TYPICAL LOOP LAYOUT DIMENSIONS

1. LOOPS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS

2. "A" - TYPICALLY 15" WIDE MOUNTED ON RAILS. "A" MAY BE REDUCED IF EXIT GATES CANNOT BE RELOCATED.

3. "B" - TYPICALLY 15" MAY BE REDUCED IF EXIT GATES CANNOT BE RELOCATED. SEE "E".

4. "C" - TYPICALLY 12", MAY VARY FROM 8" TO 12" DEPENDING ON PAVEMENT QUALITY.

5. "D" - TYPICALLY 2" FROM EDGE OF TRAVELED WAY OR LANE END.

6. "E" - 3'-3 1/2" RECOMMENDED TO AVOID LOOP ACTIVATION WHEN A VEHICLE CRASHES AGAINST AN EXIT GATE. DIMENSION MAY BE REDUCED IF GATES CANNOT BE RELOCATED IN ORDER TO MAINTAIN THE 5' MINIMUM RECOMMENDED IN DIMENSION "C".

7. "F" - TYPICALLY 2" FROM LOOP TO EDGE OF TRAVELED WAY. SIMILAR TO DIMENSION "D" MAY BE INCREASED UP TO 4" TO ALLOW WINDROWS OR PORTION OF EXIT GATE TO PASS AS DETERMINED BY MANUFACTURER.

8. "G" - MAXIMUM LOOP WIDTH SHALL BE 8" MAXIMUM LOOP WIDTH OF EXIT AND EXIT LOOP SHALL BE 5' MINIMUM. LOOPS BETWEEN TRACKS SHALL BE 5' 8" MINIMUM.

9. "H" - MAXIMUM LOOP LENGTH 24'-6".

10. "I" - MAXIMUM 1.5' BETWEEN LOOPS IN THE SAME LANE

NOTES:

1. TOTAL AREA OF LOOP SHALL BE 144 SQ FT MAXIMUM.
   (EXAMPLE 1: 12 X 12 = 144 SQ FT)
   (EXAMPLE 2: 24 X 6 = 144 SQ FT)

2. WHILE LOOPS MAY COVER MULTIPLE LANES THEY SHALL NOT COVER PARTIAL LANES.

3. PREVIEW VEHICLE DETECTION LOOPS SHALL BE REPELLENT WITH AN INTEGRAL CHECK LOOP SUCH AS THAT MANUFACTURED BY KOEO.

4. SAW-CUTTING PAVEMENT FOR LOOP INSTALLATION SHALL BE AVOIDED.