TB5A-199 - DIAGONAL ROAD - KERB LANE WORKS - AUTO DRAFT - NOT READY TO ISSUE

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SET-UP ORDER (START AT 1)
1. Frames in tag order (#1, #2 ...): furthest upstream first, working inwards.
2. First direction of travel, then the second, then side roads.
3. Then the work-area devices: TCVs, cones, work area, then TCs.
4. Removal is the reverse: last on, first off.
(AGTTM Pt 6 / SA Std v8 installation order)
TC symbols drawn beside a TCV have a leader line: the TC stands at the TCV.
8 sign graphic(s) drawn just off their spot (no line) so they do not cover the road or another symbol: each sign stands at the kerb beside its graphic.

NOTES (CONTINUED)
10. Cyclists (- direction, OSM cycleway:left=lane/OSM cycleway=lane): bike lane closed (kerb lane shut for this direction); BICYCLE LANE CLOSED AHEAD (TM8-15A) 60 m before the merge, BICYCLE LANE CLOSED / CYCLISTS MERGE (TM8-16A) 5 m before the taper; 40 km/h zone gives the safe entry (AGTTM Pt3 3.10.2 item 5).
Advance signs: D minimum (SA Std v8 Table 6.1); house spacing 3D-4D at 50 km/h. On-site tolerance for the installing crew only: -10% / +25% (AGTTM Pt6 6.8).
! CHECK ON SITE: not fully checked - ground / drop-off unknown (elevation look-up failed) at 11 item(s); crests unknown (elevation look-up failed) at 8 item(s) - check on site (not counted as a pass).
! CHECK ON SITE: 2 bus stop(s) inside the signed zone (0 at the work area) - tell Adelaide Metro, relocate if blocked.
! NOT READY TO ISSUE: X-PARTLANE x1; X-WORKSIDE x1
! Road line moved 3.1 m onto the OpenStreetMap Diagonal Road carriageway at the work (the SA roads carriageway line sat toward the median, so the kerb lane, taper and lane line were a lane out) - check the kerb on the aerial (f03, Adrian 8 Nov Richmond Rd).

DIAGONAL ROAD (60 KM/H)

F #5
E #5
TCV
TC
TCV + FLASHING ARROW
60 m MERGE TAPER
45 m + taper + buffer
125 m
H #4
CYCLISTS MERGE HERE - BEFORE THE TAPER
D #3
C #3
G #7
I #2
75 m
B #1
G #6
A #1

Lambton Street
Pemberton Street
Richman Street
Finniss Street
Oaklands Park
Stop 29 Finniss Street East side
Stop 29 Finniss Street - West side
Stop 29E Diagonal Road South
Warren Court
Marion
David Jones
Oporto
Tea House Yum Cha
Target
Uniqlo
Salsa's Mex Grill
Subway
Westfield Marion Shopping Centre
Big W
Adairs
Lush
Harris Scarfe
New York Bar & Grill
Sushi Hiro
Grill'd
Nando's

NOTES (AUTO DRAFT - CHECK BEFORE USE)
NOT READY TO ISSUE (check failures the engine could not design out): X-PARTLANE x1; X-WORKSIDE x1
1. DIT State Maintained Road DIAGONAL RD (06608), 60 km/h, sealed (DIT open data).
2. Method: lane closed - merge taper (AGTTM Pt3 Table 5.7), safety buffer, cones along the work area (A whole lane). 40 km/h zone.
3. Frames both sides, mirrored, on the footpath/verge.
4. Affected direction only (A2): ROADWORK AHEAD + 40 pair 170 m, LANE CLOSED + 40 pair 125 m before the work (Field Guide Fig 5, AW 45 m); 60 m merge taper, 20 m buffer, no 40 repeater; END + 60 pair 65 m after (34 m past signals just past the work).
5. Crew: 1 TC at the work, 1 TCV in the closed lane (flashing arrow). Cover permanent speed signs in the 40.
6. 2026-11-23 09:00-15:00, 1 day(s).
7. Map: OpenStreetMap. No footpaths mapped here - sign positions estimated from road width.
8. Side roads in the zone signed: MARION SHOPPINGTOWN ACCESS.
KIT: 8 MMF frames (16 legs, 8 weights), 2 swing frames, ~31 cones, 1 TC, 1 TCV.
9. 4 other bus stop(s) within 400 m: keep them clear of signs and queues; Adelaide Metro notified.
(NOTES CONTINUED IN THE BOX ON THIS SHEET)

TRAFFIC GUIDANCE SCHEME - AUTO DRAFT - NOT FOR USE UNTIL REVIEWED BY A TMD

SCHEME ID: TB5A-199 | SHEET 1 OF 1 | SCALE 1:1250 AT A3
LOCATION: DIAGONAL ROAD
CONTROLS: KERB LANE WORKS
SPEED: posted 60 km/h, work zone 40 km/h
DATE / HOURS: 2026-11-23 09:00-15:00 (1 day(s))
AUTHORITY: DIT | STATE MANAGED ROAD: Y | BUS ROUTE: Y
PERMIT NO: _____ | DRAWING EXPIRY: _____
REV A 2026-11-13 AUTO DRAFT | DESIGNER: _____ | APPROVER: _____
REFERENCES: SA Standards for Workzone TM v8, DIT Supplement to AS 1742.3, AS 1742.3:2019, AGTTM
SAPOL 131 444 | TRAFFIC MANAGEMENT CENTRE 1800 018 313
INSTAQUIPT PTY LTD ABN 75 692 414 412 | 0424 325 115 | adrian@instaquipt.com.au
STATEMENT OF COMPLIANCE: This TGS shall only be installed by a certified traffic management operator. Changes beyond allowable tolerances are a hold point needing approval from a certified Traffic Management Planner. Devices to the SA Workzone Traffic Management Standard and AS 1742.3:2019. Review if site conditions differ from the assumptions.

0 50 100 150 200 m
SCALE 1:1250 AT A3

LEGEND

TC	TRAFFIC CONTROLLER (TC)
TCV	TCV WITH ARROW BOARD
-	WORK AREA (yellow)
-	CONES (orange cone symbols)
-	DIMENSION LINE (arrows: distance between d..
	FRAMES (MMF 1200x900: 2 squares over 1 pla..
A	x1 FRONT WORKER | 40 / ROADWORK AHEAD
B	x1 FRONT 40 | WORKER / ROADWORK AHEAD
C	x1 FRONT LANE CLOSED | 40 / BLANK
D	x1 FRONT 40 | LANE CLOSED / BLANK
E	x1 FRONT END ROAD WORK | 60 / BLANK
F	x1 FRONT 60 | END ROAD WORK / BLANK
G	x2 FRONT 40 | WORKER / ROADWORK AHEAD
	BACK END ROAD WORK | 60 / BLANK
H	x1 FRONT BICYCLE LANE CLOSED | BLANK / CYC..
I	x1 FRONT BICYCLE LANE CLOSED AHEAD | BLANK

COVER OTHER SIGNS ON SITE

COVER

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