AGENDA – out of session
Local Traffic Committee

Wingecarribee SHIRE COUNCIL

We're with you

Wednesday 18 December 2024

Our Mission, Our Vision, Our Values

OUR MISSION

To create and nurture a vibrant and diverse community growing and working in harmony with our urban, agricultural and natural environments

OUR VISION

- **Leadership**: *'An innovative and effective organisation with strong leadership'*
- **People**: *'A vibrant and diverse community living harmoniously, supported by innovative services and effective communication with Council'*
- **Places**: *'Places that are safe, maintained, accessible, sympathetic to the built and natural environment, that supports the needs of the community'*
- **Environment**: *'A community that values and protects the natural environment enhancing its health and diversity'*
- **Economy**: *'A strong local economy that encourages and provides employment, business opportunities and tourism'*

OUR VALUES

- Integrity, trust and respect
- Responsibility and accountability
- Communication and teamwork
- Service quality

1 AGENDA REPORTS

1.1 Australia Day 2025 Celebrations, Old Hume Highway, Berrima

Report Author: **Traffic Engineer**

Authoriser: **Clinton McAlister**

PURPOSE

To review the Traffic Management Plan for Australia Day celebrations proposed to be held on Old Hume Highway, Berrima.

RECOMMENDATION

THAT the traffic management arrangements proposed by Avada Traffic Services for *Australia Day celebrations* to be in Berrima on 26 January 2025 be approved subject to the implementation of the approved Traffic Management Plan and approval from the NSW Police Force in accordance with the Guide to Traffic and Transport Management for Special Events for a Class 2 event.

REPORT

REPORT

The Australia Day celebrations and street parade are proposed to be held in Berrima on 26 January 2025. Australia Day celebrations have been held in Berrima for many years with similar traffic management to what is proposed in this report.

The procedure for the street parade will be similar to the previous year's event, with a start time of 12:00pm and will conclude at approximately 1:00pm.

Traffic control will commence at 08:00am with preliminary road closures and to assist with parade entrants arriving between 10:00am and 11:00am.

The street parade will assemble and start in Oxley Street (east) and travel south along Old Hume Highway through Berrima and finish at Bryan St. Vehicles can turn into Bryan St to loop back around to Old Hume Highway or continue over the bridge and leave Berrima.

Road closures will take place for Oxley Street, Old Hume Highway, Jellore Street and Market Place.

Variable Message boards will be placed on the north and south approaches on the Old Hume Highway to advise drivers of the road closure through Berrima.

Please see attached Traffic Mangement Plan and Traffic Guidance Schemes for further details.

CONCLUSION

Australia Day celebrations and street parade have been held in Berrima for many years with traffic management arrangements similar to those proposed in this report.

The Traffic Management Plan and Traffic Guidance Schemes proposed in this report for Australia Day 2025 are recommended for approval.

ATTACHMENTS

1. Australia Day 2025 Berrima TMP [**1.1.1** - 15 pages]
2. 23090224- TGS 01- Event+ Full Closure+ Detour- WS C- Old Hume Hwy Berrima- Rev 0 [**1.1.2** - 11 pages]

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Tmcnair@avadatraffic.com.au
Phone: 1300 787 835

TRAFFIC MANAGEMENT PLAN

Australia Day 2025

Prepared for:	Wingecarribee Shire Council
Date Prepared:	31/10/2024
Revision:	1.1

INDEX

Introduction

Event Details

On Sunday 26th January 2025 the annual Australia day street parade shall be held in Berrima, NSW
The Procedure for the street parade shall Be the same as the previous year's event , with a start time of 12:00pm and will conclude at approximately 13:00

Traffic control will be required commencing at 08:00. With Preliminary Road Closures and to assist with parade entrants arriving between 10:00 and 11:00
The Street parade will assemble and start in Oxley Street (east) and travel south down the Old Hume Highway through Berrima and Finish at Bryan St where the vehicles
vehicles can turn into Bryan St to re-park in the Market St Park OR use as a loop OR continue over the bridge and leave Berrima

Key Points

- VIP car spaces on Market Place
- Site entry/Driveway entry in the Market Place Park
- Restricted access to Bryan and Jellore St to the public after 8am. Only accessible for residents, car clubs, parade participants, staff or other approved persons as approved by organisers. This will also serve as a loop for parade participants who need to travel back up the Old Hume Highway to Oxley Street to access vehicle/s etc. as required.
- Parade will commence in Oxley St at 12.00pm.
- Parade will finish at Bryan St - vehicles can turn into Bryan St to re-park in the Market St Park OR use as a loop OR continue over the bridge and leave Berrima

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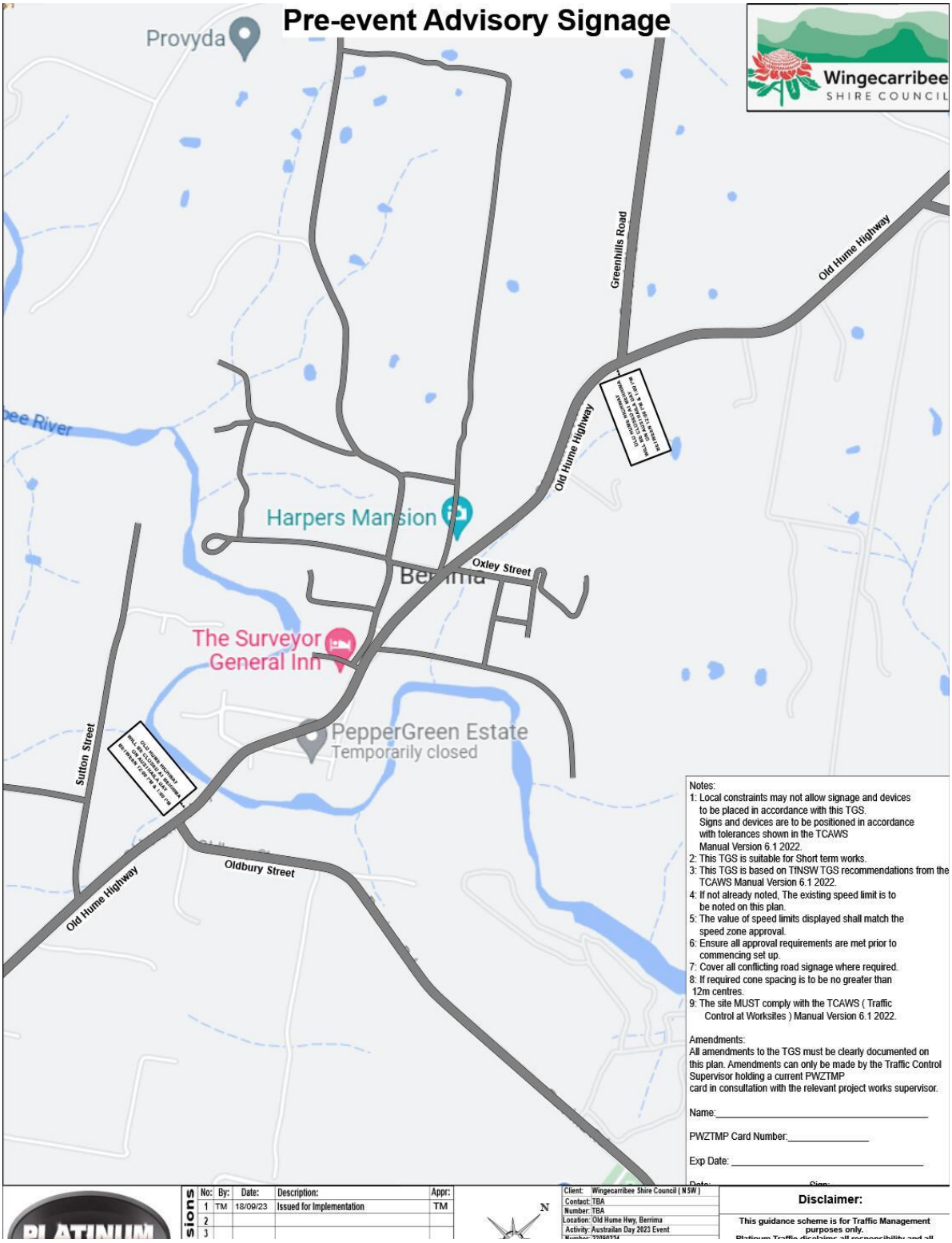
Background and Existing Conditions

Location overview



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Project Details

Hours of Operation / Description of works

On Sunday 26th January 2025 the annual Australia Day Street Parade shall be held in Berrima, NSW. The procedure for the Street Parade shall be the same as the previous year, with a start time of 12:00 p.m. and will conclude at approximately 1:00 p.m.

Traffic control will be required commencing at 8:00 a.m. with preliminary road closures and to assist with parade entrants arriving between 10:00 a.m. and 11:00 a.m.

The street parade shall assemble and start in Oxley Street (east) and travel south down the Old. Parade will commence in Oxley Street at 12.00pm. and the Parade will finish at Bryan Street

The shoulders of Oxley Street are the main assembly areas for the Street Parade.

Oxley Street (east) shall be closed to public parking at 8.00 a.m. on Saturday 26 January 2019.

This section of Oxley Street shall be re-opened to public traffic at 12.15 p.m.

A marching band will lead the parade.

A large number of historic and classic vehicles, walking groups and other event vehicles will be in the street parade.

The parade shall finish at the intersection of Bryan Street and the Old Hume Highway.

vehicles can turn into Bryan Street to re-park in the Market Street Park OR use as a loop OR continue over the bridge and leave Berrima.

Fire trucks may reassemble along the shoulder of the Old Hume Highway between marketplace and Jellore Street after the parade.

The parade pedestrians shall disperse onto the footpath areas at the end of the parade.

All parade vehicles return to normal road rules and regulation at this point.

Emergency service vehicles will be at the tail of the parade.

Impact of Works

Local Traffic

Road Closure Traffic Controllers to man closures

Pedestrians / Cyclists

Road Closures and four extra Traffic Controllers are to assist will crowd control.

Public Transport & Emergency Services

Maintain access for emergency services.

Public Safety Measures

The following safety measures will be implemented to ensure the safety of the public at all times:

- Traffic management: the traffic management and Strict safety protocols/ procedures outlined in this TMP will be followed onsite at all times.
- Community / council consultation advising any effected members of the public of all events associated with the event being undertaken in the area.
- Community engagement plan advising the public of proposed prior to commencing work, and potential impacts.

Vehicle & Movements

Vehicle & Movements

No unplanned Movements
street parade shall assemble and start in Oxley Street (east) and travel south down the Old Hume Highway through Berrima and finish at Bryan Street vehicles can turn into Bryan Street to re-park in the Market Street Park OR use as a loop OR continue over the bridge and leave Berrima.

The shoulders of Oxley Street are the main assembly areas for the Street Parade.

Oxley Street (east) shall be closed to public parking at 8.00 a.m. on Sunday 26 January 2025.

This section of Oxley Street shall be re-opened to public traffic at 12.15 p.m.

Risk Assessment of Potential Hazards

It is noted that as per NSW Workplace Health & Safety (WHS) law that the work organiser from the parties involved with the Event accept responsibility for the management of the individual & shared risks & potential hazards associated with non-transferable WHS statute - Posted obligations and common law duty of care provisions. In this situation the parties involved with the construction should continually actively consult and take all reasonable measures to practically excursive their duty of care & legal obligations. Please refer to risk assessment below for specific hazards.

Traffic Management Personnel on Site

Avada Traffic services are the preferred supplier of traffic management for this project.
Anyone undertaking traffic management on site will be an authorised traffic controller & hold relevant NSW TCAWS qualifications. Avada Traffic Services does not accept responsibility for any traffic management duties not undertaken onsite by Avada Traffic Services.

Incident Procedure and Reporting

All incidents must be reported to Council representative. The incident must also be reported to Avada Operations representative to handle the situation to prevent any further incidents from occurring.

Traffic Incident Plan

Traffic control Team Leader is the personnel responsible for dealing with traffic incidents occurring at the work site and is reasonable for contacting emergency services if required
Team Leader to Record Details of vehicles involved
Traffic Control must direct traffic past the incident safely if required.
An Incident report must be completed, and TL is to inform Avada Management as soon as possible TL is also to inform Client Rep if not already aware of the incident.
Team Leader is to do a on site assessment to ensure the site is set up correctly.
Checking that the traffic control measures in place are in accordance with the TMP and its component plans, and ROL conditions
Team Leader Is to Carry out a “drive through” and get a passenger to get a video recording of the roadway, including the location where the incident has taken place

Team Leader is to assess if TGS needs amendments

Traffic Management Application

• For any works associated with this event that are taken place between 1.2 – 3m of live traffic or where live traffic is affected, traffic management will be in place to assist with site safety.

• All traffic management in place as per approved TCP / TMP
• All signage & equipment must be set out & comply with Australian Standards and TCAWS Manual V6.1 2022.

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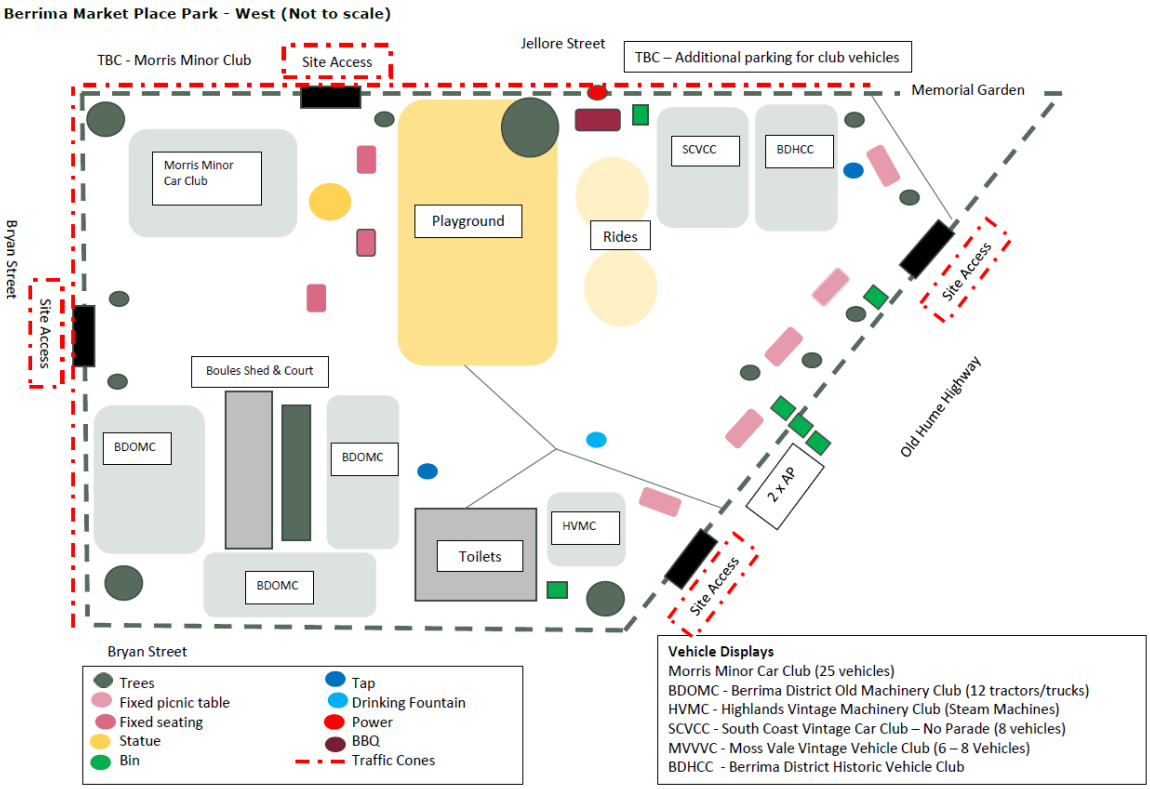
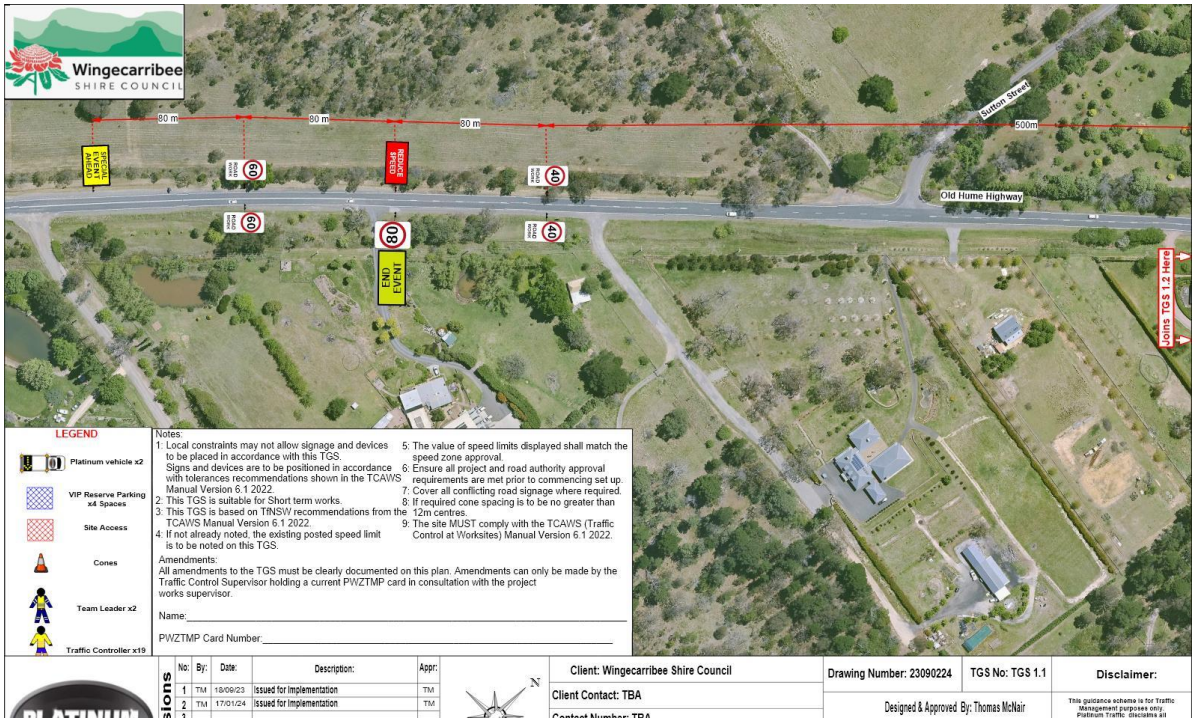
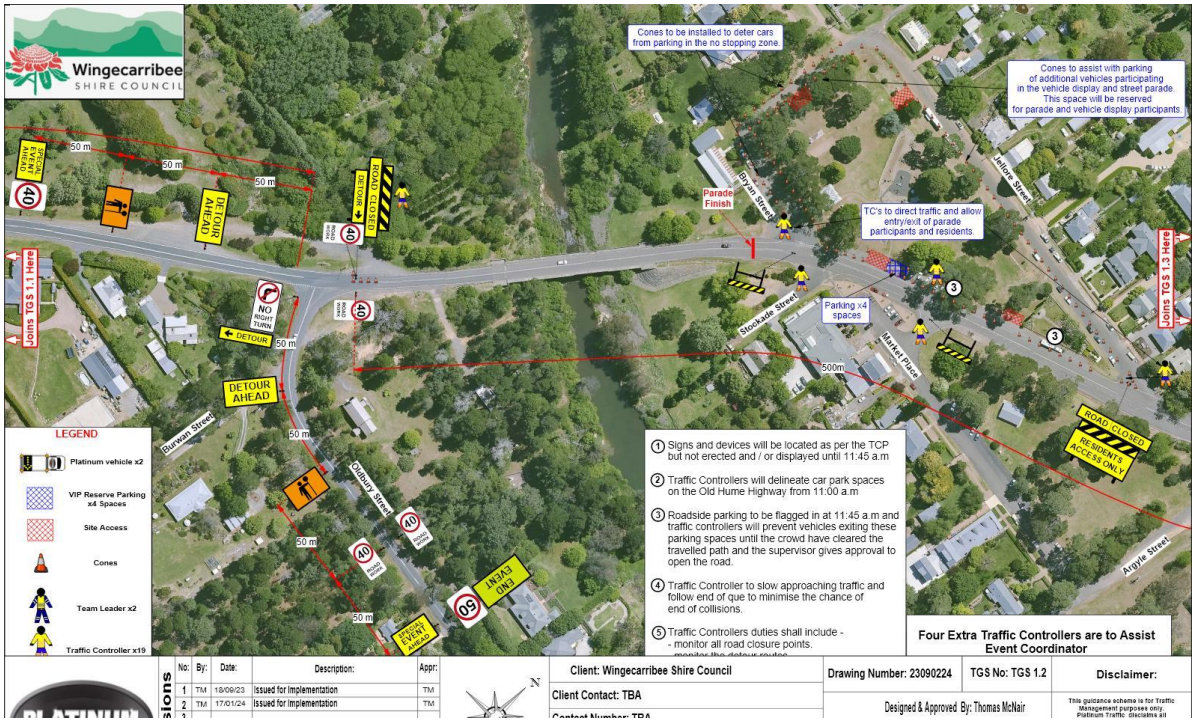
• The Traffic Control Plan & Traffic Management Plan are to remain in place for the duration of the event.
• Emergency services are to be notified of event road closures, Detours & Event time schedules that may impact any emergency within the local area.

Traffic Control Plans:

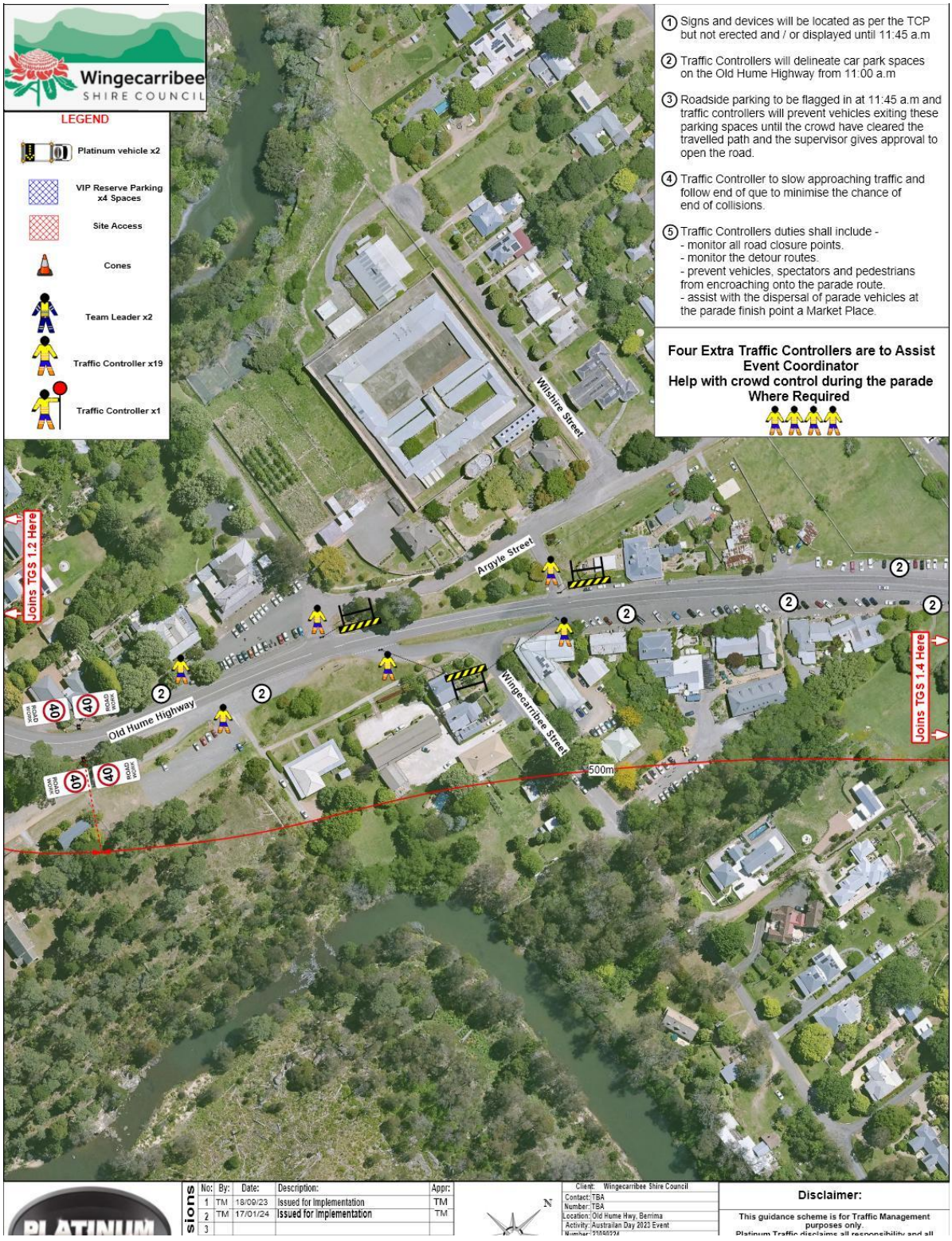


AVADA


Wingecarribee SHIRE COUNCIL
80 m
80 m
80 m
500m
Sutton Street
Old Hume Highway
END EVENT
Joins TGS 1.2 Here
LEGEND
Platinum vehicle x2
VIP Reserve Parking x4 Spaces
Site Access
Cones
Team Leader x2
Traffic Controller x19
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 suitable for Short term works.
3: This TGS is based on TfNSW recommendations from the TCAWS Manual Version 6.1 2022.
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: If required cone spacing is to be no greater than 12m centres.
9: The site MUST comply with the TCAWS (Traffic Control at Worksites) Manual Version 6.1 2022.
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.
Name:
PWZTMP Card Number:
No: By: Date: Description: Appr:
1 TM 18/09/23 Issued for Implementation TM
2 TM 17/01/24 Issued for Implementation TM
Client: Wingecarribee Shire Council
Client Contact: TBA
Drawing Number: 23090224
TGS No: TGS 1.1
Disclaimer:
Designed & Approved By: Thomas McNair


Wingecarribee SHIRE COUNCIL
Cones to be installed to deter cars from parking in the no stopping zone.
Cones to assist with parking of additional vehicles participating in the vehicle display and street parade. This space will be reserved for parade and vehicle display participants.
TC's to direct traffic and allow entry/exit of parade participants and residents.
Parade Finish
Bryan Street
Jellore Street
Stockade Street
Parking x4 spaces
Market Place
500m
Argyle Street
Joins TGS 1.1 Here
Joins TGS 1.3 Here
DETOUR AHEAD
ROAD CLOSED DETOUR
NO RIGHT TURN
DETOUR
Burkan Street
Ordnary Street
END EVENT
ROAD CLOSED RESIDENTS ACCESS ONLY
50 m
LEGEND
Platinum vehicle x2
VIP Reserve Parking x4 Spaces
Site Access
Cones
Team Leader x2
Traffic Controller x19
1 Signs and devices will be located as per the TCP but not erected and / or displayed until 11:45 a.m
2 Traffic Controllers will delineate car park spaces on the Old Hume Highway from 11:00 a.m
3 Roadside parking to be flagged in at 11:45 a.m and traffic controllers will prevent vehicles exiting these parking spaces until the crowd have cleared the travelled path and the supervisor gives approval to open the road.
4 Traffic Controller to slow approaching traffic and follow end of que to minimise the chance of end of collisions.
5 Traffic Controllers duties shall include -
- monitor all road closure points.
Four Extra Traffic Controllers are to Assist Event Coordinator
No: By: Date: Description: Appr:
1 TM 18/09/23 Issued for Implementation TM
2 TM 17/01/24 Issued for Implementation TM
Client: Wingecarribee Shire Council
Client Contact: TBA
Drawing Number: 23090224
TGS No: TGS 1.2
Disclaimer:
Designed & Approved By: Thomas McNair

AVADA


Wingecarribee SHIRE COUNCIL
LEGEND
Platinum vehicle x2
VIP Reserve Parking x4 Spaces
Site Access
Cones
Team Leader x2
Traffic Controller x19
Traffic Controller x1
1 Signs and devices will be located as per the TCP but not erected and / or displayed until 11:45 a.m
2 Traffic Controllers will delineate car park spaces on the Old Hume Highway from 11:00 a.m
3 Roadside parking to be flagged in at 11:45 a.m and traffic controllers will prevent vehicles exiting these parking spaces until the crowd have cleared the travelled path and the supervisor gives approval to open the road.
4 Traffic Controller to slow approaching traffic and follow end of que to minimise the chance of end of collisions.
5 Traffic Controllers duties shall include -
- monitor all road closure points.
- monitor the detour routes.
- prevent vehicles, spectators and pedestrians from encroaching onto the parade route.
- assist with the dispersal of parade vehicles at the parade finish point a Market Place.
Four Extra Traffic Controllers are to Assist Event Coordinator
Help with crowd control during the parade Where Required
Wilshire Street
Argyle Street
Joins TGS 1.2 Here
Joins TGS 1.4 Here
Old Hume Highway
Wingecarribee Street
500m
40
ROAD WORK AHEAD
Disclaimer:
This guidance scheme is for Traffic Management purposes only.

AVADA


Wingecarribee
SHIRE COUNCIL
LEGEND
Platinum vehicle x2
VIP Reserve Parking x4 Spaces
Site Access
Cones
Team Leader x2
Traffic Controller x19
Traffic Controller x1
Four Extra Traffic Controllers are to Assist Event Coordinator
Help with crowd control during the parade Where Required
6 Traffic Controllers will direct general public to park elsewhere.
7 Traffic Controllers shall allow parade vehicles and local traffic only to access the closed section of Oxley Street.
8 This shoulder area to be delineated for assembly of parade vehicles - Taxis, Community transport bus, W.S.C vehicles & S.E.S vehicles
Wilkinson Street
NO RIGHT TURN
ROAD WORK AHEAD
40
100 m
250m
500m
Old Hume Highway
Parade Start
Joins TGS 1.3 Here
ROAD CLOSED
80m
SPECIAL EVENT AHEAD
Joins TGS 1.5 Here
Oxley Street
QUEUE MANAGEMENT PLAN
PLATINUM
sions
No: By: Date: Description: Appr:
1 TM 18/09/23 Issued for Implementation TM
2 TM 17/01/24 Issued for Implementation TM
3
N
Client: Wingecarribee Shire Council
Contact: TBA
Number: TBA
Location: Old Hume Hwy, Berrima
Activity: Australian Day 2023 Event
Disclaimer:
This guidance scheme is for Traffic Management purposes only.

AVADA


Wingecarribee
SHIRE COUNCIL
Old Hume Highway
Greenhills Road
ROAD CLOSED AT BERRIMA
MAINTAIN SLOW
40
ROAD WORKS
80m
PREPARE TO STOP
Traffic Controller to slow approaching traffic and follow end of que to minimise the chance of end of collisions.
80 m
Joins TGS 1.4 Here
Joins TGS 1.6 Here
LEGEND
Platinum vehicle x2
VIP Reserve Parking x4 Spaces
Site Access
Cones
Team Leader x2
Traffic Controller x19
QUEUE MANAGEMENT PLAN
PLATINUM
sions
No: By: Date: Description: Appr:
1 TM 18/09/23 Issued for Implementation TM
2 TM 17/01/24 Issued for Implementation TM
3
N
Client: Wingecarribee Shire Council
Contact: TBA
Number: TBA
Location: Old Hume Hwy, Berrima
Activity: Australian Day 2023 Event
Disclaimer:
This guidance scheme is for Traffic Management purposes only.

AVADA


END EVENT
80
SPECIAL EVENT AHEAD
60
ROAD WORKS
80m
PREPARE TO STOP
Old Hume Highway
Joins TGS 1.5 Here
Joins TGS 1.7 Here
Wingecarribee SHIRE COUNCIL
LEGEND
Platinum vehicle x2
VIP Reserve Parking x4 Spaces
Site Access
Cones
Team Leader x2
Traffic Controller x19
Traffic Controller x1
QUEUE MANAGEMENT PLAN
Disclaimer:
This guidance scheme is for Traffic Management purposes only.
Client: Wingecarribee Shire Council
Contact: TBA
Number: TBA
Location: Old Hume Hwy, Berrima
Activity: Australian Day 2023 Event
No: By: Date: Description: Appr:
1 TM 18/09/23 Issued for Implementation TM
2 TM 17/01/24 Issued for Implementation TM
3
N

AVADA

Event Contact List

Name	Role	Contact Details
Rachel Seach	**Council Supervisor**	02 4871 2888
Ben Brereton	**Avada Traffic Services Depot Manager**	0488 533 664
TBC	**Avada Team Leader**	
Thomas McNair	**Avada Traffic Services- Planning & Design Manager**	0477 260 939
Jason Hristovski	**Avada Traffic Services Depot Manager**	0455 541 033

Disclaimer

This Traffic Management Plan complies with AS 1742.3 & TCAWS V6.1.

This Traffic Management Plan was drafted & completed by Thomas McNair .
Prepare a Work Zone Traffic Management Plan
Card No: TCT 0072729

 31/10/2024

Avada Traffic Services does not hold any responsibility for the incorrect or unlawful use of this Traffic Management Plan, any amendments that are to be made to this document may only be done by Avada Traffic Services or authorised representative.

www.invarion.com

TRAFFIC GUIDANCE SCHEME - COVER PAGE
(Old Hume Hwy, Berrima)

DRAFTED BY
David Stevens
QLD: TMD OP293
NSW: PWZ - TCT1043731
Date: 31/10/2024
TGS TITLE: Old Hume Hwy, Berrima
TGS #: WSC-1VP-23090224
TGS Valid for 12 months from this date

APPROVED BY
Name: Thomas McNair
NSW PWZTMP : TCT 0072729
Date: 31/10/2024
TGS Title: Old Hume Hwy, Berrima
TGS #: WSC-1VP-23090224
TGS VALID FOR 12 MONTHS FROM THIS DATE

AVADA TRAFFIC

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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: Wingecarribee Shire Council

Client reference number/PO : N/A

Site Contact : Rachel Seach

Phone Number: 02 4863 5261

TMC Contact: Jason Hristovski

TMC Phone Number: 0455 541 033

Proposed start of works: 26/01/2025

Completion Date: 26/01/2025

Hours of Works: 1100 to 1300

Induction Site: Toolbox prior to works

Scope of works / client brief

- Power Utility Works
- Lane closure to conduct works

Wingecarribee SHIRE COUNCIL

TGS REQUIREMENTS FOR TGS - (WSC-1VP-23090224):

Team Leader:	2	**Traffic Lights:**	0	**Operation:**	Event-Full Closure	**Lane Width:**	3.0m
Controllers:	20	**TMA:**	0	**Road Type:**	Two Lane Two Way	**Posted Speed:**	50/60/80 kph
Signs:	62	**VMS Utes:**	0	**Travel Path:**	Around	**Direction:**	NB/SB
TC Utes:	3	**Additional:**	N/A	**Road Category:**	2	**Road Authority:**	Wingecarribee Shire Council

7.3 Dimension D

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 actions.

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 limit.

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.

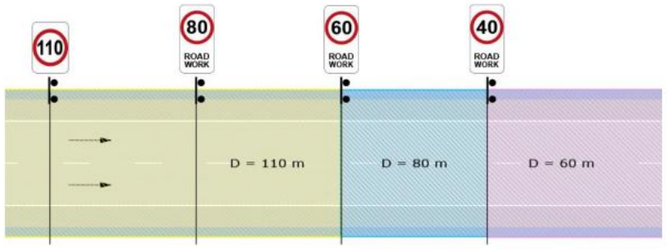


Figure 7-1. Example calculation of Dimension D

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 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 *Section 7.6.2.2 Tapers*	
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

Table 5-13. Traffic controller minimum sight distances

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

Table 7-3. Recommended taper lengths

	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

Number of signs	Approach speed	
	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

Distance of work area to traffic	Mandatory and recommended controls			
	Mandatory/ recommended	Static work		Dynamic work
		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 work 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 work 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 work 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 *Section 7.8* .
	Recommended controls	• Delineation of work area • Temporary safety barriers	• Delineation of work area	• Delineation of work site

Table 6-1. Edge clearances

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

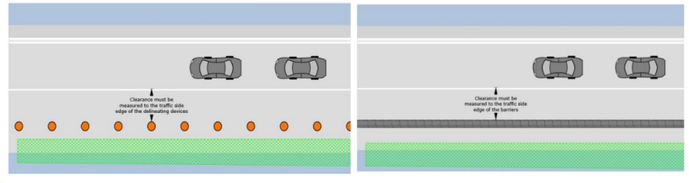


Table 6-18. Size requirements for G6-317n and G6-317-1n signs.

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

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

MOTORISTS

OPTIONS		FEATURES	COMMENTS	RESULT
TRAFFIC THROUGH 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	☒
TRAFFIC PAST THE WORKSITE	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	☒
	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	☒
	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	☒
TRAFFIC AROUND THE WORKSITE	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.	☑
	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	☒
SHORT TERM, LOW IMPACT WORKS		- Acceptable LOS to be maintained - Minimal traffic disruption - Minimal delays to the public	Works meet requirements for Short Term Low Impact Works with completion of Risk Assessment completed	☑

PEDESTRIANS

OPTIONS		FEATURES	COMMENTS	
CLOSE FOOTPATH	DETOUR	- Pedestrians separated from Site personnel, plant items and general site hazards	Works do not impede Footpaths / Pathways and Pedestrian Crossing	☒
	SIDE-TRACK	- Pedestrians separated from Site personnel, plant items and general site hazards	Works do not impede Footpaths / Pathways and Pedestrian Crossing	☒
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

OPTIONS		FEATURES	COMMENTS	
CLOSE CYCLE LANE	DETOUR	- Cyclist separated from Site personnel, plant items and general site hazards	Works do not impede Cycle Lanes or Cycle Paths	☒
	SIDE-TRACK	- Cyclist separated from Site personnel, plant items and general site hazards	Works do not impede Cycle Lanes or Cycle Paths	☒
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.	☒

RESIDENTIAL AND BUSINESS ACCESS

OPTIONS		FEATURES	COMMENTS	
CLOSE ACCESS	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.	☒
	LOCAL ACCESS MAINTAINED	-General Access is closed - Local access to be maintained - Traffic Controllers to assist residents and business'.	Local access to residences, commercial and or private property are to remain accessible during General Works or Events.	☒
RETAIN ACCESS		- Local access to residence and commercial business will be unaffected	Residences of business access will be maintained at all times.	☑

BUS STOPS

OPTIONS		FEATURES	COMMENTS	
CLOSE BUS STOP	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.	- 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.	☒
	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.	☒
RETAIN CURRENT 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	Existing bus stops shall remain open to load and unload passengers during operating times.	☑

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.

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

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.
  - 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 NSW 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.

(1) Traffic controllers shall replace traffic lights to control traffic through site.
(2) Traffic controller sign shall replace the traffic lights sign.
(3) Stop here on red signal sign shall be removed.
(4) 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 Time:
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 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

112 x	Reflective Cone 700mm
62 x	Sign Post
24 x	Sign frame (450X900)
16 x	R4-212 (40) SPEED LIMIT 40 ROAD WORK
15 x	TC / Breaks / Pedestrian Assist
13 x	Sign frame (900x600)
10 x	Barrier Board
8 x	R4-212 (60) SPEED LIMIT 60 ROAD WORK
8 x	Sign frame (1200x600)
7 x	Sign frame (450x600)
7 x	T1-3-1 ROAD PLANT AHEAD
5 x	ETM03_2 END EVENT
4 x	R4-1 (80) SPEED LIMIT 80
4 x	T1-34 TRAFFIC CONTROLLER AHEAD
3 x	R2-6 (R) NO RIGHT TURN NSW
3 x	Sign frame (1800x300)
3 x	Sign frame (450x900)
3 x	T2-4 ROAD CLOSED
3 x	Traffic Control Ute
2 x	R4-1 (40) SPEED LIMIT 40
2 x	Sign frame
2 x	Sign frame (1200x300)
2 x	T1-18 PREPARE TO STOP
2 x	T1-6 DETOUR AHEAD
2 x	TM1-2C Bridgework Ahead
2 x	TM1-3-2C Road Plant Ahead
1 x	G9-9 reduce speed
1 x	R4-1 (50) SPEED LIMIT 50
1 x	Sign
1 x	Sign frame (1200x900)
1 x	T1-11 TRAFFIC ACCIDENT AHEAD
1 x	T5-1 (L) DETOUR LEFT
1 x	T5-1 (R) DETOUR LEFT
1 x	TC /for Shuttle Flow

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.

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

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:_____

Date:_____ Sign:_____

Legend

Reflective Cone 700mm

Site Access

TC /for Shuttle Flow

Team Leader

VIP Reserve Parking

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

Pre-event Advisory Signage

TGS TITLE:

Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.1

TGS REQUIREMENTS:	
Signs:	62
Controllers:	20
Traffic Lights:	0
TC Utes:	3
VMS Utes:	0
TMA:	0
Safety Buffer:	N/A
Taper Length:	60 m
Work Zone Speed:	40 kph
Additional:	N/A

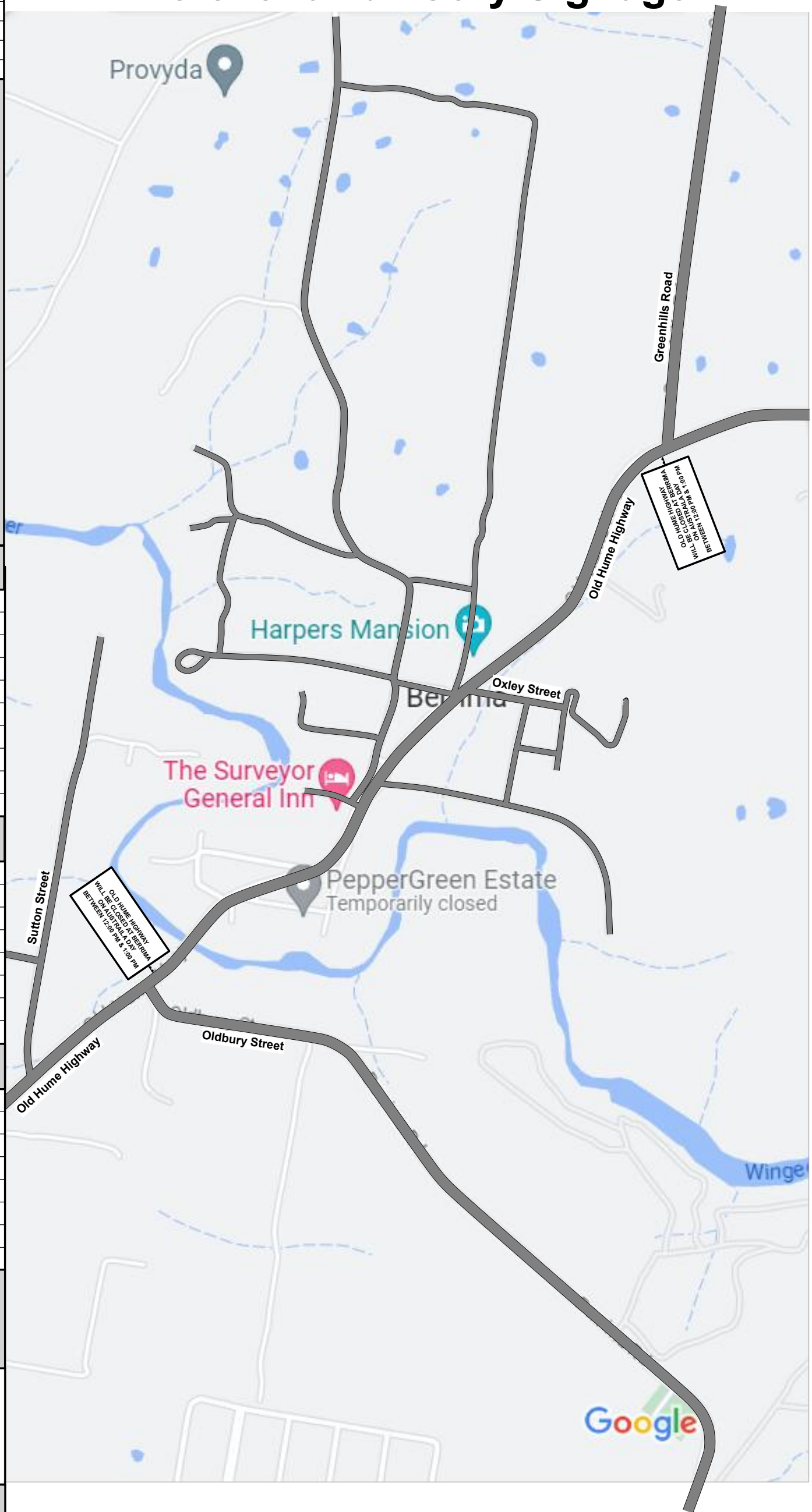
WORKS DESCRIPTION:	
Works Term:	Short
Operation:	Event-Full Closure
Lane Width:	3.0m
Traffic Clearance to Worker:	≤ 1.5m
Traffic Clearance to Objects :	0.5m <65
Traffic Cone Spacing @ 40km:	4 m
Traffic Cone Spacing @ 60km:	12 m
Traffic Cone Size:	700mm

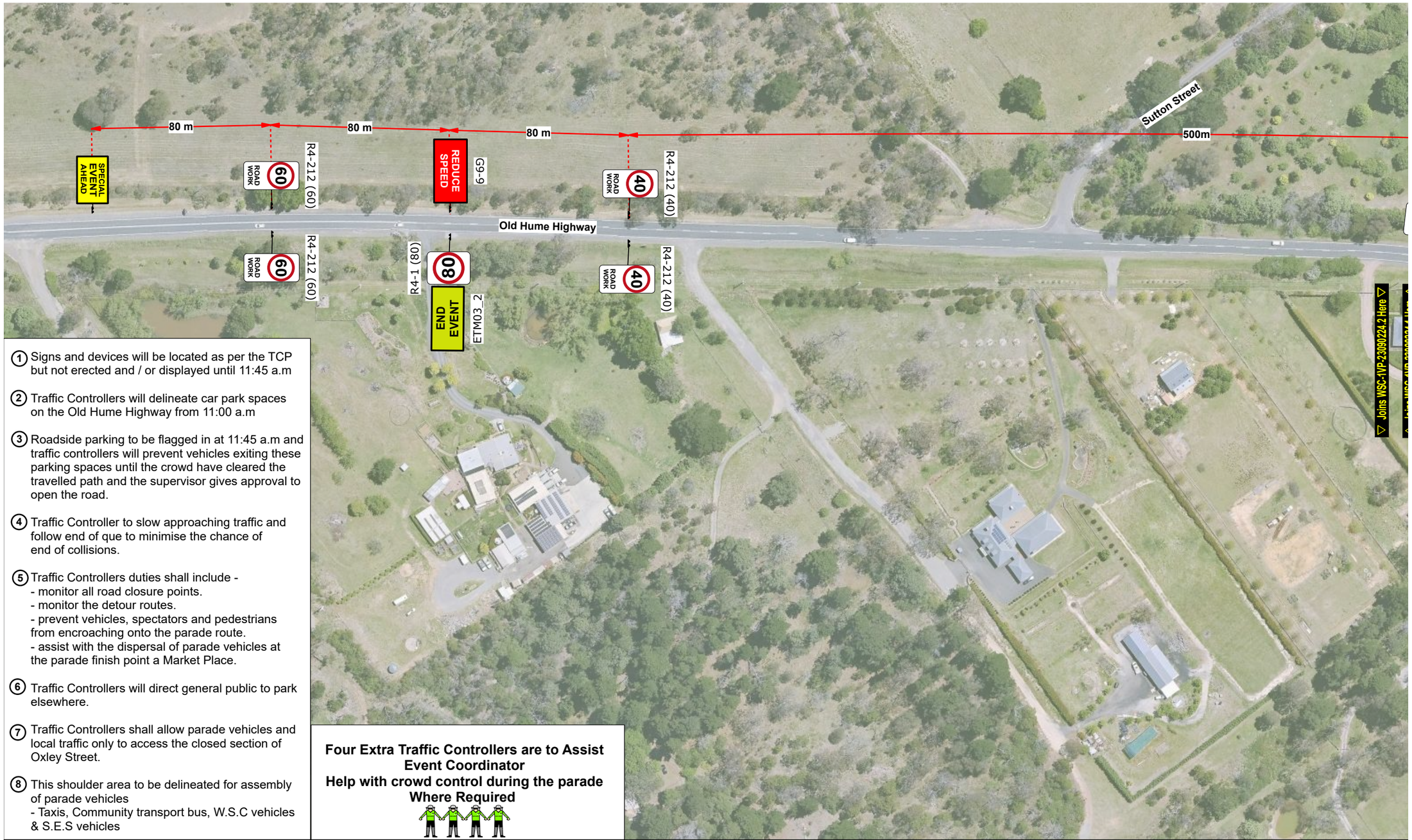
SITE DESCRIPTION:	
Road Category:	2
Road Type:	Two Lane Two Way
Road Authority:	Wingecarribee Shire Council
Travel Path:	Around
Direction:	NB/SB
Pedestrians:	N/A
Cyclists:	Not Affected
Posted Speed:	50/60/80 kph

Drafted By:
David Stevens - TCT 1043731

Approved By:
Thomas McNair - TCT 0072729

SCALE OF PLAN (1 : 1000)





1. Signs and devices will be located as per the TCP but not erected and / or displayed until 11:45 a.m
2. Traffic Controllers will delineate car park spaces on the Old Hume Highway from 11:00 a.m
3. Roadside parking to be flagged in at 11:45 a.m and traffic controllers will prevent vehicles exiting these parking spaces until the crowd have cleared the travelled path and the supervisor gives approval to open the road.
4. Traffic Controller to slow approaching traffic and follow end of que to minimise the chance of end of collisions.
5. Traffic Controllers duties shall include -
   - monitor all road closure points.
   - monitor the detour routes.
   - prevent vehicles, spectators and pedestrians from encroaching onto the parade route.
   - assist with the dispersal of parade vehicles at the parade finish point a Market Place.
6. Traffic Controllers will direct general public to park elsewhere.
7. Traffic Controllers shall allow parade vehicles and local traffic only to access the closed section of Oxley Street.
8. This shoulder area to be delineated for assembly of parade vehicles
   - Taxis, Community transport bus, W.S.C vehicles & S.E.S vehicles

Four Extra Traffic Controllers are to Assist Event Coordinator
Help with crowd control during the parade Where Required

TGS TITLE:

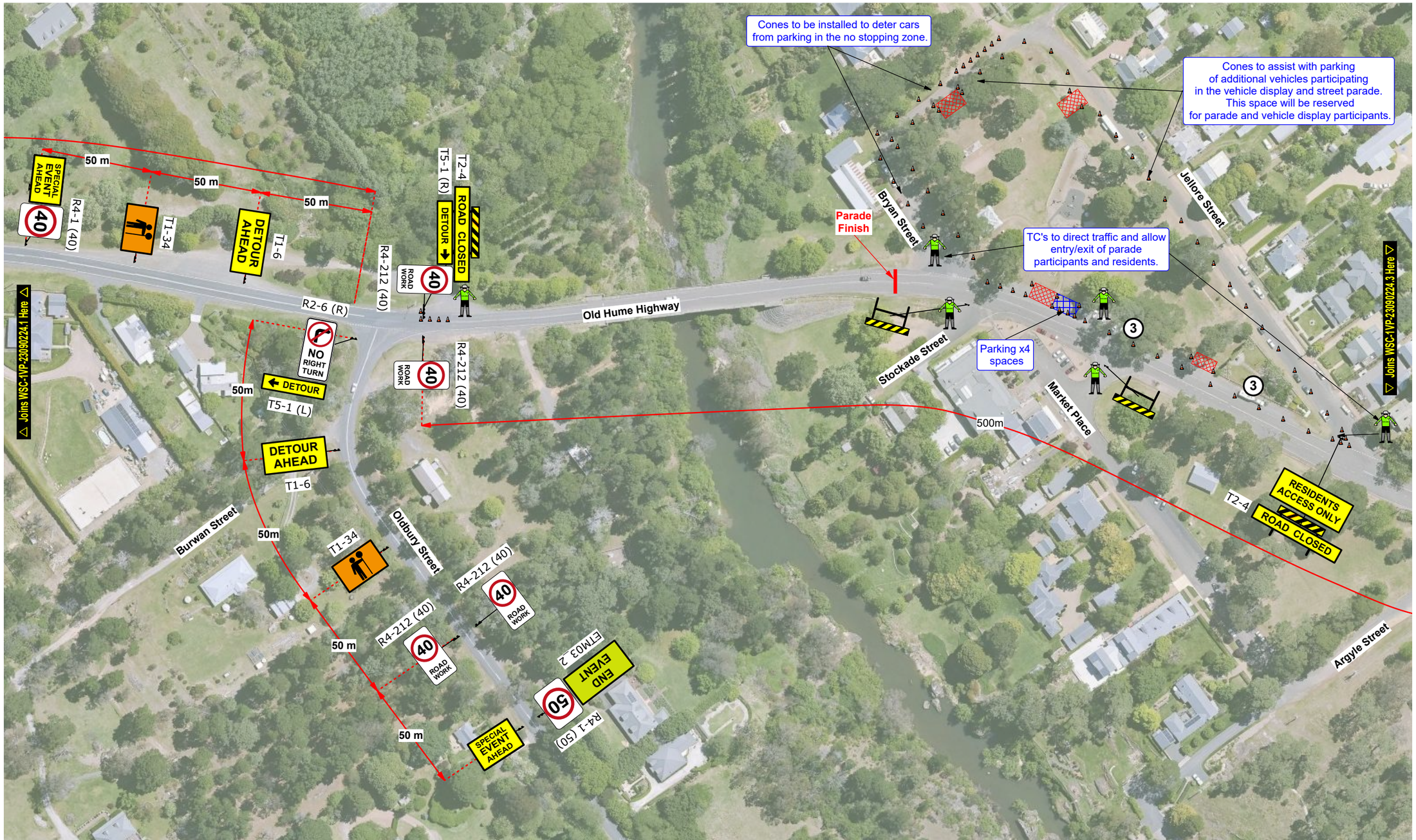
Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.2

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

TGS REQUIREMENTS:			
Signs:	62	**TMA:**	0
Controllers:	20	**Additional:**	N/A
Traffic Lights:	0	**Safety Buffer:**	N/A
TC Utes:	3	**Taper Length:**	60 m
VMS Utes:	0	**Operation:**	Event-Full Closure

WORK SITE DESCRIPTION:							
Works Term:	Short	**Traffic Clearance to Worker:**	≤ 1.5m	**Road Category:**	2	**Direction:**	NB/SB
Travel Path:	Around	**Traffic Clearance to Objects :**	0.5m <65	**Road Type:**	Two Lane Two Way	**Pedestrians:**	N/A
Lane Width:	3.0m	**Traffic Cone Size:**	700mm	**Road Authority:**	Wingecarribee Shire Council	**Cyclists:**	Not Affected
Posted Speed:	50/60/80 kph	**Traffic Cone Spacing @ 40km:**	4 m	**Drafted By: David Stevens - TCT 1043731** **Approved By: Thomas McNair - TCT 0072729**			
Work Zone Speed:	40 kph	**Traffic Cone Spacing @ 60km:**	12 m				

SCALE OF PLAN (1 : 1000)



TGS TITLE:

Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.3

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

TGS REQUIREMENTS:			
Signs:	62	**TMA:**	0
Controllers:	20	**Additional:**	N/A
Traffic Lights:	0	**Safety Buffer:**	N/A
TC Utes:	3	**Taper Length:**	60 m
VMS Utes:	0	**Operation:**	Event-Full Closure

WORK SITE DESCRIPTION:							
Works Term:	Short	**Traffic Clearance to Worker:**	≤ 1.5m	**Road Category:**	2	**Direction:**	NB/SB
Travel Path:	Around	**Traffic Clearance to Objects :**	0.5m <65	**Road Type:**	Two Lane Two Way	**Pedestrians:**	N/A
Lane Width:	3.0m	**Traffic Cone Size:**	700mm	**Road Authority:**	Wingecarribee Shire Council	**Cyclists:**	Not Affected
Posted Speed:	50/60/80 kph	**Traffic Cone Spacing @ 40km:**	4 m	**Drafted By: David Stevens - TCT 1043731** **Approved By: Thomas McNair - TCT 0072729**			
Work Zone Speed:	40 kph	**Traffic Cone Spacing @ 60km:**	12 m				

SCALE OF PLAN (1 : 1000)

TGS TITLE:

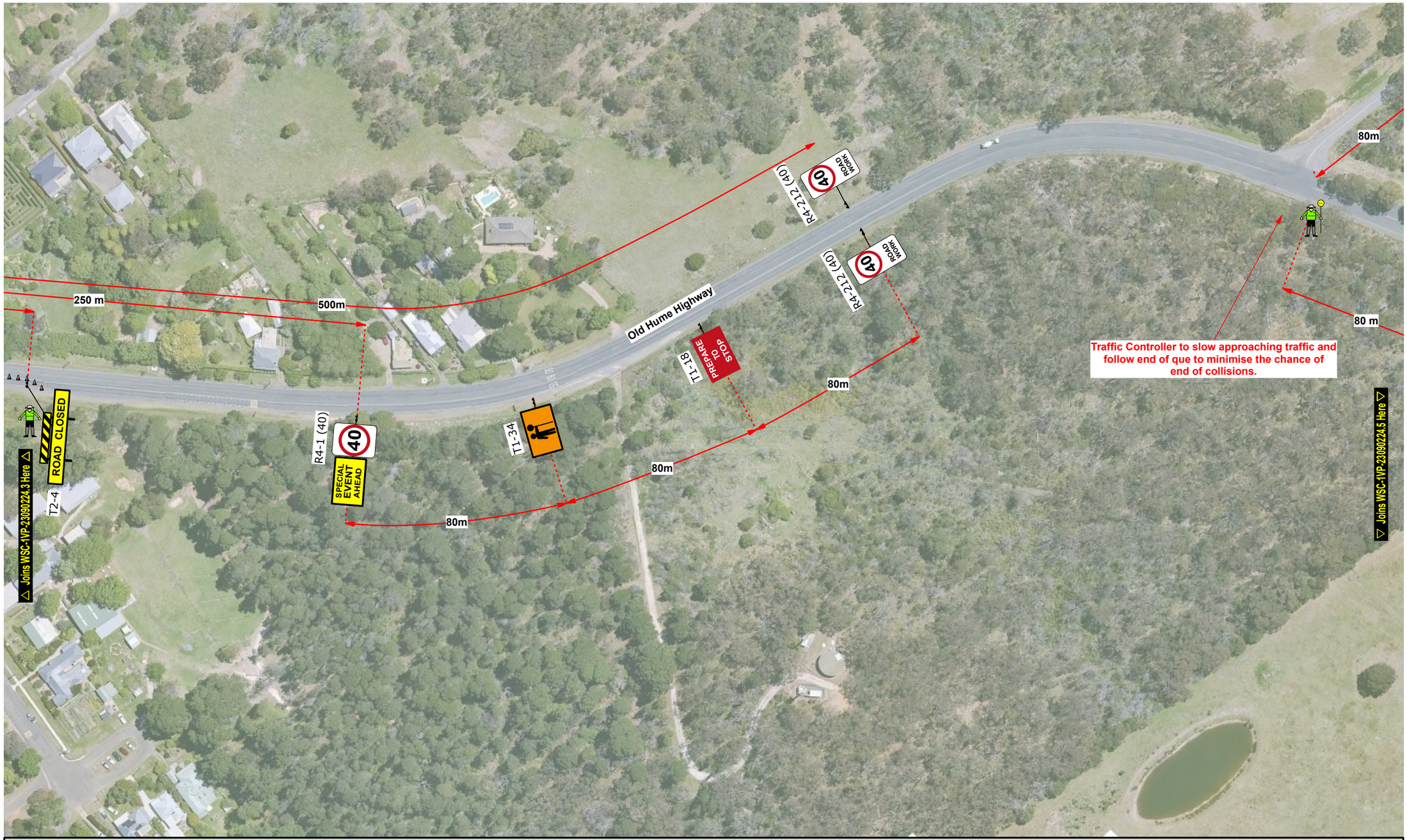
Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.4

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

TGS REQUIREMENTS:			
Signs:	62	**TMA:**	0
Controllers:	20	**Additional:**	N/A
Traffic Lights:	0	**Safety Buffer:**	N/A
TC Utes:	3	**Taper Length:**	60 m
VMS Utes:	0	**Operation:**	Event-Full Closure

WORK SITE DESCRIPTION:							
Works Term:	Short	**Traffic Clearance to Worker:**	≤ 1.5m	**Road Category:**	2	**Direction:**	NB/SB
Travel Path:	Around	**Traffic Clearance to Objects :**	0.5m <65	**Road Type:**	Two Lane Two Way	**Pedestrians:**	N/A
Lane Width:	3.0m	**Traffic Cone Size:**	700mm	**Road Authority:**	Wingecarribee Shire Council	**Cyclists:**	Not Affected
Posted Speed:	50/60/80 kph	**Traffic Cone Spacing @ 40km:**	4 m	**Drafted By: David Stevens - TCT 1043731**			
Work Zone Speed:	40 kph	**Traffic Cone Spacing @ 60km:**	12 m	**Approved By: Thomas McNair - TCT 0072729**			

SCALE OF PLAN (1 : 1000)



TGS TITLE:

Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.5

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

TGS REQUIREMENTS:			
Signs:	62	**TMA:**	0
Controllers:	20	**Additional:**	N/A
Traffic Lights:	0	**Safety Buffer:**	N/A
TC Utes:	3	**Taper Length:**	60 m
VMS Utes:	0	**Operation:**	Event-Full Closure

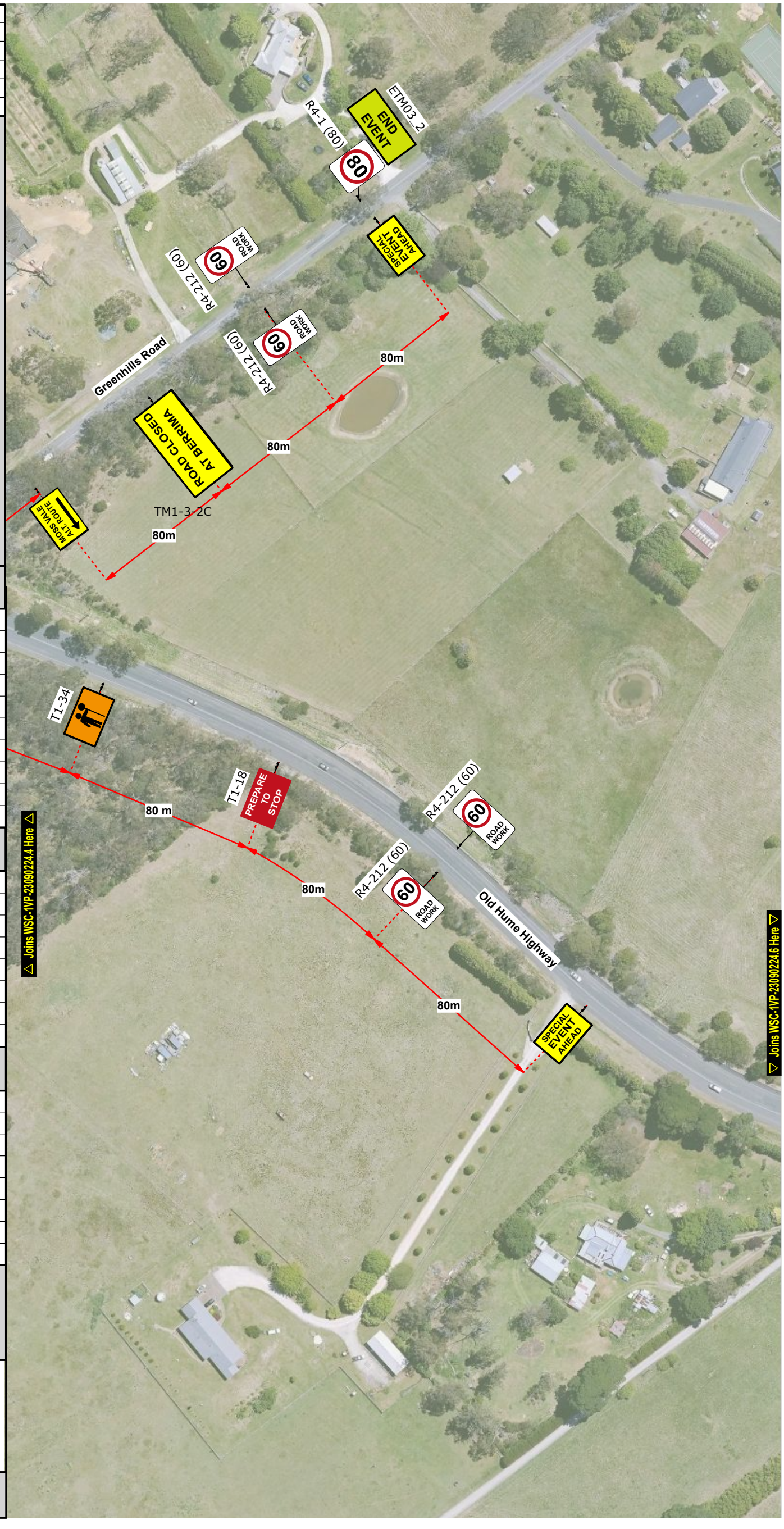
WORK SITE DESCRIPTION:							
Works Term:	Short	**Traffic Clearance to Worker:**	≤ 1.5m	**Road Category:**	2	**Direction:**	NB/SB
Travel Path:	Around	**Traffic Clearance to Objects :**	0.5m <65	**Road Type:**	Two Lane Two Way	**Pedestrians:**	N/A
Lane Width:	3.0m	**Traffic Cone Size:**	700mm	**Road Authority:**	Wingecarribee Shire Council	**Cyclists:**	Not Affected
Posted Speed:	50/60/80 kph	**Traffic Cone Spacing @ 40km:**	4 m	**Drafted By: David Stevens - TCT 1043731** **Approved By: Thomas McNair - TCT 0072729**			
Work Zone Speed:	40 kph	**Traffic Cone Spacing @ 60km:**	12 m				

SCALE OF PLAN (1 : 1000)

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

TGS TITLE:

Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.6



TGS REQUIREMENTS:

Signs:	62
Controllers:	20
Traffic Lights:	0
TC Utes:	3
VMS Utes:	0
TMA:	0
Safety Buffer:	N/A
Taper Length:	60 m
Work Zone Speed:	40 kph
Additional:	N/A

WORKS DESCRIPTION:

Works Term:	Short
Operation:	Event-Full Closure
Lane Width:	3.0m
Traffic Clearance to Worker:	≤ 1.5m
Traffic Clearance to Objects :	0.5m <65
Traffic Cone Spacing @ 40km:	4 m
Traffic Cone Spacing @ 60km:	12 m
Traffic Cone Size:	700mm

SITE DESCRIPTION:

Road Category:	2
Road Type:	Two Lane Two Way
Road Authority:	Wingecarribee Shire Council
Travel Path:	Around
Direction:	NB/SB
Pedestrians:	N/A
Cyclists:	Not Affected
Posted Speed:	50/60/80 kph

Drafted By:
David Stevens - TCT 1043731

Approved By:
Thomas McNair - TCT 0072729

SCALE OF PLAN (1 : 1000)

TGS TITLE:

Wingecarribee Shire Council - Old Hume Hwy, Berrima - Event-Full Closure - WSC-1VP-23090224.7

Rev	Details	Date	By
0	Initial Release	31/10/2024	DS

TGS REQUIREMENTS:			
Signs:	62	**TMA:**	0
Controllers:	20	**Additional:**	N/A
Traffic Lights:	0	**Safety Buffer:**	N/A
TC Utes:	3	**Taper Length:**	60 m
VMS Utes:	0	**Operation:**	Event-Full Closure

WORK SITE DESCRIPTION:							
Works Term:	Short	**Traffic Clearance to Worker:**	≤ 1.5m	**Road Category:**	2	**Direction:**	NB/SB
Travel Path:	Around	**Traffic Clearance to Objects :**	0.5m <65	**Road Type:**	Two Lane Two Way	**Pedestrians:**	N/A
Lane Width:	3.0m	**Traffic Cone Size:**	700mm	**Road Authority:**	Wingecarribee Shire Council	**Cyclists:**	Not Affected
Posted Speed:	50/60/80 kph	**Traffic Cone Spacing @ 40km:**	4 m	**Drafted By: David Stevens - TCT 1043731** **Approved By: Thomas McNair - TCT 0072729**			
Work Zone Speed:	40 kph	**Traffic Cone Spacing @ 60km:**	12 m				

SCALE OF PLAN (1 : 1000)