Table 8-12: Guide Values for Ramp/Connection Design Speed as Related to Highway Design Speed[1]

(US Customary)				
-	**Highway Design Speed (mph)**			
	85	90	95	100
Ramp Design Speed (mph):	-			
Upper Range (85%)	75	80	85	90
Mid Range (70%)	65	70	75	80
(Metric)				
-	**Highway Design Speed (km/h)**			
	140	150	160	
Ramp Design Speed (km/h)	-			
Upper Range (85%)	120	130	140	
Mid Range (70%)	110	120	130	

[1] Values determined by calculating the 85 or 70 % value of the highway design speed and rounding up to the nearest 5 mph [10 km/h] increment and then adjusting if the rounded value is more than the cap amount from the highway design speed (10 mph [20 km/h] for upper range and 20 mph [30 km/h]for mid range).

Lane and Shoulder Widths

Ramp and Direct Connection shoulder widths (inside and outside) and lane widths are shown in Table 8-13.