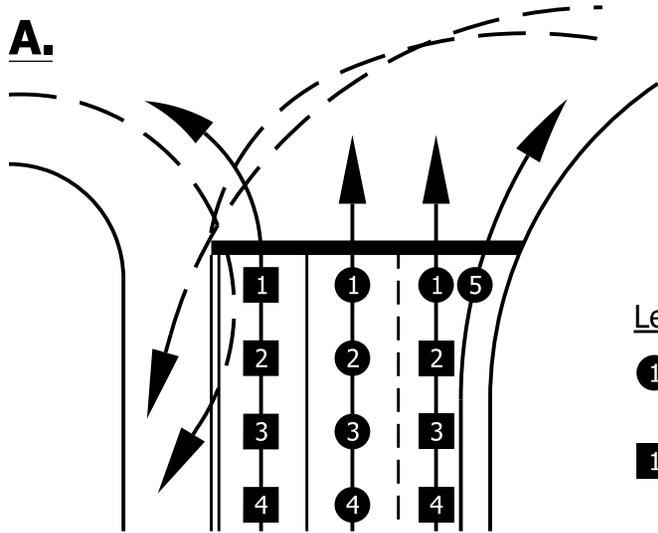


A.



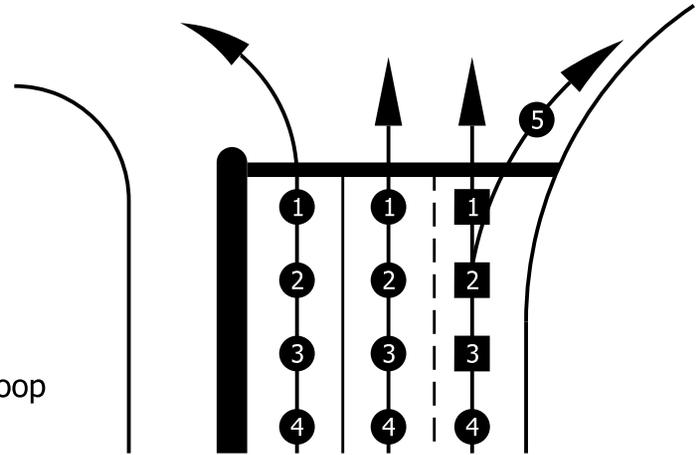
Left - Turn Lanes

Dotted lines or staggered stop lines as shown in diagram A can be used to reduce left-turn encroachment onto the left-turn lanes.

A median as shown in diagram B will eliminate such encroachment onto the left-turn lanes.

If counting with 4 loops, the lane width should remain 12 ft (3.6 m) to prevent a vehicle from missing the front loop.

B.



Right - Turn Lanes

If the lane at the stop line is wider than 12 ft as shown in diagram A, a vehicle will depart before crossing loop 1. Counting with loops 1 and 5 will provide accurate through-lanes and right-turn-lane counts.

If loop 5 is beyond the stop line as shown in diagram B, a vehicle will depart before crossing loop 1. Counting with loops 4 and 5 will provide accurate through-plus-right-turn-lanes and right-turn-lane counts.

Note: The minimum distance between loops 1 & 5 should be 6 ft.

Legend

① -Counting Detector loop

■ -Non-Counting Detector loop

Through Lanes

The through lanes should not have encroachment or early-departure concerns. If a vehicle squarely enters the loop system and crosses the center of each loop, counting with 4 loops is preferred.

**COUNTING - LOOP SELECTION
GENERAL**

Fig. 77-5AA