 270 50 1.80 1.100 66 14 15 SR 1146 FROM END OF CURB 8 GUTTER 0.9 1.680 1.680 1.684 2.22 10.86 300 6.255 375 11 15 SR 1146 FROM END OF CURB 8 GUTTER 0.12 22 383 2.42 1.325 86 5 10 TOTAL FOR MAP NO. 14 FROM SR 1146 TO SR 1144 8 NO 1.53 22 459 100 3.06 1.710 111 1 1 1 1 1 1 1 1						l _											1	1	1			
11				C 67	300' WEST OF SR 1548	5	NO		22											<u> </u>	0.70	
11	TO	TAL FOR	MAP NO. 10					0.58		174	32	1.16			675		40				0.70	
11					FROM 300' WEST OF SR 1548 TO	T																
TOTAL FOR MAP NO. 11			11 N	C 67		1	NO	0.4	36	120	50	0.80			780		47	1		1	0.45	400
12	TO	TAL EOD				ऻ ⊸										<u> </u>		1	 	<u> </u>	0.45	400
12	10	IALION	MAP NO. 11		EDOM 600' EAST OF SD 4540 TO	╂	<u> </u>	V.7		120	 	0.00	 	-	+	 	 		 	 	+	100
TOTAL FOR MAP NO. 12 13						۱ ـ	110		۰	070		4.00			4 400		00				1.08	
13				<u>C 67</u>	600 EAST OF SR 1545	1 2	NO		22							 			_			
13	TO	TAL FOR	MAP NO. 12					0.9		270	50	1.80	<u> </u>		1,100	<u> </u>	66				1.08	
TOTAL FOR MAP NO. 13 TOTAL FOR MAP NO. 13 TOTAL FOR PROJ NO. 11CR.10991.18 TOTAL FOR PROJ NO. 11CR.10991.18 TOTAL FOR PROJ NO. 11CR.10991.18 TOTAL FOR MAP NO. 14 TOTAL FOR MAP NO. 14 TOTAL FOR MAP NO. 14 TOTAL FOR MAP NO. 14 TOTAL FOR MAP NO. 14 TOTAL FOR MAP NO. 15 TOTAL FOR MAP NO. 16 TOTAL FOR MAP NO. 17 FROM SC 1314 TO US 601 10 NO 0.83 21 249 50 1.66 TOTAL FOR MAP NO. 17 FROM SC 1314 TO US 601 TO YADKINVILLE 12 NO 0.29 24 87 25 0.58 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 19 TOTAL FOR MAP NO. 19					FROM 600' EAST OF SR 1545 TO						1						1	1			1	
TOTAL FOR MAP NO. 13 TOTAL FOR MAP NO. 13 TOTAL FOR MAP NO. 15 TOTAL FOR MAP NO. 15 TOTAL FOR MAP NO. 16 TOTAL FOR MAP NO. 17 FROM SR 1344 TO US 601 10 NO 0.83 21 249 50 1.66 TOTAL FOR MAP NO. 17 FROM SR 1344 TO US 601 TO SO NORTH OF NO 67 TO 50 NORTH OF NO 67 TO 50 NORTH OF SR 1619 11 NO 0.51 20 153 50 1.02 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 18 TOTAL FOR MAP NO. 19 TOTAL FOR MAP NO. 19 TOTAL FOR MAP NO. 19 TOTAL FOR MAP NO. 19 TOTAL FOR MAP NO. 19 TOTAL FOR MAP NO. 19			13 N	C 67	FORSYTH COUNTY LINE	7	NO	3.6	20	1,080	150	7.20		300	3,700		222	1			4.30	
TOTAL FOR PROJ NO. 11CR.10991.18 11CR.20991.18 Yadkin 14	TO	TAL FOR	MAP NO. 13			1		3.6		1.080	150	7.20		300	3,700		222				4.30	
11 12 13 14 14 15 14 14 14 15 14 15 14 15 14 15 15				11 12		 					282		1		6.255						6.53	400
11 11 12 13 14 14 14 15 14 14 14 14	TOTALTO	JICT 100 I	10. 11011.1000	71.10		ь	L	0.70	L	1 .,011		1 10100			1	<u> </u>					1	
11 11 12 13 14 14 14 15 14 14 15 14 15 14 15 15	<u> </u>		г		EDOM END OF CURB & CUTTER	т	T	I	<u></u>	<u> </u>		1	T	T	T	T	T	Т	1	T	T	T
TOTAL FOR MAP NO. 14				. 44 40		1		4.00		1 000		1 040			1	4 205	1 00		-	1	1.46	
15				(1146	VVEST OF US 601 TO SR 1314	18	NO		22						-				1 2	_		_
TOTAL FOR MAP NO. 15	TO	TAL FOR								1									5		1.46	
16 SR 1134 FROM SR 1142 TO SR 1141 8 NO 0.57 22 171 50 1.14 630 41			15 SF	₹ 1134	FROM SR 1146 TO SR 1142	8	NO	1.53	22	459	100								1 1		1.85	1
16 SR 1134 FROM SR 1142 TO SR 1141 8 NO 0.57 22 171 50 1.14 630 41	TO:	TAL FOR	MAP NO. 15					1.53		459	100	3.06				1,710	111		1		1.85	
TOTAL FOR MAP NO. 16				1134	FROM SR 1142 TO SR 1141	8	NO		22			1.14	1		1		41		1	T	0.70	
17 SR 1134 FROM SR 1314 TO US 601 10 NO 0.83 21 249 50 1.66 875 57 2 5	TO-	TAL FOR				Ť	 		t 				†		1			 	1		0.70	1
TOTAL FOR MAP NO. 17 18 SR 1367 FROM 50' NORTH OF NC 67 TO 50' NORTH OF SR 1619 11 NO 0.51 20 153 50 1.02 50		IML FUR		24424	EDOM CD 4344 TO UC 604	140	NO.		1 24				1	1				+	1 2	 	1.00	
18 SR 1367 FROM 50' NORTH OF NC 67 TO 50' NORTH OF SR 1619 11 NO 0.51 20 153 50 1.02 540 35				1134	FRUN SK 1314 1U US 601	110	NO		<u> </u>				-	 				 				
18 SR 1367 NORTH OF SR 1619 11 NO 0.51 20 153 50 1.02 540 35 35 TOTAL FOR MAP NO. 18 FROM US 601 TO YADKINVILLE CITY LIMITS 12 NO 0.29 24 87 25 0.58 350 23 2 1 TOTAL FOR MAP NO. 19 0.29 87 25 0.58 350 23 2 1	ТО	IAL FOR	MAP NO. 17					0.83		249	50	7.66				8/5	5/		<u> </u>	1 3	1.00	-
TOTAL FOR MAP NO. 18 0.51 153 50 1.02 540 35 50 35 50 1.02 540 35 540 35 540 350 23 25 350 23 25 1 25 0.58 350 23 2 1 2 2 1 2 1	1					Ί			1	1	1	1		1	1		1					
19 SR 1415 FROM US 601 TO YADKINVILLE 12 NO 0.29 24 87 25 0.58 350 23 2 1	1		18 SF	R 1367	NORTH OF SR 1619	11	NO	0.51	20	153	50	1.02					35				0.62	1
19 SR 1415 FROM US 601 TO YADKINVILLE 12 NO 0.29 24 87 25 0.58 350 23 2 1	TO	TAL FOR	MAP NO. 18			1		0.51		153	50	1.02				540	35				0.62	
19 SR 1415 CITY LIMITS 12 NO 0.29 24 87 25 0.58 350 23 2 1 TOTAL FOR MAP NO. 19 0.29 87 25 0.58 350 23 2 1	<u>-</u>		1 1		FROM US 601 TO VADKINIVILLE	†	 	<u> </u>		—	1	1		1			1	1	1	T		1
TOTAL FOR MAP NO. 19 0.29 87 25 0.58 350 23 2 1			10 0	1 445	l .	140	NO.	1 000	24	07	25	0.50	1	1		350	23	1	2	1	0.35	1
	<u></u>			(1415	CITY LIMITS	12	I NO		24						- 			+		 		
TOTAL FOR PROJ NO. 11CR.20991.18 4.94 1,482 275 9.88 5,430 353 10 6						_	<u> </u>	<u> </u>							_						0.35	
	TOTAL FO	OR PROJ	NO. 11CR.2099	91.18		<u> </u>		4.94	1	1,482	275	9.88	<u> </u>		1	5,430	<u> 353</u>	<u> </u>	10	6	5.98	<u></u>
																		-				
GRAND TOTAL 20.91 6,120 1,055 40.80 12,000 1,843 19,565 5,430 1,527 4 21 16		GRAND	ΤΟΤΔΙ		1	T		20.91	T	6.120	1.055	40,80	12.000	1.843	19,565	5.430	1.527	4	21	16	24.48	1,025

PROJECT NO.	SHEET NO.	TOTAL NO.
11CR.10861.18, 11CR.20861.18	10	
11CR.10991.18, ETC.	10	

THERMOPLASTIC AND PAINT QUANTITIES

				IIIEIXIVIOI			AILD				7 1 4 1 1				
		1				0000-E		4835000000-E					0000-N		4905000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	4" WHITE	4" YELLOW	16" WHITE	24" WHITE	PAINT MSG	PAINT MSG	PAINT STR	PAINT LT	PAINT RT	PAINT STR &	SNOW PLOWABLE
		1 1			PAINT	PAINT	PAINT	PAINT	RXR	SCHOOL	ARROW	ARROW	ARROW	RT ARROW	MARKERS
NO		NO			LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA
110		1.40		FROM NORTH INTERSECTION	ted .	<u></u>	<u> </u>	<u></u>		<u> </u>				<u> </u>	<u> </u>
1400 40004 40			110 50 DUONESO	WITH US 52 TO 0.2 MI. SOUTH OF	40.000	40.000		0.4							40
			US 52 BUSINESS	PAIGE STREET	13,308	13,308		24			4				42
1	TOTAL FOR	KMAP	VO. 1		13,308	13,308		24			44		ļ	_	42
	1	1 1		FROM 0.2 MILES SOUTH OF PAIGE		ŀ									
l	1	1 1		STREET TO BRIDGE AT							1				
	1	1 2 1	US 52 BUSINESS	VETERAN'S PARK	13,308	13,308				İ	1	9	1		42
T	TOTAL FOR				13,308	13,308	1					9	<u> </u>		42
	1	T		FROM BRIDGE AT VETERAN'S	,	10,000							<u> </u>		·-
İ	l	,	US 52 BUSINESS	PARK TO SR 1708	10,840	10,840		24				5	1	1	34
ļ	TOTAL FOR			FARR TO SR 1706	10,840	10,840		24			<u> </u>	5	1	1 1	34
ļ <u>.</u>	TOTAL FOR	IVIAP	VO. 3	FROM 0.94 MILES WEST SR 1607	10,040	10,040	 	24					<u> </u>	 	34
1	İ	1										[1		1
		4	NC 89	TO 300' WEST SR 1345	82,192	82,192	<u> </u>						<u> </u>		258
TT	TOTAL FOR	R MAP I	NO. 4		82,192	82,192									258
TOTAL	EOD DDO I	NO 44	CD 40004 40		119,648	119,648		48			4	14	1	1	376
IOIAL	FUK PKUJ	NO. TT	CR.10861.18		239	,296							20		
				***************************************							***************************************				***************************************
11CR.20861.18	8 Surry	5	SR 2019	FROM SR 1003 TO SR 2031	20,596	20,596	1	I	T	T T	T		<u> </u>		
1 1011.20001.10	TOTAL FOR	MAD	NO 5	1 1000 01 1000 10 31 2031	20,596	20,596	 		 	 	 	l	 	+	
<u> </u>	TOTAL FUL			FROM OR COSC TO OR COSC				 	 	 	 	 	 	 	105
<u> </u>		6	SR 1003	FROM SR 2258 TO SR 2029	42,572	42,572	 				 		 	·	135
]	TOTAL FOR				42,572	42,572	↓		ļ	ļ	ļ	ļ	 		135
		7	SR 2164	FROM SR 2000 TO SR 2116	9,260	9,260	100	50	4						<u> </u>
1	TOTAL FOR	R MAP	NO. 7		9,260	9,260	100	50	4						
		8	SR 2116	FROM SR 2164 TO US 52	11,000	11,000	100	80	4			2	2	1	
1	TOTAL FOR				11,000	11,000	100	80	4		I	2	2	1	
	1	9	SR 2406	FROM US 52 TO SR 1394	18,292	18,292	T	l	T			5	2	2	1
	TOTAL FOR			111011100002100111004	18,292	18,292	1	 	 		 	5	2	2	
ļ	TOTALTO	V IVIPAF I	110. 3				200	130	8	<u> </u>		7			135
TOTAL F	FOR PROJ	NO. 11	CR.20861.18		101,720	101,720	200	130		<u> </u>		<u> </u>	4	3	135
				1	203	,440	<u> </u>	<u> </u>	<u> </u>	8	<u> </u>	· · · · · · · · · · · · · · · · · · ·	14		1
											·				
				FROM 50' WEST OF SR 1545 TO			1			1	1			1	
11CR.10991.18	8 Yadkin	10	NC 67	300' WEST OF SR 1548	12,250	12,250							1	1	40
Т	OTAL FOR	MAP	IO. 10		12,250	12,250									40
	T			FROM 300' WEST OF SR 1548 TO	,	1		1				<u> </u>			
	1	111	NC 67	600' EAST OF SR 1549	8.448	14,672		122	Į.	6		17		3	54
	TOTAL FOR			000 LAST OF SK 1349	8,448	14,672	 	122	 	6		17	 	3	54
	OTAL FOR	IVIAPIN	VO. 11		0,440	14,6/2	 	122	 			1/	-	 	34
	1	l		FROM 600' EAST OF SR 1549 TO			1								1
		12	NC 67	600' EAST OF SR 1545	19,008	19,008	<u> </u>	50		6					60
T	TOTAL FOR	MAP	IO. 12		19,008	19,008		50	<u> </u>	6		<u> </u>			60
				FROM 600' EAST OF SR 1545 TO			l			1		į.			
	l	13	NC 67	FORSYTH COUNTY LINE	76,032	76,032				1		1			238
Т	TOTAL FOR				76,032	76,032	T	1	T	1.		T	1	1	238
					115,738	121,962	1	172	T	12	1	17		3	392
TOTAL I	FOR PROJ	NO. 11	CR.10991.18			7,700	 	 	†	12				<u> </u>	
 				1		,,,,,,	1	L.,	J		L				
	-T		T	FROM END OF CURB & GUTTER	T	T	T	T	T	T		T		1	T
4400 0000		1	05.44.5		0====	65.55	1				1	1 ^		1 ^	1
11CR.20991.18			SR 1146	WEST OF US 601 TO SR 1314	25,556	25,556		24		 	 	3		3	
Т	TOTAL FOR	MAP	NO. 14		25,556	25,556		24		<u> </u>		3		3	
		15	SR 1134	FROM SR 1146 TO SR 1142	32,314	32,314									
Т	TOTAL FOR				32,314	32,314									
		16		FROM SR 1142 TO SR 1141	12,039	12,039	1	1		1	1				T
Т	TOTAL FOR			TROMORTIZED SKITTE	12,039	12,039			1		1	<u> </u>			
<u>-</u>	1 2 1 2 1 3 1	17		FROM SR 1314 TO US 601	17,530	17,530	 	12	 	 	 	 	 		
 	TOTAL FOR			7 (CON SIX 1314 10 03 001		17,530	1	12	1	t	 	 	-	 	
<u> </u>	I AL PUR	IVIAP	10. 11	EDOM FOLNODTH OF NO 67 TO 50	17,530	17,530	 	14	 	 	 	 			
		1		FROM 50' NORTH OF NC 67 TO 50'	l.				[
		18		NORTH OF SR 1619	10,771	10,771	<u> </u>	<u> </u>		ļ	<u> </u>	ļ			
T	TOTAL FOR	MAP	NO. 18		10,771	10,771									
				FROM US 601 TO YADKINVILLE					1						
1		19	SR 1415	CITY LIMITS	6,125	6,125			1		1	1			
Т	TOTAL FOR			1	6,125	6,125			1	1	1		1	1	
					104,335	104,335		36	 	 	†	3	 	3	
TOTAL	FOR PROJ	NO. 11	CR.20991.18	<u> </u>	· · · · · · · · · · · · · · · · · · ·		 	1 30	+		 			<u> </u>	
				L	1 ∠08	3,670	<u> </u>	L	L		L		<u> </u>		
ļ										1	T		·		Т
1	GRANI	ATOT C	L	L.	441,441	447,665	200	386	8	12	4	41	5	10	903
L	SIGNIT	- , J 1A			889	9,106				20			60		





GENERAL NOTES

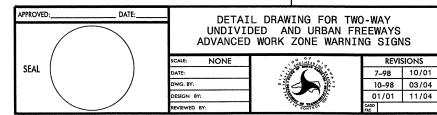
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED. SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.
- ** 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

├ STATIONARY SIGN

d DIRECTION OF TRAFFIC FLOW

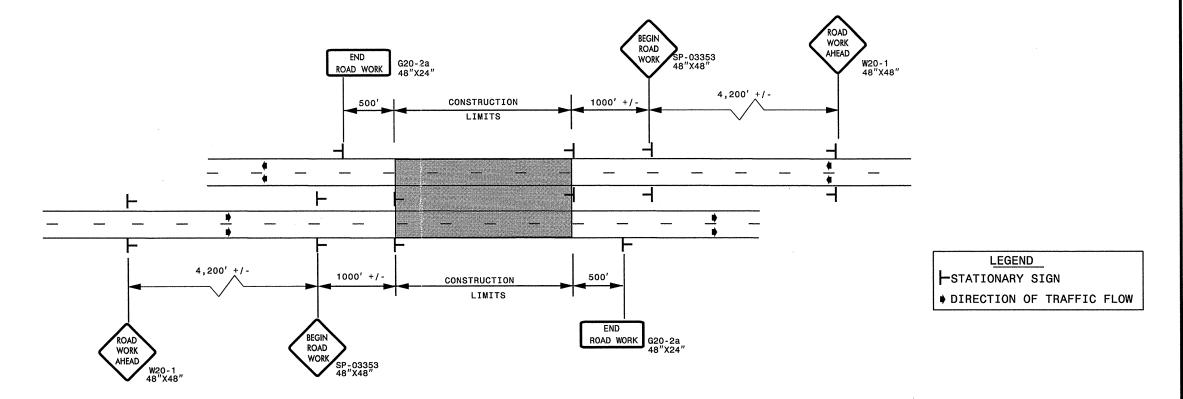
SHEET 1 OF 1



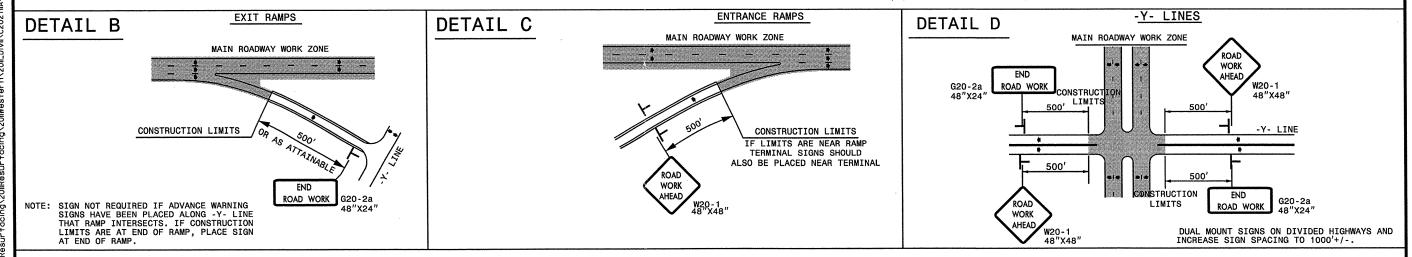
DETAIL DRAWING FOR TWO-WAY UNDIVIDED WORK ZONE WARNING SIGNS

11CR.10861.18, 11CR.2086 TCP-2

DETAIL A

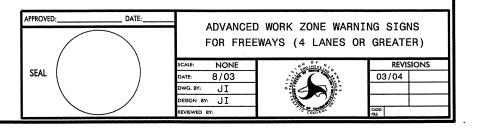


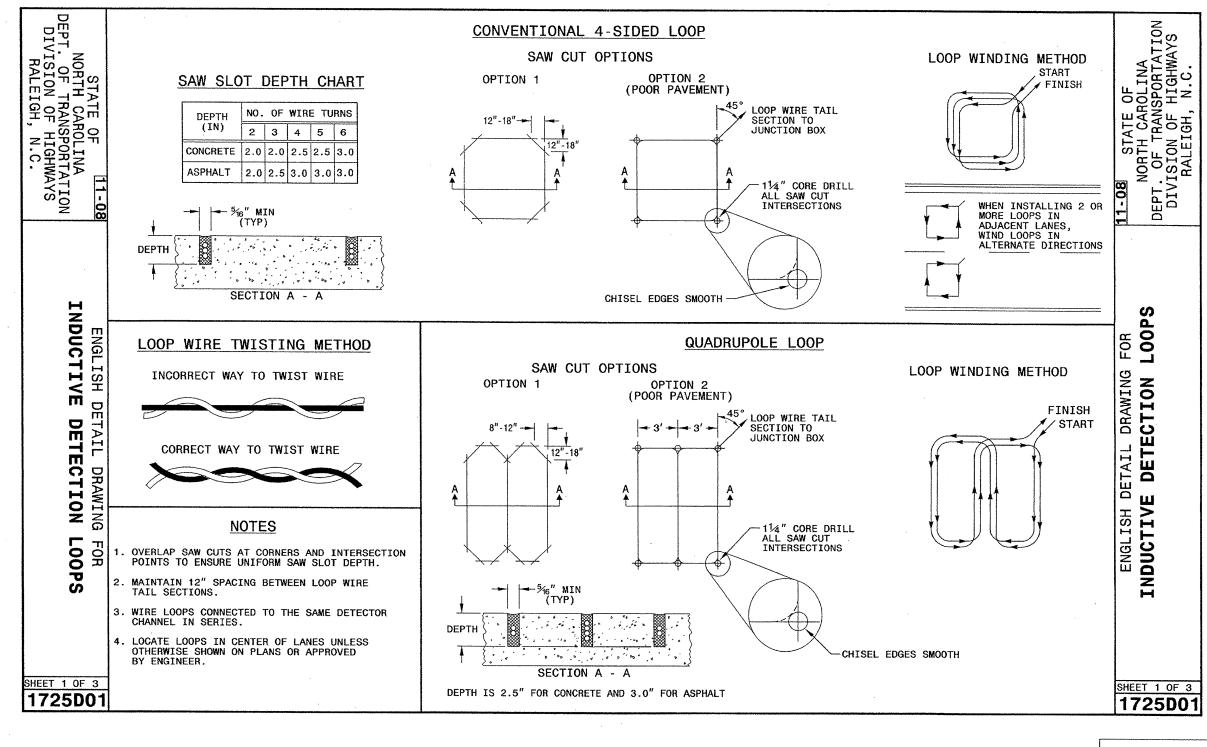
★ USE THE "\$250 SPEEDING PENALTY" SIGN, SPEED LIMIT SIGN, AND ORANGE PANEL; ONLY WHEN A "\$250 SPEEDING PENALTY" ORDINANCE HAS BEEN ISSUED BY THE REGIONAL TRAFFIC ENGINEER.

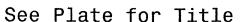


GENERAL NOTES

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O N. Greenfield Parkway

Garner, NC 27529

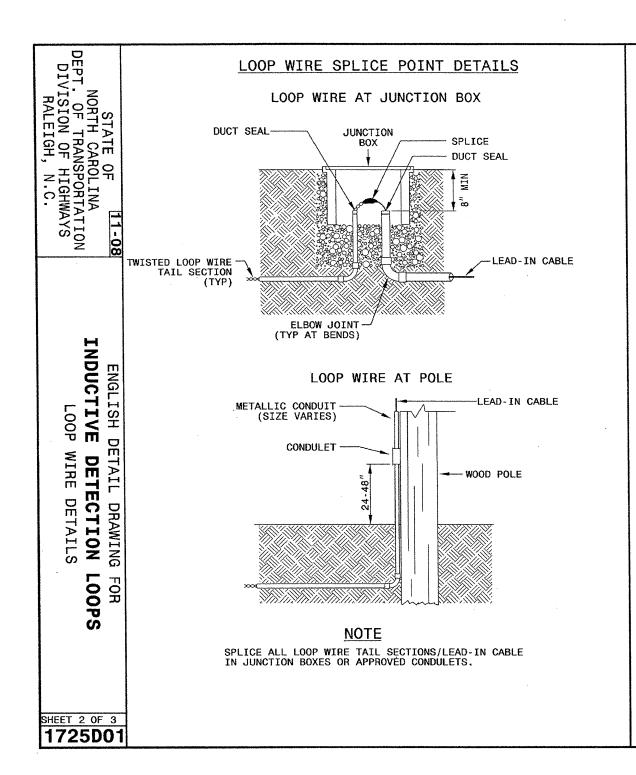
Milly J. Dean 11/24/08

SIGNATURE

DATE

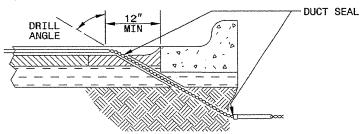
SEAL

SE AL 16286

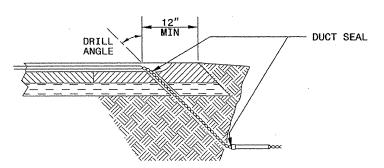


LOOP WIRE PAVEMENT EDGE DETAILS

LOOP WIRE AT CURB & GUTTER SECTION



LOOP WIRE AT PAVEMENT SECTION



NOTES

- 1. DO NOT EXCAVATE UNDER CURB AND GUTTER SECTIONS FOR CONDUIT INSTALLATION.
- 2. TWIST LOOP WIRE TAIL SECTIONS FROM WHERE LOOP WIRE TAIL LEAVES SAW CUT TO JUNCTION BOX, INCLUDING THROUGH CONDUIT.
- 3. BEFORE SEALING LOOPS, INSTALL DUCT SEAL WHERE LOOP WIRE TAIL SECTION LEAVES SAW CUT IN PAVEMENT AND AT ENTRANCE OF CONDUIT TO JUNCTION BOX.

11-08 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

FOR LOOPS DRAWING DETECTION WIRE DETAILS DETAIL INDUCTIVE

SHEET 2 OF 3 1725D01

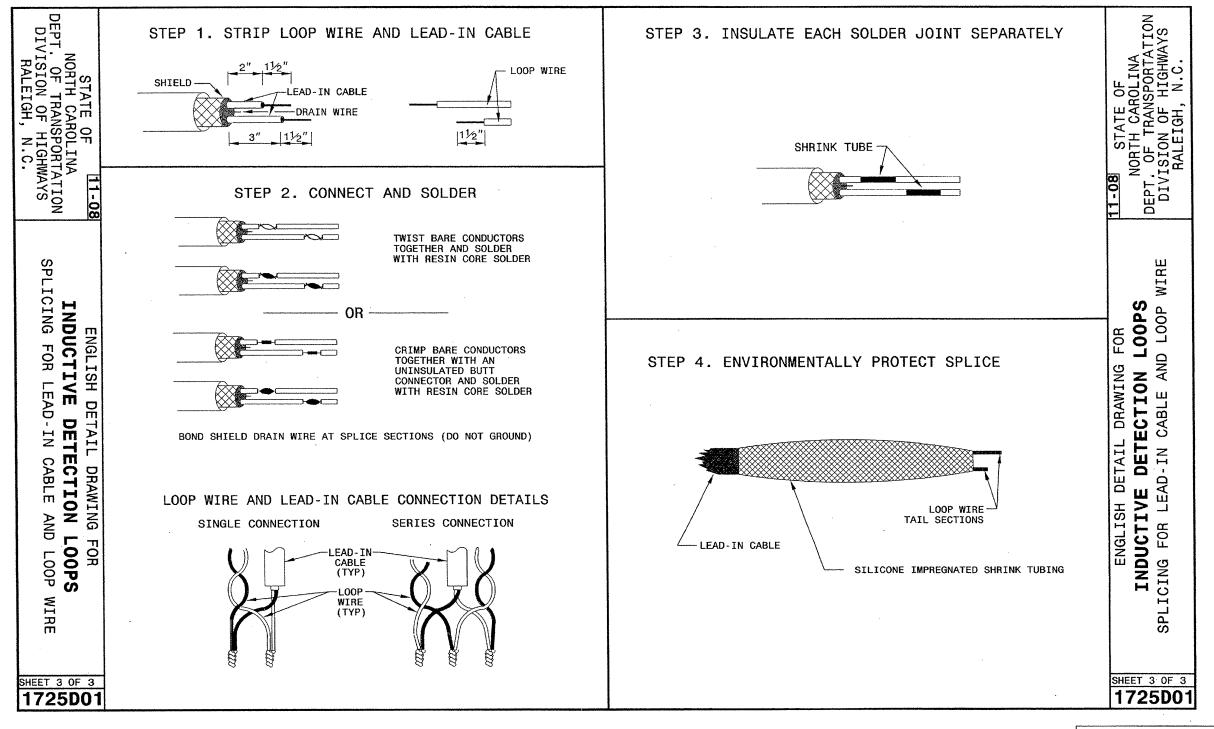
See Plate for Title

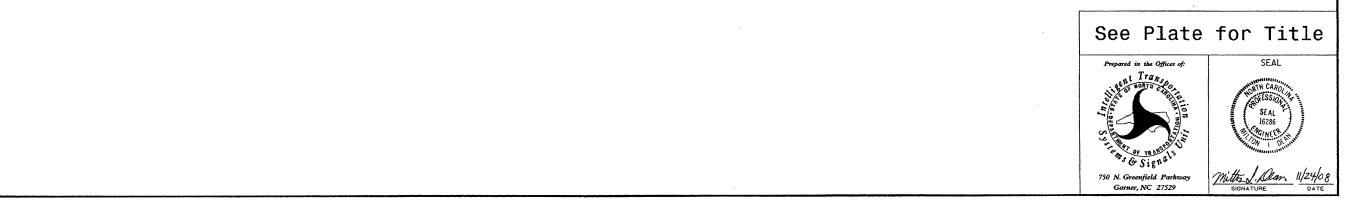


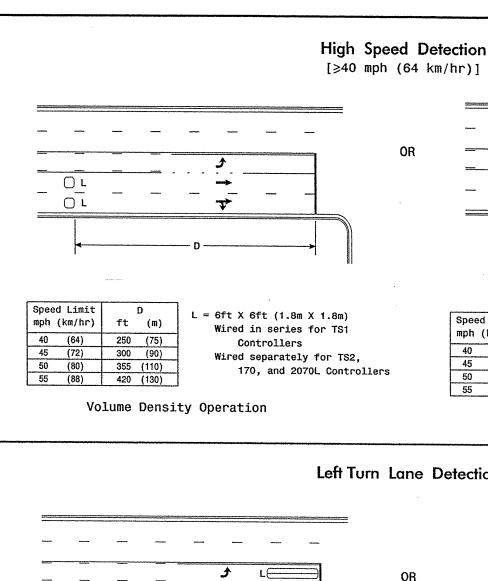
mitter S. Dean 11/24/08
SIGNATURE DATE Garner, NC 27529

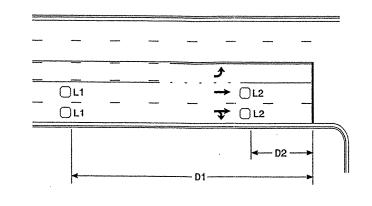
SEAL

PROJECT REFERENCE NO. SHEET NO. Sig.









Spee	d Limit		D1	D2				
mph	(km/hr)	ft	(m)	ft	(m)			
40	(64)	250	(75)	80	(25)			
45	(72)	300	(90)	90	(27)			
50	(80)	355	(110)	100	(30)			
55	(88)	420	(130)	110	(35)	_		

"Stretch" Operation

 $L1 = 6ft \times 6ft$

 $L2 = 6ft \times 6ft$

(1.8m X 1.8m)

(1.8m X 1.8m)

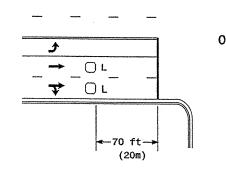
Wired in series

Wired in series

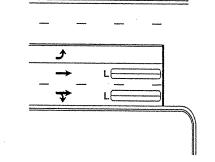
Low Speed Detection [<35 mph (56 km/hr)]

12CR.10181.9 & 12CR.20181.10

PROJECT REFERENCE NO. SHEET NO



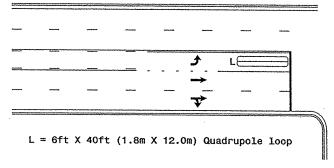
 $L = 6ft \ X \ 6ft \ (1.8m \ X \ 1.8m)$ Wired in series



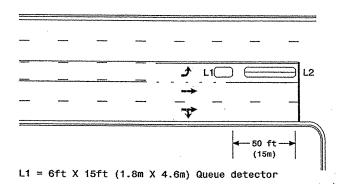
 $L = 6ft \times 40ft (1.8m \times 12.0m)$ Quadrupole loop, wired separately

Left Turn Lane Detection

OR

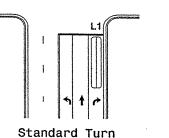


Presence Loop Detection



 $L2 = 6ft \times 40ft (1.8m \times 12.0m)$ Quadrupole loop

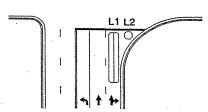
Queue Loop Detection

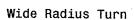


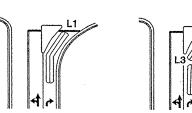
Right Turn Lane Detection

 $L1 = 6ft \times 40ft (1.8m \times 12.0m)$ Quadrupole loop L2 = 6ft X 6ft (1.8m X 1.8m) [Minimum] Presence loop Wired separately

L3 = 6ft X 20ft (1.8m X 6.0m) Quadrupole loop Wired in series

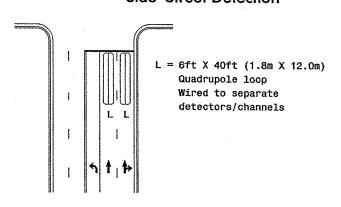




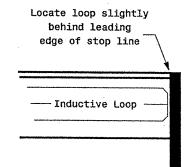


Channelized Turn

Side Street Detection



Presence Loop Placement at Stop Lines



Note: Loop may be located in advance of stop line when stop line is greater than 15' (4.5m) from edge of intersecting roadway; or, when loop detects a permissive or protected/permissive left turn.

Single 6' X 6' (1.8m X 1.8m)

loop (wired separately):

Number of Turns	
3	
4	
5	
6	
	of Turns 3 4

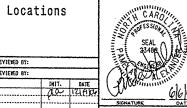
Recommended Number of Turns

Quadrupole loops: Use 2-4-2 turns

6' X 15' (1.8m X 4.6m) Loops: Lead-in < 150' (45 m), use 2 turns Lead-in > 150' (45 m), use 3 turns



Typical Loop Locations



ALAN DATE: June 2006 REVIEWED BY:
REPARED BY: P L Alexander REVIEWED BY: SCALE N/A