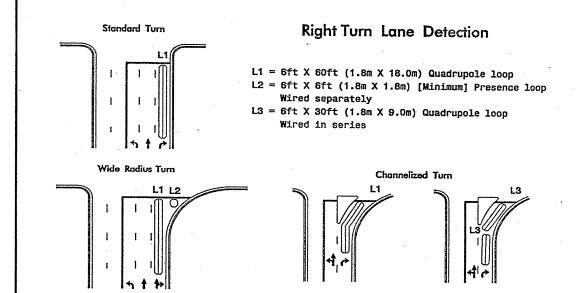


Inductive Loop



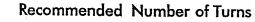
Low Speed Detection [<35 mph (56 km/hr)]

OL

 $L = 6ft \times 6ft (1.8m \times 1.8m)$

Wired in series

-70 ft-



Single 6' X 6' (1.8m X 1.8m) loop (wired separately):

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	

greater than 15' (4.5m) from edge

of intersecting roadway; or, when loop detects a permitted or exclusive/permitted left turn. 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

Quadrupole loops: Use 2-4-2 turns

Proposed in the Option of	Typical Loop Locations			SEAL CAROUTA
of Geometrici	PLAN DATE: JULY 2003 REVIEWED BY:			CEST COLLEGE
N. McDowell St., Ruleigh, NC 27683	PREPARED BY: P L Alexander REVIEWED BY:			/ STADYTERM
SCALE	REVISIONS	INET.	DATE	NW
N/A		 		SIGNATURE 7 15 03
		Ţ		SIGNATURE DATE SIGN INVENTORY NO.

 $L = 6ft \times 60ft (1.8m \times 18.0m)$

Quadrupole loop, wired separately

PROJECT REFERENCE NO. SHEET NO.

SIG 1