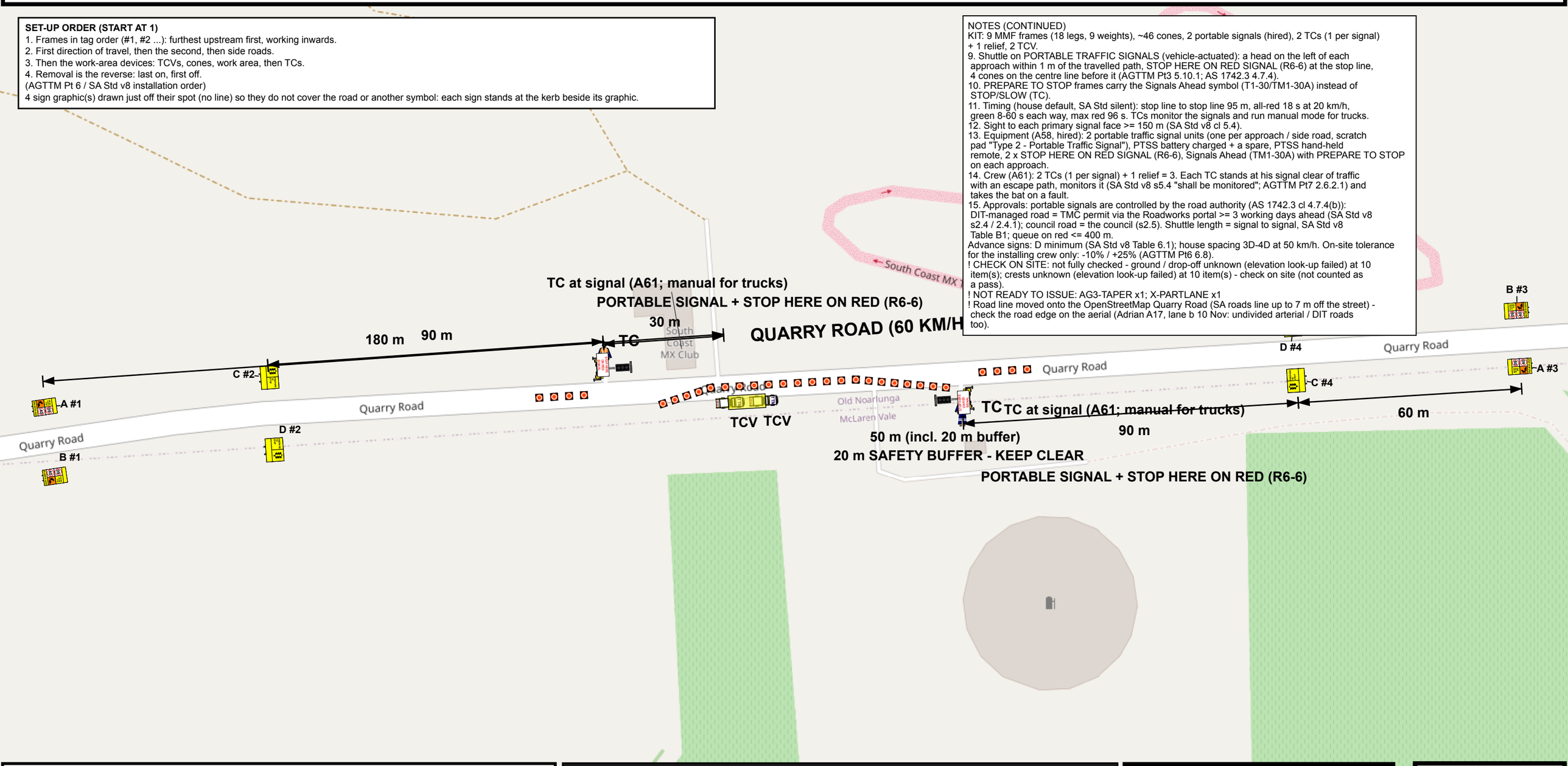
TA2C-1235 - QUARRY ROAD - SHUTTLE - PORTABLE SIGNALS - AUTO DRAFT - NOT READY TO ISSUE

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)
4 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)
KIT: 9 MMF frames (18 legs, 9 weights), ~46 cones, 2 portable signals (hired), 2 TCs (1 per signal) + 1 relief, 2 TCV.
9. Shuttle on PORTABLE TRAFFIC SIGNALS (vehicle-actuated): a head on the left of each approach within 1 m of the travelled path, STOP HERE ON RED SIGNAL (R6-6) at the stop line, 4 cones on the centre line before it (AGTTM Pt3 5.10.1; AS 1742.3 4.7.4).
10. PREPARE TO STOP frames carry the Signals Ahead symbol (T1-30/TM1-30A) instead of STOP/SLOW (TC).
11. Timing (house default, SA Std silent): stop line to stop line 95 m, all-red 18 s at 20 km/h, green 8-60 s each way, max red 96 s. TCs monitor the signals and run manual mode for trucks.
12. Sight to each primary signal face >= 150 m (SA Std v8 cl 5.4).
13. Equipment (A58, hired): 2 portable traffic signal units (one per approach / side road, scratch pad "Type 2 - Portable Traffic Signal"), PTSS battery charged + a spare, PTSS hand-held remote, 2 x STOP HERE ON RED SIGNAL (R6-6), Signals Ahead (TM1-30A) with PREPARE TO STOP on each approach.
14. Crew (A61): 2 TCs (1 per signal) + 1 relief = 3. Each TC stands at his signal clear of traffic with an escape path, monitors it (SA Std v8 s5.4 "shall be monitored"; AGTTM Pt7 2.6.2.1) and takes the bat on a fault.
15. Approvals: portable signals are controlled by the road authority (AS 1742.3 cl 4.7.4(b)): DIT-managed road = TMC permit via the Roadworks portal >= 3 working days ahead (SA Std v8 s2.4 / 2.4.1); council road = the council (s2.5). Shuttle length = signal to signal, SA Std v8 Table B1; queue on red <= 400 m.
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 10 item(s); crests unknown (elevation look-up failed) at 10 item(s) - check on site (not counted as a pass).
! NOT READY TO ISSUE: AG3-TAPER x1; X-PARTLANE x1
! Road line moved onto the OpenStreetMap Quarry Road (SA roads line up to 7 m off the street) - check the road edge on the aerial (Adrian A17, lane b 10 Nov: undivided arterial / DIT roads too).



NOTES (AUTO DRAFT - CHECK BEFORE USE)
NOT READY TO ISSUE (check failures the engine could not design out): AG3-TAPER x1; X-PARTLANE x1
1. Council road, 60 km/h from map data (OpenStreetMap: 60 at the site and within 300 m). Check on site..
2. Method: one lane shut on a two-lane road - shuttle, traffic takes turns past the work (portable traffic signals each end) (Part of a lane / the shoulder). 40 km/h zone.
3. Frames both sides, mirrored, on the footpath/verge.
4. Each approach: portable signal + STOP HERE ON RED (R6-6) at the stop line 30 m before the work area, 40 repeater pair, PREPARE TO STOP pair and ROADWORK AHEAD pair each D = 45 m further out (SA Std v8 s6.3.1 / Tables 6.1 + 6.4, over AGTTM in SA); end-of-queue protection if the queue passes the PREPARE TO STOP by more than D (SA Std v8 s6.3.2). Centreline cones through the work.
5. Crew (A61): 2 TCs (1 per signal) + 1 relief, 2 TCV. Equipment (hired): 2 portable signal units, PTSS battery (+ spare), PTSS remote, 2 x R6-6. Cover speed signs.
6. 2026-11-16 09:00-15:00, 1 day(s).
7. Map: OpenStreetMap. No footpaths mapped here - sign positions estimated from road width.
(NOTES CONTINUED IN THE BOX ON THIS SHEET)

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

SCHEME ID: TA2C-1235 | SHEET 1 OF 1 | SCALE 1:1000 AT A3
LOCATION: QUARRY ROAD
CONTROLS: SHUTTLE
SPEED: posted 60 km/h, work zone 40 km/h
DATE / HOURS: 2026-11-16 09:00-15:00 (1 day(s))
AUTHORITY: COUNCIL | STATE MANAGED ROAD: N | BUS ROUTE: CHECK
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 20 40 60 80 m
SCALE 1:1000 AT A3

LEGEND

TC	TRAFFIC CONTROLLER (TC)
TCV	TCV WITH ARROW BOARD
-	WORK AREA (yellow)
-	CONES (orange cone symbols)
-	STANDARD SIGN (80 km/h)
-	DIMENSION LINE (arrows: distance between d.. FRAMES (MMF 1200x900: 2 squares over 1 pla..
A	x2 FRONT WORKER | 40 / ROADWORK AHEAD BACK 60 | END ROAD WORK / BLANK
B	x2 FRONT 40 | WORKER / ROADWORK AHEAD BACK END ROAD WORK | 60 / BLANK
C	x2 FRONT SIGNALS AHEAD | PREPARE TO STOP /..
D	x2 FRONT PREPARE TO STOP | SIGNALS AHEAD /..

COVER OTHER SIGNS ON SITE



Map © OpenStreetMap contributors