



Figure 3-23. Diagram Illustrating Components for Determining Horizontal Sight Distance

Metric	U.S. Customary
$HSO = R \left[1 - \cos \left(\frac{28.65S}{R} \right) \right]$	$HSO = R \left[1 - \cos \left(\frac{28.65S}{R} \right) \right]$
<p>where:</p> <p>HSO = Horizontal sight line offset, m</p> <p>S = Stopping sight distance, m</p> <p>R = Radius of curve, m</p>	<p>where:</p> <p>HSO = Horizontal sight line offset, ft</p> <p>S = Stopping sight distance, ft</p> <p>R = Radius of curve, ft</p>

(3-36)