

## C2.4 Level 1 worksite layout distances

Permanent speed limit or RCA-designated operating speed (km/h)		≤50	60	70	80	90	100		
<b>Traffic signs</b>									
A	Sign visibility distance (m)	50	60	70	80	90	100		
B	Warning distance (m)	30 or 50*	80	105	120	135	150		
C	Sign spacing (m)	15 or 25*	40	50	60	70	75		
<b>Safety zones</b>									
D	Longitudinal (m) <sup>+</sup> <i>+(Not required on LV roads)</i>	5 or 10*	15	30	45	55	60		
E	Lateral (m) <sup>+</sup> <i>+(Optional on LV roads)</i>	1	1	1	1	1	1		
<b>Tapers</b>									
G	Taper length (m) <sup>#</sup>	30	50	70	80	90	100		
G	LV roads taper length (m) <sup>#</sup>	25	30	35	40	45	50		
K	Distance between tapers (m)	40	50	70	80	90	100		
<b>Delineation devices</b>									
Cone spacing in taper (m)		2.5	2.5	5	5	5	5		
Cone spacing: Working space (m) <sup>##</sup>		5	5	10	10	10	10		
<p>* Larger minimum distances apply where there is more than one lane each way and on all state highways.</p> <p>+ On LV roads the longitudinal and lateral safety zones may be reduced, or eliminated, in order to retain a single lane width. Positive traffic control and an appropriate TSL are to be used.</p> <p># Where there are road environment constraints (including intersections and commercial accesses) a 10m taper with cones at 1m centres may be used for speeds 50km/h and under. This does not apply on state highways or where portable traffic signals, manual traffic controller (stop/go) or priority give way are used. On all roads tapers may be reduced to 30m where portable traffic signals, manual traffic controller (stop/go) or priority give way are employed.</p> <p>## LV roads: double the cone spacing alongside working space (eg 5 = 10, 10 = 20).</p>									
<b>Lane widths</b>									
(km/h)	30	40	50	60	70	80	90	100	
F	Lane width (m)	2.75	2.75	3.0	3.0	3.25	3.25	3.5	3.5

Except for delineation device spacings, which are maximum values, the distances specified in the above tables are minimum values.

### LV/low risk roads

Working on roads designated as LV/low-risk roads (less than 250vpd - less than 20 vehicles per hour), with clear sight distance to the operation and an operating speed of less than 65km/h:

- Use an appropriate advance warning sign (static installation) and amber flashing beacon(s) on working vehicle when on the shoulder.
- Consider stop/go or give way control of traffic when activity encroaches onto lane.

If the above requirements cannot be achieved, the operation must be modified to comply with the requirements of a higher risk rating.