

Loop exit pavement shall be the same thickness as mainline pavement.

Loop exit pavement shown by shaded area is 1130 square meters.

Special shaping of area between lines A and B may be required to assure proper drainage.

For jointing layout, see Standard Road Plan RV-10.

This design is based on 100 km/h design speed at e max = 6%.

- To refer to Typical 7101 or Typical 7102.
- Subbase for loop exit pavement shall be the same thickness as mainline subbase.
- 3 The loop pavement cross slope between Jand F is determined by superelevation rotated about line C. Refer to Standard Road Plan RP-3 and plans for superelevation transition requirements.

	TABLE OF SHOULDER TRANSITION LENGTHS			
	W _o	Shoulder Width beyond Edge of Mainline Pavement		
		2.4m	3m	3.6m
	3.6m	NA	60m	90m
	4.2m	30m	60m	NA

(E)

(G)

128 119 113 109 108

NOTE: W_0 is the width of the outside lane to the Edge of Pavement.

TABLE OF OFFSETS AND DROPS FOR 5.5 m LOOP ENTRANCE Distance From Point (E) Along Line 'A' (m) 90 80 130 100 30 20 120 110 Offset (m) 5.130 4.088 3.129 2.255 1.464 0.757 From Line 'A' To Line 'B' Slope (%) 3.00 3.00 3.00 3.00 3.00 3.00 3.00 Drop (mm) 188 154 123 94 68 44 23 Offset (m) 5.5 5.5 5.5 5.5 5.5 5.5 5.5 From Line 'B' To Line 'C' Slope (%) 4.00 4.00 4.00 4.00 4.00 4.00 3.64 220 220 220 220 220 220 200 Drop (mm) Offset (m) 5.101 4.642 4.267 3.975 3.00 3.00 3.00 3.00 From Line 'A' To Line 'C' 3.21 3,00 Slope (%) 3,00 3.00

181 153 139

139.676 129.659 119.651 109.651 99.658 89.673 79.694 70.040 60.025 50.014 40.007 30.003 20.001 10.000

408 374 343 314 288 264 223

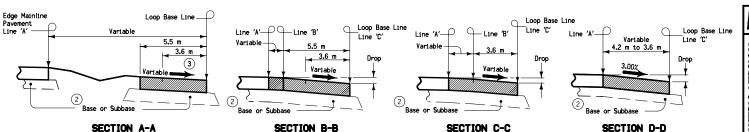
NOTE: From (G) to (P) cross slope between Line A and Line C is a constant 3%.

Drop (mm)

Distance From Point (G) Along Line 'C' (m)

PROFILE

(H)



All dimensions given in millimeters unless noted.

