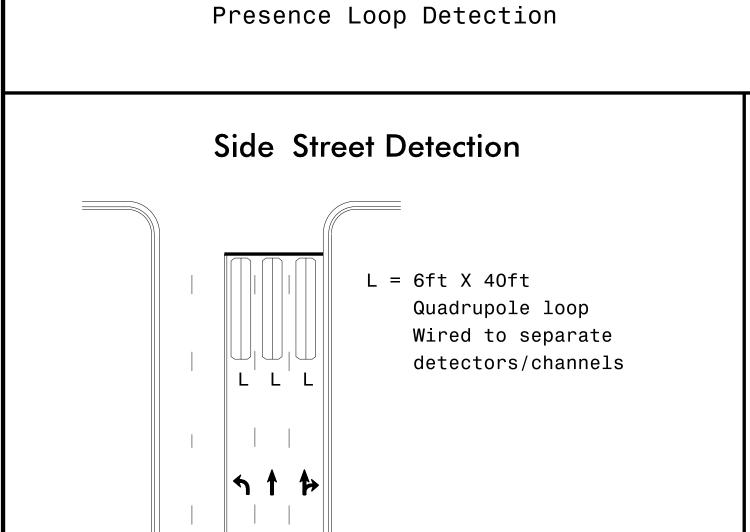


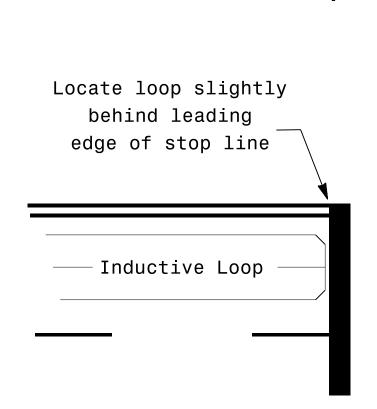
OR

L = 6ft X 40ft

Quadrupole loop, wired separately



L = 6ft X 40ft Quadrupole loop



## Presence Loop Placement at Stop Lines

L1 = 6ft X 15ft Queue detector

L2 = 6ft X 40ft Quadrupole loop

Queue Loop Detection

Note: 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

**←** 50 ft **→** 

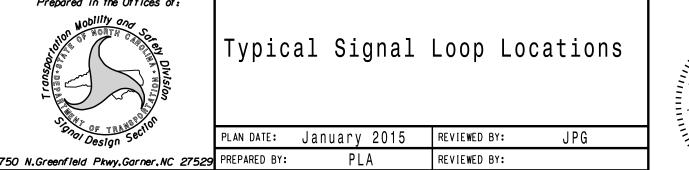
## Recommended Number of Turns

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

nen wired separatery):	
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



REVISIONS INIT. DATE SCALE N/A

PL Alexander

PROJECT REFERENCE NO.