

Design Speed (mph)	Brake Reaction Time (s)	Brake Reaction Dist. (ft)	Braking Distance (ft)	Minimum Calculated SSD (ft)	Rounded SSD for Design (ft)
15	2.5	55.1	21.6	76.7	80
20	2.5	73.5	38.4	111.9	115
25	2.5	91.9	60.0	151.9	155
30	2.5	110.3	86.4	196.7	200
35	2.5	128.6	117.6	246.2	250
40	2.5	147.0	153.6	300.6	305
45	2.5	165.4	194.4	359.8	360
50	2.5	183.8	240.0	423.8	425
55	2.5	202.1	290.3	492.4	495
60	2.5	220.5	345.5	566.0	570
65	2.5	238.9	405.5	644.4	645
70	2.5	257.3	470.3	727.6	730

**STOPPING SIGHT DISTANCE
FOR PASSENGER CAR**

Figure 42-1A