

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 permitted or exclusive/permitted left turn.

edge of stop line

--- Inductive Loop



Quadrupole loop

Wired to separate detectors/channels

Length of Lead-in ft (m)	Number of Turns	
< 250 (75)	3	
250-375 (75-115)	4	
375-525 (115-160)	5	
> 525 (160)	6	

Quadrupole loops: Use 2-4-2 turns

6′	Х	1	5′	(1.	. 8m	Χ	4.6	m) L	.oops	:	
L	ea	d-	in	<	15	0'	(45	m),	use	2	turr
										_	



Typical Loop	Locations
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SHEET TOTAL NO. SHEET

PROJECT REFERENCE NO.

7CR.10681.4, ETC

Geometries Section			
00 18 19 Sect	PLAN DATE: August 2001 REVIEWED BY:		
Geometrics	PREPARED BY: P. L. Alexander REVIEWED BY:		
ll St., Raleigh, NC 27603		INIT.	DATE
SCALE	Add_queue_defector_loop_reference_to_2070L_controllers_	_pla	8/02
lone			