

# CLEAR ZONE WIDTHS

600-1

REFERENCE SECTIONS  
600.2

Design Speed	Design ADT	Foreslope		Backslope		
		6:1 or Flatter	Steeper than 6:1 to 4:1	6:1 or Flatter	Steeper than 6:1 to 4:1	Steeper than 4:1
40 mph or less	<750	8 ft	8 ft	8 ft	8 ft	8 ft
	750-1500	11	13	11	11	11
	1501-6000	13	15	13	13	13
	>6000	15	17	15	15	15
45-50 mph	<750	11	13	11	9	9
	750-1500	13	18	15	13	11
	1501-6000	17	23	17	15	13
	>6000	19	26	21	19	15
55 mph	<750	13	16	11	11	9
	750-1500	17	22	17	15	11
	1501-6000	21	27	21	17	15
	>6000	23	29	23	21	17
60 mph	<750	17	22	15	13	11
	750-1500	22	29	21	17	13
	1501-6000	28	36*	25	21	16
	>6000	31*	40*	27	25	21
65-70 mph	<750	19	23	15	15	11
	750-1500	25	32*	21	19	14
	1501-6000	30	38*	27	23	18
	>6000	32*	42*	28	28	23

\* Use a **maximum clear zone** of 30 feet unless a site-specific investigation or accident history indicates a high potential of continuing accidents. When the potential for continuing accidents is high, the widths in the above chart should be multiplied by the following curve correction factors to extend the clear zone on the outside of curves having a Degree of Curvature of 2 degrees or sharper.

Degree of Curvature	HORIZONTAL CURVE CORRECTION FACTORS						
	Design Speed (mph)						
	40	45	50	55	60	65	70
2.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3
2.5	1.1	1.1	1.2	1.2	1.2	1.3	1.3
3.0	1.1	1.2	1.2	1.2	1.3	1.3	1.4
3.5	1.1	1.2	1.2	1.3	1.3	1.4	1.5
4.0	1.2	1.2	1.2	1.3	1.4	1.4	
4.5	1.2	1.2	1.3	1.3	1.4	1.5	
5.0	1.2	1.2	1.3	1.4	1.5		
6.0	1.2	1.3	1.4	1.4	1.5		
7.0	1.3	1.3	1.4	1.5			
8.0	1.3	1.4	1.5				
9.0	1.3	1.4	1.5				
10.0	1.4	1.5					
15.0	1.5						