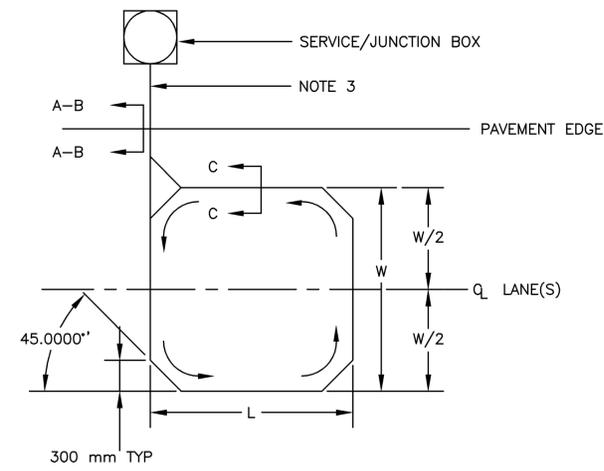
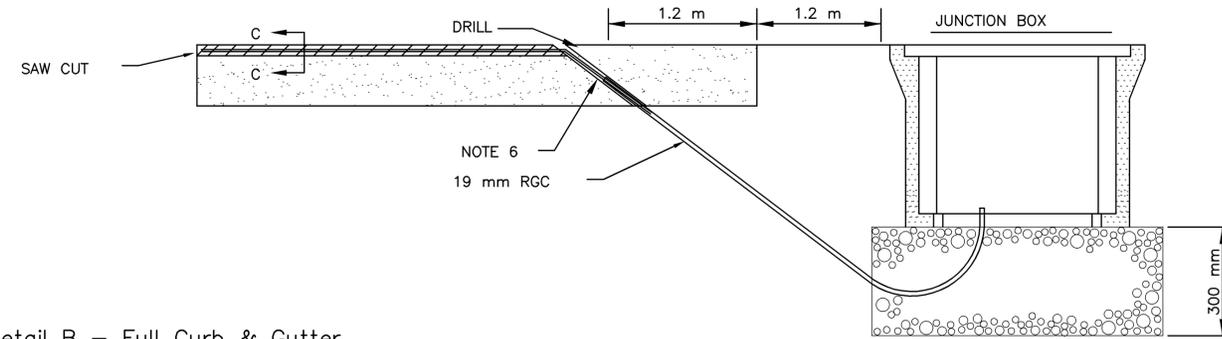


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87-8258-01	2007	360	556

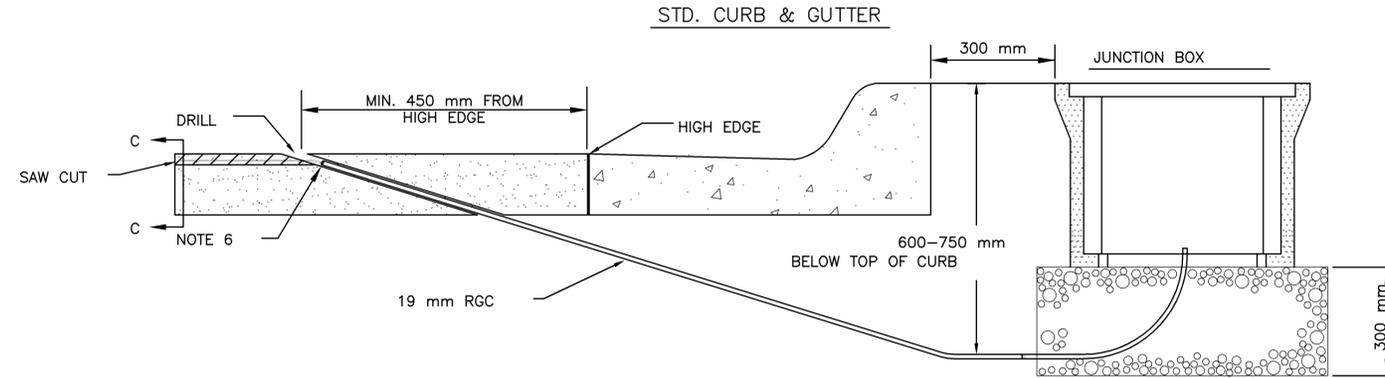
Typical Conventional Loop Installation



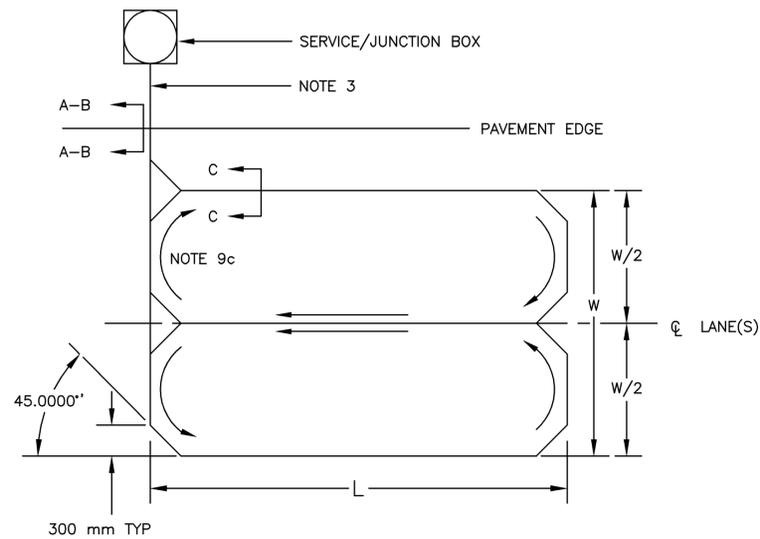
Detail A - No Curb & Gutter



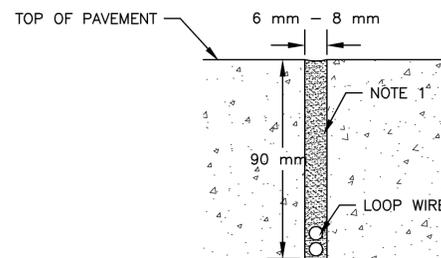
Detail B - Full Curb & Gutter



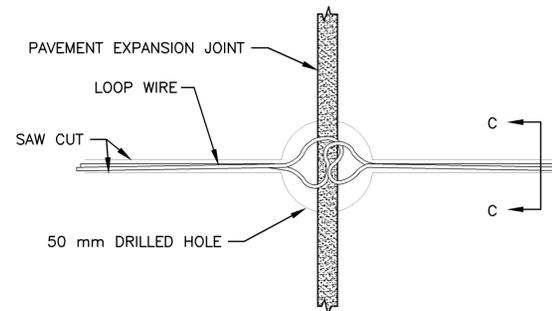
Typical Quadrapole Loop Installation



Detail C - Saw Cut



Detail D - Pavement Joint Crossing



NOTES:

1. LOOP SAW CUT SHALL BE FILLED WITH APPROVED SEALANT TO WITHIN 3 mm OF PAVEMENT SURFACE.
2. ALL LOOPS SHALL BE WOUND IN THE SAME DIRECTION.
3. LOOP WIRE BETWEEN THE LOOP AND THE SERVICE/JUNCTION BOX SHALL BE TWISTED 6 TURNS PER METER.
4. NO EXPANSION JOINT IN THE PAVEMENT OR CURB & GUTTER SHALL BE UTILIZED IN THE PLACEMENT OF LOOP WIRE RUNS OR CONDUIT EMBEDDING.
5. THE LOOP WIRE SHALL NOT PASS THROUGH ANY PART OF ANY DRIVE APPROACH AND/OR CORNER RADIUS.
6. ALL CONDUIT ENDS SHALL BE SEALED WITH DUCT SEAL TO PREVENT LOOP SEALANT FROM ENTERING CONDUIT.
7. LOOP FEEDER CONDUIT SHALL BE A MINIMUM OF 300 mm FROM ANY OTHER LOOP FEEDER CONDUIT.
8. SAW CUTS RUNNING PARALLEL WITH EXPANSION JOINT OR ANY OTHER SAW CUT SHALL BE A MINIMUM OF 300 mm APART.
9. A. LOOPS 8 m OR LESS - 4 TURNS.
B. LOOPS OVER 8 m - 3 TURNS.
C. QUADRAPOLE LOOPS - 2-4-2 TURNS.
10. THE LOOP WIRE SHALL HAVE 50 mm SLACK AT ALL CROSSINGS OF PAVEMENT JOINTS TO ALLOW FOR EXPANSION/CONTRACTION OF PAVEMENT. - DETAIL D"

DATE	
BY	
REFERENCE NOTED	
REFERENCE CHECKED	

Drawn by: SCALE
 File: Plotter: