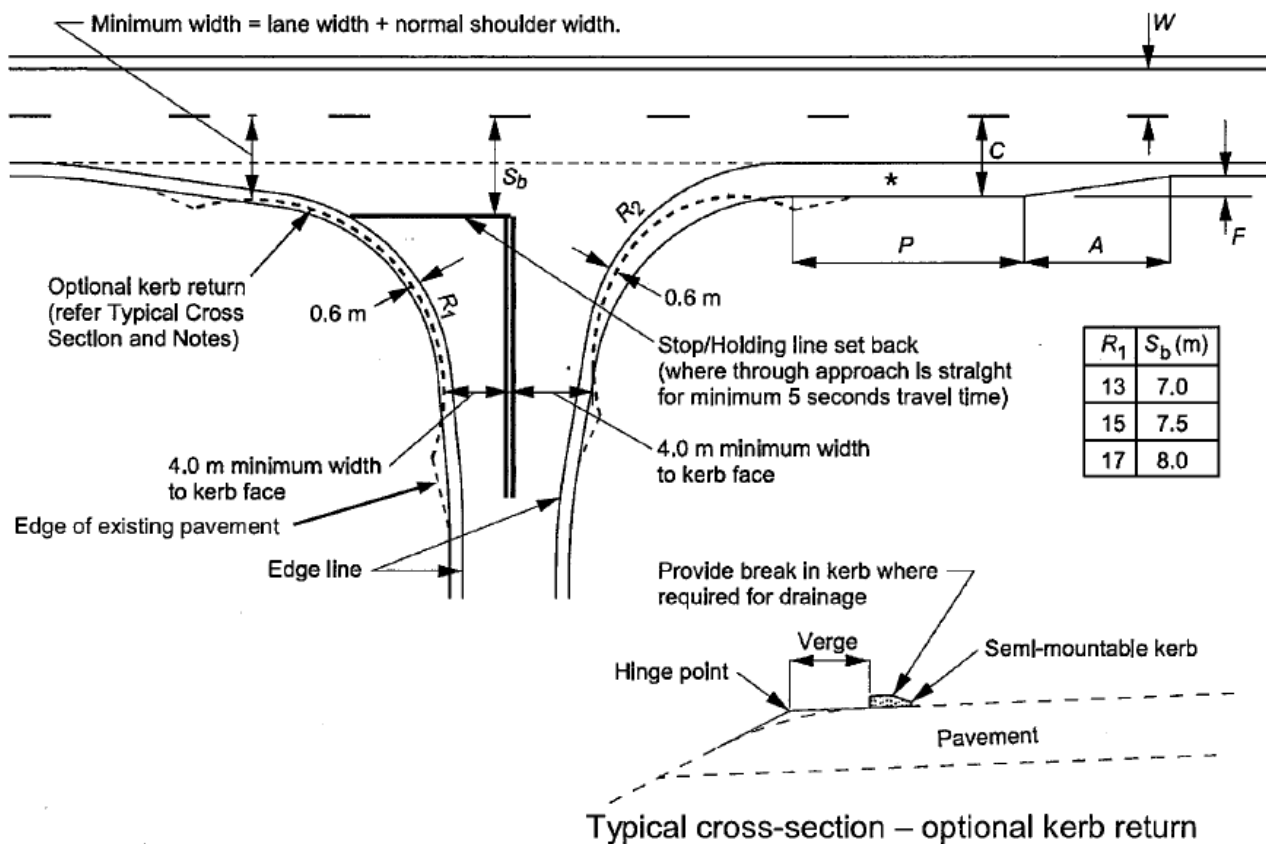


Figure 8.2: Rural basic left-turn treatment (BAL)

* It is preferred that the widened shoulder is sealed, unless the shoulder can be maintained with a sound and even surface.



Notes:

- R_1 and R_2 are determined by the swept path of the design vehicle.
- The dimensions of the treatment are defined thus:

W = Nominal through lane width (m) (including widening for curves).

C = On straights – 6.0 m minimum.

On curves – 6.0 m plus curve widening (based on widening for the design turning vehicle plus widening for the design through vehicle).

$$A = \frac{0.5VF}{3.6}$$

V = Design speed of major road approach (km/h).

F = Formation/carriageway widening (m).

P = Minimum length of parallel widened shoulder (Table 8.1).

S_b = Setback distance between the centre of the major road and the give way or stop line in the minor road.

Source: Department of Main Roads (2006)³⁵.

35 Department of Main Roads (2006) has been superseded and Figure 8.2 has not been carried forward into Queensland Department of Transport and Main Roads (2016).