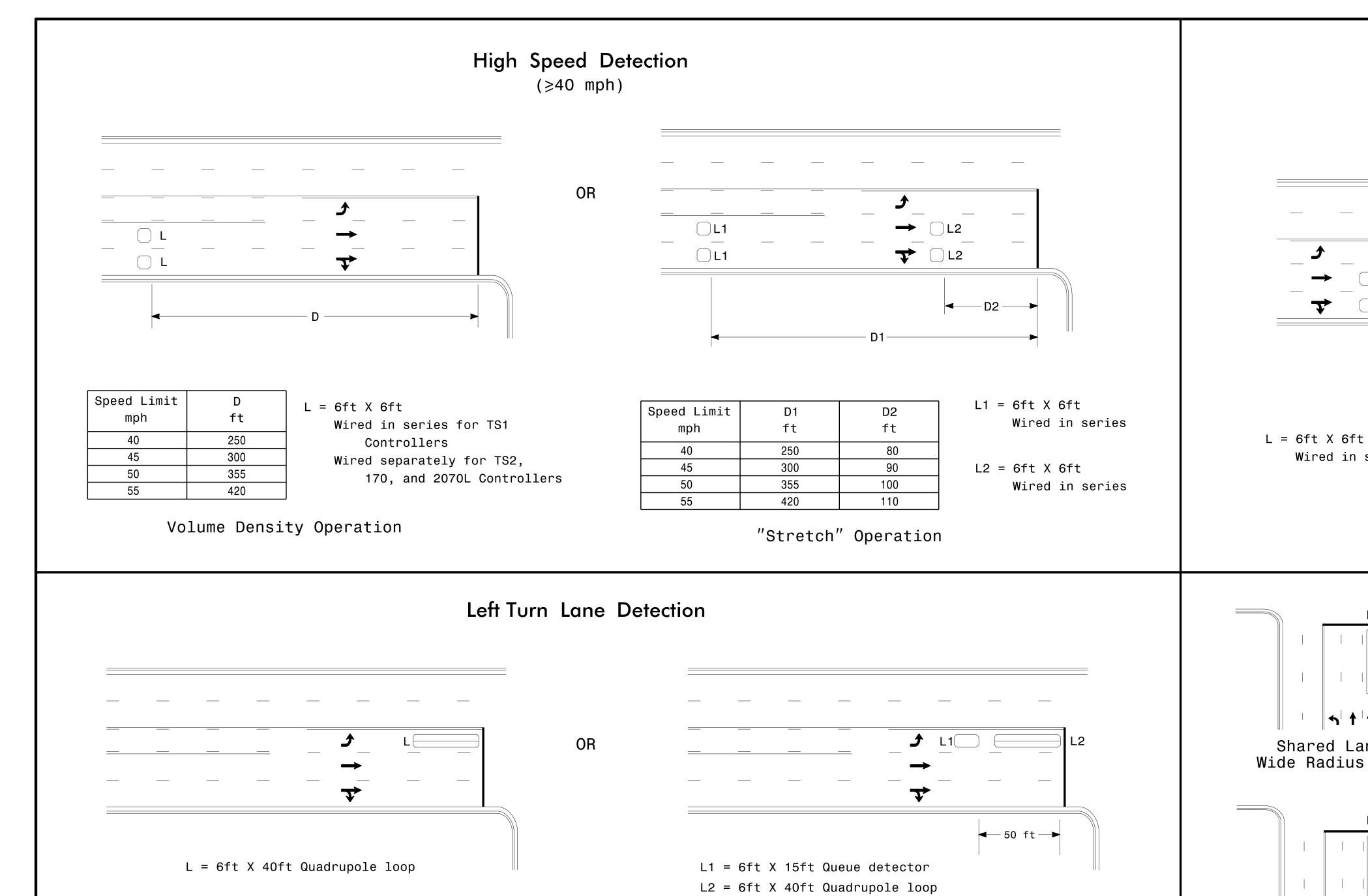
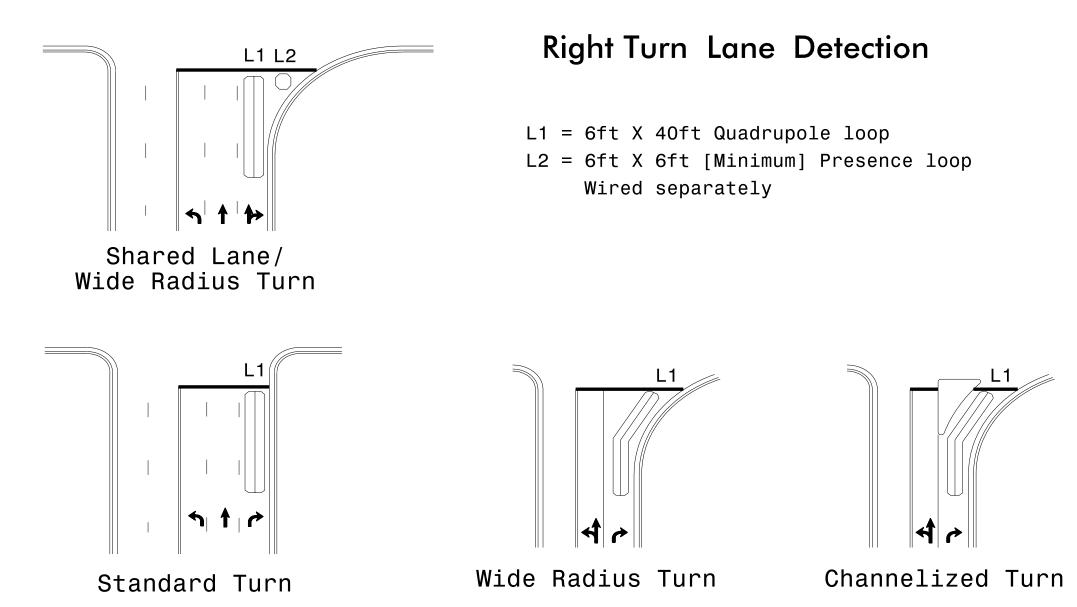
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Low Speed Detection (≤35 mph)

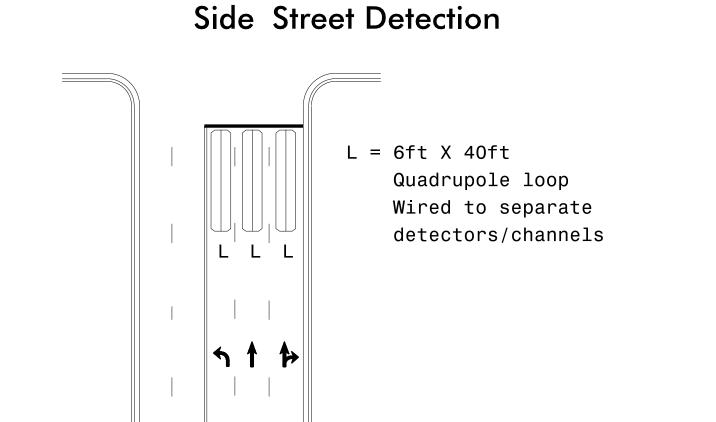
OR

L = 6ft X 40ft

Quadrupole loop, wired separately

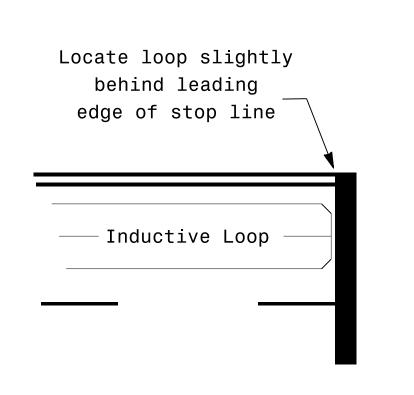
← 70 ft →

Wired in series



Presence Loop Detection





Note:

Queue Loop Detection

Loop may be located in advance of stop line under any of the following conditions:

- 1) stop line is greater than 15' from edge of intersecting roadway
- 2) loop detects a permissive or protected/permissive left turn
- 3) for an exclusive right turn lane

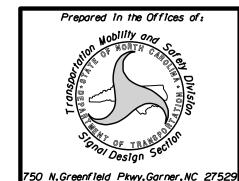
Recommended Number of Turns

Single 6' X 6' loop (when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6' X 15' Loops: Lead-in < 150', use 2 turns Lead-in > 150', use 3 turns



Typical Signal Loop Locations

Choi Design Section	PLAN DATE:	January 2015	REVIEWED BY:	JPG		
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PL Alexander SIG. INVENTORY NO.

PROJECT REFERENCE NO.