

# TRAFFIC GUIDANCE SCHEME

CLIENT

Townsville City Council

## NOTES:

This TGS is for site access and footpath closure to carry works for the Townsville City Council Wellington Street Depot Project. Work times are Mon - Fri 6.30am to 6pm.  
 No parking of trucks in residential streets blocking driveway accesses.  
 Refer to TGS 01A for Aftercare and TGS Note Sheet for set up guidance.

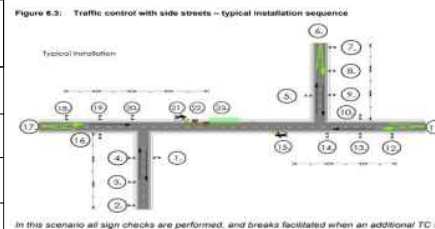
DATE	04/03/2023	TMR Registration #	1331	REVISION & DATE	A 04/03/2023	PROJECT	Wellington Street Depot	SITE CONTACT	Bernie Travers 0412 556 116
DESIGNER TMD	Steve Haines (O) #264	TMD SIGNATURE			TCP Designs 0407 734 398	TGS NAME	Site Access and Footpath Closure	TGS NUMBER	<b>TGS-01</b>


**Notes to TGS:**

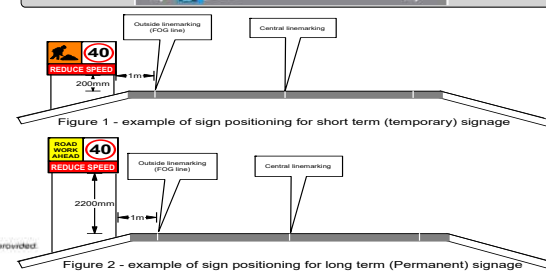
1. A site based risk assessment must be carried out by a competent person to ensure the details of this plan can be carried out to suit site distances, vision, work tasks and the requirements of QGTTM & AGTTM Parts 1 - 10
2. Drawings are not to scale, locations are indicative only and must be assessed on site and adjusted if required
3. A site prestart meeting is to be undertaken prior to the start of works to ensure all workers understand the work activities and details of this TGS.
4. Copies of current licenses and permits (i.e. TMR) must be kept on site and sighted by the Site Supervisor.
5. Signs and devices shall be set out by or under the supervision of a Traffic Management Implementation (TMI) qualified officer.
6. Signs and devices are to be set out in the following sequence and removed in the reverse order: see Figure 4.1. - i. Advanced warning and regulatory signage (Road Work Ahead and Workers Symbolic), ii. Termination Signage, iii. Intermediate advanced warning and regulatory signage and devices in advance of the taper or start of the work area, iv. Delineating devices to form taper, v. Delineation of the work area.
7. Signage is to be placed 1 metre clear of the travelled path - signage not to obstruct traffic or pedestrians. See Figure 1
8. Short Term (Temporary) Signage in place for a single shift or up to 2 weeks Maximum can be mounted 200mm from the level of the ground surface to the bottom edge of the sign See Figure 1. Long Term (Permanent) Signage shall be mounted via frangible steel posts/brackets and either wizard sockets or concreted in ground (or similar method).
9. Signage should face toward the approaching traffic at approximately right angles to the line of sight of drivers.
10. Signs should be duplicated on the right hand side of the road of a one way or multilane divided road where possible or on highway for extra notification if required.
11. Workmen and traffic light signage shall be removed or covered (with opaque material) when there are no workers/ traffic controllers present - see aftercare TGS.
12. In areas where workers are required to stand in traffic lane, a lookout person is to be used in conjunction with signage to warn worker/s to vacate roadway. Work to be carried out in between gaps of traffic.
13. 700mm cones or 750mm bollards should be used to delineate the work area. Lateral shift taper spacing - 4m, outer edge of traffic lane spacing - 4m (spacing may need to be reduced on curves or crests).
14. A minimum of 3 metres of lane width is to be retained for each open traffic lane, with 0.5m clearance to nearest obstacle (cones or bollards).
15. Traffic Controllers shall wear high visibility clothing as specified in the Traffic Controller Accreditation Scheme Approved Procedure (TCASAP) January 2017.
16. Existing regulatory or advisory signage that conflicts with this TGS shall be removed or covered with dense fabric (or similar).
17. Work should be carried out outside peak times (e.g. school times) where possible.
18. All personnel shall wear high visibility clothing while on or adjacent to the travelled path.
19. Plant, vehicles and other items are not to be stored or erected in positions where they may create a hazard, obscure signs or block line of sight for approaching drivers.
20. All plant and vehicles operating on the roadway shall be equipped with vehicle mounted warning devices.
21. All signage shall be Class 1W sheeting as specified in AS 1906.1.
22. TMI qualified officer shall conduct signage and work site checks prior to shift or placement (pre-start) & at regular intervals - this is to be documented using a Daily Inspection Report or similar e.g. Assignit.
23. Any changes required to the TGS (outside the scope of a TMI) shall be reported to a TMD officer immediately for approval or adjustment.
24. Excavation Works - must be carried out in accordance with AGTTM Part 3 see Table 6.1 below or contact TMD qualified officer for further advice.
25. Any excavations should be protected while workers not on site with a minimum 900mm high temporary fencing (such as Parra webbing) or 1.8m temporary fencing can be used but must be placed 1.8m away from trafficable lane or completely braced off so it cannot fall over and interfere with the trafficable lane.
26. Carry out works in times allocated only – shuttle flow times as stated on the TGS
27. In case of an incident - Call 000 if accidents occur needing assistance and instigate site emergency plan – (part of site safety management plan), if accident occurs within the vicinity of the worksite then supervisors and traffic controllers to encompass the accident area if possible and assist in first aid, all other personnel to stop work and gather at the nearest assembly point until cleared to return to work & document all incidents / accidents and take photos for record purposes
28. Removal of signs to be conducted as per the sites SWMS and methodology to be discussed at prestart before works commence
29. Delivery vehicles should first report to the site office to ensure Supervisor aware of delivery and sign onto site pre-start or visitors induction. Delivery vehicles including tipplers shall not use the Taper or Safety buffer for entry/exit or parking (these areas are to be left clear at all times) provisions should be made to either exit delivery vehicles off prior to these points or a gap can be left in the delineation to allow entry exit suggest blue coloured cones/bollards to help delivery vehicles identify when approaching.
30. For areas of no existing pedestrian facilities, pedestrians that may want to access the area to be allowed through or past the work site via stop work crews to allow pedestrians to safely pass, guide any potential pedestrians or ask if they require assistance, ensure no trip hazards are present maintaining minimum 1m area. For areas where facilities are existent then all controls on the TGS must be followed
31. When setting out signs and devices a lookout person will be made available with minimum 150m sight distance along with vehicles used in setting out to have vehicle mounted warning device.
32. Set out signage in order of figure 6.3 below.
33. Spotter / vehicle driver will call out or sound horn to notify workers when a vehicle is approaching their area.

Table 6.1 from AGTTM Part 3  
Protection/Delineation Adjacent to Excavations

Sign Set out tolerances - 40 - 50 KPH			Speed of Traffic (posted speed limit during road-works)	Traffic Volume (2 way road - sum of both directions)	Clearance to excavation (nearest edge to traffic lane in m)	Depth of Excavation, mm		
Distance (m)	Minimum (-10%)	Minimum (+25%)				STD = Standard Delineation - 12m @ 60km/h or 18m above 75km/h CLS = Close Delineation - 4m spacings all speeds		
30m	27m	37.5m				50 to 250mm	260 to 500mm	> 500mm
60m	54m	75m						
80m	72m	100m						
100m	90m	125m						
160m	144m	200m						
200m	216m	250m						
240m	180m	260m						



Sight Distances to Traffic Control Devices	
Speed (km/h)	Distance (m)
≤ 45	50
46 - 55	70
56 - 65	90
≥ 66	Two times the speed (km/h)



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To be printed in A3

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**NOTES:**

This TGS Note Sheet is for a guidance on traffic management and signage set-up as part of the Wellington Street Mundingburra Project To be used in conjunction with each individual TGS To be printed out and kept with TGS at all times

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DESIGNED BY	Steve Haines	TMD SIGNATURE			TCP Designs 0407 734 398	TGS NAME	TGS Note Sheet	TGS NUMBER	<b>TGS Note Sheet</b>