

1.4.2.1 HORIZONTAL CURVES

Traveling a road with a tighter radius will reduce the design speed and increase the risk of vehicle rollover and crashes. Border and access road maximum horizontal curvature shall adhere to the design restrictions for the horizontal curvature of roads shown below in **Table 1 – Horizontal Curves**. The angle at maximum curvature is illustrated in **Figure 17 – Maximum Curvature**. However, the maximum curvature does not consider the minimum radius required for horizontal line of sight as discussed below.

Design Controls and Elements	Flat	Rolling	Mountainous
Maximum Horizontal Curvature	25°00'	36°00'	58°00'

Table 1 - Horizontal Curves

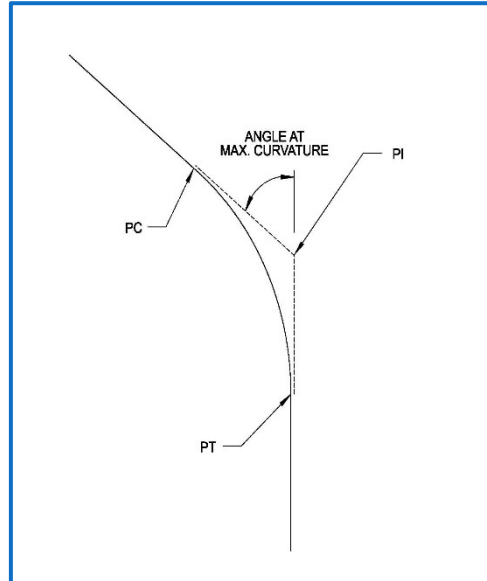


Figure 17 - Maximum Curvature