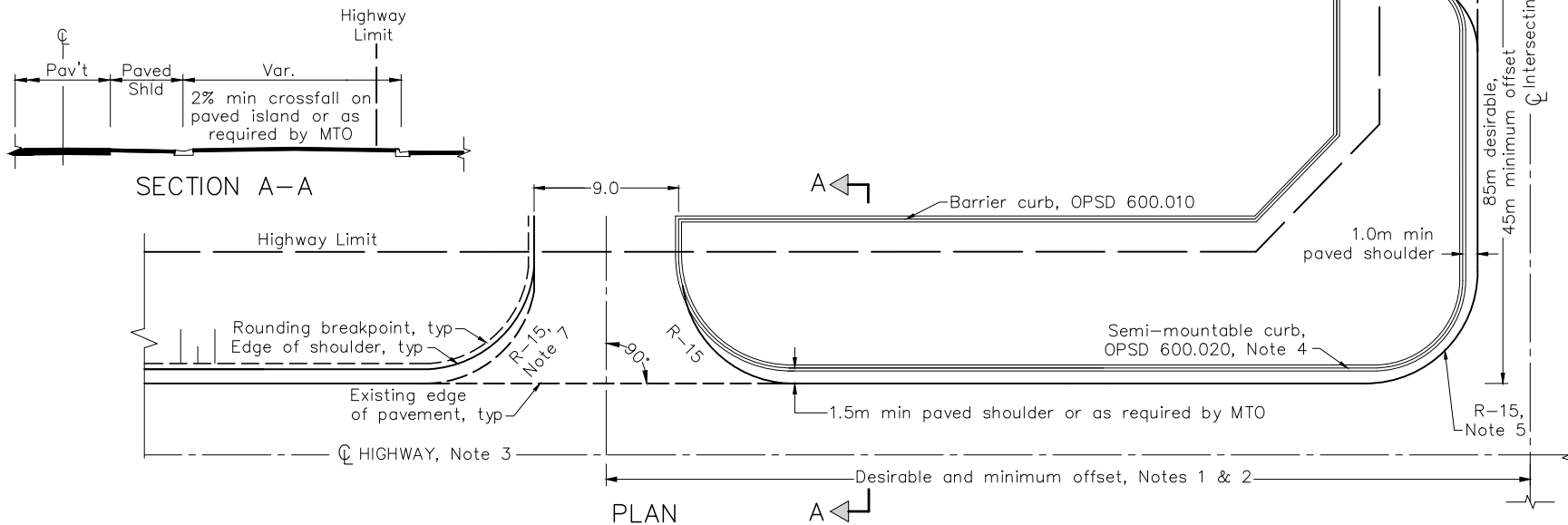


**NOTES:**

- 1 Desirable offset is 250m for highways with posted speed  $\geq 70\text{km/h}$  and 185m for highways with posted speed  $< 70\text{km/h}$ .
  - 2 Minimum offset is 125m for highways with posted speed  $\geq 70\text{km/h}$  and 80m for highways with posted speed  $< 70\text{km/h}$ .
  - 3 Raised median island in conjunction with signalized intersection may be required to prohibit left turns at entrance.
  - 4 Semi-mountable curb and gutter within highway limit for highways with posted speed  $\geq 70\text{km/h}$ . Barrier type curb and gutter for highways with posted speed  $< 70\text{km/h}$ .
  - 5 Larger radius, including the use of an equivalent compound curve as described in the TAC-GDG, may be required by MTO. Smaller radius may be appropriate for highways with posted speed  $< 70\text{km/h}$ .
  - 6 R-10 is for entrances on intersecting roads with posted speed  $< 70\text{km/h}$  and accommodates the TAC-GDG Heavy Single Unit (HSU) design vehicle. Radius should be increased to R-15 or larger for intersecting roads with posted speed  $\geq 70\text{km/h}$ .
  - 7 Shoulder width transitions from zero to existing over the length of the curve. Shoulder should be fully paved for 10m, then, if applicable, transition at a 5:1 rate.
- A All dimensions are in metres unless otherwise shown.  
 B Minimum sight triangles as required by MTO.  
 C Drainage works as required by MTO.



MINISTRY OF TRANSPORTATION ONTARIO DRAWING		March 2019	Rev	1
COMMERCIAL ENTRANCE SERVICE STATION, 2 & 4 LANE HIGHWAY FAR SIDE LOCATION, RAISED ISLAND		-----		
		MTOD 305.030		