

# LOCAL TRANSPORT FORUM MINUTES

Meeting No: 3-25/26 File No SO30-T00018

**Date:** Thursday October 9 **Time:** 9:30am

**Location:** Eurobodalla Shire Council – Glass Meeting Room

#### **ITEM 1 - ATTENDANCE & APOLOGIES**

#### **ATTENDANCE**

Councillor Amber Schutz (Chair), Thomas Franzen (ESC Division Manager, Technical Services), Katherine Buttsworth (ESC Road Safety Officer). Daniel Weekes (ESC Traffic Coordinator), Senior Sgt Angus Duncombe (NSW Police), Scott McNairn (ESC Events Coordinator), Brad Ross (Transport for NSW), Emma Phillips (Transport for NSW), Lisa Miller (Member for Bega Representative) and Sheree Ward (ESC Infrastructure Support Officer).

#### **APOLOGIES**

Geoff Armstrong (ESC Design Coordinator), Kelly-Ann Marshall (ESC Surveillance Officer), Chief Inspector John Sheehan (NSW Police), James Thompson (ESC Transport and Stormwater Engineer) Donna Binns (Transport for NSW), Senior Sgt Scott Britt (NSW Police)

#### **ITEM 2 – DEPUTATIONS**

NIL

#### ITEM 3 – CONFIRMATION OF PREVIOUS MINUTES

The minutes of the Local Traffic Committee No. 2 for 2025-26 held 11 September 2025 were accepted.

#### **ITEM 4 - OUTSTANDING ITEMS**

2025.RT.014.372 - Intersection of Murray and Hawdon Street, Moruya RM349261/25

2025.RT.014.373 - Intersection of Murray and Hawdon Street, Moruya RM349262/25

2025.RT.015.375 - Intersection of Murray and Thomas Street, Moruya RM349267/25

2025.RT.015.374 - Intersection of Murray and Thomas Street, Moruya RM349266/25

2025.RT.016.376 - Intersection of Evans and Albert Street, Moruya RM349272/25

2025.RT.016.377 - Intersection of Evans and Albert Street, Moruya RM349275/25

2025.RT.017.378 – Albert Street, Moruya RM349279/25

2025.RT.017.379 – Albert Street, Moruya RM349280/25

2025.RT.021.383 – George Bass Drive, Garlandtown RM350646/25

2025.RT.024.388 - Wallarah Street, Surfside RM351475/26

2025.RT.028.393 - George Bass Drive, Malua Bay - Roundabout - RM352448/26

2025.RT.028.394 – George Bass Drive, Malua Bay – Roundabout - RM352450/26

2025.RT.001.397 - Turnbulls Lane, Mourya - RM353851/26

2025.RT.001.398 - Turnbulls Lane, Moruya - RM353852/26

2025.RT.002.399 – Evans Street, Mourya Pedestrian Refuge RM353863/26



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2025.RT.002.400 - Evans Street, Mourya Pedestrian Refuge RM353867/26

2026.RT.005.403 - Sunpatch Parade, Tomakin - RM354678/26

2026.RT.007.405 - George Bass Drive, Catalina - RM354688/26

# ITEM 5 - ROAD TRANSPORT (SAFETY & TRAFFIC MANAGEMENT) ACT ITEMS FOR DETERMINATION

No Items listed

#### ITEM 6 - INFORMAL ITEMS FOR DISCUSSION

#### 6.1 2026.SE.004 Inward Bound 2025

#### RECOMMENDATION

That the submitted Traffic Management Plan and inclusive Traffic Guidance Scheme for the Inward Bound orienteering event to be held west of Batemans Bay and Moruya, from Friday 10 until Saturday 11 October 2025 be approved.

#### **BACKGROUND**

Inward Bound is a long-distance orienteering event, held by ANU. It has a long history, beginning in 1962. While it has evolved over the years - teams are blindfolded and sent to 'start points' across QPRC, Shoalhaven and Eurobodalla LGA's. Teams use maps and compasses to navigate to a finish line. The event is held west of the Princes Highway, mostly in State Forest. The event will cross the Kings Highway at 3 locations in Eurobodalla Shire with the assistance of traffic control. A ROL has been supplied.

#### **CONCLUSION**

Approval of the Traffic Management Plan and inclusive Traffic Guidance Scheme for Inward Bound 2025 will enable the event to proceed.

#### 6.2 2026.SE.005 Crank It Up 2025

#### RECOMMENDATION

That the submitted Traffic Guidance Scheme for the Crank It Up 2025 event to be held at Clyde Street reserve, Batemans Bay, on Saturday 15 and Sunday 16 November be approved.

#### **BACKGROUND**

Crank It Up is a three-day rock 'n' roll festival in Batemans Bay, featuring live music, classic cars, and dancing. The annual event is hosted by Batemans Bay Rock N Rollers and will take place on the 15 and 16 of November 2025, with approximately 3,500 daily visitors. The event includes a 45-minute classic car cruise from Clyde Street Batemans Bay to Bodalla from 11am until 11.45am on Friday 14 November. The cruise will include approximately 140 classic cars and does not involve road closures or altered traffic conditions. Vehicles will adhere to all NSW road rules during the



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cruise.

#### **CONCLUSION**

Approval of the Traffic Guidance Scheme for Crank It Up 2025 will enable the event to proceed.

#### 6.3 2026.IN.002 Authorisation-Delegation to Councils

#### **BACKGROUND**

From 1 August 2025 Transport for NSW revoked the 2011 Delegation to Councils and 2023 Temporary Delegation. This has been replaced by the new 2025 Authorisation-Delegation and the introduction of a new Local Traffic Committee (LTC) model called the Local Transport Forum (LTF)

Transport have supplied a briefing pack to LTF members that provides an overview of these important changes.

**ITEM 7 – GENERAL BUSINESS** 

**ITEM 8 – DEVELOPMENT APPLICATIONS** 

**ITEM 9 – NEXT MEETING** 

13 November 2025



# **Traffic Management Plan**

(TCAWS Manual Appendix A.2.3 checklist)

TCAWS TMP-01

Details the work to be undertaken, identifies the associated traffic management risks and accepted control measures to eliminate or reduce those risks.

#### **Disclaimer**

While care and diligence has been taken to produce the checklists, templates, and example documents (Documents), no responsibility is taken, or warranty made with respect to the accuracy or correctness of the Documents. Transport for NSW expressly disclaim all liability for any omissions, errors, inaccuracy, or incompleteness of any of the Documents and the consequences upon reliance of the Documents.

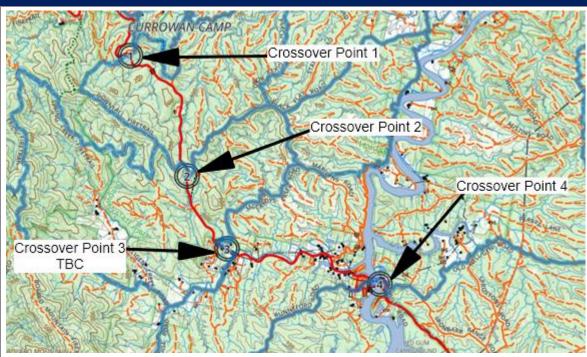
The Documents are provided for general information purposes only. While every attempt has been made to align these documents with the Traffic control at work sites (TCAWS) Technical Manual, the Documents provided are only examples. The use of these Documents may not fulfill all the relevant requirements in the latest release of the TCAWS Technical Manual. It is the obligation of the user to ensure that appropriate modifications are made to meet the requirements of the TCAWS Technical Manual.

Disclaimer updated on 20 October 2023, 9:00am

Prepared by			
Name:	Phillip Belo	Role:	Traffic Plan Designer
Card number:	TCT0059235	Organisation:	TMPACS
Signature:	RES	Date:	25/07/2025

Location of wo	Location of works				
Project	Inward Bound Foot Race  Various Locations  Race Event 10 <sup>th</sup> – 11 <sup>th</sup> October 2025				
Activity / work	Traffic Management on Kings Highway at various points for footrace				
Location	Kings Highway Currowan				

# Location of works



Site Layout

Crossover Point 1



Crossover Point 2



#### **Location of works**

**Crossover Point 4** 



Dates relevant for TMP work

TBC by contractor

**Traffic Management Strategy (TMS) Verification** 

# ☐ No Has the TMS been received and attached to this TMP? If "no" has been selected a TMP should not be developed until TMS information is obtained Provide updated information regarding TMS if required Crossover Point 1 Current existing speed limit/s Kings Highway Currowan - 70km/hr Western Distributor Road - 50km/h Crossover Point 2 Kings Highway Currowan - 70km/h Crossover Point 4 Kings Highway Nelligen - 80km/h Wharf St Nelligen - 50km/h Old Nelligen Road - 50km/h Braidwood St Nelligen - 50km/h Runnyford Rd Nelligen – 50km/h

Araluen Road Araluen - 100km/h

Traffic Management S	Strategy (TMS) Verification				
Updated traffic data	Traffic volumes (ADT): estimates of 3,000 – 5,000 vpd with weekend peaks due to holiday/Canberra weekenders  Hourly traffic volumes :N/A  Peak times AM:		Traffic volumes (AADT): if available		
			Operating speed: N/A		
			Peak times PM:		
Traffic composition	□ OSOM	☐ Heavy vehi >30(		☐ Permit vehicle routes	
If yes provide details	Details:				
Site and work specific considerations	Nil				
Additional options available	For additional options identified completed	d, the process (	of assessment o	outlined in the TMS must be	

Decision point: Tempo	orary Traffic M	anagement Method					
Was an options assessment completed by the client?		□ No to minimise impact on traffic flow would be to require a speed reduction crossing controllers when participants cross the Kings Highway.					
Summary of TMS options			spotters and Crossing Controllers to be ad users (participants crossing highway)				
TTM method	☐ Around Option Selected	☐ Past d: nominate option select	☑ Through				
Justification	roads or bush, s Spotters and Cr passage is avai they are not per and that they ar	so will not impact on roac rossing Controllers will be ilable. As part of participa rmitted to use roads class	ling forest area or on the use of fire trails, local lusers, when participants impact the roadway, e established to advise participants of when safe int induction, participants will be instructed that sified as high risk, including the Kings Highway at the designated crossing points, controlled by				

Traffic Management Planning							
TTM type	☐ Mobile		☐ Low impact		⊠ Sta	⊠ Static	
Will lane or shoulder widths need to be modified?	□ Yes			⊠ No			
	If yes provide justifications and drawings: Parking lane to be delineated with cones – TGSs attached						
Specific road users impacted	☐ Pedestrians	□ Pedestrians ⊠ Cyclists		⊠ Motorcyclist		□ OSOM	
	☐ Freight Industry ☐ Persons with disability, prams or children		☐ Public transport ☐ Other e.g. bus, tram.		☐ Other		
	Minimal Impact to road users as travel lanes will remain open at all times with only a speed reduction and advanced warning signage in place.						

	Counci	il Consent Requirements:
	a)	Traffic control planning for each of the various crossover points and vehicle movements associated with construction:
		Refer to TGSs attached to this TMP.
	b)	Parking arrangements
		Parking will not be affected nor required for this Traffic Management Plan
	c)	Pedestrian and cyclist safety:
		Pedestrians will be guided past the worksite.
		Cyclists catered for as normal road users
	d)	Speed zone restrictions:
		<ul> <li>Only during designated crossing points as shown on TGSs</li> </ul>
Additional location specific requirements to be considered?	Nil	

Risk assessment								
Undertake and attach to th	Undertake and attach to this TMP a risk assessment of the proposed works with the determined strategy.							
List of sources of information used in risk assessment	TCAWS Version 6.1 2022							
Has the risk assessment considered?	<ul><li>☑ Proximity of traffic</li><li>☑ Queued traffic</li></ul>		☐ High traffic volume	☐ Traffic speed and compliance behaviour				
	☐ Traffic composition	<ul><li>☑ Exposure and proximity of workers to live traffic</li></ul>	⊠ Length of delays for road users	☐ Traffic generating land use (hospital, mine, school)				
	<ul><li>☒ Non-compliance</li><li>with temporary</li><li>speed limits</li></ul>	☐ Reduced lane and shoulder widths	☐ Compromised access points	☐ Site vehicle access and egress points				
	☐ Horizontal (curves) and vertical (crests/sags) alignment	☐ Utilities including above and below services	☐ Crash history	☐ Topographical constraints				
	⊠ Sight distances	⊠ Emergency services	☐ Car parking impacted	☐ Transport services (bus stops etc)				
	☐ Access to private and commercial properties		☐ Special events or high risk venues	☐ Other				

Risk assessment						
Key risks identified as a result of works:	Speeding T	raffic				
Specific controls require	d:					
Protection of workers	□ Barriers		☐ Delineation	n	⊠ Other	
		uctions, crossing co points. Please see		•	in place for each of the four	
Will a speed restriction be required?	⊠ Yes			⊠ No		
	vary for each	ch spotters will con out likely timing of ise the impact of t	nmunicate wit the first partic he speed redu	th the crossing co	by participants. These may controller crews at each the last participants cross, so	
End queue management strategy:		s will remain open				
Delineation of site	No delineat	tion will not be requ	uired as no la	nes will be obstru	ucted or impacted.	
Emergency service access and notification	need to pas access thro	ss the site when ur	nder traffic con e emergency	ntrol, Traffic Con	e. Should emergency vehicles trollers will provide priority vehicles to alternative routes	
Relevant Documentati	on					
Have the following <i>manda</i>	ntory docume	ents been provided	d as part of the	e overall TMP?		
⊠ All approved TGS requ	ired	⊠ Road Occupa	ncy Licence		s showing access to local es or side roads	
☐ WHS documentation	ntation		of TTM persor	nnel	cle movement plans	
☐ Traffic incident plans	Traffic incident plans					
STOP: If one	of the above	documents has n	ot been selec	ted the TTMP ca	nnot be approved	
Other documents provided						

Relevant Documer	ntation					
☐ Traffic staging arrangements including Traffic Staging Plans			g Traffic Staging	⊠ Speed Zone Authorisation		
☐ Design drawings				☐ Council permits		
☐ Pedestrians and cy	clists mo	vement p	lans	☐ Consultation with	n public transport operator	
☐ Other:						
Monitoring activities	es requi	red				
Person responsible fo	r monitor	ing <i>daily</i> ⅂	TM work activitie	S		
Name:				Role:	Traffic Control Auditor	
Unit:				Division:		
Qualification:	PWZTI	MP		Card Number:		
Comments:						
Person responsible fo	r TTM wo	orks				
Name:	TBC			Role:	Traffic Control Team Leader	
Unit:				Division:		
Qualification:	PWZTI	MP		Card Number:		
Comments:						
Review activities r	equired					
Activity	Require	ed .	Frequency or d	etails		
Shift inspections	⊠ Yes	□ No	Sign checks eve	ry 2 hours whilst und	ertaking stop slow	
Weekly Inspections	☐ Yes	⊠ No				
TMP review	⊠ Yes	□ No	As required if ch	anges are needed		
Road safety audit	□ Yes	⊠ No				
Other:	□ Yes	□ No				
Other:	□ Yes	□ No				

Worwd

Monitoring activities required							
Comments:							
Endorsed by (when a Principal Contractor undertaking the work)							
Name:	Cecily Reid						
Role:	Race Director	Organisation	Inward Bound				
Signature:		Date:					
Approval							
I have reviewed the rel TTM Plan.	evant documents for the works and	approve works to be	completed in accordance with the				
Name:	Mike Dowd						
Qualification:	PW7TMP	Card Number:	TCT1056039				

Division:

Date:

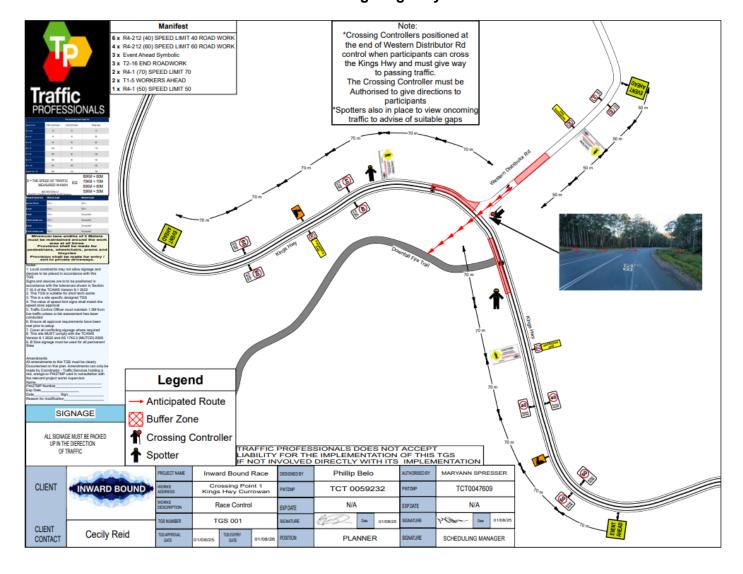
General Manager

Unit:

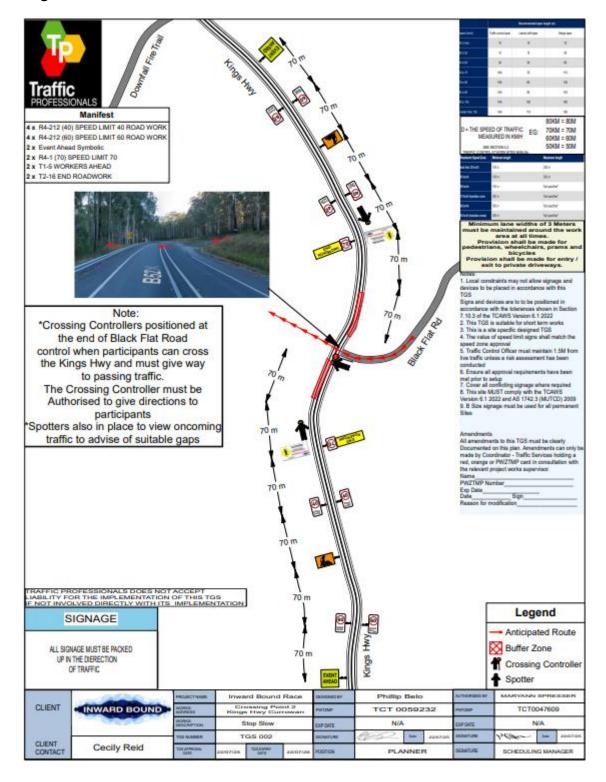
Signature:

#### Approved TGSs (3)

#### TGS-001- Inward Bound Crossover Point 1 – Kings Highway Currowan

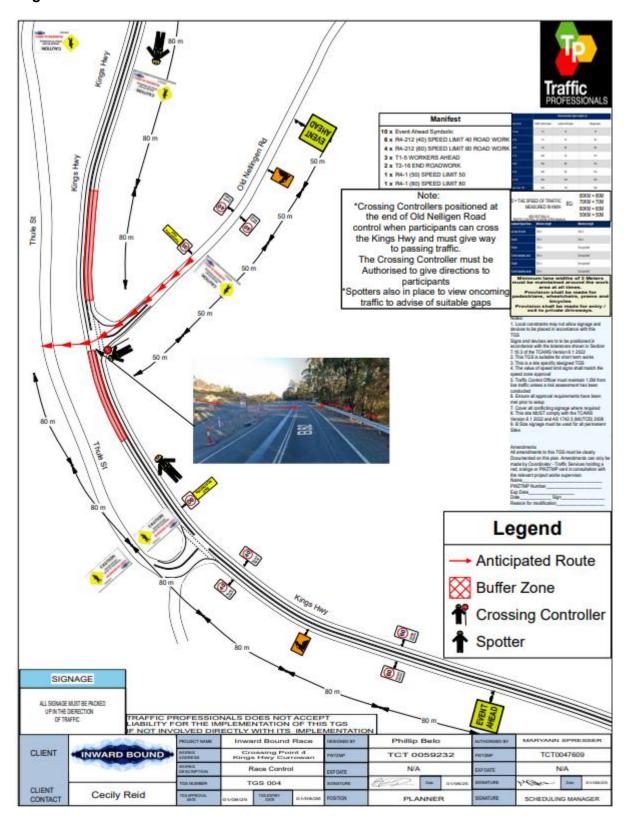


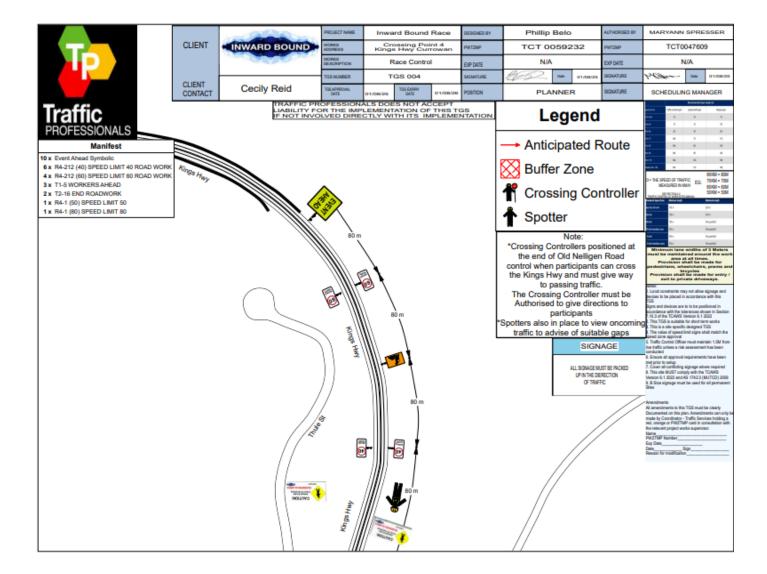
#### TGS-002 - Inward Bound Crossover Point 2 - Kings Highway Currowan



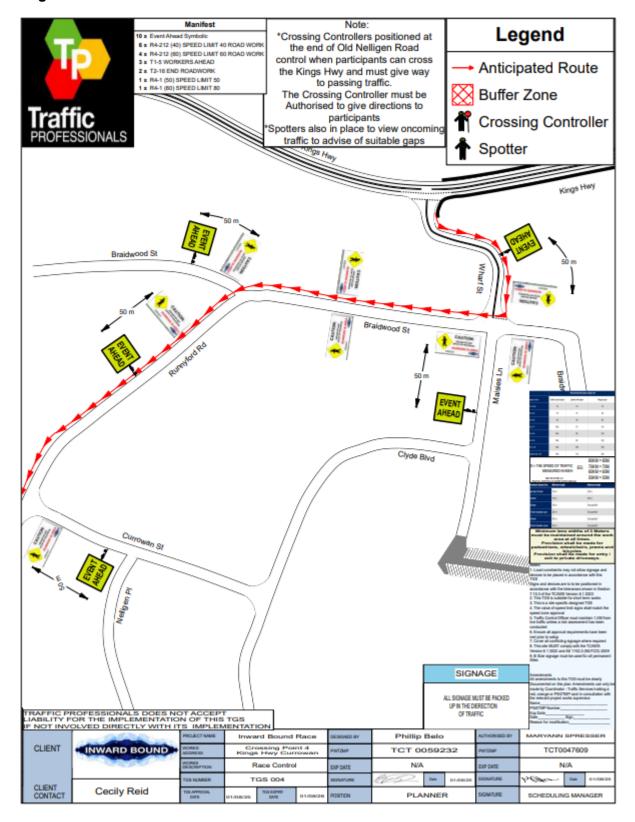
#### TGS-004 - Inward Bound Crossover Point 4 Kings Highway Nelligen

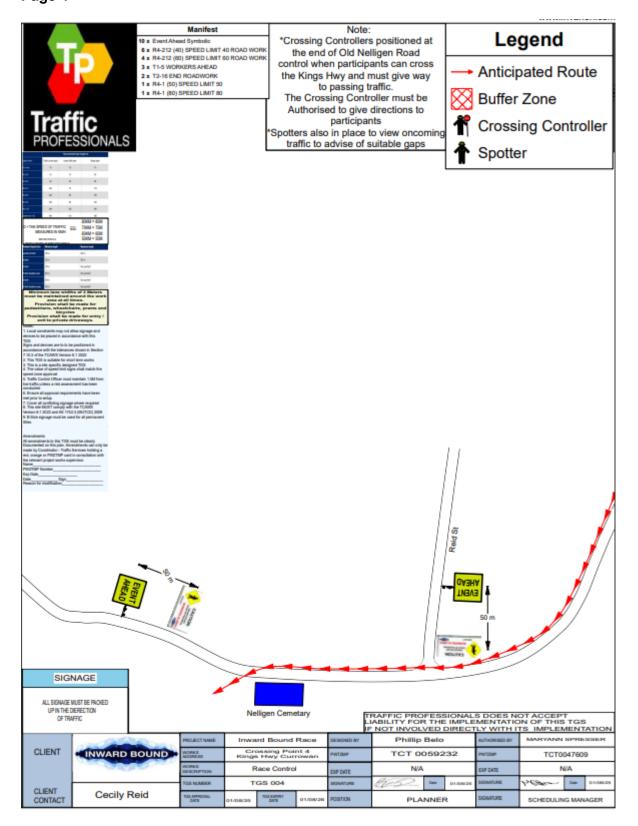
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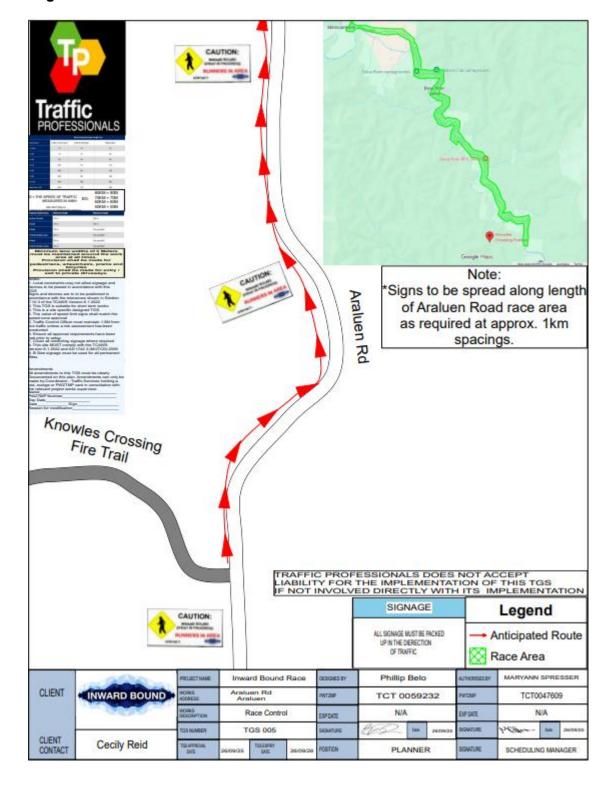


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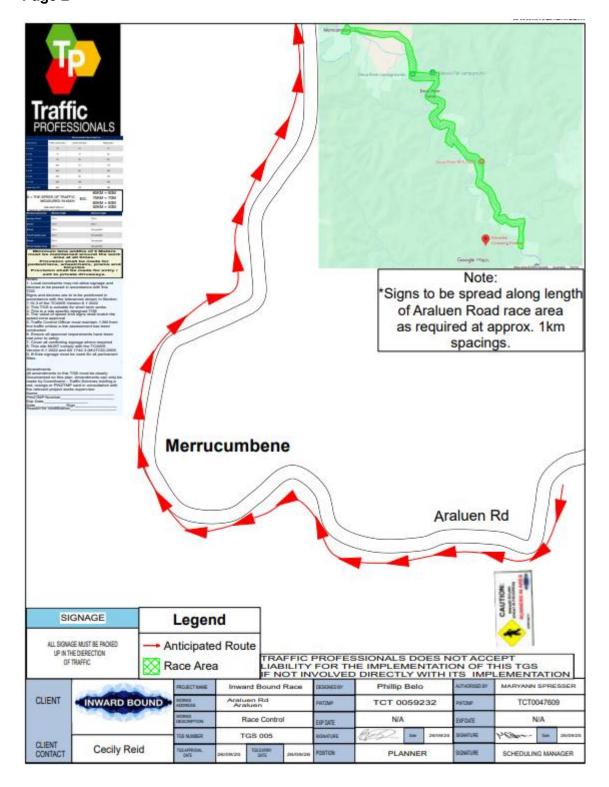




#### TGS-005 - Inward Bound Araluen Road Araluen Race Area



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#### ROAD OCCUPANCY LICENCE



Roads & Maritime Services

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

SPECIAL EVENT - CLASS 3

Prolect: Not Applicable This Activity:

Inward Bound Footrace

LOCATION

Subject Road: KINGS HWY

From: WESTERN DISTRIBUTOR RD, CURROWAN

To: THULE RD, NELLIGEN

EUROBODALLA

LICENSEE Organie

Traffic Professionals

Ref No: Name: Maryann Spresser Phone: 0422021354

ONSITE CONTACT

Name: Maryann Spresser 0447130455 Phone:

TRAFFIC MANAGEMENT

Flow Management: Short Term / Intermittent Works; Stop / Slow

Control

Closure Type: 1 lane of 2 Ciceure Lane(s): Lane 1 (kerb lane/s) Direction(s): All Directions

LICENCE DURATION

10-Oct-2025 13-Oct-2025

#### LICENCE CONDITIONS

FOR INFORMATION ON THE LATEST NSW ROADWORK RESTRICTIONS AND FILMING GUIDELINES PLEASE VISIT TFNSW WEBPAGE: roadswaterways.transport.nsw.gov.au/business-industry/road-occupancy licence/index.html.

- THIS LICENCE IS NOT AN APPROVAL OF THE PROPONENT'S TRAFFIC GUIDANCE SCHEMES (TGS). PLEASE NOTE WORKCOVER REQUIRES THAT TRAFFIC GUIDANCE SCHEMES (TGS) COMPLY WITH AS1742.3
- ALL MATTERS RELATING TO NOISE GENERATION OR OTHER ENVIRONMENTAL FACTORS ON SITE ARE UNDER THE JURISDICTION OF THE LOCAL COUNCIL AND/OR THE ENVIRONMENTAL PROTECTION
- NOTIFICATION TO AFFECTED BUSINESSES, RESIDENTS AND OTHER STAKEHOLDERS MUST BE UNDERTAKEN AT LEAST 5 BUSINESS DAYS PRIOR TO WORKS COMMENCING
- THIS ROAD EVENT LICENCE/PERMIT APPROVAL PROVIDES THE THIS ROAD EVENT LICENCE/PERMIT APPROVAL PROVIDES THE FOLLOWING: (A) UNDER SECTION 144 OF THE ROADS ACT 1993, IT PERMITS THE EVENT ORGANISER TO CONDUCT A ROAD EVENT ON A CLASSIFIED PUBLIC ROAD. IF THE EVENT IS A ROAD RACE, ATTEMPT ON SPEED RECORDS OR OTHER SPEED TRIAL, PRIOR APPROVAL UNDER SECTION 115 OF THE ROAD TRANSPORT ACT 2013 IS ALSO REQUIRED. (B) LUNDER SECTION 115 OF THE ROADS ACT 1993, IT PERMITS THE EVENT ORGANISER TO REGULATE TRAFFIC ON PUBLIC ROADS AS PER THE PLANS DETAILED. (C) TRNSW HAS THE RIGHT AT ANY TIME TO ASK THE LICENSEE TO ALTER THE REGULATION OF TRAFFIC UNDER SECTION 115 OF THE ROADS ACT 1993.
- THE LICENSEE MUST ALSO: (A).OBTAIN LOCAL COUNCIL APPROVAL BEFORE PROCEEDING WITH THE EVENT ON AN UNCLASSIFIED ROAD. (B).OBTAIN PRIOR APPROVAL THROUGH BUSAPPROVAL @THANSPORT.NSW.GOV.AU, IF ANY EXISTING BUS ROUTES/STOPS ARE IMPACTED. (C).ENSURE TRAFFICABLE LANE WIDTHS AND HEAVY VEHICLE ACCESS ARE MAINTAINED AS STATED IN THE TFNSW TS 06336 GUIDE TO TRAFFIC AND TRANSPORT MANAGEMENT FOR SPECIAL EVENTS.
- DRIVERS ON THE CLOSED ROADS DURING THE EVENT MUST BE BRIEFED BY THE ORGANISER ON THEIR OBLIGATIONS UNDER THE WHS ACT 2011 TO ENSURE THE SAFETY OF WORKERS, PARTICIPANTS AND OTHER ROAD USERS. THIS INCLUDES OBSERVING SPEED LIMITS, DRIVING IN THE USUAL DIRECTION WHERE POSSIBLE, AND USING FLASHING LIGHTS. VEHICLE ACCESS PASSES WILL DETAIL THE EXPECTED DRIVER BEHAVIOURS.
- PLEASE NOTE THAT THIS LICENCE DOES NOT CONSTITUTE APPROVAL TO CARRY OUT THE PROPOSED ACTIVITIES. THIS ROL HAS BEEN ASSESSED BY TFNSW FOR IMPACTS ON TRAFFIC FLOW ON THE STATE ROAD NETWORK ONLY

#### APPROVED DATES & TIMES

From Shift					To Shift				
From	D	М	Time	-	To	D	М	Time	
Fri	10	Oct	00:00	-	Sat	11	Oct	00:00	
Sat	11	Oct	00:00	-	Sun	12	Oct	00:00	
Sun	12	Oct	00:00	-	Mon	13	Oct	00:00	

#### SPEED ZONE AUTHORISATION



LIC/SZA NO: 2515302/001 ROADS & MARITIME SERVICES (RMS) Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

 SPECIAL EVENT - CLASS 3
 SPEED LIMIT REDUCTION

 Project
 Not Applicable
 Existing: 90 Km/h

 This Activity:
 Inward Bound Footrace
 Reduced To: 40 Km/h

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit" is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION

Subject Road: KINGS HWY

From: WESTERN DISTRIBUTOR RD, CURROWAN
TO: THULE RD, NELLIGEN

Council:

TRAFFIC MANAGEMENT

Distance(m): 13255
Direction: All Directions

LICENSEE

Organisation:

Traffic Professionals

Ref No:

Name: Maryann Spresser Phone: 0422021354 ONSITE CONTACT

Name: Maryann Spresser

Phone: 0447130455

#### APPROVED DATES & TIMES

	From	Shift		To Shift				
From	D	M	Time	-	To	D	м	Time
Fri	10	Oct	00:00		Sat	11	Oct	00:00
Sat	11	Oct	00:00		Sun	12	Oct	00:00
Sun	12	Oct	00:00	_	Mon	13	Oct	00:00

# TRAFFIC GUIDANCE SCHEME - COVER PAGE (Clyde St, Batemans Bay)

DRAFTED BY
David Stevens
QLD: TMD OP293
NSW: PWZ - TCT1043731
Date: 30/09/2025
TGS TITLE: Clyde St, Batemans Bay
TGS #: CIU-1GS-24100210
TGS Valid for 12 months from this date

Name:Thomas McNair NSW PWZTMP :TCT 0072729 Date: 30/09/2025 TGS Title: Clyde St, Batemans Bay TGS #:CIU-1GS-24100210
TGS VALID FOR 12 MONTHS FROM THIS DATE



69 Percival Road, Smithfield, NSW 2164 Telephone: 1300 282 328 Email: bookingsnsw@avadatraffic.com.au

PAGE#	DESCRIPTION
1	Cover Page
2	Tables
3	Through / Past and Around Analysis
4	Implementation Notes / Amendment Sign Off
5	TTM Diagram

Client: Crank It Up

Client reference number/PO: 2025

Site Contact : Chris Tague

Phone Number: 0429 925 386

TMC Contact: Ben Brereton

TMC Phone Number: 0488 533 644

Proposed start of works: 15/11/2025

Completion Date: 16/11/2025

Hours of Works: 07:30 to 15:00

Induction Site: Toolbox prior to works

Scope of works / client brief

- Crank It Up 2024
- Full closure with Stop/Slow operation to

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c	one	duc	t th	e	ev	en	ıt	







	TGS REQUIREMENTS FOR TGS - (CIU-1GS-24100210):						
Team Leader:     1     Traffic Lights:     0     Operation:     Full Closure+Detour     Lane Width:     3.0m						3.0m	
Controllers:	3	TMA:	0	Road Type:	2 way, 2 lane	Posted Speed:	40 kph
Signs:	25	VMS Utes:	0	Travel Path:	Past	Direction:	NB/SB
TC Utes:	1	Additional:	4 x Barrier Boa	rds <b>łoad Category:</b>	1	Road Authority:	EUROBODALLA

7.3 Dimension D Table 7-3. Recommended taper lengths

Dimension D is a measure of distance in metres. It is used to determine taper lengths, the position of signs and devices and for determining sight distances along the road so that road users have sufficient time to absorb the roadwork specific messages, understand the changed traffic conditions and take necessary

Dimension D is calculated by expressing the speed in metres for the zone preceding to where the Dimension D will be applied, this may be either the existing posted speed or a reduced roadwork speed

For example Dimension D in Figure 7-1 below is:

- . 110 m for the yellow shaded area;
- . 80 m for the blue shaded area; and
- 60 m for the pink shaded area.

The existing posted speed limit may be used to determine Dimension D throughout the work site, provided the PWZTMP qualified person has determined that there is higher risk of poor driver compliance with speed zones and where space allows.

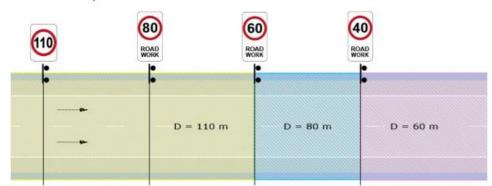


Figure 7-1. Example calculation of Dimension D

The Dimension D to be used on a work site must be determined by the PWZTMP qualified person and must be specified on the relevant TGS.

Where required by site-specific constraints, the application of Dimension D may be varied through the departures process provided in Section 2.8 Departures from this Technical Manual.

An example showing application of Dimension D in a 60 km/h roadwork zone with a preceding 80 km/h zone is given in Table 7-2.

Table 7.2 Dimension Designation based of

Table 7-2. Dimension D calculation based	able 7-2. Dimension D calculation based on speed zone				
Scenario	Dimension D required	Dimension D			
Dimension D	Dimension D calculated as	80 m			
For determining sight distance to a PTCD or manual traffic controller	Traffic controller must be able to see 1.5 D or greater to the oncoming traffic	80 m x 1.5 1.5D = 120 m			
For determining sight distance to end-of-queue	Sight distance to the end-of-queue for approaching traffic must be calculated at 2D for approach speeds greater than 65 km/h and 1.5D for approach speeds of less than 65 km/h	greater than 65 km/h 80 m x 2 2D = 160 m less than 65 km/h 80 m x 1.5 1.5D = 120 m			
For determining sign spacing	Distance between signs must be calculated as follows:  Single sign: 2D for speeds greater than 65 km/h and 1D for speed zones of less than 65 km  Multiple signs (such as dual sign arrangements or multi-message signs): 1D for all permitted speed zones	greater than 65 km/h 80 m x 2 2D = 160 m less than 65 km/h 80 m x 1 D = 80 m			
For determining taper lengths	See <u>Section 7.6.2.2 Tapers</u>				
For distance between tapers on multi-lane roads	A distance of 1.5D should be applied	80 m x 1.5 1.5D = 120 m			

Existing permanent speed km/h	Length of Work Area (L)	Minimum clear sight distance to oncoming traffic
less than 105	less than 60 m	300 m
less than 105	greater than or equal to 60 m	L + 250 m
greater than 105	less than 60 m	400 m
greater than 105	greater than or equal to 60 m	L + 350 m

	Recommended taper length (m)				
Speed (km/h)	Traffic control taper	Lateral shift taper	Merge taper		
45 or less	15	15	15		
46 to 55	15	15	30		
56 to 65	30	30	60		
66 to 75	N/A	70	115		
76 to 85	N/A	80	130		
86 to 95	N/A	90	145		
96 to 105	N/A	100	160		
Greater than 105	N/A	110	180		

Table 7-4. Minimum taper lengths

Speed (km/h)	Distance between tapers (m)
45 or less	10
46 to 55	25
56 to 65	70
greater than 65	1.5 x Speed

Table 4-2. Minimum lane widths

Speed of traffic (km/h)	Minimum lane width (m)
Less than 65 km/h	3.0
Greater than 65 km/h	3.5
Curve with radius less than 250 m	Curve widening of 0.5 m per lane
Shuttle flow with active control	3.5

Table 6-3. Sign spacing requirements

	Approach speed				
Number of signs	less than 65 km/h	65 km/h or greater			
One advanced sign	D	2D			
Multiple advanced signs	D	D			

Table 7-10. Permitted tolerances for positioning of signs and devices

Tolerance	Positioning of signs, length of tapers or markings	Spacing of delineating devices	
Minimum	10% less than the distances or lengths given	Nil	
Maximum	25% more than the distances or lengths given	10% more than the spacing shown	

Table 4-10. Length of roadworks speed zones

Roadwork Speed Zone	Minimum length	Maximum length
less than 35 km/h	100 m	200 m
40 km/h	150 m	500 m
60 km/h	150 m	Not specified*
70 km/h transition zone	200 m	Not specified*
80 km/h	500 m	Not specified*
80 km/h transition zones	300 m	Not specified*

Table 4-3. Mandatory and recommended controls for protection of a work area

	Mandatory and recommended controls						
Distance of work		Sta	Static work				
area to traffic	Mandatory/ recommended	Work duration greater than 4 weeks	Work duration less than 4 weeks including short-term work	*Continuous and frequently changing work			
Closer than 1.5 m	Mandatory controls	Temporary safety barrier	Delineation of work area     Speed zone of 45 km/h or less	Speed zone of 45 km/h or less     Shadow vehicle			
	Recommended controls	Speed zone of 85 km/h or less	Speed zone of 35 km/h or less     Temporary safety barrier	Delineation of wor area     Speed zone of 35 km/h or less			
Between 1.5 m and 3 m	Mandatory controls	Temporary safety barrier where speed zone is greater than 75 km/h Speed zone of 65 km/h or less where no temporary safety barrier is used	Delineation of work area     Speed zone of 65 km/h or less	Speed zone of 65 km/h or less     Shadow vehicle			
	Recommended controls	Delineation of work area     Temporary safety barrier where speed zone 85 km/hr or less	Temporary safety barrier	Delineation of wor area     Speed zone of 55 km/h or less			
Between 3 m and 6 m	Mandatory controls	Speed zone of 85 km/h or less where there is no safety barrier	Delineation of work area     Speed zone of 85 km/h or less where there is no safety barrier	Speed zone of 85 km/h or less			
	Recommended controls	Temporary safety barriers	Temporary safety barrier	Delineation of wor area     Speed zone of 65 km/h or less			
Greater than 6m	Mandatory controls	Worker symbolic (T1- 5) sign when workers are visible to road users	Worker symbolic (T1-5) sign when workers are visible to road users	As per <u>Section 7.8</u>			
	Recommended controls	Delineation of work area     Temporary safety barriers	Delineation of work area	Delineation of work     site			

Edge of traffic lane to:	Edge clearances
Line of traffic cones or bollards	<ul> <li>0.5 m for traffic speeds less than 65 km/h</li> <li>1.0 m for traffic speeds greater than 65 km/h</li> </ul>
Barrier boards, temporary guide post temporary hazard markers	s or 1.0 m
Road safety barrier system	<ul> <li>0.3 m for traffic speeds less than 45 km/h</li> <li>0.5 m for traffic speeds 45 to 65 km/h</li> <li>1.0 m for traffic speeds 65 to 85 km/h</li> <li>2.0 m for traffic speeds greater than 85 km/h</li> </ul>

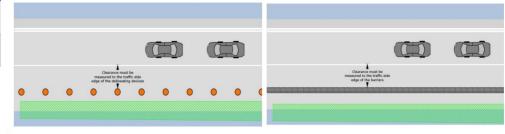


Table 6-18. Size requirements for G6-317n and G6-317-1n signs.

Road configuration	Approach speed	Sign size			
Single carriageway	Less than 95 km/h	A size			
Single carriageway	Greater than 95 km/h	B size			
Dual carriageway and multilane	Less than 95 km/h	A size			
roads	Greater than 95 km/h	B size			

Template Version 2 17/07/2023 to Be Reviewed By 17/07/2024

#### MOTORIST

MOTORISTS				
OP1	TIONS	FEATURES	COMMENTS	RESULT
TRAFFIC THROU	GH THE WORKSITE	- Acceptable LOS to be maintained     - Minimal traffic disruption     - Minimal delays to the public     - Existing travel path to be maintained	Works will interfere with the travel path of road users and cannot be undertaken via hold & release	X
	SHOULDER CLOSURE	- Acceptable LOS to be maintained     - Minimal traffic disruption     - Minimal delays to the public     - Existing travel path to be maintained	Works will not be contained to the shoulder Works will interfere with the Traffic Lanes	X
TRAFFIC PAST THE WORKSITE	LANE CLOSURE	- Acceptable LOS to be maintained - Work areas accessible to personnel, plant items and site vehicles - Site personnel / plant items separated from vehicular traffic	Lane closure is not suitable due to road configuration  Work area requires larger portion of the roadway	X
	LATERAL SHIFT	- Acceptable LOS to be maintained - Minimal traffic disruption - Minimal delays to the public	Work area will not leave enough lane width for Lateral Shift	X
	DETOUR	- Work areas are accessible to work personnel, plant items and site vehicles - Traffic will be separated from work personnel / plant items and site vehicles Will make for more efficient and timely works by allowing site vehicles, plant items and delivery vehicles to park and unload on roadway Lowers the chance of collision between site personnel/ plant items/ site vehicles and the general public	There is not enough trafficable lane width for traffic to pass through the work area, a detour will be necessary for this project.	
TRAFFIC AROUND THE WORKSITE	SIDE-TRACK	- Work areas are accessible to work personnel, plant items and site vehicles - Traffic will be separated from work personnel / plant items and site vehicles Will make for more efficient and timely works by allowing site vehicles, plant items and delivery vehicles to park and unload on roadway Lowers the chance of collision between site personnel/ plant items/ site vehicles and the general public	Road way configuration not suitable for side-Track	
	CROSSOVER (CONTRA-FLOW)	- Work areas are accessible to work personnel, plant items and site vehicles - Traffic will be separated from work personnel / plant items and site vehicles Will make for more efficient and timely works by allowing site vehicles, plant items and delivery vehicles to park and unload on roadway Lowers the chance of collision between site personnel/ plant items/ site vehicles and the general public	Road Configuration will not allow a crossover there are no suitable areas to divert traffic to opposing side of the road	X
SHORT TERM, LO	W IMPACT WORKS	- Acceptable LOS to be maintained - Minimal traffic disruption - Minimal delays to the public	- Short-term Low impact treatments are not possible due to the high impact nature and duration of the work.	
		<u> </u>	<u> </u>	

#### PEDESTRIANS

OPTI	ONS	FEATURES	COMMENTS	
	DETOUR	- Pedestrians separated from Site personnel, plant items and general site hazards	Works do not impede Footpaths / Pathways and Pedestrian Crossing	X
CLOSE FOOTPATH	SIDE-TRACK	- Pedestrians separated from Site personnel, plant items and general site hazards	Works do not impede Footpaths / Pathways and Pedestrian Crossing	X
RETAIN OPEN	FOOTPATH	- Pedestrians separated from Site personnel, plant items and general site hazards	Works do not interfere with pedestrian access to pathway works to be separated by delineation	

# CYCLIST

ОРТІ	ONS	FEATURES	COMMENTS	
	DETOUR	- Cyclist separated from Site personnel, plant items and general site hazards	Works do not impede Cycle Lanes or Cycle Paths	X
CLOSE CYCLE LANE	SIDE-TRACK	- Cyclist separated from Site personnel, plant items and general site hazards	Works do not impede Cycle Lanes or Cycle Paths	X
RETAIN OPEN	CYCLE LANE	- Cyclist separated from Site personnel, plant items and general site hazards	- There are No existing Cycle Lanes or Cycle Paths in the immediate Works.	X

#### RESIDENTIAL AND BUSINESS ACCESS

ОРТІ	ONS	FEATURES	COMMENTS	
	CLOSE ACCESS	- Access , cannot be maintained residences and business will need to be notified 72hrs prior to closure and armaments made	Residences and business are not affected during this operating times.	X
CLOSE ACCESS	LOCAL ACCESS MAINTAINED	-General Access is closed - Local access to be maintained - Traffic Controllers to assist residents and business'.	Access points to be delineated or identified TC to assist with access	$\checkmark$
RETAIN A	ACCESS	- Local access to residence and commercial business will be unaffected	Alternate arrangements for access to be arranged prior to implementation of TGS	X

#### **BUS STOPS**

OP	TIONS	FEATURES	COMMENTS	
CLOSE	TEMPORARY STOP PROVIDED	- Buses will be kept clear of work area General public will be clear of site hazards Work site will not have to facilitate bus access.	Bus Stop Closure - Bus authorities to be notified with alternate arrangements for patrons Temporary Stop located in close proximity to work zone	<b>&gt;</b>
BUS STOP	EXISTING STOPS USED AS AN ALTERNATIVE	- Buses will be kept clear of work area General public will be clear of site hazards Work site will not have to facilitate bus access Existing bus stops will facilitate extra traffic.	No bus stops are affected within the work area during operating times as it is not recommended to relocate bus stop unless requested by client.	X
RETAIN CU	RRENT BUS STOP	- Commuters will not be required to travel to alternate stop Buses will retain original route - Locating a suitable site for temporary stops will not be required - Minimal delays	No bus stops are affected within the work area during operating times as it is not recommended to relocate bus stop unless requested by client.	X

#### **General TGS notes:**

#### Notes:

- 1: Local constraints may not allow signage and devices to be placed in accordance with this TGS. Signs and devices are to be positioned in accordance with tolerances recommendations shown in the TCAWS Manual Version 6.1 2022.
- 2: This TGS is based on TfNSW recommendations from the TCAWS Manual Version 6.1 2022.
- 3: Signage Required for this Setup should be specifications of the TCAWS 6.1.
- 4: If not already noted, the existing posted speed limit is to be noted on this TGS.
- 5: The value of speed limits displayed shall match the speed zone approval.
- 6: Ensure all project and road authority approval requirements are met prior to commencing set up.
- 7: Cover all conflicting road signage where required.
- 8. The site MUST comply with the TCAWS (Traffic Control at Worksites) Manual Version 6.1 2022.
- 9. All Taper and Worksite Delineation Must be Setout As per TCAWS 6.1 Feb 2022.
- 10. Que Management must be maintained at all Times. Team leader and Traffic controllers are responsible for Maintaining Que Management.
- 11.Team Leader is Responsible for monitoring and Maintaining Site.
- 12. Site should complete Sign Checks every 2 hours. E4 - Shift TTM Check must Be completed.
- 13. E5 Post Completion Form must be Completed at the End of Shift.
- 14. Signage Setup and Pack up to be completed as Per. TCAWS v6.1.
- 15. Traffic controllers are to control Traffic as Per SWMS document and TCAWS 6.1. Traffic Controllers must maintain there Escape Route at All times.
- 16. If PTCD (E stops) Fail, PTCD failure form must be Completed with a risk assessment. Contact your Supervisor ASAP to bring another set to site.
- 17. Site must not be more then 500m in length. If site needs to be longer then 500m, A Departure form must be completed and approved. Repeater signs must also be placed max every 500m.

### **Restrictions:**

This TGS can only be applied at location shown for the specific works detailed on each plan as part of the specified project (if supplied)

All Requirements stated in any Permit, TMP, or any other statutory requirement will be observed / implemented.

### Signage & Devices:

- 1. Worksite signing must be placed in accordance with the Traffic Management Plan which should comply with the TfNSW recommendations from the TCAWS Manual Version 6.1 2022 and AS 1742.3-2019 MUTCD Part 3.
- 2. Prior to installation, signs and devices should be examined before installation to ensure that they are in good condition prior to use to ensure their performance is not impaired.
- 3. Cone spacing table shown on this Traffic Guidance Scheme (TGS) indicates the recommended maximum spacing of cones and bollards when implementing these TGS plans.
- 4. Unless noted otherwise in the drawings, all signage is to be positioned clear of travel path behind the kerb and visible to oncoming traffic and not obstructing pedestrians, otherwise on the pavement as near as practicable to the kerb without the sign becoming obscured and without obstructing moving traffic.
- 5. Signs should face towards approaching traffic approximately at right angles to the line of sight from the driver to the sign.
- 6. Sign installation sequence shall be as follows:
- a. Advance warning
- b. Condition warning
- c. Warning of plant/road workers and
- d. Driving instruction guidance
- e. All delineation devices to form taper including illuminated flashing arrow at end of taper where required
- f. Delineation of work area or side track
- g. Signs & devices that are erected before they are required should be fully covered until immediately prior to commencement of work.
- h. Recommend detour signs to be installed prior to any road / part road closure
- 7. Existing signs & traffic control devices which are inappropriate to, or conflict with, the temporary work site situation shall be fully covered or removed.
- 8. Signs covered or removed should be recorded on a signage checklist sheet including time covered / removed and time uncovered / replaced.
- 9. Where practicable, signs shall be erected on both sides of the roadway on multilane divided or one way roads where the volume of is 10 00 VPD or greater. This treatment should also be considered for all other roads, especially those with curved alignments.
- 10. Inspections to be completed after setup, during closure & upon completion of pack up, or as specified / requested

# **Public Transport:**

- Unless otherwise stated on the plan, Bus stops and other public transport facilities shown are done so merely as a reference, and require no management.
- Should a particular facility require additional management, this will be included on TGS or TMP

# **Emergency Services:**

- 1. Access shall be maintained for all emergency vehicles at all times.
- 2. Where required, all services should be advised of proposed works and times in advance of works commencing, or for emergency works, as soon as practical.

#### Communications:

- 1. Prior to the start of daily works Traffic Controllers are to attend onsite tool box meetings at the beginning of each shift to discuss current works and methodology.
- 2. During works, Workers & Traffic Controllers may operate under a "line of sight" method or utilise 2 way radios (as required by type of control).

### Record Keeping:

- Supervisory personnel shall keep daily records of the sign arrangements / TGS scheme.
- This will include the following details:
- Date.

Date

- Location.
- Job Identification.
- Time of inspection.
- Details of Inspector.
- Details of changes, and who it was authorised by.
- Record of TMP, TGS, permit and other relevant documents / numbers in use. This information should be kept in a dairy or work sheet.

### **Notes on Traffic Controllers:**

- A. An accredited traffic controller must not contravene TCAWS Manuel, Training & must direct traffic in a way stated in both the Approved Procedure & the Guidelines for Traffic Controllers
- B. Breaks shall be taken as specified in Guidelines for Traffic Controllers. Additional Controllers may be required for this purpose.
- C. Where Traffic Controllers are required, ensure they have a clear escape path to a non-traffic (closed) section of the roadway, shoulder, footpath or median during works operation at all times.

#### **CONTINGENCY PLAN LIGHTS FAILURE**

In the event that traffic lights fail on site, the following contingency plan will be put into place until the traffic light issue can be resolved / or the lights are replaced.

- Traffic controllers shall replace traffic lights to control traffic through site.
   Traffic controller sign shall replace the traffic lights sign.
   Stop here on red signal sign shall be
- y Details shall be recorded of the time of traffic light failure, change to traffic controllers control and signage changes.

Time lights failed:

Traffic Controllers taken over: Y / N

Traffic Lights Sign replaced with Traffic Controller sign - Stop here on red signal sign removed:

Y / N

QUEUE MANAGEMENT PLAN

AT ALL TIMES DURING THE COURSE OF WORKS, TRAFFIC QUEUES SHALL

BE MONITORED TO ENSURE QUEUE LENGTHS DO NOT EXTEND BACK BEY BE MONITORED TO ENSURE QUEUE LENGTHS DO NOT EXTEND BACK BEYOND LIMITS OF THE ADVANCE WARNING SIGNS. BUS MOVEMENTS WILL BE GIVEN PRIORITY

End of Queue Management is needed when the Queuing traffic exceeds 1.5D from the first vehicle in the Line up. If you are unsure of how this works please contact your supervisor ASAP. If the queuing traffic exceeds 1.5D, Queue management Procedures must be implemented. Use of Queue symbolic and additional prepare to stop Signage is required to be added to the existing TGS setup. If you have any Queuing Traffic Issues Please contact your supervisor or management ASAP for assistance.

#### **Manifest**

- 54 x Reflective Cone 700mm
- 25 x Sign Post
- 5 x Barrier Board

3 x Custom Sign

- 5 x Sign frame (1200x300)
- 5 x Sign frame (1800x300)
- 5 x T2-4 ROAD CLOSED
- 3 x RESIDENTS ACCESS ONLY
- 3 x Special Event
- 3 x T5-1 (R) DETOUR LEFT 3 x TC /for Shuttle Flow
- 2 x bus-300x300
- 2 x Sign frame (900x600)
- 2 x T5-1 (L) DETOUR LEFT
- 2 x Traffic Control Ute
- 1 x Existing Bus Stop Closed
- 1 x RM2-14A(R) All Traffic Turn 1 x Sign frame (1200x600)
- 1 x Sign frame (1500x600)
- **1 x** Sign frame (1800x600)
- 1 x T1-18 PREPARE TO STOP
- 1 x T1-25 ROADWORK ON SIDE ROAD
- 1 x T1-32 SIDE ROAD CLOSED 1 x T1-34 TRAFFIC CONTROLLER AHEAD
- 1 x T1-6 DETOUR AHEAD
- 1 x Team Leader
- 1 x Temporary Bus Stop
- 1 x Temporary Bus Zone
- 1 x Work Area

Amendments: All amendments to the TGS must be clearly documented on this plan. Amendments can only be made by the Traffic Control Supervisor holding a current PWZTMP card in consultation with the project works supervisor.  Organistion:  Modifier Details  Name:
PWZTMP Card Number:
Role :
Reason for Modification:
Date:Sign:
Approver Details Name:
PWZTMP Card Number:
Role :
Reason for Modification:

## Legend

Barrier Board

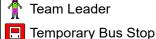


Detour Route 2

X Existing Bus Stop Closed

Reflective Cone 700mm

TC /for Shuttle Flow



Traffic Control Ute

Temporary Bus Zone

Work Area



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0	Initial Release	30/09/2025	DS	Signs:	25	<b>TMA</b> : 0	Works Term:	Short	Traffic Clearance to Worker:	≤ 1.5m	Road Category:	1	Direction:	NB/SB	
1	Logo Changed to Avada	30/09/2025	TMc	Controllers:	3	Additional: 4 x Barrier Boards	Travel Path:	Past	Traffic Clearance to Objects :	0.5m <65	Road Type:	2 way, 2 lane	Pedestrians:	Unaffected	4
				Traffic Lights:	0	Safety Buffer: N/A	Lane Width:	3.0m	Traffic Cone Size:	700mm	Road Authority:	EUROBODALLA	Cyclists:	Not Affected	
				TC Utes:	1	Taper Length: N/A	Posted Speed:	40 kph	Traffic Cone Spacing @ 40km:	4 m	Drafted By: David Stevens - TMD 1111111 Approved By: Thomas McNair - TCT 0072729				
				VMS Utes:	0	Operation: Full Closure+Detour	Work Zone Speed:	N/A	Traffic Cone Spacing @ 60km:	12 m					



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0	Initial Release	30/09/2025	DS	Signs:	25	TMA:	0	Works Term:	Short	Traffic Clearance to Worker:	≤ 1.5m	Road Category:	1	Direction:	NB/SB	
1	Logo Changed to Avada	30/09/2025	ТМс	Controllers:	3	Additional:	4 x Barrier Boards	Travel Path:	Past	Traffic Clearance to Objects :	0.5m <65	Road Type:	2 way, 2 lane	Pedestrians:	Unaffected	4
				Traffic Lights:	0	Safety Buffer:	N/A	Lane Width:	3.0m	Traffic Cone Size:	700mm	Road Authority:	EUROBODALLA	Cyclists:	Not Affected	
				TC Utes:	1	Taper Length:	N/A	Posted Speed:	40 kph	Traffic Cone Spacing @ 40km:	4 m	Drafted By: David Stevens - TMD 1111111			•	
				VMS Utes:	0	Operation:	Full Closure+Detour	Work Zone Speed:	N/A	Traffic Cone Spacing @ 60km:	12 m	Approved By: Thomas McNair - TCT 0072729				

