



Design Speed (km/h)	D_E (m) ^① (Minimum)	Lane Drop ^③ Taper
50	60	20:1
60	100	25:1
70	145	45:1
80	215	50:1
90	295	60:1
100	440	65:1

Notes:

- ① D_E is that distance required by the vehicle to accelerate from a stop to 10km/h below the average running speed.
- ② If driveways are present, D_E may need to be increased.
- ③ Sharper taper rates may be used in urban areas: however, the taper lengths should be at least 90 m.
- ④ These criteria are for preliminary design purposes. The final design will be determined on a case-by-case basis.

EXTENSION OF ADDITIONAL THROUGH LANES

Figure 46-7A