

DESIGN VALUES AND DEVICE QUANTITIES

Sheet 1: Two lanes closed, 100 km/h freeway

Lane closure with merge, 2 lanes closed

ITEM	AGTTM 2026 REFERENCE	VALUE
TTM Category	Part 8 Section 3.2 (The road manager may allocate a different category): Expressways (freeway, motorway, tunnel) and their ramps	3
Speed limit on approach	Advance sign distances use this speed (Figure 2.2: higher limit for the first 200 m)	100 km/h
Speed past the works	Temporary speed limit	80 km/h
Advance sign spacing	Part 3 Table 2.2, measured from the first taper	100 m
Merge tapers (2, one lane at a time)	Part 3 Table 5.7	130 m × 2
Gap between merge tapers	Part 3 Table 5.8: one manoeuvre at a time (Section 5.9.1.4)	120 m
End taper	Lateral shift length × 2 lanes, Part 3 Table 5.7 and Section 5.9.1.2	160 m
Safety buffer	Part 3 Section 5.8.1 (Minimum unless a site-specific risk assessment says otherwise): 40 m exclusion zone in front of the TMA, plus about 10 m for the TMA	50 m
Arrow boards	Part 3 Section 5.8: at each taper where speeds are 60 km/h or more	2
ROADWORK 1 km AHEAD	Freeway advance warning (Part 3 Section 5.11 lists ROADWORK X km AHEAD)	1,000 m
Variable message sign	Part 3 Section 6.10.3	300 m
Cone spacing along the work area	Part 3 Table 5.3 at 80 km/h	18 m
Cone spacing in taper	Part 3 Table 5.3 at 80 km/h	18 m
END ROADWORK after works	Part 3 Table 3.2	100 m
Minimum gap between tapers	Part 3 Table 5.8	120 m
DEVICE QUANTITIES (PER SETUP)		
Lane status: LEFT 2 LANES CLOSED	1 Worker (symbolic)	1 ROADWORK AHEAD
Speed limit 80 km/h	1 ROADWORK 1 km AHEAD	1 Variable message sign (VMS)
END ROADWORK	1 Speed limit 100 km/h	1 Traffic cones
Arrow board	2 Truck mounted attenuator (TMA)	1 Sign stands / multi-message frames

Lane Draft (sample)

Prepared with Lane Draft · lanedraft.com.au

TRAFFIC GUIDANCE SCHEME

Freeway lane closure, two lanes

SCHEDULE

Design values and device quantities

LOCATION

Example St, Fitzroy VIC 3065

ROAD · ROAD AUTHORITY

Example Street · Local council (example)

TMP / PERMIT REF.

TMP-SAMPLE

WORK HOURS

9:30 am to 3:00 pm weekdays

STANDARD · SCALE

AGTTM 2026 · NOT TO SCALE

REVISIONS

REV	DATE	DESCRIPTION	BY
A	2026-10-06	Sample issue	Lane Draft

DESIGNED BY (TRAFFIC MANAGEMENT DESIGNER)

Name	Accreditation no.
Lane Draft	
Signature	Date
	2026-10-06

CHECKED / REVIEWED BY

Name	Accreditation no.
Signature	Date

APPROVED (ROAD AUTHORITY)

Name and position	Permit / approval no.
Signature	Date

DRAWING NO.

LD-SAMPLE-02-02

SHEET

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REV

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