

Design Speed (km/h)	Brake Reaction Time (s)	Brake Reaction Dist. (m)	Braking Distance (m)	Minimum Calculated SSD (m)	Rounded SSD for Design (m)
20	2.5	13.9	4.6	18.5	20
30	2.5	20.9	10.3	31.2	35
40	2.5	27.8	18.45	46.2	50
50	2.5	34.8	28.7	63.5	65
60	2.5	41.7	41.3	83.0	85
70	2.5	48.7	56.2	104.9	105
80	2.5	55.6	73.4	129.0	130
90	2.5	62.6	92.9	155.5	160
100	2.5	69.5	114.7	184.2	185
110	2.5	76.4	138.8	215.3	220
120	2.5	83.4	165.2	248.6	250

**STOPPING SIGHT DISTANCE
FOR PASSENGER CARS**

Figure 42-1A