



$S_o$  = Outside Shoulder Slope  
 $S_i$  = Inside Shoulder Slope  
 $R$  = Roadway Superelevation Rate

Where  $R \leq 5\%$ ,  $S_o = R - 7\%$  (Sloping Opposite Direction as Roadway);  $S_i = 5\%$   
Where  $5\% < R \leq 9\%$ ,  $S_o = +2\%$  (Sloping Same Direction as Roadway);  $S_i = R$   
Where  $R > 9\%$ ,  $S_o = R - 7\%$  (Sloping Same Direction as Roadway);  $S_i = R$

Figure 5-04: Shoulder Slopes In Superelevated Section