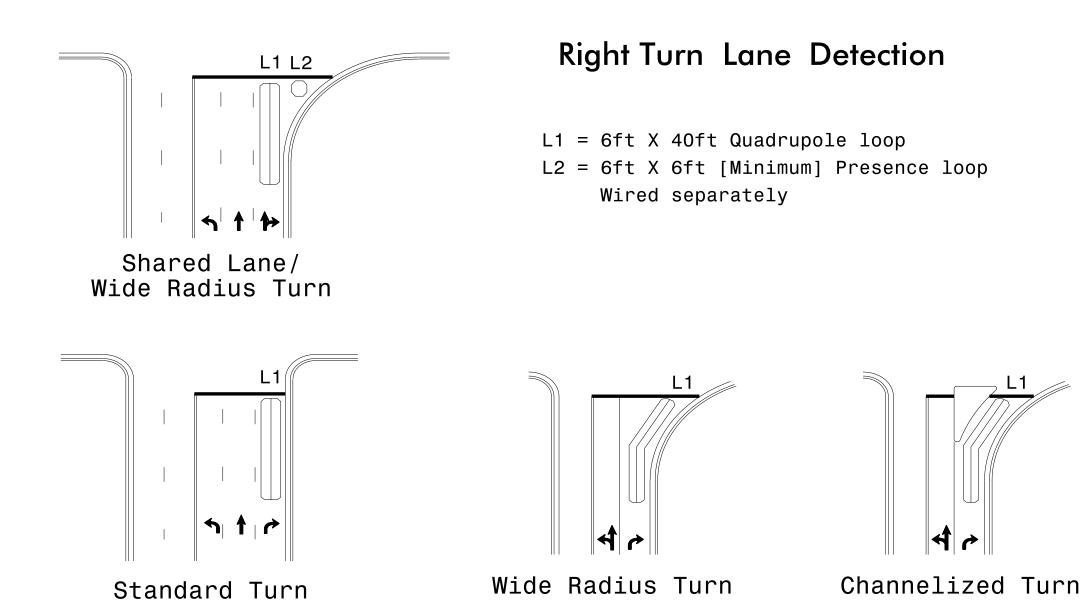


Left Turn Lane Detection



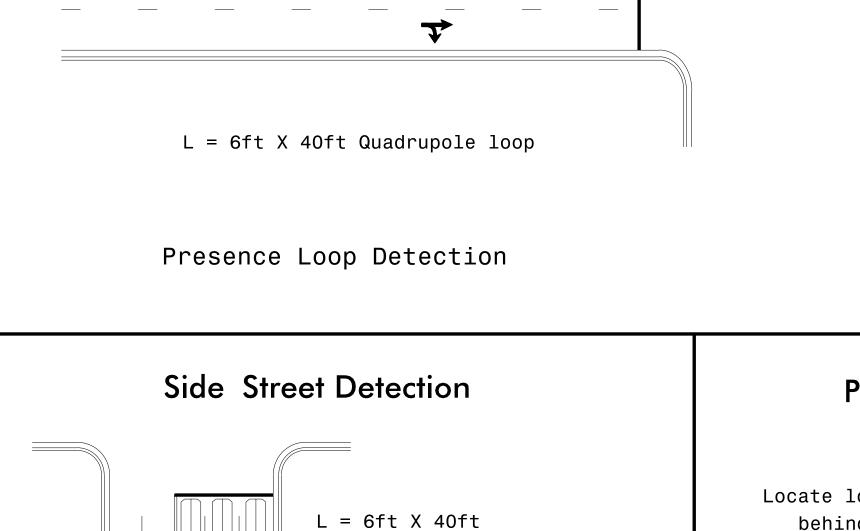
Low Speed Detection (≤35 mph)

OR

L = 6ft X 40ft

Quadrupole loop, wired separately

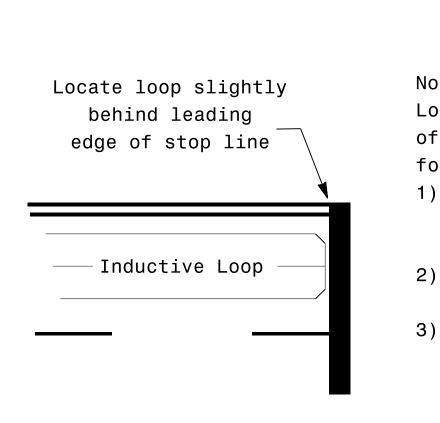
← 70 ft →



Quadrupole loop

Wired to separate

detectors/channels





L1 = 6ft X 15ft Queue detector

L2 = 6ft X 40ft Quadrupole loop

Queue Loop Detection

ightly
ing
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

← 50 ft **→**

protected/permissive left turn
3) for an exclusive right turn
lane

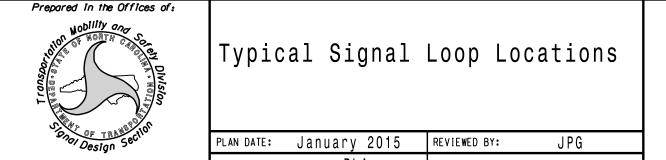
Recommended Number of Turns

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

IICII WII CU	Separacely):
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



PLAN DATE: January 2015 REVIEWED BY: JPG

PREPARED BY: PLA REVIEWED BY:

SCALE

N/A

PROJECT REFERENCE NO.

2018CPT.03.05.10711 SIG-1

30-JAN-2015 12:39 S:*!TS&SU*!TS S:gnals*S: palexander