Design Speed, V (mph)	e	f_{max}	Minimum Radius, R_{min} (ft)
15	0.04	0.32	40
20		0.27	85
25		0.23	155
30		0.20	250
35		0.18	370
40		0.16	535
45		0.15	710
15	0.06	0.32	40
20		0.27	80
25		0.23	145
30		0.20	230
35		0.18	340
40		0.16	485
45		0.15	645

$$R_{\min} = \frac{V^2}{15(e + f_{\max})}$$

Note: The value of R_{min} *for design has been rounded up to the nearer 5-ft increment*

MINIMUM RADIUS
Low-Speed Urban Street, $V \leq 45$ mph

Figure 43-2B