



BUSINESS PAPER

Notice is hereby given in accordance with the *Local Government Act 1993* and Local Government (General) Regulation 2005 of the below mentioned meeting.

Traffic Committee Meeting

Wednesday, 7 August 2024

Commencing at 9:30 AM

Shellharbour Civic Centre

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1. Acknowledgement to Country

Shellharbour City Council acknowledges the Traditional Custodians of the Dharawal Country and recognise their continued connection to the land we meet on today. We pay our respects to Elders past, present and emerging and the contribution they make to the life of this city and this region and extend our recognition to their descendants who continue to live on country.

2. Apologies

3. Leave of Absence

4. Confirmation of Minutes

4.1 Traffic Committee Meeting - 5 June 2024

That the Minutes of the Traffic Committee Meeting held on 5 June 2024 as circulated be taken as read and confirmed as a correct record of proceedings.

5. Disclosures of Interest

Note: Councillors and staff who declare an Interest at the Meeting are also required to complete a Declaration of Interest form.

6. Addresses to Committee

7. Presentations

8. Reports

8.1 Temporary full road closure - Beverley Avenue, Warilla - Eco Eats and Beats - 10 November 2024

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the temporary full road closure of Beverley Avenue, Warilla as part of the Eco Eats and Beats event that will be held on 10 November 2024 (as shown in **Attachment 1**).

Background

Council has been successful in gaining grant funding under the Transport for NSW Vibrant Streets Package - Open Streets Program. The program aims to temporarily close streets to vehicles to safely open them for the community through community events and activities. Under this program, Council will be holding the Eco Eats and Beats Street Festival which is a vibrant street festival that will showcase a variety of eco-friendly activations for the community including long table dining using upcycled furnishings, workshops focusing on recycling and reusing of materials, waste wise activations, upcycled market, nature play and street performances. The event will be held on Sunday 10 November 2024 from 10:00am to 2:00pm.

As part of the event, a temporary full road closure of Beverley Avenue, Warilla between Hall Lane and Woodford Street will be in place from Sunday 10 November 2024 8:00am to 4:00pm. The Beverley Avenue carpark will be closed from Saturday 09 November 12:00pm and reopened in line with the end of the road closure of Beverley Avenue. As shown in the Traffic Guidance Scheme (TGS) (**Attachment 1**), hostile vehicle mitigation will be implemented at both ends of Beverley Avenue and authorised traffic controllers (TC) will be stationed at both ends of Beverley Avenue and Hall Lane to direct vehicles and pedestrians safely throughout the event. As part of the TGS, it should be noted that vehicle will be required to travel in an opposing direction to the pavement

arrows along Hall Lane (eastbound instead of westbound) to navigate site however authorised traffic controllers will be on site to ensure that the safety of all personnel are managed effectively. Rural Fire Service (RFS) volunteers will be on site to marshal pedestrians from the overflow parking to the event site, authorised TC will assist with pedestrian movement within the event zone. Parking for the event is shown in **Attachment 2** where orange indicates on street parking, green indicates off street parking and purple indicates overflow parking. Furthermore, the temporary Kiss and Drop zone is indicated by the purple vehicle icon and will be located at the northern end of Beverley Avenue (as shown in **Attachment 2**).

As shown in the VMS Strategy Plan (**Attachment 1 and 3**), VMS boards will be placed around the event site in the lead up to the event and on the day of the event to forewarn motorists of the changed road conditions in the area. There will be no disruption to public transport in the area due to the event. The Shellharbour to Barrack Point loop bus service 72 goes via George Street and loops around via Osborne Parade and Peterborough Avenue then back to Shellharbour Road. However, this route does not operate on Sundays and no other routes travel in this direction. No Taxi Zones are located within the proposed road closure area, and the existing Taxi Zone located on the southern alignment of George Street will remain accessible and unaffected by the event. Both Premier Illawarra and Illawarra Taxi Network were notified in the first week of July 2024 of the planned event and no objections were received.

Furthermore, impacted businesses were provided with advanced notice of the event (in July) with many business owners eager to be informed of the planned community event. Residents will be notified via a letter box drop and social media updates closer to the event. On the day of the event, the event manager and traffic controllers will work with businesses and residents within the event zone to ensure safe access to private driveways. Security will be on site for both the bump in and bump out of equipment as well the event itself.

Financial / Resources Implications

If approved, works will be carried out by Council and funded by Transport for NSW.

Legal and Policy Implications

Nil

Public / Social Impact

- Activation of the Warilla town centre and improved community engagement through community activities

- Traffic flow in and around the event will be altered for the duration of the closure and signage will be provided to give early notification of these changes to traffic.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.1 We inspire community spirit

1.1.1 Foster creativity and events that bring people together

1.1.1.01 Support and implement events and activations across the City

1.1.2 Work within our communities to connect people, build resilience and opportunity to participate in community life

1.1.2.01 Facilitate and foster community partnerships that build community capacity, attract resources and promote local community initiatives

Consultation

Internal

Events and Activations Officer

Manager Compliance and Regulation

Manager Floodplain and Transport (Acting)

Road Safety Officer

Executive Manager Waste Services

External

Business owners in close proximity to the event zone

Premier Illawarra

Illawarra Taxi Network

Transport for NSW

NSW Rural Fire Service - Illawarra Unit

Political Donations Disclosure

Not Applicable

Committee Recommendation

That Council endorse the temporary full road closure of Beverley Avenue, Warilla as part of the Eco Eats and Beats event that will be held on 10 November 2024 (as shown in Attachment 1) subject to the following conditions:

- 1. The applicant must inform all residents/businesses who may be impacted by this temporary road closure, including all businesses at least seven days before the closure via a letterbox drop.**
- 2. The applicant must supply and erect any barriers and traffic signs necessary for the road closure as stipulated by the approved Traffic Guidance Scheme (TGS) and remove them at the completion of the works.**
- 3. Temporary signs are recommended to advise drivers of the road closures 7 days in advance of the road closures.**
- 4. Council must be indemnified against all claims for damage or injury that may result from either the activities or from the occupation of part of the public way during the activities. A copy of Public Liability Insurance Cover to the value of \$20,000,000 shall be provided to Council prior to the event and Council must be listed as in interested party on the insurance.**
- 5. Council must be reimbursed for the cost of repair of any damage caused to Council property as a result of the activities.**
- 6. The applicant must inform all Emergency Services of the proposed road closure (that is NSW Police, Fire Brigade, Ambulance, State Emergency Services).**
- 7. Shellharbour City Council reserves the right to cancel this approval at any time.**

Attachments

- 1. Beverly Ave Warilla TMP**
- 2. Eco Eats and Beats Parking Plan**
- 3. VMS Strategy Plan**

Traffic Management Works and services provided to Shellharbour City Council under Traffic Logistics



Site location: Beverley Ave Warilla

This document provides the reader, the implementers and significant stakeholders the requirements and details around the scope of works, the site's preparation, within the scope, and compliance with current local and national standards and regulations.

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Mobile Number: 1300001599

Prepare Work Zone TMP: TCT 0046634

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NEWCASTLE

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Beresfield NSW 2322

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Purpose

The purpose of this Traffic Management Plan is to ensure the commitment to safety of the traffic management team and the contractor's team, and that the safety processes, procedures, reporting and reviewing processes of each entity are met during the life of this project. This will be accomplished with the effective preparation, implementation and review of the scope of works, development of traffic control strategies, vehicle routing and movement strategies, development of Traffic Control Guidance Schemes (TGS's), assessment of on-site traffic controlling conditions, usage and effectiveness of traffic control devices implemented, emergency vehicle requirements and access routes, and the continual training and assessment of accredited Traffic Controllers.

This plan aims to identify the risks to all workers undertaking any works on or adjacent to a road. It shall ensure that appropriate control measures for any identified hazard are assessed, controlled, implemented, monitored and reviewed using the strategies and processes outlined in the Hierarchy of Control.

The legislative and reference documents used in conjunction with this plan include, but are not limited to:

- WH&S Act and Regulations (New South Wales).
- Transport Operations (Road Use Management) Act and Regulations (New South Wales).
- Risk Management Code of Practice (2007).
- Traffic Management for Construction or Maintenance Work Code of Practice (2008).
- Traffic Control at Worksites Manual (2022 V 6.1).
- Australian Standard 1742.3- Manual of Uniform Traffic Control Devices (2009).

All contractors, subcontractors, employers, workers, and other persons on-site shall be held to the standards set out in this Traffic Management Plan.

Risk assessments will be conducted before Traffic Guidance Schemes are implemented and, prior to erecting any traffic control devices on site. This will assist in achieving a zero-harm working environment for all people within and around the work area.

Project Summary

Scope of Works

Shellharbour city council will be holding an event on Beverley Avenue called the Eco Eats and Beats Festival on the 10th of November 2024. The event will attract patrons to the area for the festivities and will require a road closure in place to hold the event in the Beverley Avenue carpark as well as the road for the festivities to take place.

Location of Works

The location of the Event will be in the Beverley Avenue carpark and road between George Street and Woodford Avenue Warilla. The event will also occupy half the carpark as well with half remaining open to the public during the event. The Map below can also show the layout of the event.



Time & Dates of Work

The Event is proposed to take place on the 10th of November 2024 from 10:00-1400. There will be setting up and packing down of the event that will be required to take place. Road Closures will need to be installed to assist setting up and packing down from 8Am till 4PM.

Additional infrastructure will need to be delivered to the carpark the day before on the 9th of November between 12:00PM and 5:00pm which will be on the east side of the carpark (Denoted by the yellow square in the above map).

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The below table will show the scheduled times and dates of the event operations from state to finish

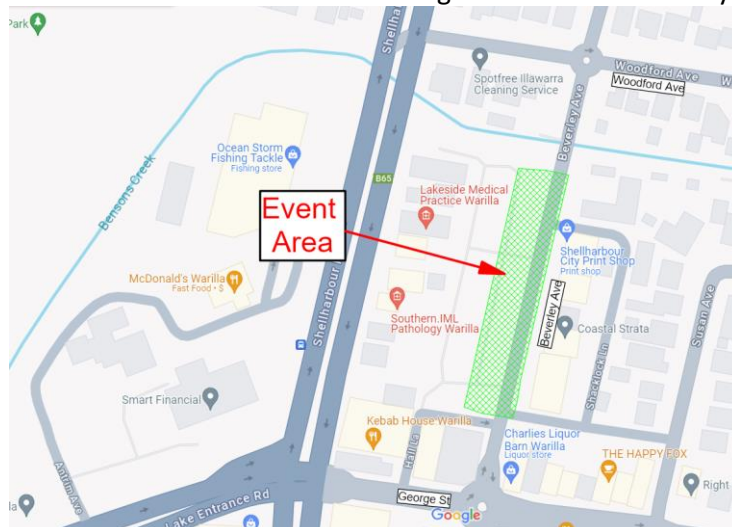
	DATE	TIME
INFRASTRUCTURE BUMP IN 1 & CAR PARK CLOSEURE	9/11/2024	12:00 – 17:00
ROAD CLOSURE	10/11/2024	08:00
INFRASTRUCTURE BUMP IN 2	10/11/2024	08:00
STALL HOLDER BUMP IN	10/11/2024	09:00
Sound checks	10/11/2024	09:00-10:00
EVENT	10/11/2024	10:00 – 14:00
STALL HOLDER BUMP OUT	10/11/2024	14:00 – 15:00
INFRASTRUCTURE BUMP OUT	10/11/2024	15:00 – 16:00
ROAD RE OPENED	10/11/2024	16:00

Road Configuration

Beverley avenue is a council road with a posted speed of 50km/h. The road runs north and south direction with a single lane of traffic in each direction. There are light commercial buildings on the southern end of the road with residential housing on the north side of the road.

Work Areas

The event area will be on the eastern side of the carpark and will also be using Beverley Avenue itself. The extent of the road closure for the event will be from George Street to 16 Beverley Avenue.



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Exclusion Zones

Exclusion zones shall be defined at the discretion of the Team Leader/Supervisor whilst on-site. This provides the safest and most practical exclusion zones for workers and non-workers to navigate to desired destinations. These exclusion zones shall take into consideration any Traffic Logistics Pty Ltd and Shellharbour city council policies and procedures when defining the area.

Shared Areas

Vehicles, plant and workers shall work harmoniously within the designated work area with the use of effective communication strategies. These strategies will inform all workers when there are any foreseeable conditions or events that may be dangerous to everyone within the work area, and may include verbal communication, positive gestures, sign language and any additional endorsed communication strategies discussed during a pre-start toolbox.

No-Go-Zones

At no stage shall any worker engage in any behaviour that will impact any area that is within one metre of the edge of Beverley Avenue. This includes workers-on-foot, as well as workers conducting any elevated works within the designated work area. The no-go-zones provided on-site shall be listed during the pre-start, along with any additional no-go-zones in compliance with the Shellharbour city council and Traffic Logistics Pty Ltd policies.

Management of the Traffic Management Plan (TMP)

Site Inspection

The event area will be using Beverley Avenue carpark and Beverley Avenue itself. This will have impact a few local businesses and some residents as well as half a local carpark. The carpark itself will serve as great location to hold the event. However, this will mean a reduced amount of available parking during the event. As half the carpark will be occupied patrons for other business will need to find alternative parking in the area. Council has already engaged with local businesses affected and will continue to do so in the lead up to the event

Community Landmarks

Trafficable Lane Restrictions

There are parking bays along Beverley Avenue that will be occupied during this event and half of the carpark at Beverley Avenue.

There will be road closures in place that will prevent the generally public from travelling through the event from the intersection on Beverley and George Street up to number 16 Beverley Avenue.

There will be no other traffic lane restrictions in place.

Bus Routes & Stops

No bus stops or routes along Beverley Avenue will be affected during this Event. The Shellharbour to Barrack point loop bus service 72 goes via George Street and loops around via Osbourne Parade and

Peterborough Avenue back to Shellharbour Road. However, this route doesn't operate on Sundays and no other routes travel this direction. Council has consulted with Premier Illawarra about this event.

Existing Parking

Half the carpark at Beverley Avenue on the eastern side will be occupied by the event with half remaining open to the public. Traffic controllers will be in place to assist with patrons to and from the carpark as per TGS attached.

Pedestrians

Pedestrians will be able to freely move around within the event as there will be road closures in place with vehicle mitigation as protection for the pedestrians walking safely within the event area. Traffic cones and road closures barriers will be installed to protect the pedestrians inside the event area. The carpark area on the southwestern corner will be managed with traffic controllers performing stop slow for vehicles and pedestrians walking past this area to the local businesses and the event area itself. Half the carpark will still be operational as per the TGS with priority given to those need accessible parking spots

Traffic controller personal will be using stop slow bats to management the traffic at this location at Hall Lane.



Traffic Logistics will be responsible for managing all pedestrians within the boundaries of this event.

Council will be responsible for the safety of the pedestrians accessing the overflow car park location at King Mikey Park using the paved footpath to access the event. Council will engage RFS to assist in the overflow parking management and pedestrian safety at key intersections

Controls for Site Inspection Items & Community Landmarks

There will be advanced warning signs and detours signs in place as well as road closures vehicle mitigation traffic cones and traffic control personal onsite to management the patrons around this event.

Emergency Event Procedure & Emergency Vehicle Movement Plan

All emergency service vehicles shall be given priority in an event where their vehicles are required to travel through the site. At least one open trafficable lane shall always be kept open to ensure that the emergency service vehicles are not impeded on approach to an emergency event.

Traffic Guidance Scheme (TGS)

The Traffic Control Guidance Scheme has been developed in accordance with the Traffic Control at Work Sites Manual (TCWS, version 6.2, 2.23). This Traffic Control Guidance Scheme must also comply with the national requirements within the Australian Standard 1742.3 and shall only be implemented by accredited traffic controllers. If there is a requirement for this TGS's to be modified, the implementer shall consult the TCGS developer and discuss the adjustments required with the proposed changes reflected in a risk assessment (in compliance with TCWS requirements). Any adjustments are to be completed by the developer. See Appendix Item A for reference

Vehicle Movement Plan (VMP)

The Vehicle Movement plan is not a Traffic Control Guidance Scheme but provides the work crew with the direct flow of traffic into and out of the work area.

VMS Strategy

There will be 3 VMS boards placed out prior to the event to advises the public of the road closures that will be on Beverley Avenue before it takes effect.

Shellharbour city council will be responsible for the installation of the VMS boards for this event.

The VMS boards will say Beverley Ave Closed 10/11/24 8Am till 4PM

The first board location will be Northbound on Shellharbour Road prior to Terry Street.



The 2nd VMS board location will be Southbound on Shellharbour Road at Woolworths Avenue.



The 3rd VMS location will be eastbound on lake entrance road.



Approvals Required before Implementation

Before any delineation devices are implemented in Beverley Avenue, evidence of an approved Road Occupancy Licence and activation of said licence is required to begin the traffic management process. A copy of the Road Occupancy Licence, along with additional licences/permits as required by Shellharbour City Council shall be on-site at all times and shall be able to be produced at any point in the shift for review of significant stakeholders.

Hold Point: *Certificates of Approval*

Process Held: Works involving the implementation of traffic control devices on an RMS road that requires a Road Occupancy Licence and/or additional licences/permits.

Submission Details: Evidence of documentation approving the works to be completed i.e. Road Occupancy Licence, council permits (if required), accompanied licencing requirements for works.

Release of Hold Point: Activating approved Road Occupancy Licence, along with the compliance of any terms or conditions that accompany the licence.

Implementation of TMP, TGS and VMP

The implementation of the Traffic Management Plan, Traffic Control Guidance Scheme and Vehicle Movement Plan shall, in accordance with local requirements (TCWS v6.1, 2022) be fully qualified and accredited in the implementation of Traffic Management devices. No works shall begin prior to the review of all traffic controllers on-site displaying copies of accreditation.

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Hold Point: Certification of Workers

Process Held: Works involving the implementation of traffic control devices.

Submission Details: Evidence of qualifications held by all traffic controlling parties on the work site.

Release of Hold Point: Documenting the qualification numbers of all workers intending to implement traffic control devices.

Responsibilities

Team Leader

In accordance with TCWS Manual, the works supervisor or equivalent qualified person shall:

- Ensure that all signs and devices required by the TGS are available, are the correct size and are in good condition.
- Ensure that the locations and types of devices are recorded in the diary.
- Ensure that authorisations have been given for the use of any roadwork speed zones or portable traffic signals.
- Ensure that, where flashing arrow signs are specified, only type-approved equipment complying with Specification TSI-SP-060 is used in accordance with Section 11, Illuminated flashing arrow signs.
- Ensure that the TGS is implemented as approved, and a copy is available on site.

Traffic Controller

In accordance with TCWS Manual, the person/s qualified in “Implement Control Plans” shall implement the approved TGS before physical work commences and ensure that a copy of the TGS is kept on site. The implementer shall also drive through the site before work begins to ensure that the TGS has been implemented correctly and that it will warn, instruct and guide road users as designed. This drive through should also be completed at night if the traffic management will be in place after hours. Any variations made to the plan must be marked on the TGS and initialled by the team leader.

The implementer shall ensure that, in conforming to the approved TGS, by way of initial and regular inspections:

- There are no contradictory signs.
- There are no surplus, obstructing or distracting signs.
- The TGS fits with other traffic control in the area which may or may not be under the control of the one organisation.
- Signs are suitably placed, by considering:
 - Line of sight and sight distances
 - Road user approach speeds
 - Expected queue lengths
 - Visibility, shady or high glare areas
 - The effects of sunrise and sunset
 - Lateral offset to travel lanes
 - Height of signs
- Only trained, certified and authorised traffic controllers are used and are suitably positioned.
- Signs and devices are in place at appropriate times and removed or covered when not needed.
- Covered signs are inspected during windy periods to ensure that the covering has not been disturbed.
- Damaged or defective signs are replaced or repaired as soon as practicable.
- A trafficable travel path for vehicles is maintained and clearly defined.

The team leader shall also report any anomalies or inconsistencies found in the TGS's being used.

Plant & Equipment

All vehicles used in traffic control operations will be equipped with the appropriate vehicle mounted warning devices in accordance with the Transport for NSW Traffic Control at Worksites Manual and G10. During daytime, where plant and equipment working in a position adjacent to traffic and having a projection beyond the normal width of the item will have a fluorescent red flag attached to the outer end of the projection. During poor light conditions or at night, an additional traffic controller with an illuminated red wand will direct traffic around such plant and equipment.

During nighttime, where traffic is permitted to use the whole or portion of the existing road, all plant items and similar obstructions will be removed from the normal path of vehicles to provide a lateral clearance of at least 6m where practicable, with a minimum clearance of 1.2m.

Plant and equipment, within 6m of the normal path of vehicles, will be lit by no less than two yellow steady lamps suspended vertically from the point of the obstruction nearest to the traffic lane, and one yellow steady lamp at each end of the obstruction on the side furthest away from the traffic lane.

Time Management

Traffic Logistics Pty Ltd and/or Shellharbour council must meet all time management requirements including:

- Notifying emergency services and relevant transport industry of significant traffic disruption
- Notifying residents and businesses affected by any disruption (i.e. VMS board, letterbox drop).
- An additional letterbox drop/s to residents at least five business days before the proposed commencement date.
- Ensuring works are only carried out during the times and days permitted.
- Lodgement, no less than ten business days before the work, a Road Occupancy Licence.
- Advise the TMC of delays to traffic which are, or are anticipated to be, longer than 15 minutes.

Appendix A





WOLLONGONG
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Disclaimer & Review

To the knowledge of the developer of this Traffic Management Plan, the details within are accurate reflections of the proposed work area. Any changes made to this work area prior to the commencement of work shall be reported to the developer, to which appropriate adjustments shall be made.

Traffic Logistics Pty Ltd does not hold any responsibility in the on-site implementation of the Traffic Management Plan, Traffic Control Plans or Vehicle Movement Plans if these plans are implemented by any organisation other than Traffic Logistics Pty Ltd. These plans are provided for Traffic Management Service Providers, that take ownership of all traffic management events during the initial implementation of the work site, through to the conclusion of the project.

This Traffic Management Plan requires reviewal prior to the acceptance and implementation by the direct customer, Traffic Logistics Pty Ltd, and any additional notes to be provided with an authoritative signature, confirming the acceptance of the product provided.

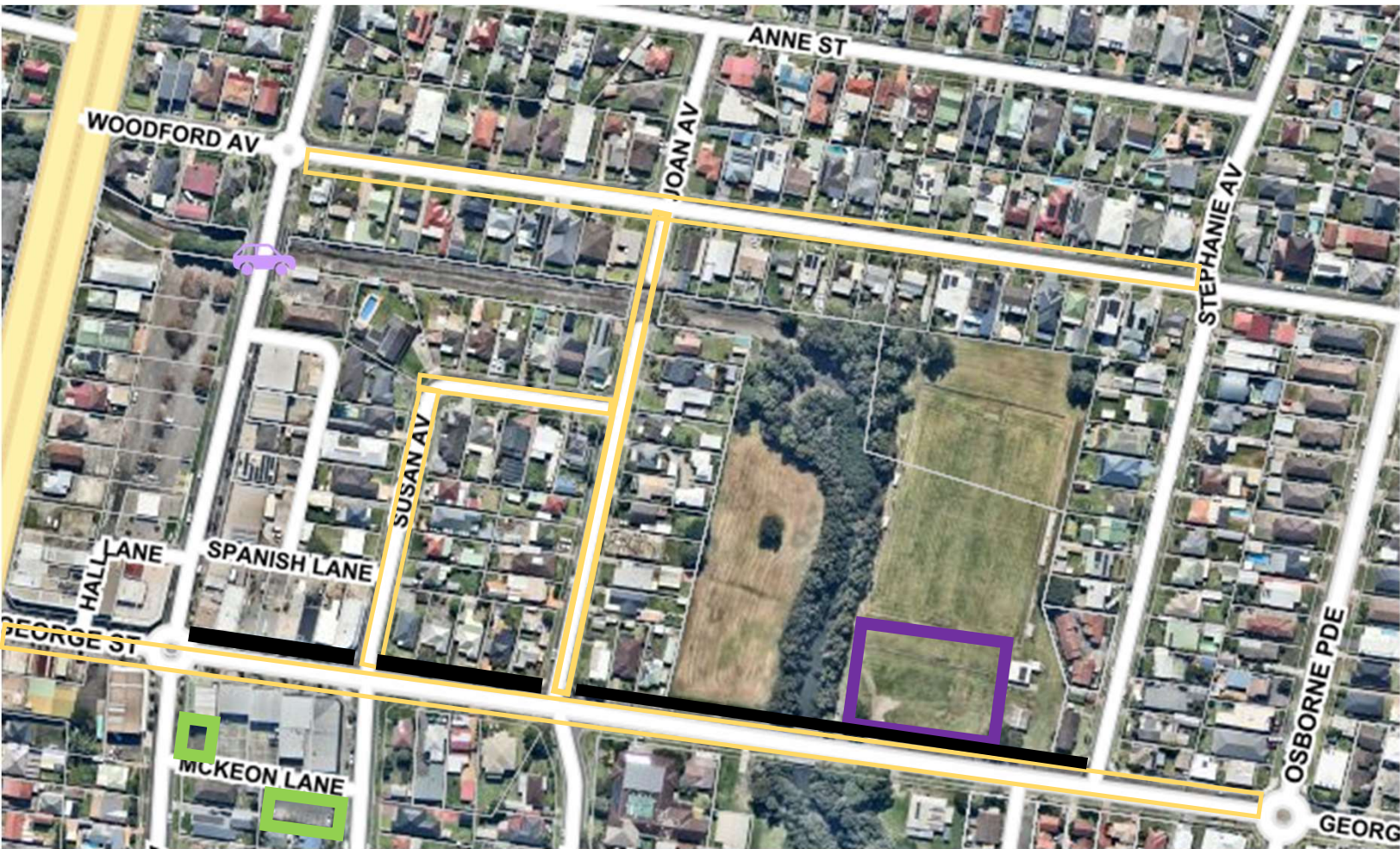
TMP Recommendations & Changes

This TMP has been reviewed by: _____ on the ____ / ____ / ____
Changes to be made are listed below:

Authorised approver of changes: _____, current PWZ TMP licence holder.

PWZTMP Licence Number: _____

Signature: _____ Date: ____ / ____ / ____



-  Overflow parking
-  Smaller parking lots
-  On Street Parking
-  Paved pedestrian footpath
-  Kiss and drop zone

Beverley
Ave
CLOSED

10/11/24
8am-4pm



VMS 1 Northbound on Shellharbour Road prior to Terry Street



VMS 2 Southbound on Shellharbour Road at Woolworths Ave



VMS 3 eastbound on Lake Entrance Road

8.2 Temporary partial road closures Junction Road and Shell Cove Road, Barrack Point and Skiway Park, Oak Flats - Run Shellharbour 29 September 2024

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Wayne Wilson, Manager Floodplain and Transport (Acting)

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the temporary road closures of Junction Road and Shell Cove Road and the partial closure of the carpark at Skiway Park, Oak Flats (as shown on **Attachment 1**).

Background

Council has received a request from Kao Kreative for the temporary road closure of Junction Road, Shellharbour/Barrack Point and the temporary partial road closure of Shell Cove Road, Barrack Point for the Run Shellharbour event held on Sunday 29 September 2024 between 6:00am to 12:00pm as shown in the Traffic Management Plan (**Attachment 1**).

Run Shellharbour is an annual running festival that will incorporate a marathon(42.2km), half marathon (21.1km), 10km, 5km and 1km event that will require the temporary road closure of Junction Road to facilitate the start of the event. The start and finish area will be located in the southern end of Beverley Whitfield / Eric Creary Park, Shellharbour. The event will use the shared path within Eric Creary Park, with a partial closure of Shell Cove Road, Barrack Point. The run will continue along the shared path via Reddall Reserve, heading under Windang Bridge to the Oak Flats Skiway Park and return back to Eric Creary Park (as shown in **Attachment 1**). The run course will consist mainly of shared footpath and a short distance of road running which will require partial closures along Junction Road, Shellharbour/Barrack Point and Shell Cove Road, Barrack Point. A Traffic Management Plan (as shown in **Attachment 1**), and Parking Plan (as shown in **Attachment 2**) has been supplied by the organisers of the event.

The event is expected to attract 2,000 competitors. Road closures are proposed to include the following:

- **Junction Road, Shellharbour/Barrack Point** - There will be a temporary road closure along Junction Road from the Shellharbour Surf Club to Surfrider Caravan Park at the commencement of each race. Vehicle access to the caravan park will not be impacted. Road closures will occur at the beginning of each race, for 15 minutes as the race begins. The 42.2km race will begin at 7:00am, the 21.1km will begin at 7:30am, the 10km race will begin at 9:00am, the 5km will begin at 10:00am and the 1km race will begin at 11:00am.
- **Shell Cove Road, Barrack Point** - There will be a partial closure of Shell Cove Road (as shown on Plan 6 of the Traffic Management Plan with resident only access between 6:00am to 11:00am). Junction Road will not be closed for the conclusion of races as runners will use the footpath along Junction Road to return as the field will naturally spread out during the run.
- **Skiway Park Carpark (Northern end)** - A temporary closure of the northern end of the carpark will be in place from 8:00am to 12:30pm to ensure vehicles are not parked along the event route and limit interactions between pedestrians and vehicles.

The event has been delivered successfully from 2021 and has followed the same route as aforementioned. Authorised traffic controllers will be on site at all road closure points (water filled barriers will also be in place at these locations) and advisory marshals at crossing points along the race route.

Financial / Resources Implications

If approved, the road closures will be carried out and funded by the Applicant.

Legal and Policy Implications

Nil

Public / Social Impact

Minor impact to local residents between the hours of 6:00am to 12:00pm on Sunday 29 September 2024.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.1 We inspire community spirit

1.1.1 Foster creativity and events that bring people together

1.1.1.01 Support and implement events and activations across the City

1.2 We are a liveable community

1.2.1 Inclusive, accessible and safe spaces for our entire community

1.2.1.01 Facilitate and foster community partnerships that build community capacity, attract resources and promote local community initiatives

Consultation

Internal

Road Safety Officer

Senior Transport Engineer (Acting)

Manager Compliance and Regulation

Property Officer

External

Nil

Political Donations Disclosure

Not Applicable

Committee Recommendation

That Council approve the temporary road closure of Junction Road, Shellharbour/Barrack Point, partial road closure of Shell Cove Road, Barrack Point and the partial closure of the Skiway Park carpark (as shown in Attachment 1) for the Run Shellharbour event on Sunday 29 September 2024 subject to the following conditions:

- 1. The applicant must inform all residents/businesses who may be impacted by the temporary road closures, including all businesses at least seven days before the closure via a letterbox drop.**
- 2. The applicant must supply and erect any barriers and traffic signs necessary for the road closure as stipulated by the approved Traffic Management Plan (TMP) and remove them at the completion of the works.**
- 3. Temporary signs are recommended to advise drivers of the road closures 7 days in advance of the road closures.**
- 4. Council must be indemnified against all claims for damage or injury that may result from either the activities or from the occupation of part of the public way during the activities. A copy of Public Liability Insurance Cover to the value of \$20,000,000 shall be provided to Council prior to the event and Council must be listed as in interested party on the insurance.**
- 5. Council must be reimbursed for the cost of repair of any damage caused to Council property as a result of the activities.**

- 6. The applicant must inform all Emergency Services of the proposed road closure (that is NSW Police, Fire Brigade, Ambulance, State Emergency Services).**
- 7. Shellharbour City Council reserves the right to cancel this approval at any time.**

Attachments


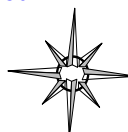
1. Run Shellharbour TMP
2. Run Shellharbour - Parking Plan

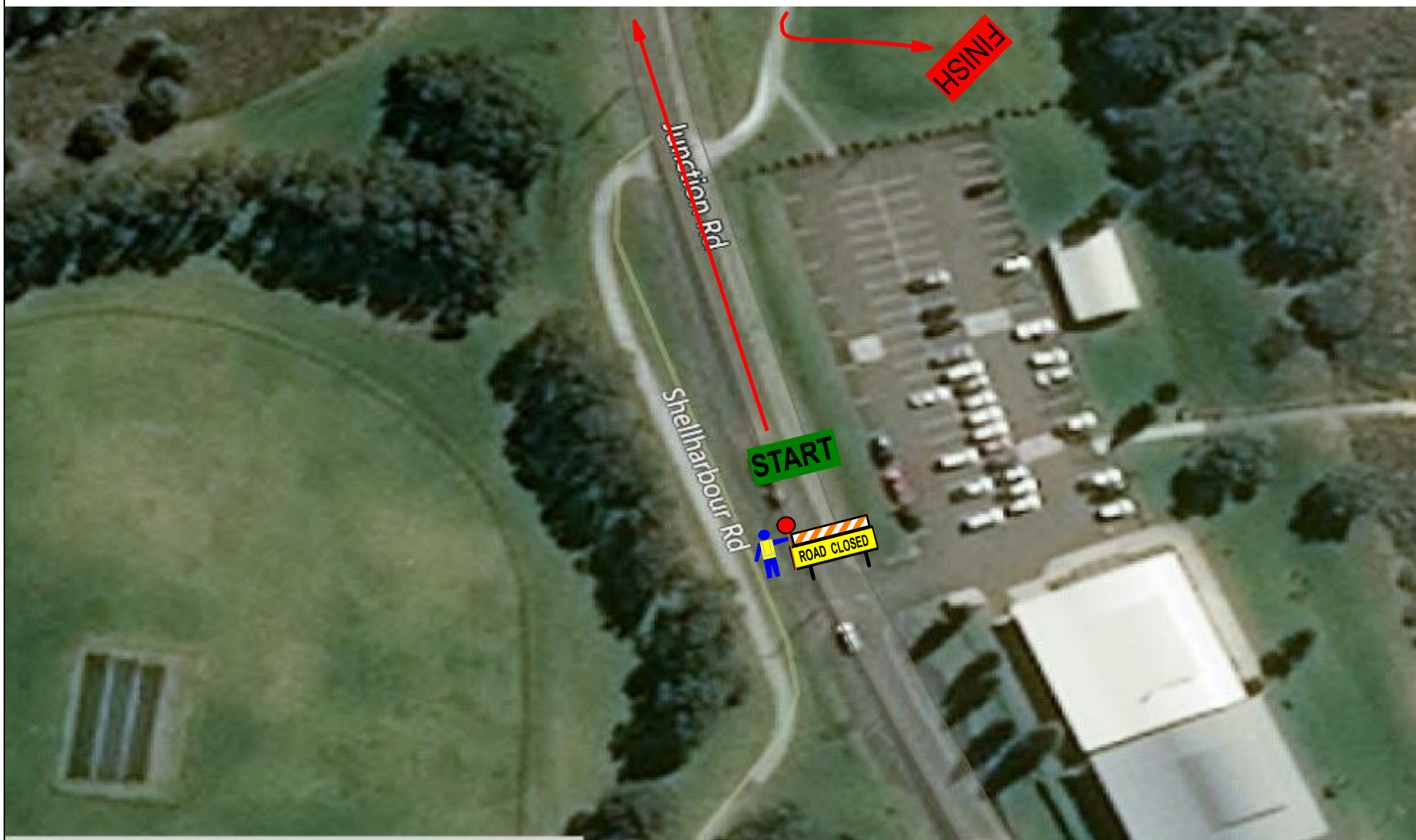
RUN SHELLHARBOUR



Traffic Control Plan

TCP-RS-2021 (Plans 1 - 12)



 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <table border="0"> <tr> <td></td> <td>Accredited Traffic Controller</td> <td></td> <td>Advisory Marshal</td> </tr> <tr> <td></td> <td>Cones</td> <td></td> <td>Barrier Boards</td> </tr> <tr> <td></td> <td>Water Fills</td> <td></td> <td>Signage</td> </tr> <tr> <td></td> <td>Metal Crowd Barriers</td> <td></td> <td>Swim to Transition</td> </tr> <tr> <td></td> <td>Vehicle Movement</td> <td></td> <td>Cyclist Movement</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Runner Movement</td> </tr> </table>		Accredited Traffic Controller		Advisory Marshal		Cones		Barrier Boards		Water Fills		Signage		Metal Crowd Barriers		Swim to Transition		Vehicle Movement		Cyclist Movement				Runner Movement	<p>NSW SafeWork NSW</p> <p>WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM</p> <p>Card No: TCT0065734 D.O.B: 16/06/1987</p> <p>Date of Issue: 18/06/2017</p> <p>Type of traffic control work: PWZ IMP TCR</p> <p>NEW SOUTH WALES</p>	<p>Date: Road Type 2L 2W Road Speed: 50</p> <p>Author: Sarah Hallam TMP No: Run Shellharbour</p> <p>TCP No: TCP-RS-2021 Plan 1</p> <p>Comments: Marathon + Half Marathon closures</p>	
	Accredited Traffic Controller		Advisory Marshal																									
	Cones		Barrier Boards																									
	Water Fills		Signage																									
	Metal Crowd Barriers		Swim to Transition																									
	Vehicle Movement		Cyclist Movement																									
			Runner Movement																									



 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <table border="0"> <tr> <td></td> <td>Accredited Traffic Controller</td> <td></td> <td>Advisory Marshal</td> </tr> <tr> <td></td> <td>Cones</td> <td></td> <td>Barrier Boards</td> </tr> <tr> <td></td> <td>Water Fills</td> <td></td> <td>Signage</td> </tr> <tr> <td></td> <td>Metal Crowd Barriers</td> <td></td> <td>Swim to Transition</td> </tr> <tr> <td></td> <td>Vehicle Movement</td> <td></td> <td>Cyclist Movement</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Runner Movement</td> </tr> </table>		Accredited Traffic Controller		Advisory Marshal		Cones		Barrier Boards		Water Fills		Signage		Metal Crowd Barriers		Swim to Transition		Vehicle Movement		Cyclist Movement				Runner Movement	<p>NSW SafeWork NSW</p> <p>WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM</p> <p>Card No: TCT0065734 D.O.B: 16/06/1987</p> <p>Date of Issue: 19/05/2017</p> <p>Type of traffic control work: PWZ IMP TCR</p> <p>NEW SOUTH WALES</p>	<p>Date: Author: Sarah Hallam TMP No: Run Shellharbour</p> <p>Road Type: 2L 2W Road Speed: 50 TCP No: TCP-RS-2021 Plan 2</p> <p>Comments: Maratho + Half Marathon closures</p>	
	Accredited Traffic Controller		Advisory Marshal																									
	Cones		Barrier Boards																									
	Water Fills		Signage																									
	Metal Crowd Barriers		Swim to Transition																									
	Vehicle Movement		Cyclist Movement																									
			Runner Movement																									



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LEGEND

- Accredited Traffic Controller (Icon: Person with red dot)
- Advisory Marshal (Icon: Person with blue dot)
- Cones (Icon: Orange cone)
- Water Fills (Icon: Orange square)
- Barrier Boards (Icon: Yellow board)
- Signage (Icon: Red sign)
- Metal Crowd Barriers (Icon: Metal barrier)
- Swim to Transition (Icon: Blue arrow)
- Cyclist Movement (Icon: Blue arrow)
- Vehicle Movement (Icon: Green arrow)
- Runner Movement (Icon: Red arrow)

NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK

Sarah HALLAM

Card No: TCT0065734 D.O.B: 16/06/1987

Date of Issue: 19/05/2017

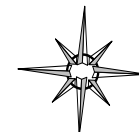
Type of traffic control work: PWZ IMP TCR

NEW SOUTH WALES


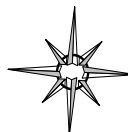
Date: Road Type **2L 2W** Road Speed: **50** **Author:** Sarah Hallam **TMP No:** Run Shellharbour

TCP No: TCP-RS-2021 Plan 3

Comments:
Marshall to direct runners ONLY





 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <p>Accredited Traffic Controller (Icon)</p> <p>Advisory Marshal (Icon)</p> <p>Cones (Icon)</p> <p>Water Fills (Icon)</p> <p>Barrier Boards (Icon)</p> <p>Signage (Icon)</p> <p>Metal Crowd Barriers (Icon)</p> <p>Swim to Transition (Icon)</p> <p>Cyclist Movement (Icon)</p> <p>Vehicle Movement (Icon)</p> <p>Runner Movement (Icon)</p>	<p>NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM</p> <p>Card No: TCT0065734 D.O.B: 16/06/1987</p> <p>Date of Issue: 19/05/2017</p> <p>Type of traffic control work: PWZ IMP TCR</p> <p>NEW SOUTH WALES</p>	<p>Date: Road Type 2L 2W Road Speed: 50</p> <p>Author: Sarah Hallam TMP No: Run Shellharbour</p> <p>TCP No: TCP-RS-2021 Plan 4</p>	
			<p>Comments:</p> <p>Road closure to be in place for the start of each race for 15mins at 7am, 7.30am, 9am, 10am & 11am</p>	














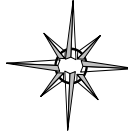


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<p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <ul style="list-style-type: none"> Accredited Traffic Controller Advisory Marshal Cones Water Fills Barrier Boards Signage Metal Crowd Barriers Swim to Transition Cyclist Movement Vehicle Movement Runner Movement 	<p>NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM</p> <p>Card No: TCT0065734 D.O.B: 16/06/1987</p> <p>Date of Issue: 19/05/2017</p> <p>Type of traffic control work: PWZ IMP TCR</p> <p>NEW SOUTH WALES</p>	<p>Date: Author: Sarah Hallam TMP No: Run Shellharbour Road Type 2L 2W Road Speed: 50 TCP No: TCP-RS-2021 Plan 5</p> <p>Comments: Road closure and contra flow to be in place from 7am Contra flow is for RESIDENT ACCESS ONLY</p>	
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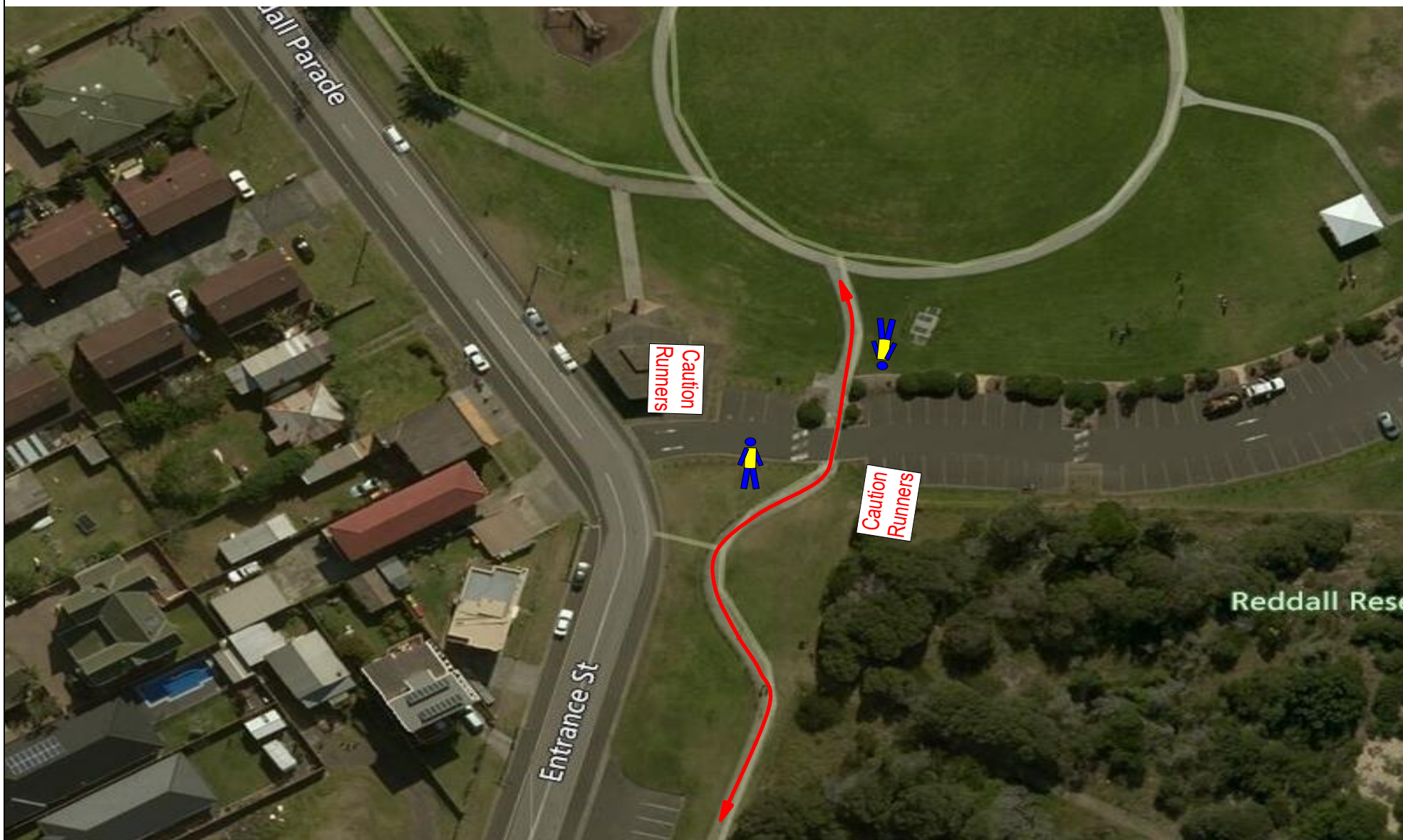


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 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Water Fills  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK Sarah HALLAM Card No: TCT0065734 Date of Issue: 19/05/2017 Type of traffic control work: PWZ IMP TCR D.O.B: 16/06/1987	Date: Road Type 2L 2W Road Speed: 50	Author: Sarah Hallam TMP No: Run Shellharbour TCP No: TCP-RS-2021 Plan 6	
			Comments: Road closure to be in place for the start of each race for 15mins at 7am, 7.30am, 9am, 10am & 11am		

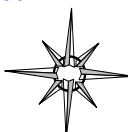


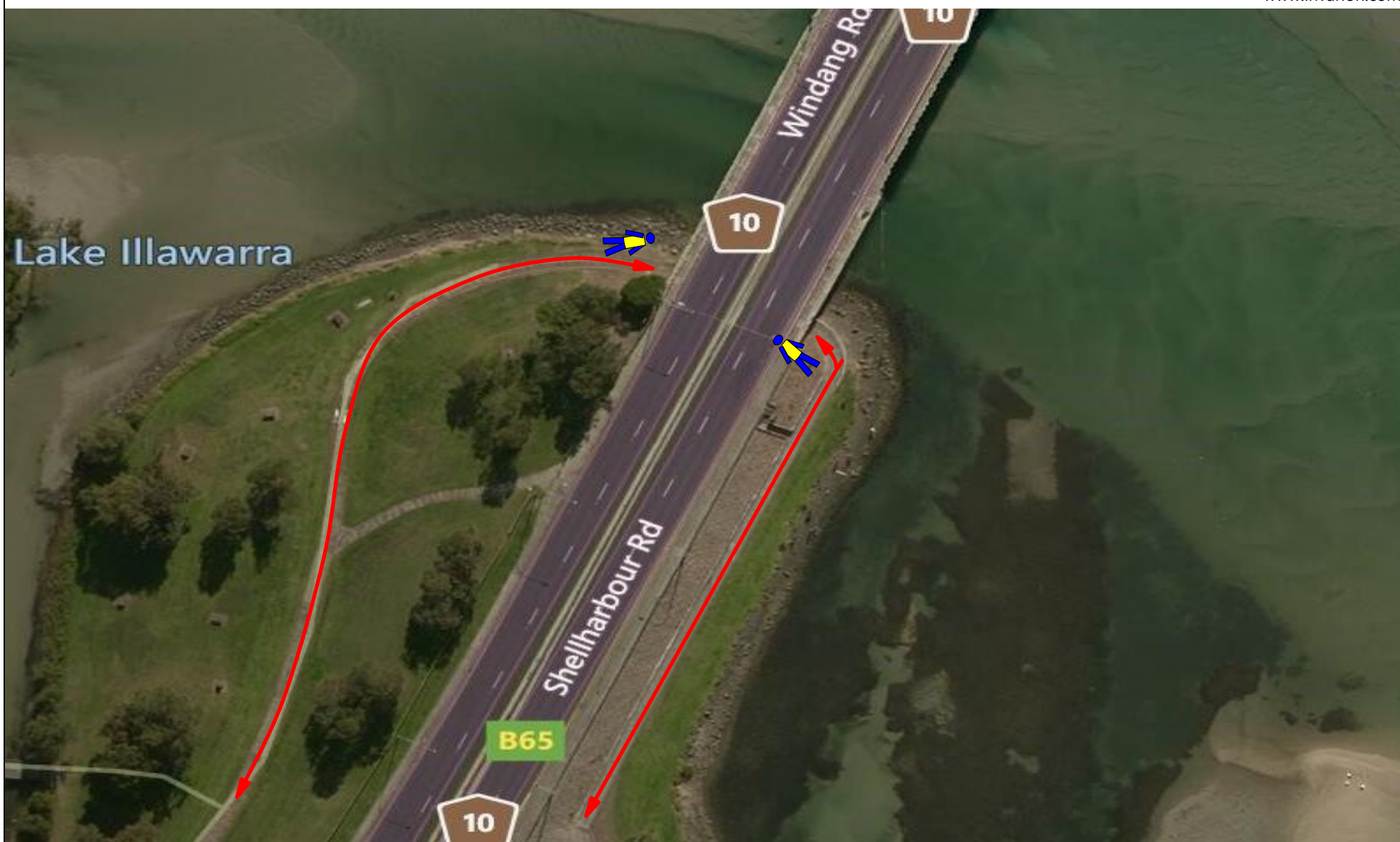
 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <p>Accredited Traffic Controller (Icon)</p> <p>Advisory Marshal (Icon)</p> <p>Cones (Icon)</p> <p>Water Fills (Icon)</p> <p>Metal Crowd Barriers (Icon)</p> <p>Vehicle Movement (Green Arrow)</p> <p>Swim to Transition (Blue Arrow)</p> <p>Cyclist Movement (Blue Arrow)</p> <p>Runner Movement (Red Arrow)</p> <p>Barrier Boards (Icon)</p> <p>Signage (Icon)</p>	<p>NSW SafeWork NSW</p> <p>WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM</p> <p>Card No: TCT0065734</p> <p>Date of Issue: 19/05/2017</p> <p>Type of traffic control work: PWZ IMP TCR</p> <p>DOB: 16/06/1987</p> <p>NEW SOUTH WALES</p>	<p>Date:</p> <p>Road Type 2L 2W Road Speed: 50</p>	<p>Author: Sarah Hallam</p> <p>TMP No: Run Shellharbour</p> <p>TCP No: TCP-RS-2021 Plan 9</p>	
			<p>Comments:</p> <p>Marshal to direct runners ONLY</p> <p>Runners will be directed to run in a single file to limit bridge congestion</p>		





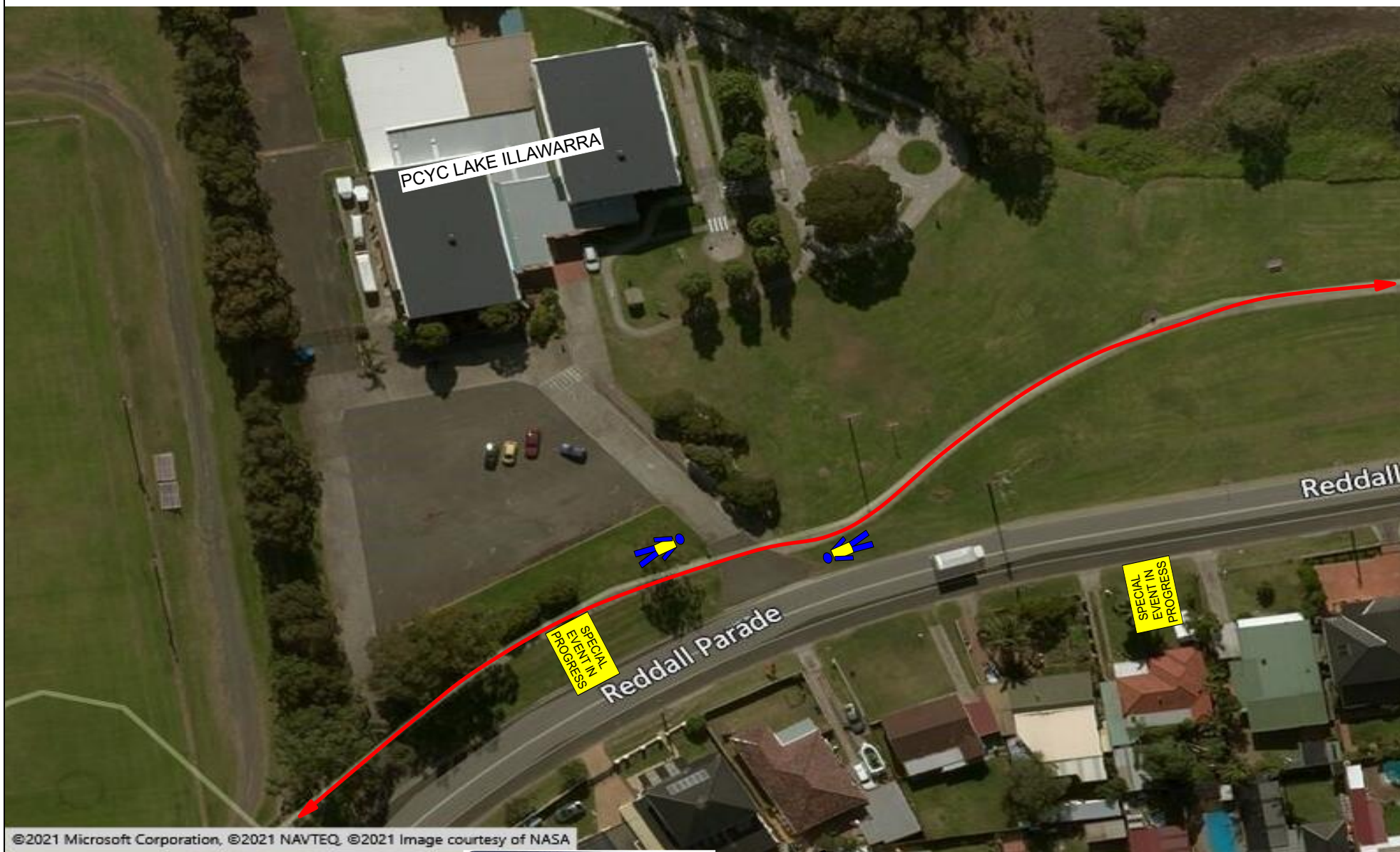
<p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <ul style="list-style-type: none"> Accredited Traffic Controller Cones Water Fills Metal Crowd Barriers Vehicle Movement Advisory Marshal Barrier Boards Signage Swim to Transition Cyclist Movement Runner Movement 	<p>NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM Card No: TCT0065734 Date of Issue: 19/05/2017 Type of traffic control work: PWZ IMP TCR</p> <p>DOB: 16/06/1987</p> <p>NEW SOUTH WALES</p>	<p>Date: 2L 2W Road Type: 2L 2W Road Speed: 50</p>	<p>Author: Sarah Hallam TMP No: Run Shellharbour TCP No: TCP-RS-2021 Plan 10</p>	
			<p>Comments: Marshal to direct runners ONLY Marshals will direct runners to stop when cars are approaching</p>		



 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <ul style="list-style-type: none"> Accredited Traffic Controller Cones Water Fills Metal Crowd Barriers Vehicle Movement Advisory Marshal Barrier Boards Signage Swim to Transition Cyclist Movement Runner Movement 	<p>NSW SafeWork NSW</p> <p>WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM Card No: TCT0065734 Date of Issue: 19/05/2017 Type of traffic control work: PWZ IMP TCR</p> <p>NEW SOUTH WALES</p>	<p>Date: 2L 2W</p> <p>Road Type: 2L 2W</p> <p>Road Speed: 50</p>	<p>Author: Sarah Hallam</p> <p>TMP No: Run Shellharbour</p> <p>TCP No: TCP-RS-2021 Plan 11</p>	
			<p>Comments:</p> <p>Marshal to direct runners ONLY</p> <p>Marshal will direct runners to stop to allow access to boat ramp</p>		



	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Water Fills  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK Sarah HALLAM Card No: TCT0065734 Date of Issue: 19/05/2017 Type of traffic control work: PWZ IMP TCR D.O.B: 16/06/1987	Date: Road Type 2L 2W Road Speed: 50 Author: Sarah Hallam TMP No: Run Shellharbour TCP No: TCP-RS-2021 Plan 12	
		Comments: Marshal to direct runners ONLY Marshal to manage flow of runners, riders and pedestrians		



LEGEND

- Accredited Traffic Controller
- Advisory Marshal
- Cones
- Water Fills
- Barrier Boards
- Signage
- Metal Crowd Barriers
- Swim to Transition
- Cyclist Movement
- Vehicle Movement
- Runner Movement

NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK

Sarah HALLAM

Card No: TCT0065734 D.O.B: 16/06/1987

Date of issue: 18/06/2017

Type of traffic control work: PWZ IMP TCR

NEW SOUTH WALES

Date: 2L 2W **Road Type:** 2L 2W **Road Speed:** 50 **Author:** Sarah Hallam **TMP No:** Run Shellharbour **TCP No:** TCP-RS-2021 Plan 7

Comments:
 Marshal to direct runners ONLY.
 This applies to Half and Marathon Runners (MAY) ONLY.




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<p>eliteenergy MAKING EVENTS MEMORABLE</p>	<p>LEGEND</p> <p>Accredited Traffic Controller (Icon)</p> <p>Advisory Marshal (Icon)</p> <p>Cones (Icon)</p> <p>Water Fills (Icon)</p> <p>Metal Crowd Barriers (Icon)</p> <p>Vehicle Movement (Green Arrow)</p> <p>Swim to Transition (Black Arrow)</p> <p>Cyclist Movement (Blue Arrow)</p> <p>Runner Movement (Red Arrow)</p> <p>Barrier Boards (Icon)</p> <p>Signage (Icon)</p>	<p>NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Sarah HALLAM</p> <p>Card No: TCT0065734</p> <p>Date of Issue: 19/05/2017</p> <p>Type of traffic control work: PWZ IMP TCR</p> <p>DOB: 16/06/1987</p> <p>NEW SOUTH WALES</p>	<p>Date: 2L 2W</p> <p>Road Type: 2L 2W</p> <p>Road Speed: 50</p> <p>Author: Sarah Hallam</p> <p>TMP No: Run Shellharbour</p> <p>TCP No: TCP-RS-2021 Plan 8</p>	
	<p>Comments:</p> <p>Carpark to be closed for the duration of the event - 8am to 12.30pm</p>			

Parking Plan - Run Shellharbour Event Village



Parking  Kerbside along Junction Road Western Side and parts of Eastern Side, along Wollongong Street and surrounding areas (approx. 400 spaces)

Pedestrian Access 

No Parking Zones 

Runner Direction 

Parking Plan - Run Shellharbour Eric Creary Park North Area

Parking → Kerbside along Junction Road Western Side only (approx. 100 cars)

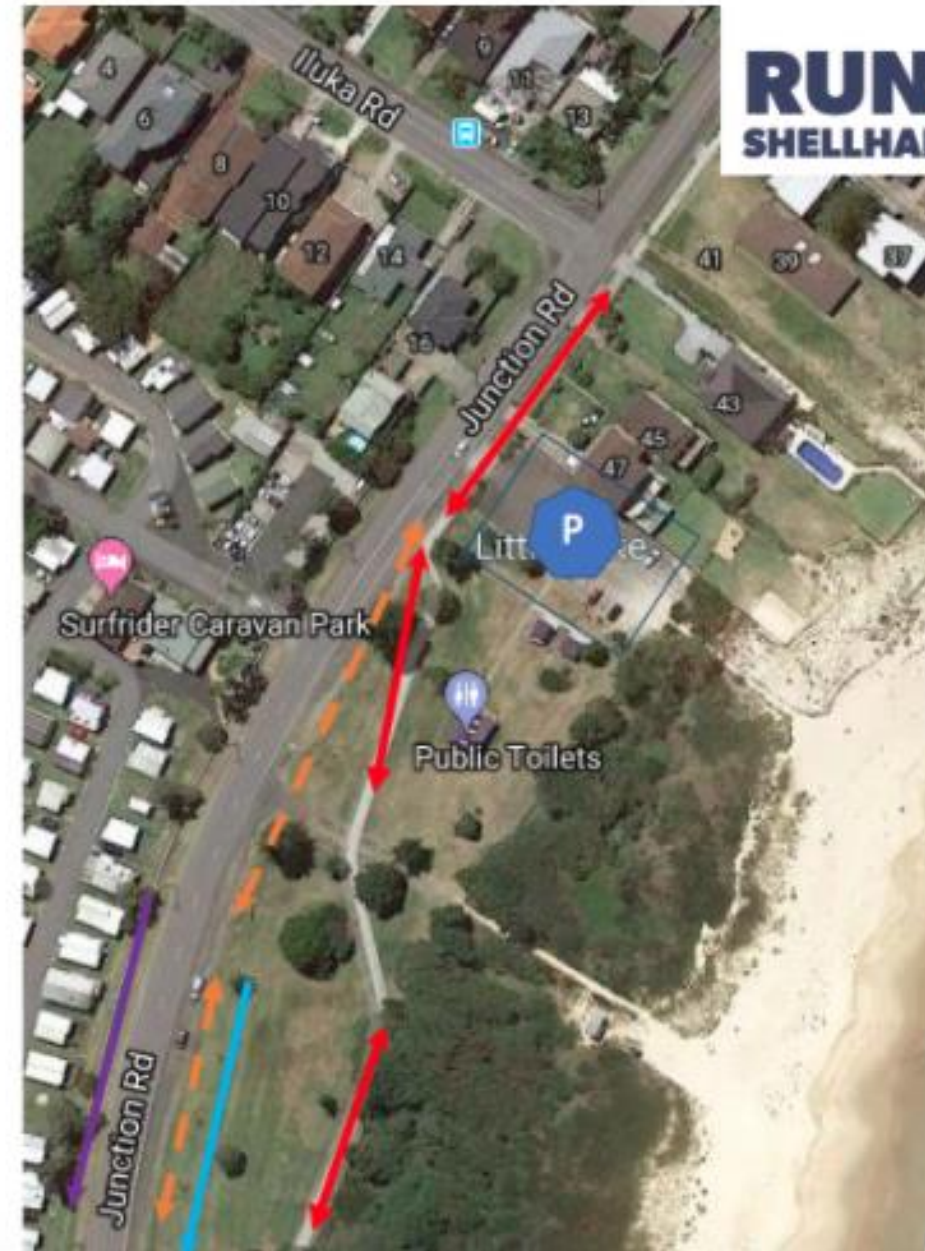
40 car Spaces in North Shellharbour Beach Car Park 

Runner Direction ↔

Pedestrian Access to Event Village →

No Parking Zones ↔

Cycling and Walking to Event Encouraged





Parking Plan - Run Shellharbour Cricket Oval Surrounds

- Event Parking → 
- (100 Car Spaces in Cricket Club Area Surrounds)
- Cricket Club Parking (Gated Access) →
- Car Park Entry ★
Car Park Exit ★
- Pedestrian Access to Event Village →
- No Parking →
- Cycling and Walking to Event Encouraged



- Off Street Parking : Wentworth Street and Wollongong Street, Beach Rd and Junction Road, Barrack Point
- Headland Parade, Barrack Point
- Towns Street Carpark, Shellharbour Village

8.3 Lord Howe Avenue, Shell Cove - No Stopping linemarking to reinforce 10 metre No Stopping rule

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Wayne Wilson, Manager Floodplain and Transport (Acting)

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the statutory 10 metre No Stopping to be linemarked with C3 linemarking on the corner of Lord Howe Avenue and Rottnest Close, Shell Cove (as shown on **Attachment 1**).

Background

The resident of 24 Lord Howe Avenue, Shell Cove has requested additional 'No Stopping' signage along the frontage of their property to reinforce the 10 metre 'No Stopping' rule at the junction of Lord Howe Avenue and Rottnest Close. The resident has raised a number of road safety concerns at this junction, with neighbours parking on the nature strip or on road, within 10 meters of the junction (as shown in **Attachment 1**).

A site inspection was carried out and while no vehicles were parked in this area at the time of the inspection, there was evidence of vehicles parking within 10 metres of the junction. A sight distance assessment was conducted, and it was identified that should a vehicle park along the frontage of 24 Lord Howe Avenue, it would restrict sight distance for those vehicles exiting Rottnest Close.

The installation of a 'No Stopping' restriction (as shown on **Attachment 2**) would enhance sight distance and improve road safety at this junction.

Financial / Resources Implications

If approved, the works would be carried out and funded by Council.

Legal and Policy Implications

Nil

Public / Social Impact

Improve sight lines at junction will enhance road safety and reinforce NSW Road Rule 170.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

1.2.1 Inclusive, accessible and safe spaces for our entire community

1.2.1.07 Provide road safety education programs and transport advice for the City

1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs

1.2.3.07 Maintain the City's road reserve infrastructure

Consultation

Internal

Road Safety Officer

Manager Compliance and Regulation

External

Residents in close proximity to the site

Political Donations Disclosure

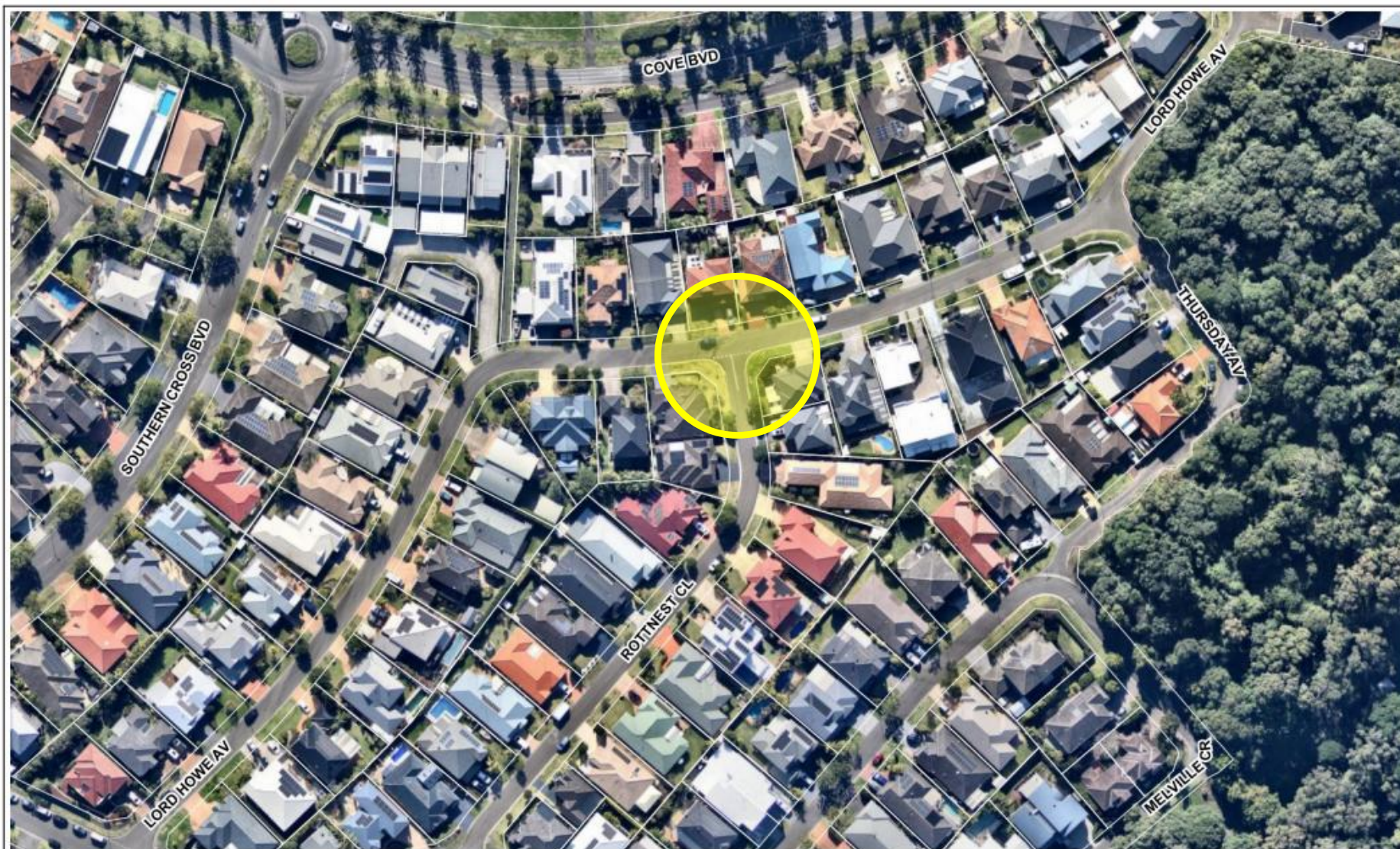
Not Applicable

Committee Recommendation

That Council endorse the installation of C3 No Stopping linemarking along Lord Howe Ave and Rottnest Close, Shell Cove (as shown in Attachment 2).

Attachments

1. Lord How Ave - Locality Plan
2. Lord Howe Ave and Rottnest Close Shell Cove



Printed: 19/07/2024

This map is supplied on the understanding that Council will not be responsible for any loss or damage which may result from any use made of such information as a result of errors or omissions contained in the map.

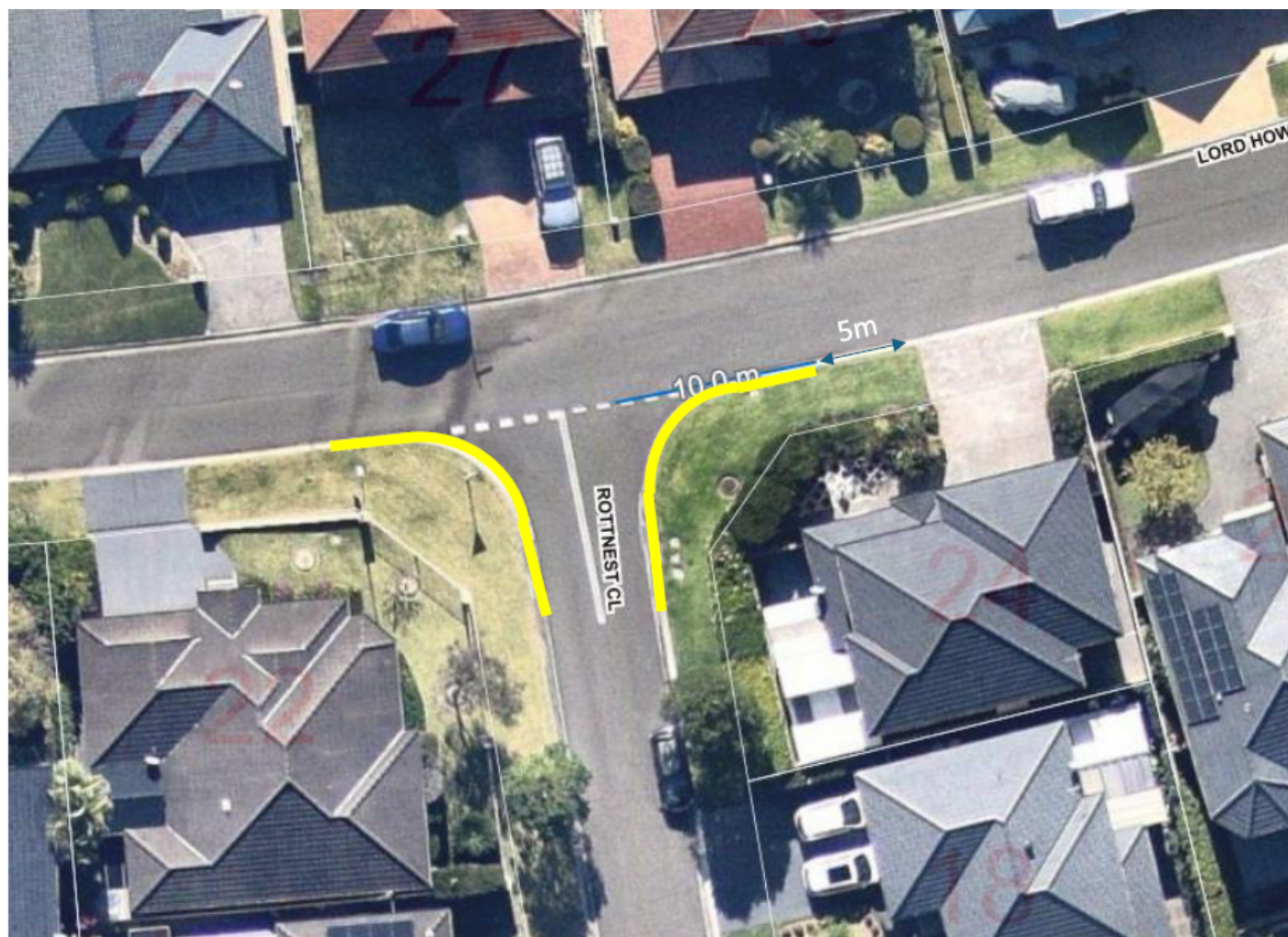
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Scale: 1:1500



Shellharbour
CITY COUNCIL



Printed: 15/05/2024

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Scale: 1:1500



Shellharbour
CITY COUNCIL

8.4 Temporary Road Closure - Riverside Drive and Swamp Road, Dunmore - Kiama Triathlon - 13 October 2024

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the temporary road closure of Riverside Drive and Swamp Road, Dunmore for the Kiama Triathlon organised by Elite Energy on Sunday 13 October 2024 between 8:00am and 11:30am (as shown in **Attachment 1**).

Background

Council has received an application from Elite Energy for the temporary full road closure of Riverside Drive, Dunmore between Swamp Road/M1 Princes Highway and the Shellharbour City Council (SCC)/Kiama Council (KC) border, and Swamp Road, Dunmore between Riverside Drive and the SCC/KC border as part of the Kiama Triathlon (as shown in **Attachment 1**). The event is to be held on Sunday 13 October 2024 with road closures to be in place from 8:00AM to 11:30AM.

The event will include a Standard Triathlon, Aquabike, Sprint Triathlon and Super Sprint Triathlon (as shown in **Attachment 1**). Traffic control measures in place for the event will include simple hard and soft road closures, use of traffic control devices (traffic signs) to warn motorists of changes in traffic conditions (as shown in **Attachment 2**), a VMS board along Princes Highway (north of Riverside Road), and static signs (as shown in **Attachment 3**).

The proposed road closures will allow limited residential access on the day to assist residents accessing their properties and access for emergency vehicles and official vehicles will be maintained at all times. NSW Police have been informed of the event and the Applicant has applied for a notice and request for services. In addition to the conditions of approval set out by Council, the event is to also be subject to conditions set out by Kiama Council as per the meeting minutes of the Kiama Traffic Committee meeting held on 6 February 2024.

Financial / Resources Implications

If approved, works will be funded and delivered by the applicant.

Legal and Policy Implications

Nil

Public / Social Impact

Minor traffic delays along Riverside Drive and Swamp Road, Dunmore during temporary full road closure hours.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.1 We inspire community spirit

1.1.1 Foster creativity and events that bring people together

1.1.1.01 Support and implement events and activations across the City

1.1.2 We inspire community spirit

1.1.2.01 Facilitate and foster community partnerships that build community capacity, attract resources and promote local community initiatives

Consultation

Internal

Road Safety Officer

Manager Compliance and Regulation

Manager Floodplain and Transport (Acting)

External

Kiama Council

Elite Energy

Political Donations Disclosure

Not Applicable

Committee Recommendation

That Council approve the temporary full road closures of Riverside Drive, Dunmore between Swamp Road/M1 Princes Highway and the Shellharbour City Council/Kiama Council border, and Swamp Road, Dunmore between Riverside Drive and the Shellharbour City Council/Kiama Council border on Sunday 13 October 2024 between 8:00AM to 11:30AM as shown in the attached Traffic Management Plan (TMP), subject to the following conditions:

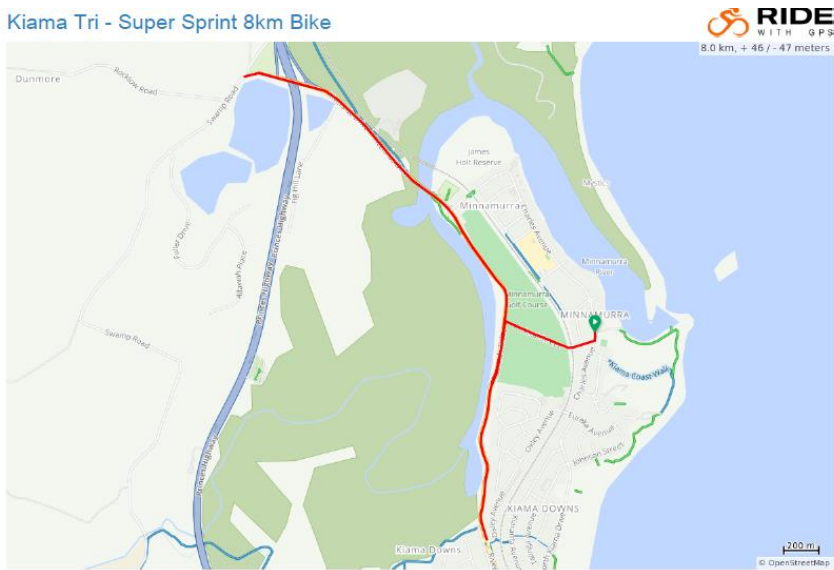
- 1. The applicant must inform all residents/businesses within or with access/frontage to any property who may be impacted by the temporary partial/full road closures, at least seven days and then one day before the closure via a letterbox drop.**
- 2. The applicant must cater for the access requirements of any resident/business/organisations that will be impacted by the temporary full road closure, with accredited Traffic Controllers at all times while the closure is operational.**
- 3. The applicant must supply and erect any barriers and traffic signs necessary for the road closure as stipulated by the approved Traffic Management Plan (TMP) and remove them at the completion of the works.**
- 4. Council must be indemnified against all claims for damage or injury that may result from either the activities or from the occupation of part of the public way during the activities. A copy of Public Liability Insurance Cover to the value of \$20,000,000 shall be provided to Council prior to the event and Council must be listed as in interested party on the insurance.**
- 5. Council must be reimbursed for the cost of repair of any damage caused to Council property as a result of the activities.**
- 6. The applicant must inform all Emergency Services of the proposed road closures (that is NSW Police, Fire Brigade, Ambulance, State Emergency Services, and Transport for NSW).**
- 7. Shellharbour City Council reserves the right to cancel this approval at any time.**

Attachments

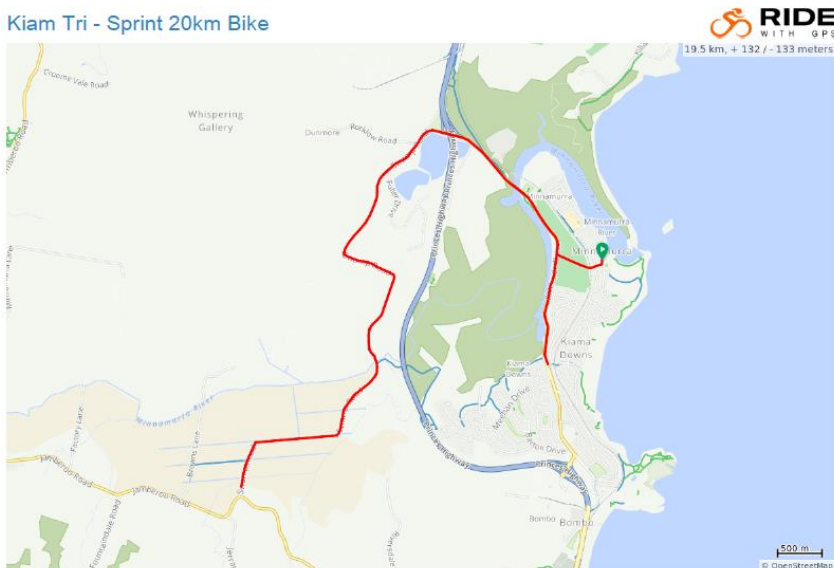
- 1. Event Maps**
- 2. Kiama Triathlon TMP**
- 3. VMS Strategy and Static Signage Plan**

PART 3 Maps

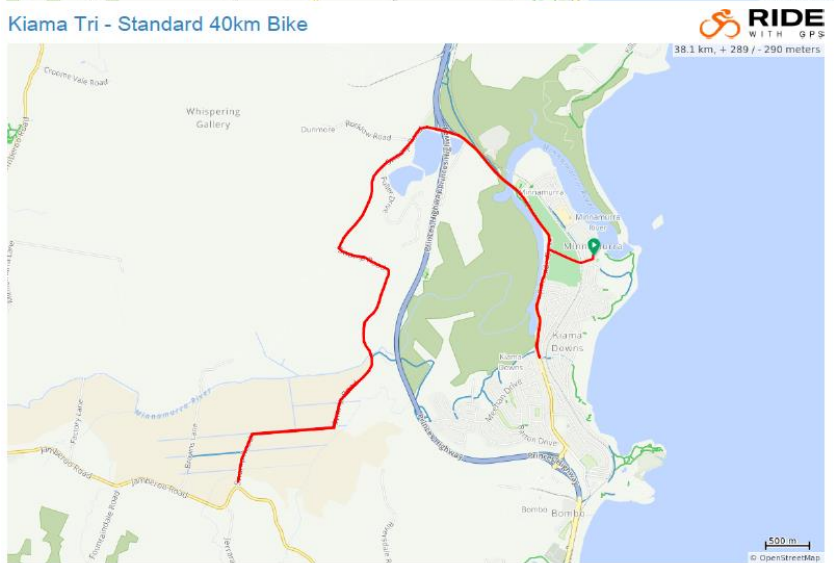
Kiama Tri - Super Sprint 8km Bike



Kiam Tri - Sprint 20km Bike



Kiama Tri - Standard 40km Bike

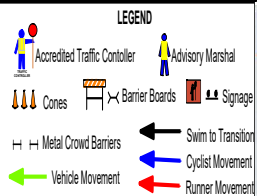


KIAMA TRIATHLON

13th October 2024

TGS-KT-2024 (PLANS 1 - 21)

TRAFFIC GUIDANCE SCHEME



NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK

Zeah MCMILLAN

Card No: TCT1018221 D.O.B: 10/05/1988

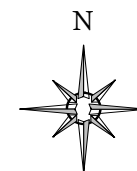
Date of Issue: 16/11/2021

Type of traffic control work: IMP TCR PWZ









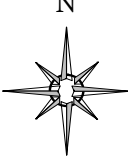
NEW SOUTH WALES

Date: 13/10/2024 **Author:** Zeah McMillan **TMP No:** Kiama Tri
Road Type: 2W,4L **Road Speed:** 100km/h **GS No:** TGS-KT-2024 Plan 13

Comments:
 Detours will be in place from 8:00am until 11:30am

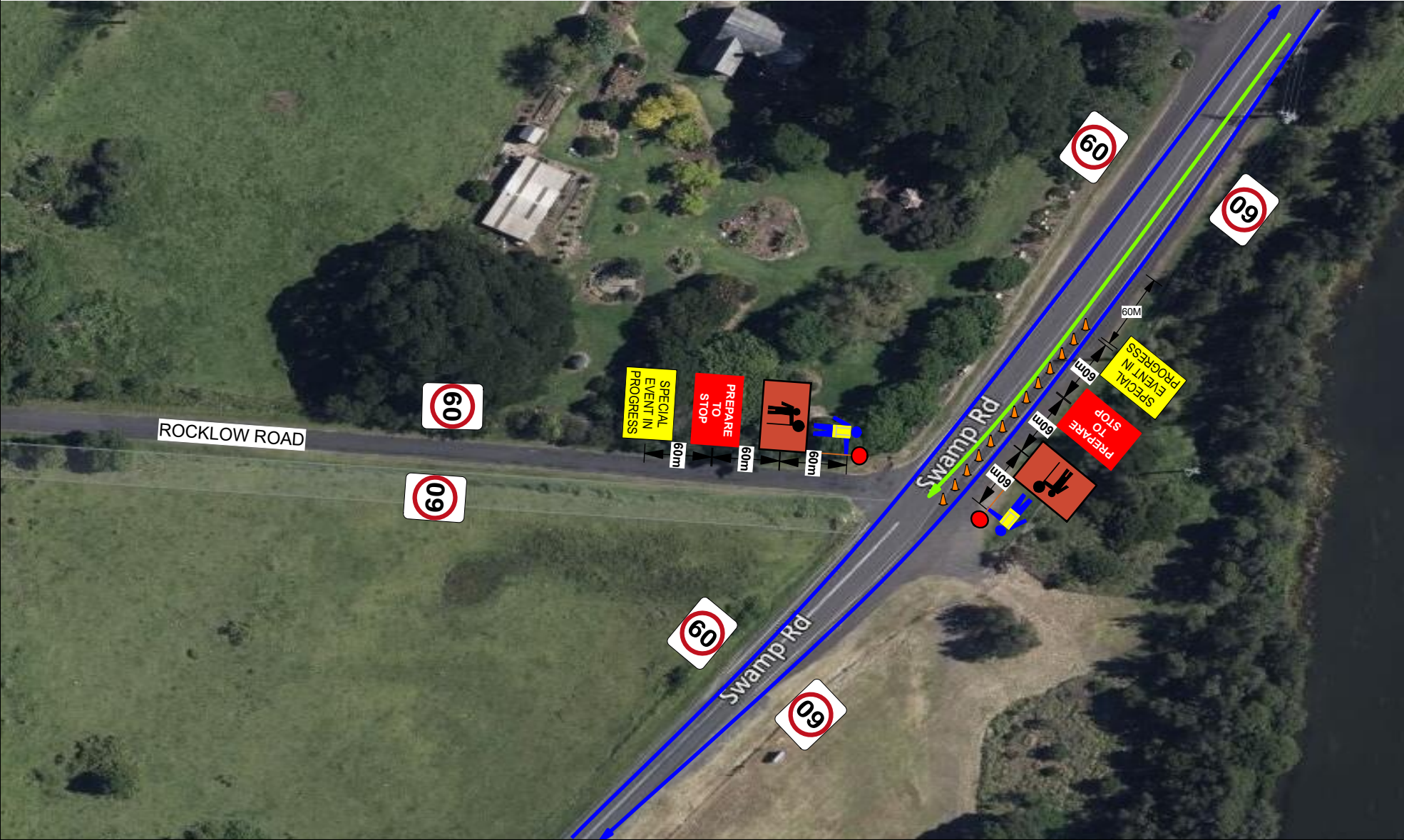




 MAKING EVENTS MEMORABLE	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 WORK HEALTH & SAFETY TRAFFIC CONTROL WORK Zeah MCMILLAN Card No: TCT1018221 D.O.B: 10/05/1988 Date of Issue: 16/11/2021 Type of traffic control work: IMP TCR PWZ 	Date: 13/10/2024 Author: Zeah McMillan TMP No: Kiama Tri Road Type: 2W,2L Road Speed: 80km TGS No: TGS-KT-2024 Plan 14	
			Comments:	

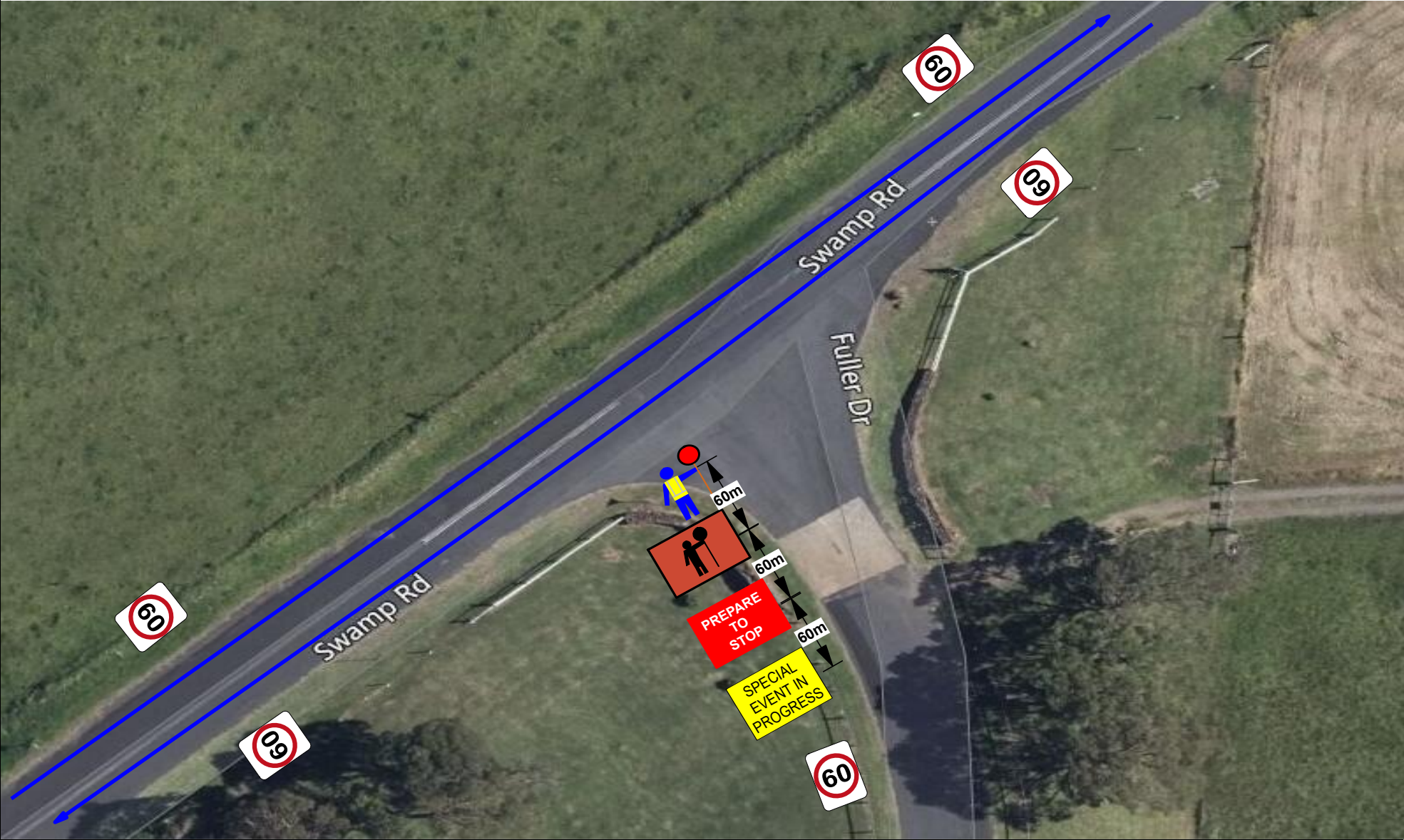


 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK Zeah MCMILLAN Card No: TCT1018221 D.O.B: 10/05/1988 Date of Issue: 16/11/2021 Type of traffic control work: IMP TCR PWZ 	Date: 13/10/2024 Author: Zeah McMillan TMP No: Kiama Tri Road Type: 2W,2L Road Speed: 80km TGS No: TGS-KT-2024 Plan 15	
			Comments: This plan is Standard and Sprint courses only. Marshall to direct riders only.	














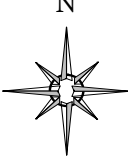
	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 WORK HEALTH & SAFETY TRAFFIC CONTROL WORK Zeah MCMILLAN Card No: TCT14019221 D.O.B: 10/05/1988 Date of Issue: 16/11/2021 Type of traffic control work: IMP TCR PWZ	Date: 13/10/2024 Author: Zeah McMillan TMP No: Kiama Tri Road Type: 2W,2L Road Speed: 80km TGS No: TGS-KT-2024 Plan 16	
			Comments:	

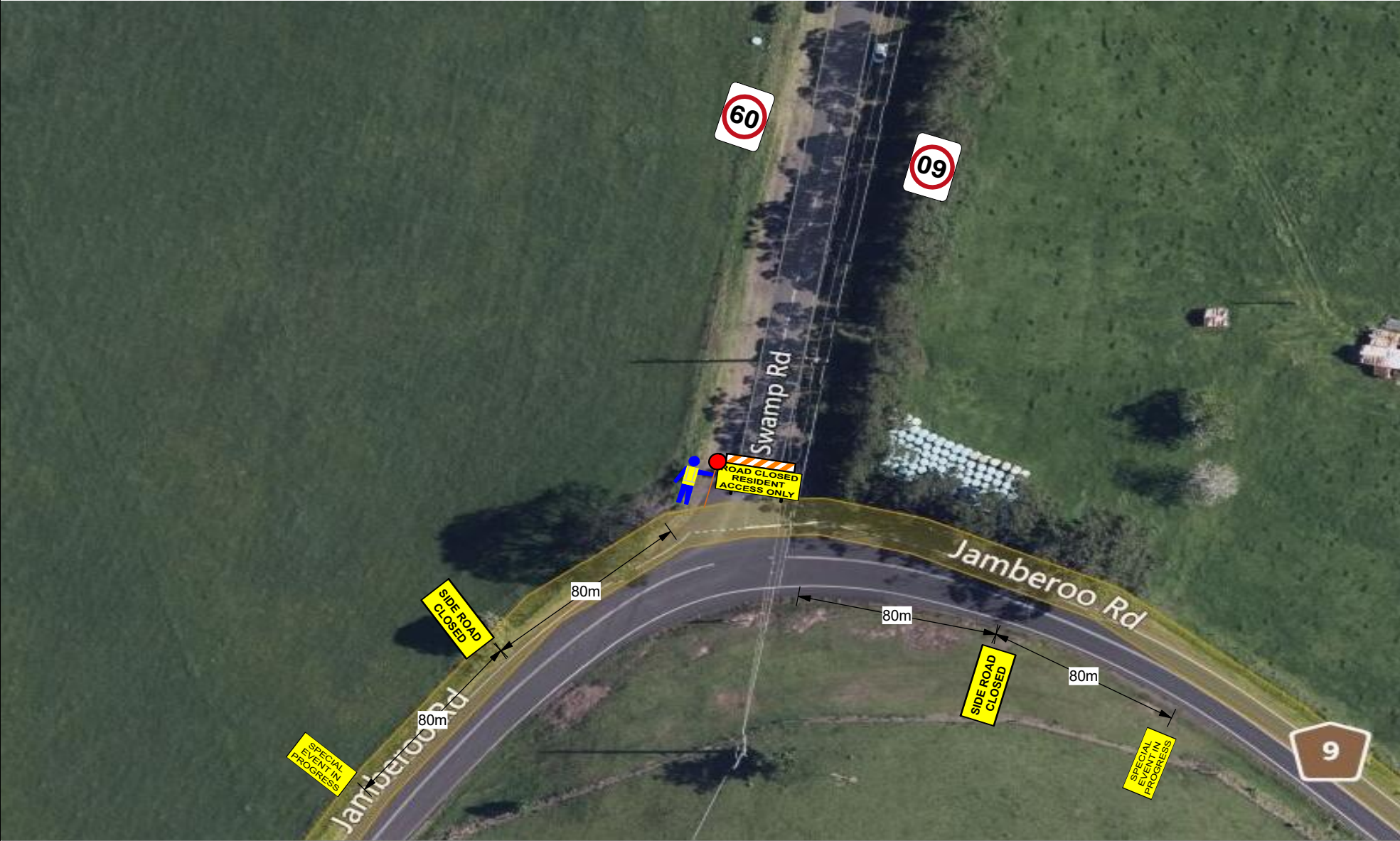
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 MAKING EVENTS MEMORABLE	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 WORK HEALTH & SAFETY TRAFFIC CONTROL WORK Zeah MCMILLAN Card No: TC11018221 Date of Issue: 16/11/2021 Type of traffic control work: IMP TCR PWZ D.O.B: 10/05/1988 	Date: 13/10/2024 Author: Zeah McMillan TMP No: Kiama Tri Road Type: 2W,2L Road Speed: 80km TGS No: TGS-KT-2024 Plan 17	
			Comments:	

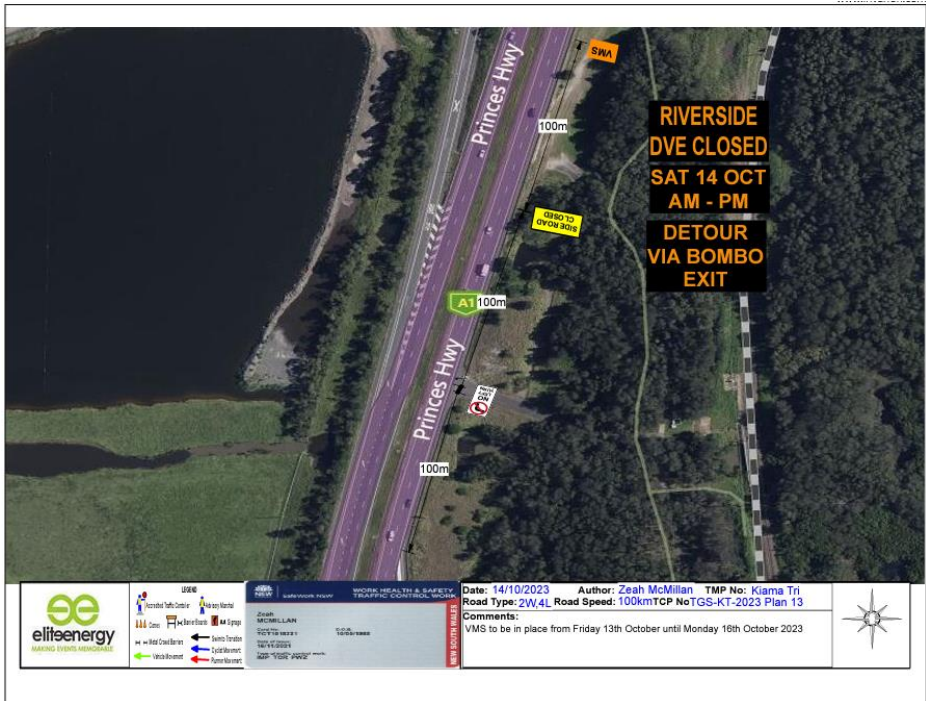


 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Barrier Boards  Signage  Metal Crowd Barriers  Vehicle Movement  Swim to Transition  Cyclist Movement  Runner Movement	 <p>SafeWork NSW</p> <p>WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Zeah MCMILLAN Card No: TCT1018221 D.O.B: 10/05/1988 Date of Issue: 18/11/2021 Type of traffic control work: IMP TCR PWZ</p> <p>NEW SOUTH WALES</p>	Date: 13/10/2024 Author: Zeah McMillan TMP No: Kiama Tri Road Type: 2W,2L Road Speed: 80km TGS No: TGS-KT-2024 Plan 18	
			Comments:	

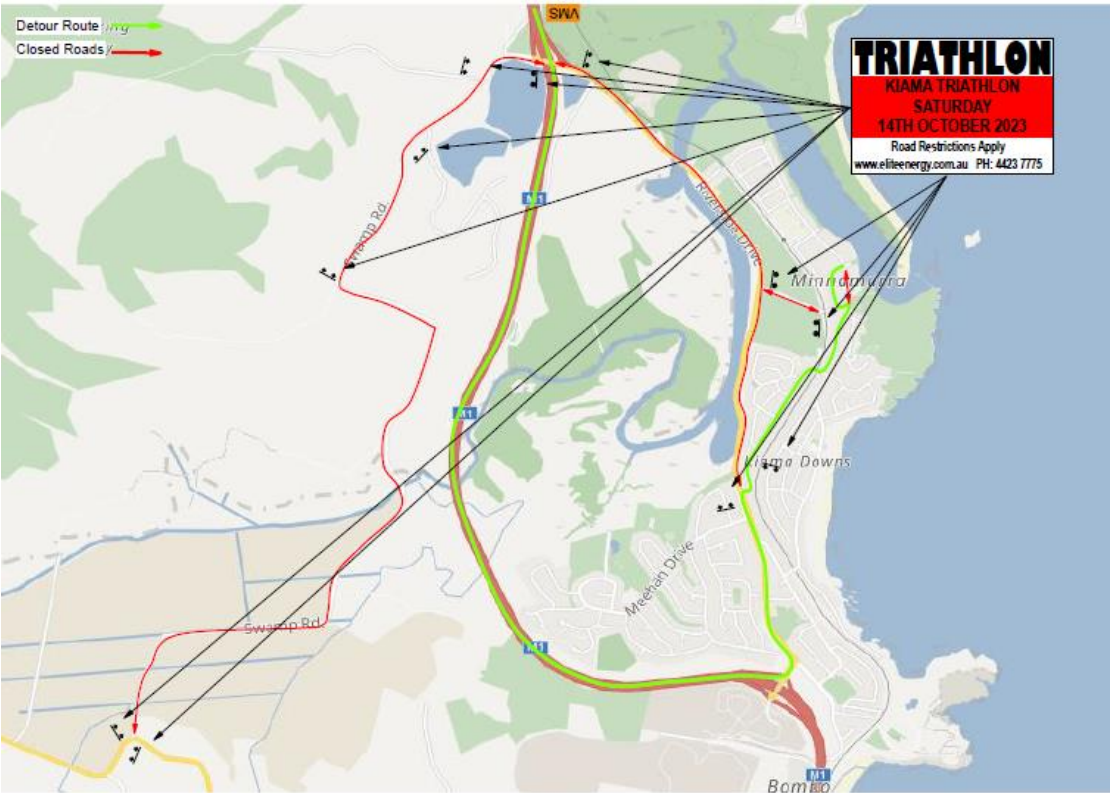


 <p>eliteenergy MAKING EVENTS MEMORABLE</p>	LEGEND  Accredited Traffic Controller  Advisory Marshal  Cones  Barrier Boards  Signage  Metal Crowd Barriers  Swim to Transition  Cyclist Movement  Vehicle Movement  Runner Movement	 <p>NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK</p> <p>Zeah MCMILLAN Card No: TCT1018221 D.O.B: 10/05/1988 Date of Issue: 18/11/2021 Type of traffic control work: IMP TCR PWZ</p> <p>NEW SOUTH WALES</p>	Date: 13/10/2024 Author: Zeah McMillan TMP No: Kiama Tri Road Type: 2W,2L Road Speed: 80km TGS No: TGS-KT-2024 Plan 19		
			Comments: In place from 8am		

PART 4 VMS Strategy



Static Sign Placement



8.5 Reddall Parade, Lake Illawarra - Proposed Pedestrian Crossing

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the signage and linemarking plan of the pedestrian crossing proposed along Reddall Parade, Lake Illawarra (as shown in **Attachment 1**).

Background

As part of Council's Capital Works Program, a 1.7m wide footpath will be installed between King Street and Reddall Parade, Lake Illawarra (as shown in **Attachment 1**). The project will replace the existing sections of footpath throughout the limit of works with a 1.7m wide footpath to ensure a safe and uniform active transport connection between King Street and the existing shared path along Reddall Parade. Furthermore, existing kerb ramps will be removed and replaced with new kerb ramps aligning with the proposed footpath to facilitate safe pedestrian crossing points.

The project will include the construction of a pedestrian crossing along Reddall Parade between the roundabout at Reddall Parade and Windle Street and the carpark driveway of Lake Illawarra High School. The pedestrian crossing will be supplemented with refuge islands on the southern alignment of Reddall Parade and speed cushions on both the approach and departure of the marked crossing (as shown in **Attachment 2**). In accordance with the Transport for NSW Technical Direction - TDT2011/01a, a 10m 'No Stopping' zone is to be installed on both sides of the refuge islands which will result in the loss of one parking space on the eastern side of the refuge island and one timed parking space on the western side of the refuge island. The amended signage changes have been reflected in **Attachment 2**.

Financial / Resources Implications

If approved, works will be carried out and funded by Council.

Legal and Policy Implications

Nil

Public / Social Impact

- Improved pedestrian road safety (especially school students) along Reddall Parade
- Improve active transport connectivity between King Street and Redall Parade
- Clearer delineation of available parking spaces along Reddall Parade

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs

1.2.3.05 Sustainable delivery of Capital Works

1.2.3.07 Maintain the City's road reserve infrastructure

2.2 We are a beautiful and connected City

2.2.2 Provide and promote a sustainable and integrated active travel and transport network

2.2.2.01 Develop strategies to improve transport connectivity across the City, focusing on active transport and advocacy

Consultation

Internal

Senior Design Engineer

Design Officer

Manager Floodplain and Transport (Acting)

Manager Compliance and Regulation

Road Safety Officer

External

Nil

Political Donations Disclosure

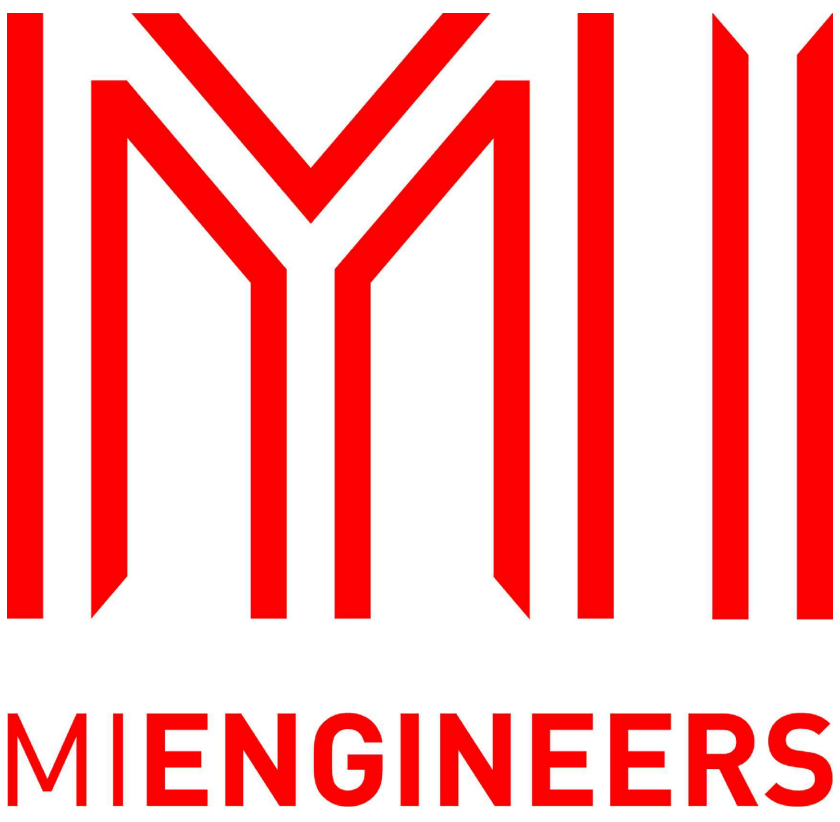
Not Applicable

Committee Recommendation

That Council endorse the signage and linemarking plan of the pedestrian crossing proposed along Reddall Parade, Lake Illawarra (as shown in Attachment 2).

Attachments

1. Project Design Plan
2. Reddall Parade Crossing Design - Signage



SYDNEY OFFICE
Suite 2.06, 68 York Street, Sydney NSW 2000 Australia
Tel (02) 8396 6565

SOUTH COAST OFFICE
49 Berry Street, Nowra NSW 2541
Tel (02) 4423 0566

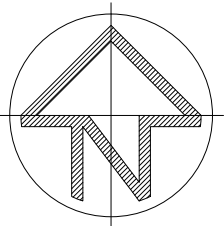
WOLLONGONG OFFICE
Suite 3, 128/134 Crown Street, Wollongong NSW 2500
Tel (02) 4423 0566

www.miengineers.com

PROPOSED FOOTPATH UPGRADE

KING ST & WINDLE ST & REDDALL PDE

LAKE ILLAWARRA NSW 2528



APPROXIMATE AREA OF WORKS

DRAWING INDEX

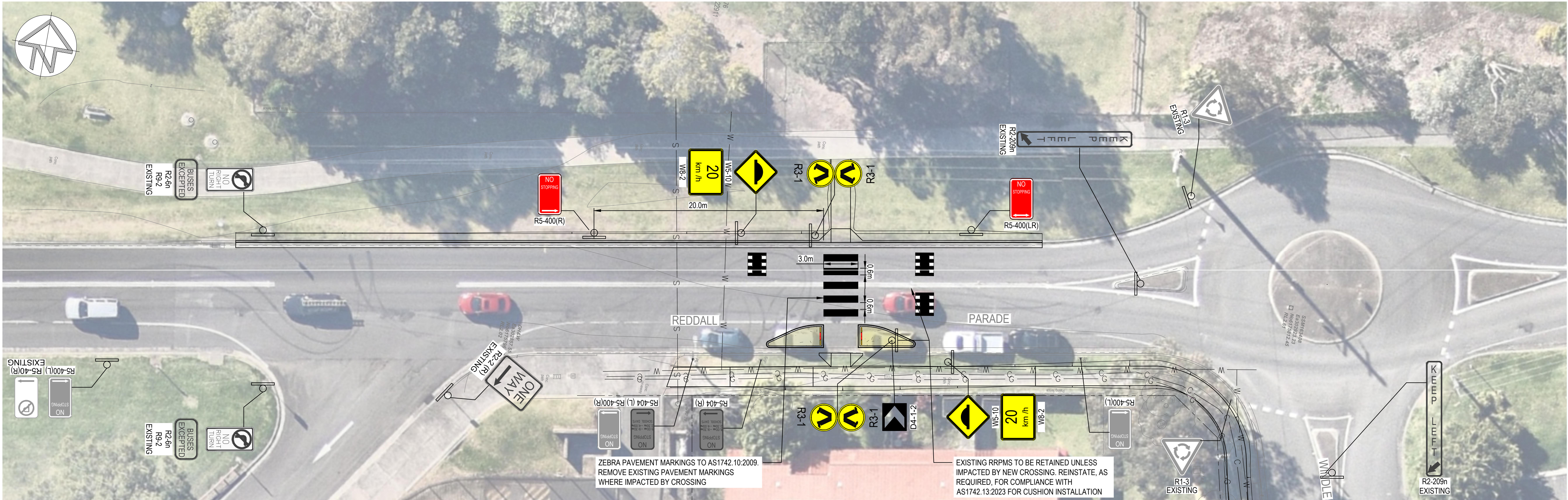
- 23L00071 C001 COVER SHEET
- 23L00071 C002 NOTES SHEET
- 23L00071 C010 TYPICAL CROSS SECTIONS
- 23L00071 C020 TYPICAL DETAILS
- 23L00071 C051 DEMOLITION PLAN SHEET 1
- 23L00071 C052 DEMOLITION PLAN SHEET 2
- 23L00071 C101 GENERAL ARRANGEMENT PLAN SHEET 1
- 23L00071 C102 GENERAL ARRANGEMENT PLAN SHEET 2
- 23L00071 C105 REDDALL PARADE PART PLAN
- 23L00071 C111 LONGITUDINAL SECTIONS SHEET 1
- 23L00071 C112 LONGITUDINAL SECTIONS SHEET 2
- 23L00071 C113 LONGITUDINAL SECTIONS SHEET 3
- 23L00071 C121 CROSS SECTIONS SHEET 1
- 23L00071 C122 CROSS SECTIONS SHEET 2
- 23L00071 C123 CROSS SECTIONS SHEET 3
- 23L00071 C124 CROSS SECTIONS SHEET 4
- 23L00071 C124 CROSS SECTIONS SHEET 4
- 23L00071 C151 LINEMARKING & SIGNAGE PLAN

LOCALITY PLAN
N.T.S.

NOT FOR CONSTRUCTION



REVISION	AMENDMENTS	DATE	CKD	APP	SURVEYOR: GeoPos	CLIENT:	THIS DRAWING AND THE CONCEPTS CONTAINED THEREIN ARE THE PROPERTY OF MI ENGINEERS. NO UNAUTHORISED COPYING IS PERMITTED. NOTHING IS TO BE CONSTRUCTED BASED ON THIS DRAWING, OR PART OF THIS DRAWING, WITHOUT THE WRITTEN PERMISSION OF MI ENGINEERS. DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER RELATED DESIGN DOCUMENTATION. FURTHERMORE, WHERE MIENGINEERS RELIES ON THE INFORMATION SUPPLIED BY OTHERS TO PRODUCE THE DESIGNS, WE ACCEPT NO LIABILITY FOR ERRORS, TO THE EXTENT THAT THE DESIGN HAS MADE RELIANCE ON THIS INFORMATION. MUST BE READ IN COLOUR	PROJECT :	DESIGNED:	DRAWN:	SCALE:	SHEET SIZE:
C	ISSUE FOR 100% DESIGN	31.05.24	RM	-	DATE OF SURVEY: 07.09.23	SYDNEY OFFICE Suite 2.06, 68 York St, Sydney NSW 2000 Australia Tel (02) 8396 6565	<div>MIENGINEERS.COM</div> <div>MIENGINEERS</div>	PROPOSED FOOTPATH UPGRADE	JH	JH	-	A1
B	ISSUE FOR 80% DESIGN	25.01.24	RM	-	ORIGIN:	SOUTH COAST OFFICE 49 Berry Street, Nowra NSW 2541 Tel (02) 4423 0566		KING ST & WINDLE ST & REDDALL PDE	DRAWING STATUS		DRAWING No.	
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					HORIZONTAL DATUM:			DRAWING NAME:	PROJECT No.		REVISION:	
								COVER SHEET	23L00071		C	



SIGNAGE & LINE MARKING LEGEND

BB LINE MARKING DELINEATION TYPE

NO STOPPING SIGNAGE - NEW
R5-400(LR)

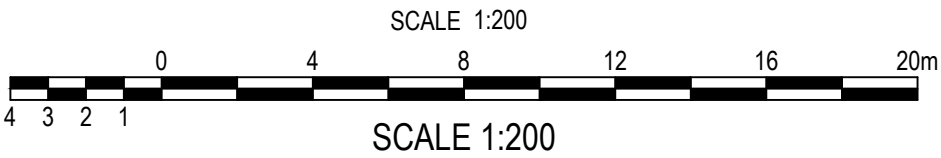
NO STOPPING SIGNAGE - EXISTING TO BE RETAINED
R5-400(LR) EXISTING

NO STOPPING SIGNAGE - EXISTING TO BE RELOCATED
R5-400(LR) EX - RELOCATE

NOTES

- 1. LINE MARKING TO COMPLY WITH AS1742 AND AUS-SPEC 1191.
- 2. SIGNAGE TO COMPLY WITH AS1742 AND AUS-SPEC 1192.

LINEMARKING & SIGNAGE PLAN



REVISION	AMENDMENTS	DATE	CKD	APP	SURVEYOR: GeoPos
A	ISSUE FOR 100% DESIGN	31.05.24	RM	-	DATE OF SURVEY: 07.09.23
					ORIGIN: -
					HEIGHT OF DATUM: -
					HORIZONTAL DATUM: -

CLIENT:

SYDNEY OFFICE
Suite 2.05, 68 York St,
Sydney NSW 2000 Australia
Tel (02) 8396 6565

SOUTH COAST OFFICE
49 Berry Street, Nowra NSW 2541
Tel (02) 4423 0566

WOLLONGONG OFFICE
Suite 3a, 128-134 Crown Street,
Wollongong NSW 2500
Tel (02) 4423 0566

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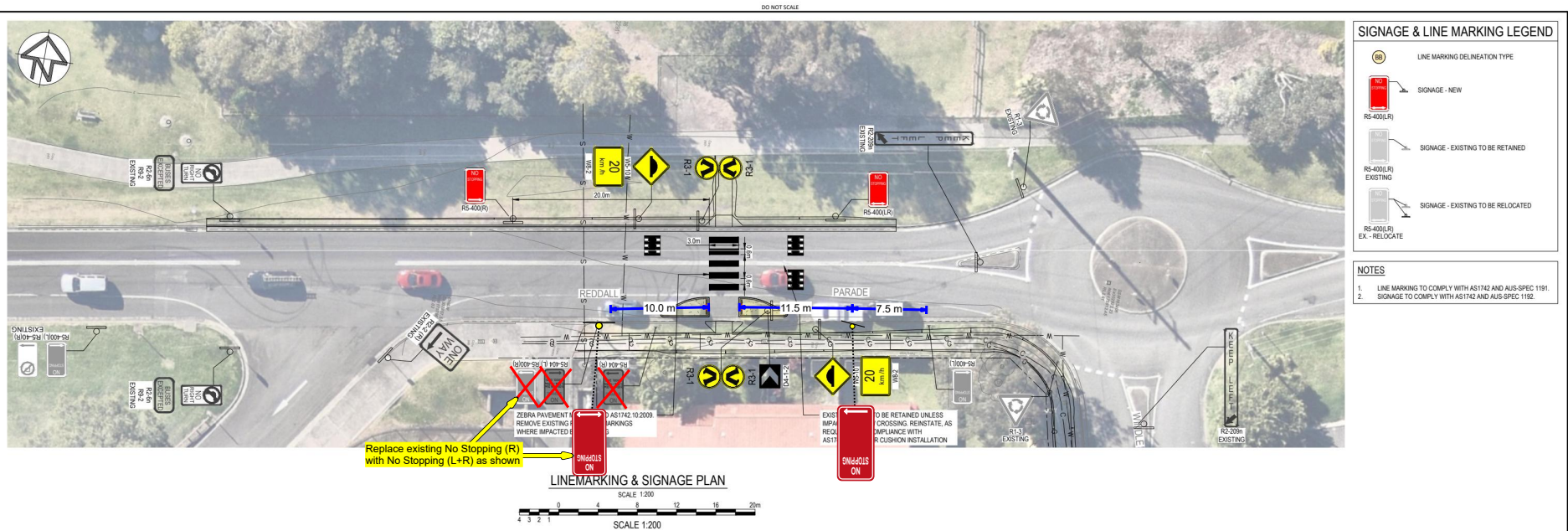
PROJECT :


PROPOSED FOOTPATH UPGRADE
KING ST & WINDLE ST & REDDALL PDE
LAKE ILLAWARRA NSW 2528

DRAWING NAME:
LINEMARKING & SIGNAGE PLAN

NOT FOR CONSTRUCTION

DESIGNED: JH	DRAWN: JH	SCALE: 1:200	SHEET SIZE: A1
DRAWING STATUS PRELIMINARY			DRAWING No. C151
PROJECT No. 23L00071			REVISION: A



REVISION	AMENDMENTS	DATE	CKD	APP	SURVEYOR: GeoPos	CLIENT:	SYDNEY OFFICE: Suite 2.06, 68 York St, Sydney NSW 2000 Australia Tel (02) 8396 6565	THIS DRAWING AND THE CONCEPTS CONTAINED THEREIN ARE THE PROPERTY OF MI ENGINEERS. NO UNAUTHORIZED COPYING IS PERMITTED. NOTHING IS TO BE CONSTRUCTED BASED ON THIS DRAWING, OR PART OF THIS DRAWING, WITHOUT THE WRITTEN PERMISSION OF MI ENGINEERS. DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER RELATED DESIGN DOCUMENTATION. THE INFORMATION SUPPLIED BY OTHERS TO PRODUCE THE DESIGN, WE ACCEPT NO LIABILITY FOR ERRORS, TO THE EXTENT THAT THE DESIGN HAS MADE RELIANCE ON THIS INFORMATION. MUST BE READ IN COLOUR	PROJECT: PROPOSED FOOTPATH UPGRADE KING ST & WINDLE ST & REDDALL PDE LAKE ILLAWARRA NSW 2528	DESIGNED: JH	DRAWN: JH	SCALE: 1:200	SHEET SIZE: A1
A	ISSUE FOR 100% DESIGN	31.05.24	RM	-	DATE OF SURVEY: 07.09.23	Shellharbour CITY COUNCIL	SOUTH COAST OFFICE: 49 Berry Street, Nowra NSW 2541 Tel (02) 4423 0566		LINEMARKING & SIGNAGE PLAN	DRAWING STATUS: PRELIMINARY	DRAWING NO: C151	PROJECT NO: 23L00071	REVISION: A
				ORIGIN: -		WOLLONGONG OFFICE: Suite 3a, 128-134 Crown Street, Wollongong NSW 2500 Tel (02) 4423 0566							
				HEIGHT OF DATUM: -									
				HORIZONTAL DATUM: -									



8.6 Deakin Reserve, Oak Flats - Carpark Upgrade

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the signage and linemarking plan as part of the carpark upgrade at Deakin Reserve, Oak Flats (as shown in **Attachment 1**).

Background

As part of Council's Capital Works Program, the carpark located at Deakin Reserve, Oak Flats will be upgraded to include 16 parking spaces and 1 mobility parking space at the western end of the carpark. Of the 16 parking spaces, 4 spaces are designed to cater for vehicles towing trailers (as shown in **Attachment 1**). Currently, parking is available within the carpark however there are no appropriate delineation and therefore the spaces available are not optimised efficiently. As part of the project, a footpath will also be constructed to link the existing jetty to the sailing and rowing club house to provide safe pedestrian access for community members using the facilities. Furthermore, the existing carpark will be upgraded with pavement/spray seal (subject to geotechnical investigation).

To supplement the changes to the carpark, it is proposed that the following signage be installed (as shown in **Attachment 2**):

- 1 x Disability Parking (r5-10) sign to improve visibility of the dedicated mobility impaired parking space
- 4 x No Parking (r5-40) signage to reinforce the available parking spaces within the carpark
- 2 x No Parking (r5-40) Cars With Trailers Excepted signage to reinforce the dedicated parking spaces for vehicles towing trailers
- 1 x Restricted Parking Area/ Park in Bays Only sign

Furthermore, at the February 2023 Traffic Committee meeting, the Committee endorsed the installation of a 5 metre 'No Parking' zone across the gated access to the clubhouse to assist with boat access into and out of the site. It should be noted that no changes will be made to the signposted access as part of this project.

Financial / Resources Implications

If approved, works will be carried out and funded by Council.

Legal and Policy Implications

Nil

Public / Social Impact

- Improved access between the jetty, and sailing and rowing clubhouse for community members using both facilities
- Delineation of available parking spaces within the carpark
- Formalisation of one mobility impaired parking space, four Cars with Trailers Excepted parking spaces, and 12 unrestricted parking spaces

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs

1.2.3.05 Sustainable delivery of Capital Works

1.2.3.07 Maintain the City's road reserve infrastructure

2.2 We are a beautiful and connected City

2.2.2 Provide and promote a sustainable and integrated active travel and transport network

2.2.2.01 Develop strategies to improve transport connectivity across the City, focusing on active transport and advocacy

Consultation

Internal

Manager Floodplain and Transport (Acting)

Manager Compliance and Regulation

Road Safety Officer

Design Officer

External

Nil

Political Donations Disclosure

Not Applicable

Committee Recommendation

That Council approve the signage and linemarking plan as part of the carpark upgrade at Deakin Reserve, Oak Flats (as shown in Attachment 2).

Attachments

1. Proposed Carpark - Deakin Reserve
2. Deakin Reserve Carpark - Signage Plan

SHELLHARBOUR CITY COUNCIL

PROPOSED CARPARK FORMALISATION - STAGE 1 DEAKIN RESERVE, OAK FLATS






LAYOUT PLAN
NOT TO SCALE

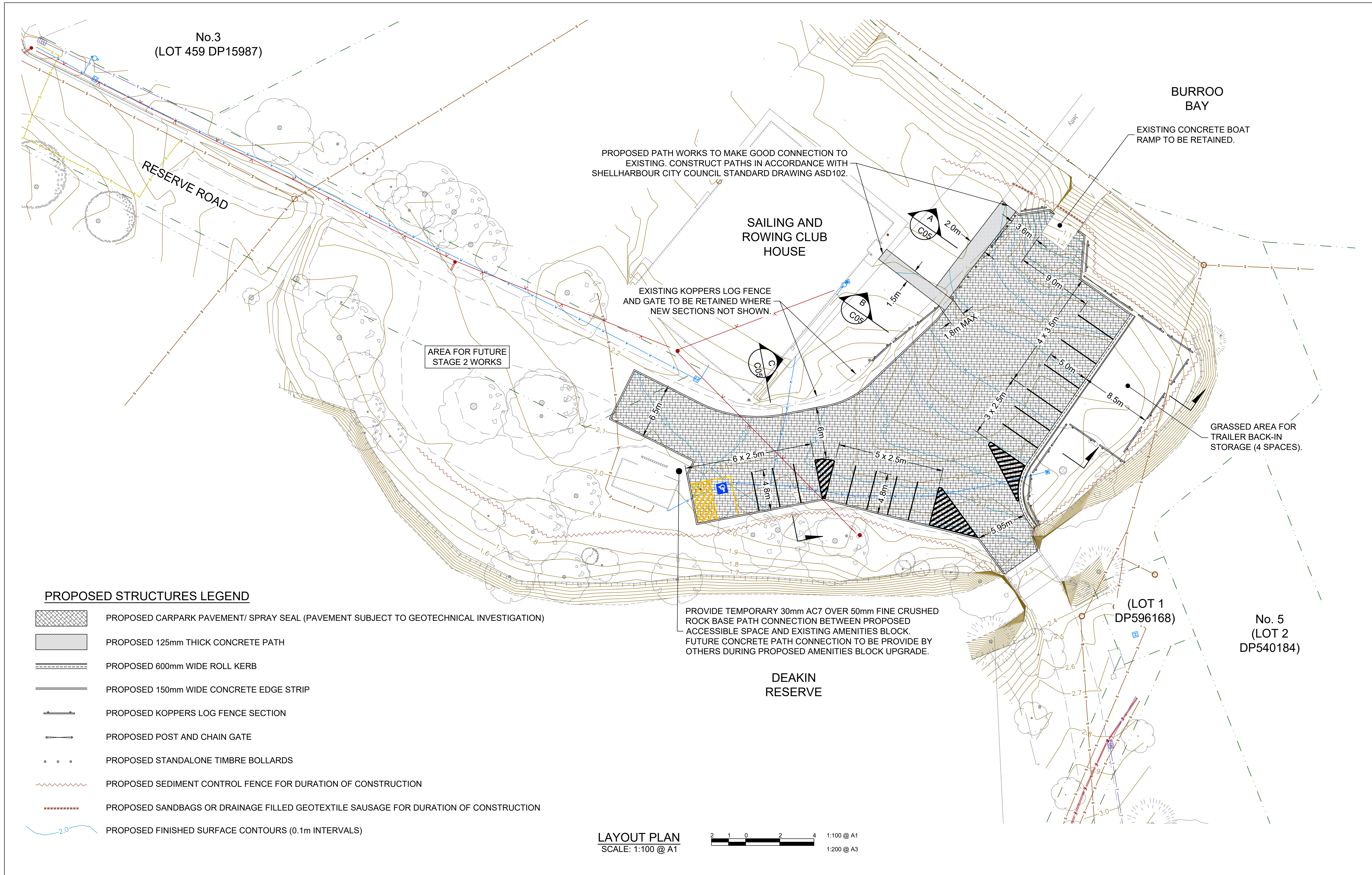
SHEET INDEX

SHEET No.	DESCRIPTION
C01	COVER PAGE
C02	NOTES
C03	SURVEY AND SERVICES PLAN
C04	GENERAL ARRANGEMENT PLAN
C05	TYPICAL SECTIONS
C06	DETAILS
C07	CUT AND FILL PLAN

SCC STANDARD DRAWINGS

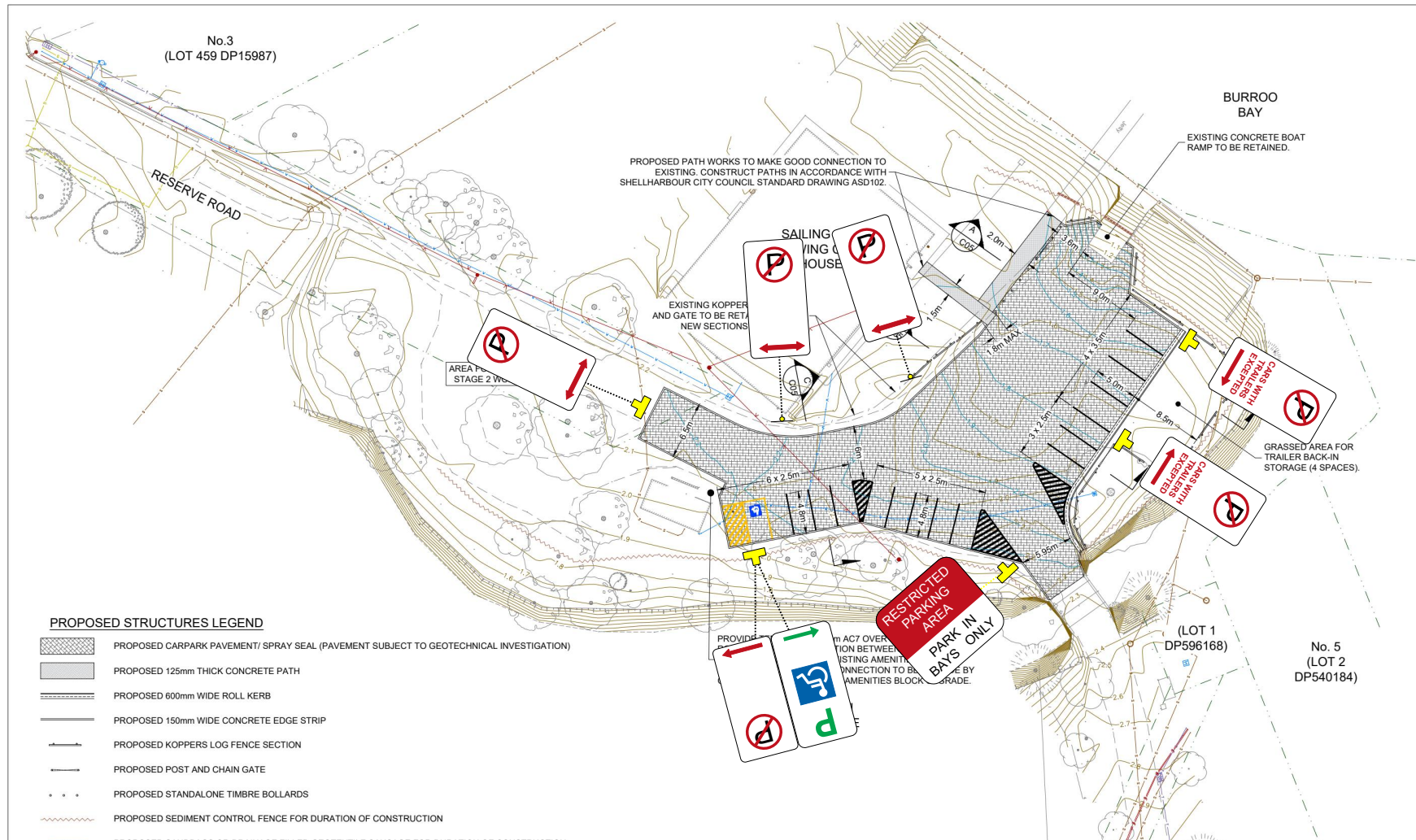
SHEET No.	DESCRIPTION
ASD 102	STANDARD FOOTPATH DETAILS
ASD 200	STANDARD KERB PROFILES AND SETOUT

			SURVEYOR: GEOPOS JAN-24		SCALES AS NOTED	NORTH 	 <div>ADMINISTRATION CENTRE SHELLHARBOUR CIVIC CENTRE 76 CYGNET AVENUE (Cnr Cygnet & College Avenue) POSTAL ADDRESS Locked Bag 155 SHELLHARBOUR CITY CENTRE NSW 2529 PH: (02) 4221 6111 FAX: (02) 4221 6016 DX26402 SHELLHARBOUR CITY CENTRE</div>	PROPOSED CARPARK FORMALISATION DEAKIN RESERVE, OAK FLATS COVER SHEET	NOT FOR CONSTRUCTION			ORIGINAL			
			DATUM: AHD71						SHEET 1 OF 7						
			AZIMUTH: GDA2020 (MGA56)						DRAWING No.						
			DRAWN: H.BAHNERT MAR-24						SHEET No.						
1	ISSUED FOR DETAILED DESIGN APPROVAL	07.04.24	DESIGNED: H.BAHNERT MAR-24							2401					
ISSUE	DESCRIPTION	DATE	CHECKED: H.BAHNERT APR-24							C01					



			SURVEYOR: GEOPOS JAN-24		SCALES	NORTH	<div>ADMINISTRATION CENTRE SHELLHARBOUR CIVIC CENTRE 76 CYGNET AVENUE (Cnr Cygnet & College Avenue) POSTAL ADDRESS Locked Bag 155 SHELLHARBOUR CITY CENTRE NSW 2529 PH: (02) 4221 6111 FAX: (02) 4221 6016 DX26402 SHELLHARBOUR CITY CENTRE</div>	PROPOSED CARPARK FORMALISATION DEAKIN RESERVE, OAK FLATS	NOT FOR CONSTRUCTION		ORIGINAL			
		DATUM: AHD71	SHEET 4 OF 7						DRAWING No.	SHEET No.	ISSUE			
		AZIMUTH: GDA2020 (MGA56)												
		DRAWN: H.BAHNERT MAR-24												
1	ISSUED FOR DETAILED DESIGN APPROVAL	07.04.24	DESIGNED: H.BAHNERT MAR-24		AS NOTED		<div>ADMINISTRATION CENTRE SHELLHARBOUR CIVIC CENTRE 76 CYGNET AVENUE (Cnr Cygnet & College Avenue) POSTAL ADDRESS Locked Bag 155 SHELLHARBOUR CITY CENTRE NSW 2529 PH: (02) 4221 6111 FAX: (02) 4221 6016 DX26402 SHELLHARBOUR CITY CENTRE</div>	GENERAL ARRANGEMENT PLAN			2401		C04	1
ISSUE	DESCRITION	DATE	CHECKED: H.BAHNERT APR-24											

All line marking to be installed in accordance with Transport for NSW Delineation Guidelines
All signage to be installed in accordance with AS1742.2 and Shellharbour Engineering Code



8.7 Temporary Full Road Closure - Hargraves Avenue and Airport Road, Albion Park Rail - i98FM Illawarra Convoy 2024

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Wayne Wilson, Manager Floodplain and Transport (Acting)

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the temporary road closure of Hargraves Avenue and Airport Road, and the partial closure of Station Road, Albion Park Rail (as shown on **Attachment 1**) on Sunday 17 November 2024 for the i98 Illawarra Convoy free family day to be held at the Shellharbour Airport.

Background

Council has received a request from the Illawarra Convoy, seeking approval for the temporary full road closure of Hargraves Avenue and Airport Road, and the partial closure of Station and Tongarra Road Albion Park Rail, as per the attached Traffic Management Plan (**Attachment 1**), for the i98FM Illawarra Convoy 2024 event on Sunday 17 November 2024.

The i98FM Illawarra Convoy 2024 is an annual charity event which has been running since 2005, which is the largest truck and motorbike convoy in the Southern Hemisphere. It starts in the northern suburbs of Wollongong and culminates with a free family fun day at the Shellharbour Airport. While the applicant has encouraged patrons to use public transport, it is envisaged that the majority of patrons will drive to the event and use carparking provided around the Shellharbour Airport.

The applicant has advised that the purpose of the temporary road closures of Hargraves Avenue and Airport Road is to manage traffic in and around the Shellharbour Airport and to manage traffic along Tongarra Road, Station Road and Croome Road.

Participants will be directed by Traffic Logistics controllers at Hargraves Avenue, trucks will be instructed/directed where to park inside the complex, off the road. Controllers will be briefed to have the vehicles enter safely and park

as quickly as possible to eliminate end of queue collisions and for the convenience and safety of all road users.

Traffic Logistics has provided a Traffic Management Plan (as shown on **Attachment 1**) together with Traffic Control Plans.

Financial / Resources Implications

If approved, works will be carried out and funded by the applicant.

Legal and Policy Implications

Nil

Public / Social Impact

Minor traffic impacts for airport commuters.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.1 We inspire community spirit

1.1.1 Foster creativity and events that bring people together

1.1.1.01 Support and implement events and activations across the City

1.1.2 Work within our communities to connect people, build resilience and opportunity to participate in community life

1.1.2.01 Facilitate and foster community partnerships that build community capacity, attract resources and promote local community initiatives

Consultation

Internal

Road Safety Officer

Manager Compliance and Regulation

External

Nil

Political Donations Disclosure

Not Applicable

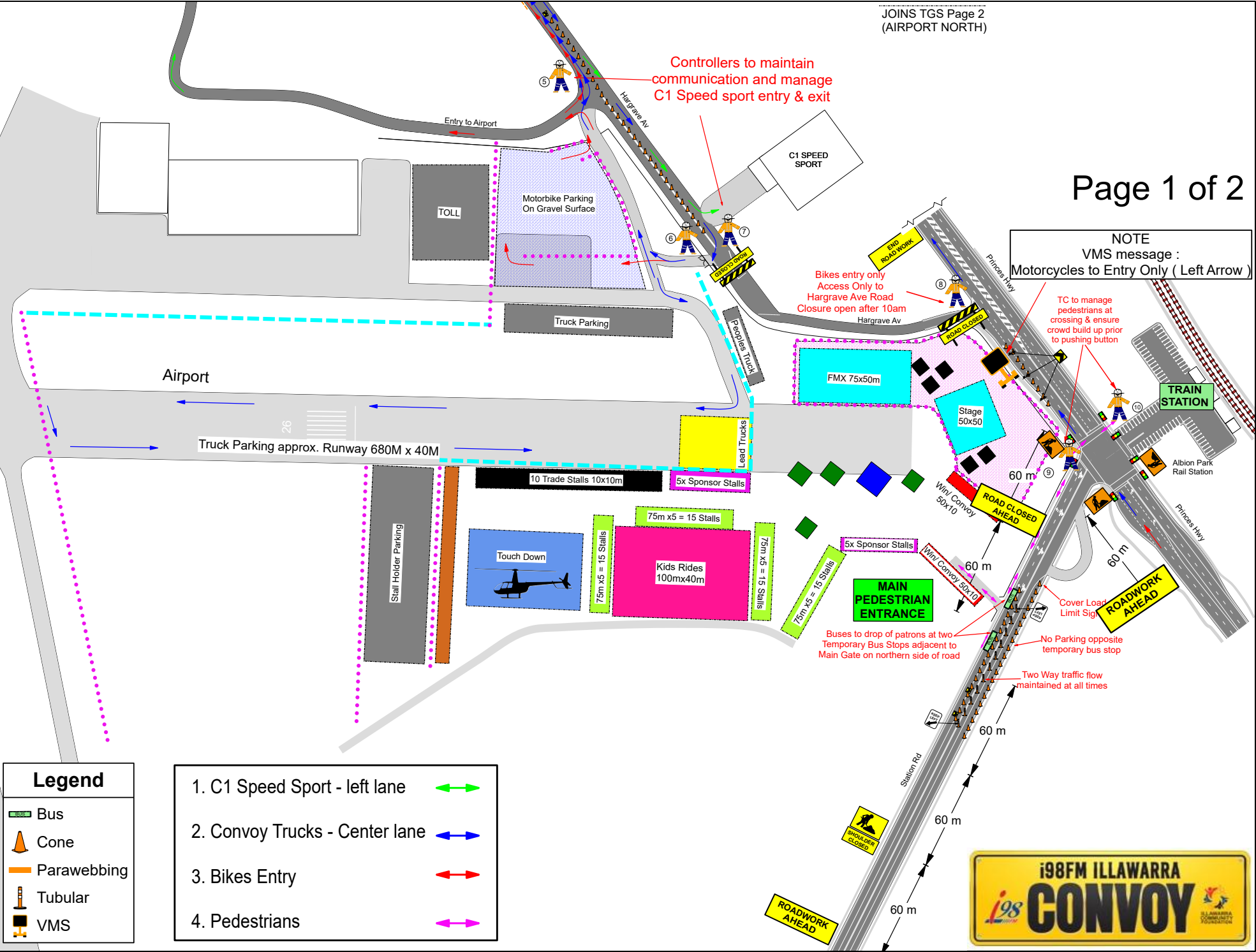
Committee Recommendation

That Council approve the temporary and partial road closures to facilitate the i98 Illawarra Convoy 2024 (as shown on Attachments 1 and 2) subject to the following conditions:

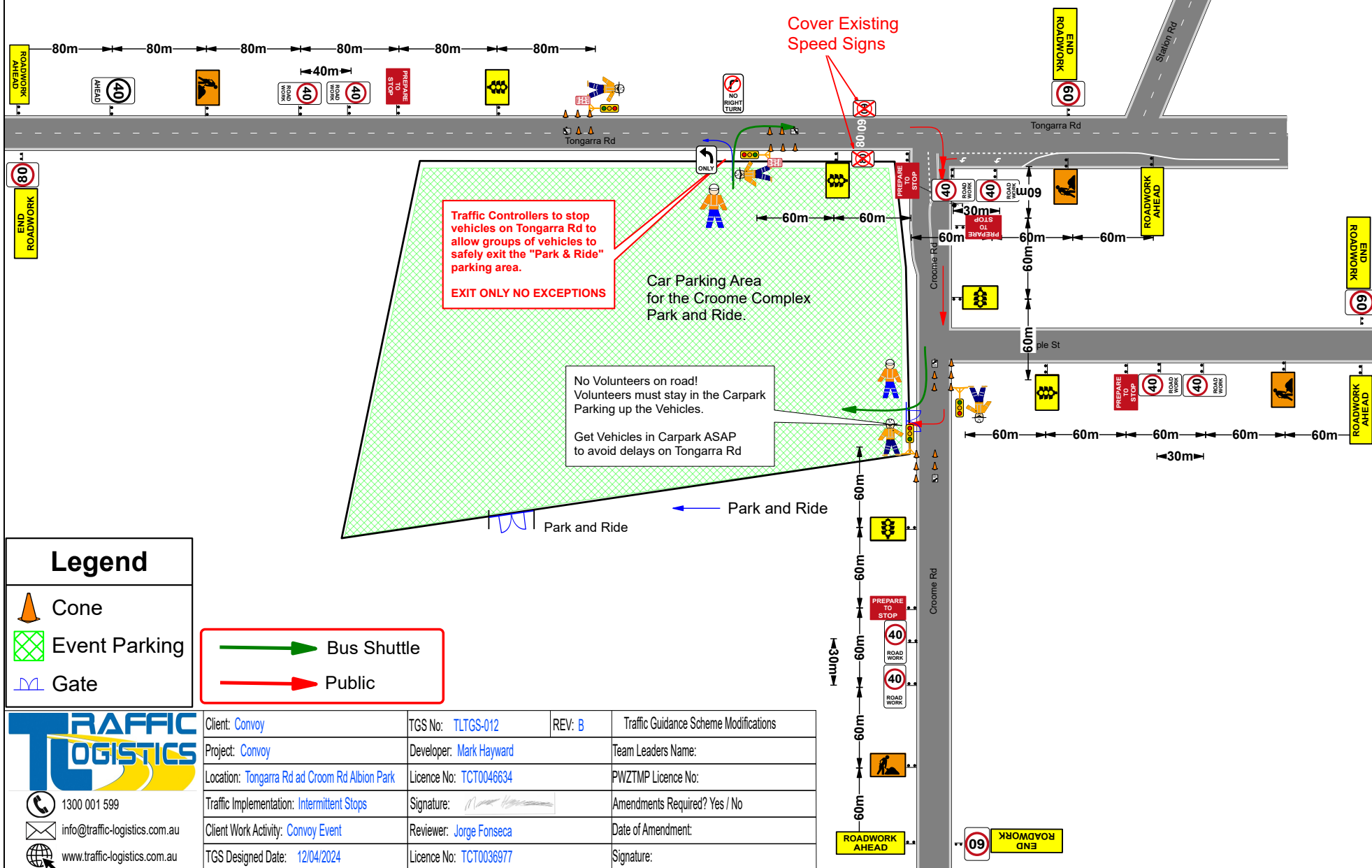
- 1. The applicant must inform all residents/businesses who may be impacted by this temporary road closure, including all businesses within the Shellharbour Airport precinct, at least seven days before the closure via a letterbox drop.**
- 2. Access must be retained to the Shellharbour Airport Terminal for patrons who may need to catch flights in and out of the Shellharbour Airport**
- 3. The applicant must supply and erect any barriers and traffic signs necessary for the road closure as stipulated by the approved Traffic Control Plan (TCP) and remove them at the completion of the works.**
- 4. Portable Variable Message Signs are recommended along the Princes Highway on each approach to Airport Road, Albion Park Rail, to advise drivers of the road closures 7 days in advance of the road closures.**
- 5. Council must be indemnified against all claims for damage or injury that may result from either the activities or from the occupation of part of the public way during the activities. A copy of Public Liability Insurance Cover to the value of \$20,000,000 shall be provided to Council prior to the event and Council must be listed as in interested party on the insurance.**
- 6. Council must be reimbursed for the cost of repair of any damage caused to Council property as a result of the activities.**
- 7. The applicant must inform all Emergency Services of the proposed road closure (that is NSW Police, Fire Brigade, Ambulance, State Emergency Services).**
- 8. Shellharbour City Council reserves the right to cancel this approval at any time.**
- 9. The applicant receives a Road Occupancy License from TfNSW for the proposed partial closure and traffic control proposed along Tongarra Road.**

Attachments

- 1. Convoy 2024-Station Rd and Hargrave Rd, Airport North-Traffic Plan**
- 2. Conoy 2024-Tongarra Rd, Croome Rd Albion Park-Event Parking**



Parsons Paddock



Legend



Cone



Event Parking



Gate



1300 001 599





info@traffic-logistics.com.au



www.traffic-logistics.com.au

•Sydney •Wollongong •Newcastle

Client: Convoy	TGS No: TLTGS-012	REV: B	Traffic Guidance Scheme Modifications
Project: Convoy	Developer: Mark Hayward	Team Leaders Name:	
Location: Tongarra Rd ad Croom Rd Albion Park	Licence No: TCT0046634	PWZTMP Licence No:	
Traffic Implementation: Intermittent Stops	Signature: 	Amendments Required? Yes / No	
Client Work Activity: Convoy Event	Reviewer: Jorge Fonseca	Date of Amendment:	
TGS Designed Date: 12/04/2024	Licence No: TCT0036977	Signature:	
TGS Expiry Date: 12/04/2026	Signature: 	Clients Signature:	

Traffic Logistics does not accept responsibility for this Traffic Guidance Scheme if it is not implemented by Traffic Logistics Pty Ltd. This Traffic Guidance Scheme must be set up and packed up by a qualified personnel with a minimum current Implement Traffic Control Plans card. Signage must be set up in accordance with TCAWS Manual 2022 version 6.1 and Australian Standards 1742.3. Any modifications to this Traffic Guidance Scheme must be made by a qualified person with a current PWZTMP card. All modifications to this Traffic Guidance Scheme will need to be signed off by the client, dated and signed by the qualified PWZTMP cardholder and then sent back to the office for amendments.

8.8 Ashburton Drive, Albion Park - Mount Terry Estate Stages 5A, 5B and 6B - Signage and Linemarking Plan

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the signage and linemarking plan for Stage 5A, 5B, 6A and 6B of the Mount Terry Estate located at Ashburton Drive, Albion Park (as shown in **Attachment 1**).

Background

Council has received the proposed signage plan for the subdivision of Mount Terry Estate Stages 5A, 6A and 6B at Ashburton Drive, Albion Park (as shown in **Attachment 1**). The proposed signage plan includes the installation of a 'No Stopping' zone along the western alignment of Road 06 between Road 03 and Road 07, as well as a 'No Stopping' along the northern alignment of Road 07. A review of the plan was conducted, and it is recommended that the following items be included (as shown in **Attachment 2**):

- the proposed 'No Stopping' zones be supplemented with yellow No Stopping (C3) linemarking
- the bend along Road 03 be delineated with double barrier (BB) linemarking from the intersection of Road 06 and Road 03 to no. 612, with C3 linemarking installed along both the northern and southern alignments of Road 03
- the BB linemarking on Road 01 be extended past the kerb ramps to ensure the kerb ramps are kept clear of obstructions
- C3 linemarking be installed from the intersection of Road 06 and Road 01 to no. 508/509

Financial / Resources Implications

If approved, the works will be carried out and funded by the Applicant.

Legal and Policy Implications

Nil

Public / Social Impact

- Improved delineation of Roads 01, 03, 06 and 07
- Reinforcement of the NSW Road Rules Regulation 170

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs

1.2.3.07 Maintain the City's road reserve infrastructure

2.2 We are a beautiful and connected City

2.2.2 Provide and promote a sustainable and integrated active travel and transport network

2.2.2.01 Develop strategies to improve transport connectivity across the City, focusing on active transport and advocacy

Consultation

Internal

Manager Compliance and Regulation

Manager Floodplain and Transport (Acting)

Road Safety Officer

Principal Engineer - Development and Subdivision Certification

External

Nil

Political Donations Disclosure

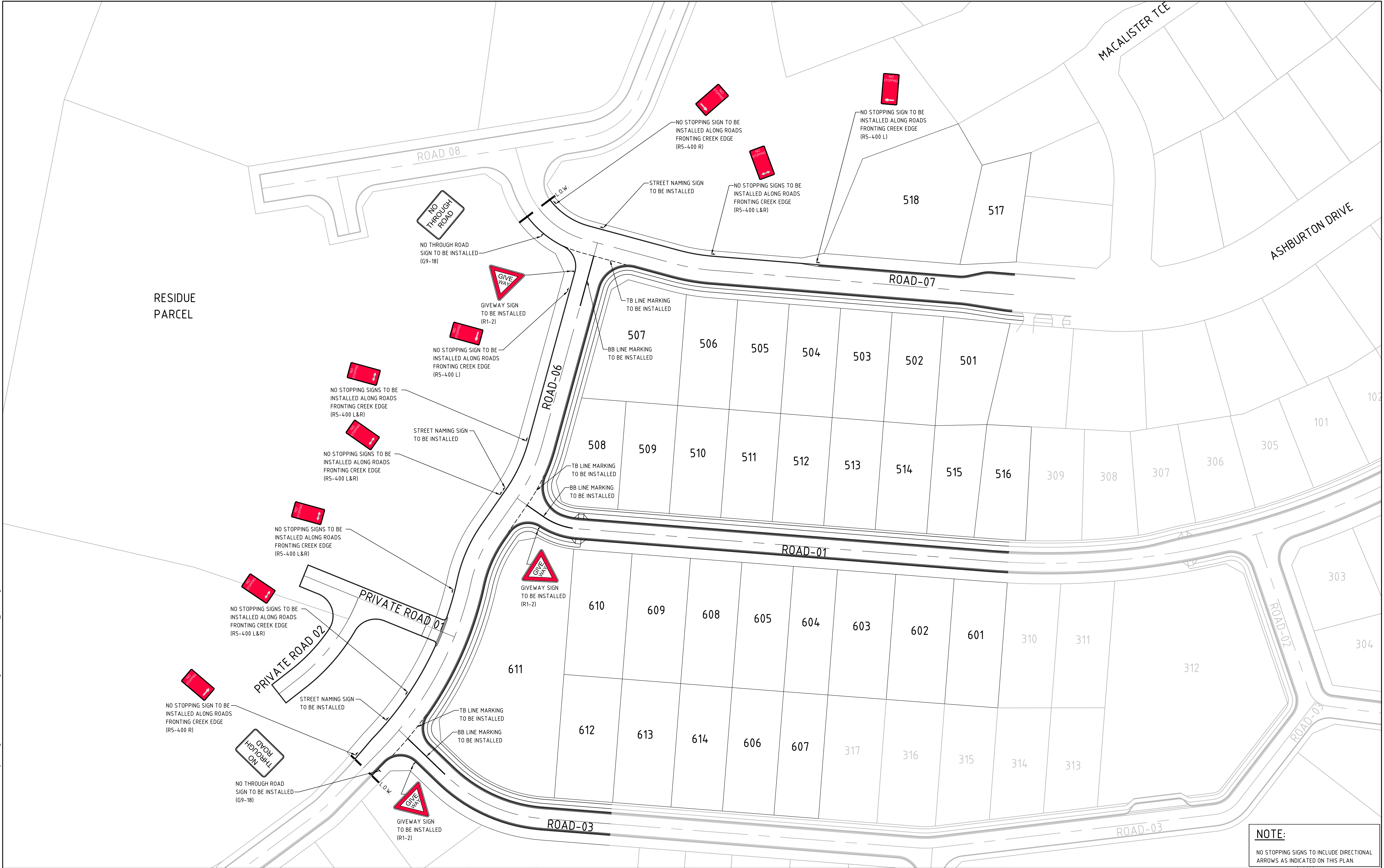
Not Applicable

Committee Recommendation

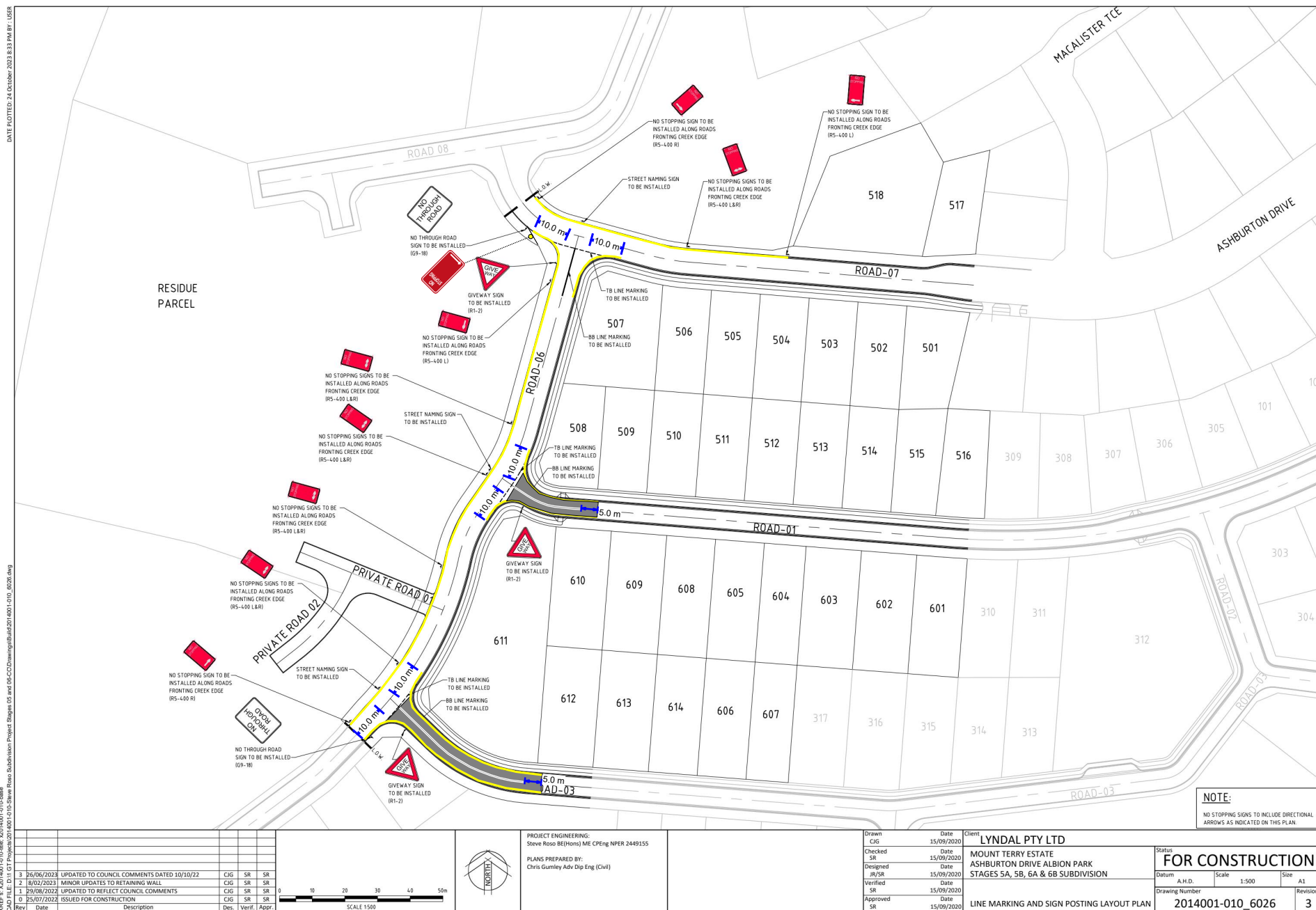
That Council approve the signage and linemarking plan for Stage 5A, 5B, 6A and 6B of the Mount Terry Estate located at Ashburton Drive, Albion Park (as shown in Attachment 2).

Attachments

1. Sign and line marking plan Civil Plans CC0124-2022
2. Mount Terry Estate - Signage and Linemarking Plan



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8.9 3004 Escarpment Drive, Calderwood - Signage and Linemarking Plan

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the proposed signage and linemarking plans for the proposed subdivision of Lot 3004 Escarpment Drive, Calderwood (as shown on **Attachment 1**).

Background

Council has received the proposed signage and linemarking plans for the subdivision of lot 3004 Escarpment Drive, Calderwood (as shown on **Attachment 1**). The signage and linemarking plans are to facilitate a one-way movement from Escarpment Drive to Sarsaparilla Way. The proposed signage and linemarking plan (**Attachment 1**) includes the installation of:

- No Stopping signage along Escarpment Drive, Road 01 and Sarsaprilla Way with parking permitted along the western alignment of Road 01 between property no. 36 and 37
- One Way signage at both the northern and southern end of Road 01
- No Entry signage at the southern end of Road 01
- Partial replacement of the existing E1 (Left hand edge) linemarking with C1 (Continuity) linemarking

A review of the plans was conducted, and it is recommended that signage and linemarking plan be endorsed subject to the below variations (as shown on **Attachment 2**) to improve road safety for all road users and to reinforce the NSW Road Rules Regulation 167 and 169. These variations include:

- Extension of the No Stopping zone along Escarpment Drive, up until the Bus Zone (western end) and Bushranger Parade (eastern end)
- Continuation of the No Stopping zone along Road 01 between property no. 35 and 38

- All No Stopping zones be supplemented with yellow C3 (No Stopping) linemarking

Whilst it is noted that the proposed width of Road 01 is 7.2m, kerbside parking is not supported along both the western and eastern alignments of Road 01 as parked vehicles may restrict turning movements of vehicles entering and exiting driveways, and consequently cause potential road safety concerns.

Financial / Resources Implications

If approved, works will be carried out by and funded by the applicant .

Legal and Policy Implications

Nil

Public / Social Impact

Clearer delineation and reinforcement of the one-way traffic movement of Escarpment Drive.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

- 1.2.1 Inclusive, accessible and safe spaces for our entire community
- 1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs
- 1.2.4 Our town centres are activated, liveable and provide a welcoming sense of place

Consultation

Internal

Road Safety Officer
 Manager Compliance and Regulation
 Manager Floodplain and Transport (Acting)
 Principal Engineer - Development and Subdivision Certification

External

Nil

Political Donations Disclosure

Not Applicable

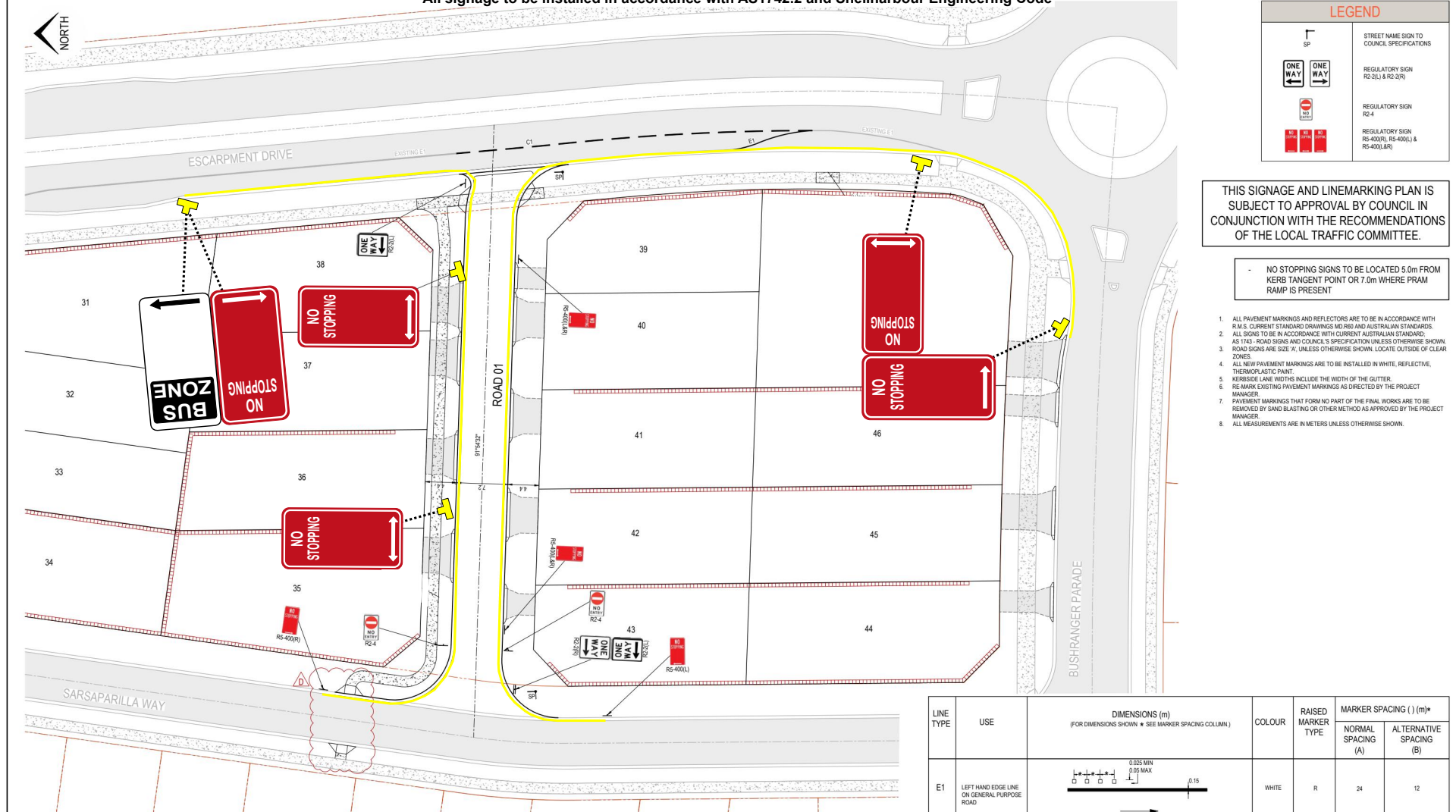
Committee Recommendation

That Council approve the proposed signage and linemarking plans for the proposed subdivision of Lot 3004 Escarpment Drive, Calderwood (as shown on **Attachment 2**).

Attachments

1. 23-0362-01-SWC-000-800-REV D
2. 3004 Escarpment Drive - Amended Signage and Linemarking Plan

All line marking to be installed in accordance with Transport for NSW Delineation Guidelines
All signage to be installed in accordance with AS1742.2 and Shellharbour Engineering Code



Deakin Reserve Car Park Signage and Linemarking Plan

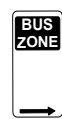
Date	23/07/24	Street	Escarpment Dr, Road 01, Sarsaparilla Way		
Scale	1:250	Suburb	Calderwood		
Page	1 of 1	Drawn	S.Luo	Reviewed	N/A

Legend

Proposed Sign Pole



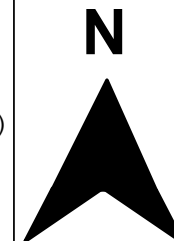
No Stopping
(r5-400)



Bus Zone
(r5-20)
(EXISTING)



No Stopping linemarking (C3)



8.10 Temporary Road Closure - Marshall Mount Road, Calderwood - Ride Wollongong - 7th and 8th September 2024

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Wayne Wilson, Manager Floodplain and Transport (Acting)

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the temporary road closure of Marshall Mount Road (local resident exempt) for the Ride Wollongong Event on Saturday 7th and Sunday 8th September 2024.

Background

An application for the temporary road closure of Marshall Mount Road has been received from Elite Energy in order to hold a Ride Wollongong Event (as shown on the **Attachment 1**). While the majority of road closures take place within the Wollongong City Council local government area, Marshall Mount Road at Calderwood will be temporarily closed for this event subject to the following conditions:

1. The applicant must inform all residents/businesses who may be impacted by this temporary road closure, including all businesses at least seven days before the closure via a letterbox drop.
2. Access must be retained for all local residents along Marshall Mount Road
3. The applicant must supply and erect any barriers and traffic signs necessary for the road closure as stipulated by the approved Traffic Control Plan (TCP) and remove them at the completion of the works.
4. Council must be indemnified against all claims for damage or injury that may result from either the activities or from the occupation of part of the public way during the activities. A copy of Public Liability Insurance Cover to the value of \$20,000,000 shall be provided to Council prior to the event and Council must be listed as an interested party on the insurance.
5. Council must be reimbursed for the cost of repair of any damage caused to Council property as a result of the activities.

6. The applicant must inform all Emergency Services of the proposed road closure (that is NSW Police, Fire Brigade, Ambulance, State Emergency Services).
7. Shellharbour City Council reserves the right to cancel this approval at any time.

Financial / Resources Implications

If approved the temporary road closure will be implemented at no cost to Council.

Legal and Policy Implications

Nil

Public / Social Impact

Minor impact to local residents of Marshall Mount Road.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

- 1.2.1 Inclusive, accessible and safe spaces for our entire community
- 1.2.2 Promote healthy living and high-quality public spaces that are well maintained and activated
- 1.2.4 Our town centres are activated, liveable and provide a welcoming sense of place

Consultation

Internal

Road Safety Officer
Manager Compliance

External

Wollongong City Council

Political Donations Disclosure

Not Applicable

Committee Recommendation

That Council endorse the temporary closure of Marchall Mount Road (Local Residents exempt) subject to the following conditions:

- 1. The applicant must inform all residents/businesses who may be impacted by this temporary road closure, including all businesses at least seven days before the closure via a letterbox drop.**
- 2. Access must be retained for all local residents along Marchall Mount Road**
- 3. The applicant must supply and erect any barriers and traffic signs necessary for the road closure as stipulated by the approved Traffic Control Plan (TCP) and remove them at the completion of the works.**
- 4. Council must be indemnified against all claims for damage or injury that may result from either the activities or from the occupation of part of the public way during the activities. A copy of Public Liability Insurance Cover to the value of \$20,000,000 shall be provided to Council prior to the event and Council must be listed as in interested party on the insurance.**
- 5. Council must be reimbursed for the cost of repair of any damage caused to Council property as a result of the activities.**
- 6. The applicant must inform all Emergency Services of the proposed road closure (that is NSW Police, Fire Brigade, Ambulance, State Emergency Services).**
- 7. Shellharbour City Council reserves the right to cancel this approval at any time.**

Attachments

- 1. Ride Wollongong TGS-RW-SAT 2024 (002)**

RIDE WOLLONGONG

Traffic Guidance Scheme

TGS-RW-SAT 2024 (Plans 1 - 11)


Sat 7th September 2024



DATE: 7th September 2024
ROAD TYPE: 2L,2W
ROAD SPEED: 80km
TGS NUMBER: TGS-RW-SAT-2024 Plan 1
TMP: Ride Wollongong 2024
SIGNAGE CLASSIFICATION: A

LOCATION: Avondale
CLIENT: Elite Energy
JOB DESCRIPTION: Cycling Crit
SCOPE OF WORKS: Cycling event
COUNCIL: Wollongong City Council
DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

**NSW**
SafeWork NSW

**WORK HEALTH & SAFETY
TRAFFIC CONTROL WORK**

Sarah HALLAM
Card No: TCT0065734
Date of Issue: 19/05/2017
Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES

**eliteenergy**
MAKING EVENTS MEMORABLE

N




DATE: 7th September 2024

ROAD TYPE: 2L,2W

ROAD SPEED: 80km

TGS NUMBER: TGS-RW-SAT-2024 Plan 2

TMP: Ride Wollongong 2024

SIGNAGE CLASSIFICATION: A

LOCATION: Avondale

CLIENT: Elite Energy

JOB DESCRIPTION: Cycling Crit

SCOPE OF WORKS: Cycling event

COUNCIL: Wollongong City Council

DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:

Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK

Sarah HALLAM

Card No: TCT0065734

Date of Issue: 19/05/2017

Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES





DATE: 7th September 2024
ROAD TYPE: 2L,2W
ROAD SPEED: 80km
TGS NUMBER: TGS-RW-SAT-2024 Plan 3
TMP: Ride Wollongong 2024
SIGNAGE CLASSIFICATION: A

LOCATION: Avondale
CLIENT: Elite Energy
JOB DESCRIPTION: Cycling Crit
SCOPE OF WORKS: Cycling event
COUNCIL: Wollongong City Council
DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

NSW SafeWork NSW WORK HEALTH TRAFFIC CONTROL

Sarah HALLAM
Card No: TCT0065734
Date of Issue: 19/05/2017
Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES

eliteenergy
MAKING EVENTS MEMORABLE


N



DATE: 7th September 2024
ROAD TYPE: 2L,2W
ROAD SPEED: 80km
TGS NUMBER: TGS-RW-SAT-2024 Plan 4
TMP: Ride Wollongong 2024
SIGNAGE CLASSIFICATION: A

LOCATION: Avondale
CLIENT: Elite Energy
JOB DESCRIPTION: Cycling Crit
SCOPE OF WORKS: Cycling event
COUNCIL: Wollongong City Council
DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

**SafeWork NSW**

**WORK HEALTH & SAFETY
TRAFFIC CONTROL WORK**

Sarah HALLAM
Card No: TCT0065734
Date of Issue: 19/05/2017
Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES

**eliteenergy**
MAKING EVENTS MEMORABLE

N




Legend

Accredited Traffic Controller

Cyclist Movement

Resident Access Only

Special Event in Progress

T1-6 Road Closed Ahead

T1-18 Prepare to Stop

T1-34 Traffic Controller Ahead

T2-4 Road Closed

Type 1 Barricade

DATE: 7th September 2024	LOCATION: Avondale
ROAD TYPE: 2L,2W	CLIENT: Elite Energy
ROAD SPEED: 50km	JOB DESCRIPTION: Cycling Crit
TGS NUMBER: TGS-RW-SAT-2024 Plan 5	SCOPE OF WORKS: Cycling event
TMP: Ride Wollongong 2024	COUNCIL: Wollongong City Council
SIGNAGE CLASSIFICATION: A	DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

SafeWork NSW

WORK HEALTH & SAFETY
TRAFFIC CONTROL WORK

Sarah HALLAM

Card No: TCT0065734

Date of Issue: 19/05/2017

Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES

eliteenergy

MAKING EVENTS MEMORABLE



DATE: 7th September 2024

ROAD TYPE: 2L,2W

ROAD SPEED: 80km

TGS NUMBER: TGS-RW-SAT-2024 Plan 6

TMP: Ride Wollongong 2024

SIGNAGE CLASSIFICATION: A

LOCATION: Avondale

CLIENT: Elite Energy

JOB DESCRIPTION: Cycling Crit

SCOPE OF WORKS: Cycling event

COUNCIL: Wollongong City Council

DESIGNED BY: Sarah Hallam TCT0065734






COMMENTS:

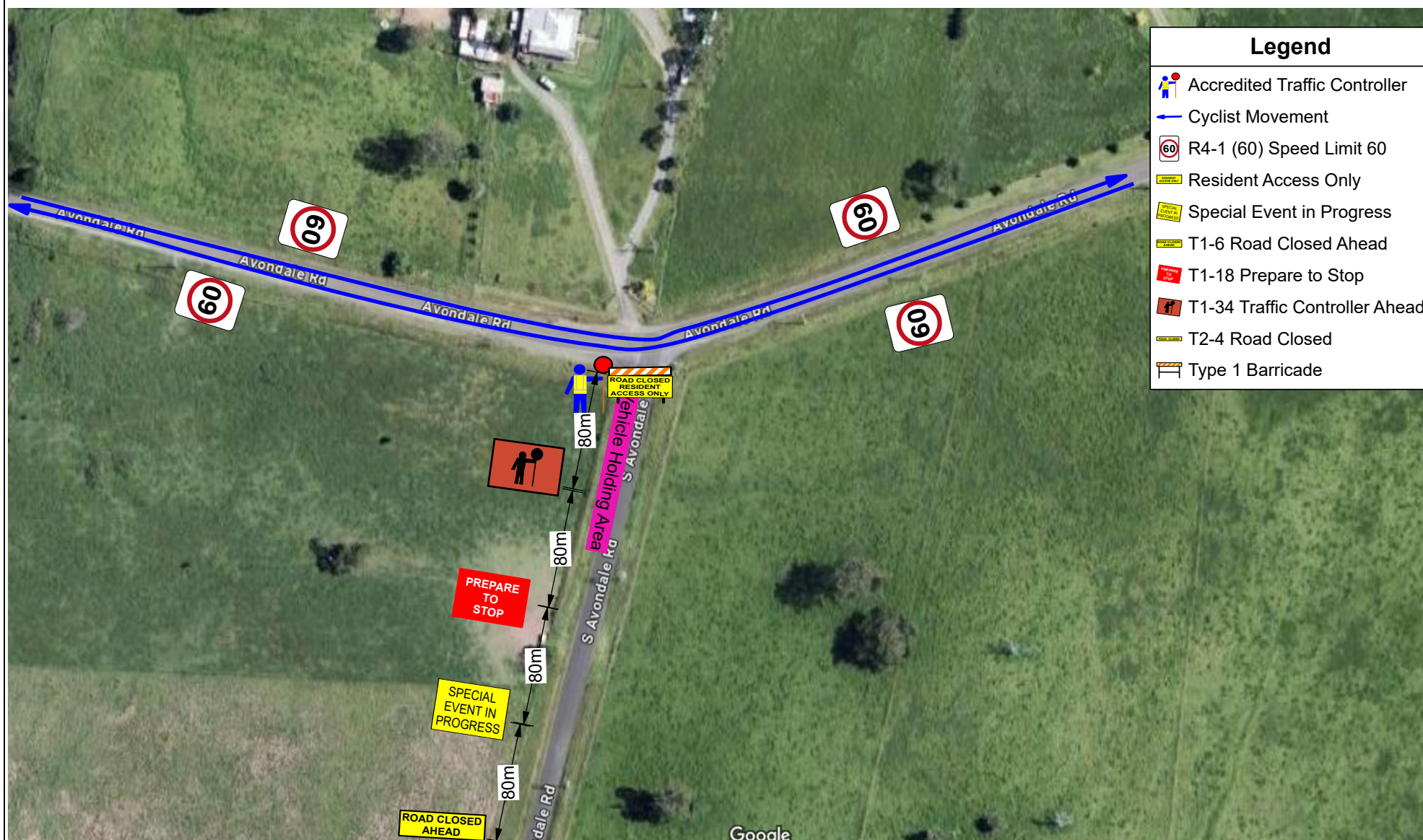
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

NSW SafeWork NSW		WORK HEALTH & SAFETY TRAFFIC CONTROL WORK	
Sarah HALLAM		D.O.B: 16/06/1987	
Card No: TCT0065734			
Date of Issue: 19/05/2017			
Type of traffic control work: PWZ IMP TCR			
NEW SOUTH WALES			



DATE: 7th September 2024	LOCATION: Avondale	COMMENTS:
ROAD TYPE: 2L,2W	CLIENT: Elite Energy	
ROAD SPEED: 50km	JOB DESCRIPTION: Cycling Crit	
TGS NUMBER: TGS-RW-SAT-2024 Plan 7	SCOPE OF WORKS: Cycling event	
TMP: Ride Wollongong 2024	COUNCIL: Wollongong City Council	
SIGNAGE CLASSIFICATION: A	DESIGNED BY: Sarah Hallam TCT0065734	



DATE: 7th September 2024

ROAD TYPE: 2L,2W

ROAD SPEED: 80km

TGS NUMBER: TGS-RW-SAT-2024 Plan 8

TMP: Ride Wollongong 2024

SIGNAGE CLASSIFICATION: A

LOCATION: Avondale

CLIENT: Elite Energy

JOB DESCRIPTION: Cycling Crit

SCOPE OF WORKS: Cycling event

COUNCIL: Wollongong City Council

DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:

Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

NSW SafeWork NSW WORK HEALTH & SAFETY TRAFFIC CONTROL WORK

Sarah HALLAM






Card No: TCT0065734 D.O.B: 16/06/1987

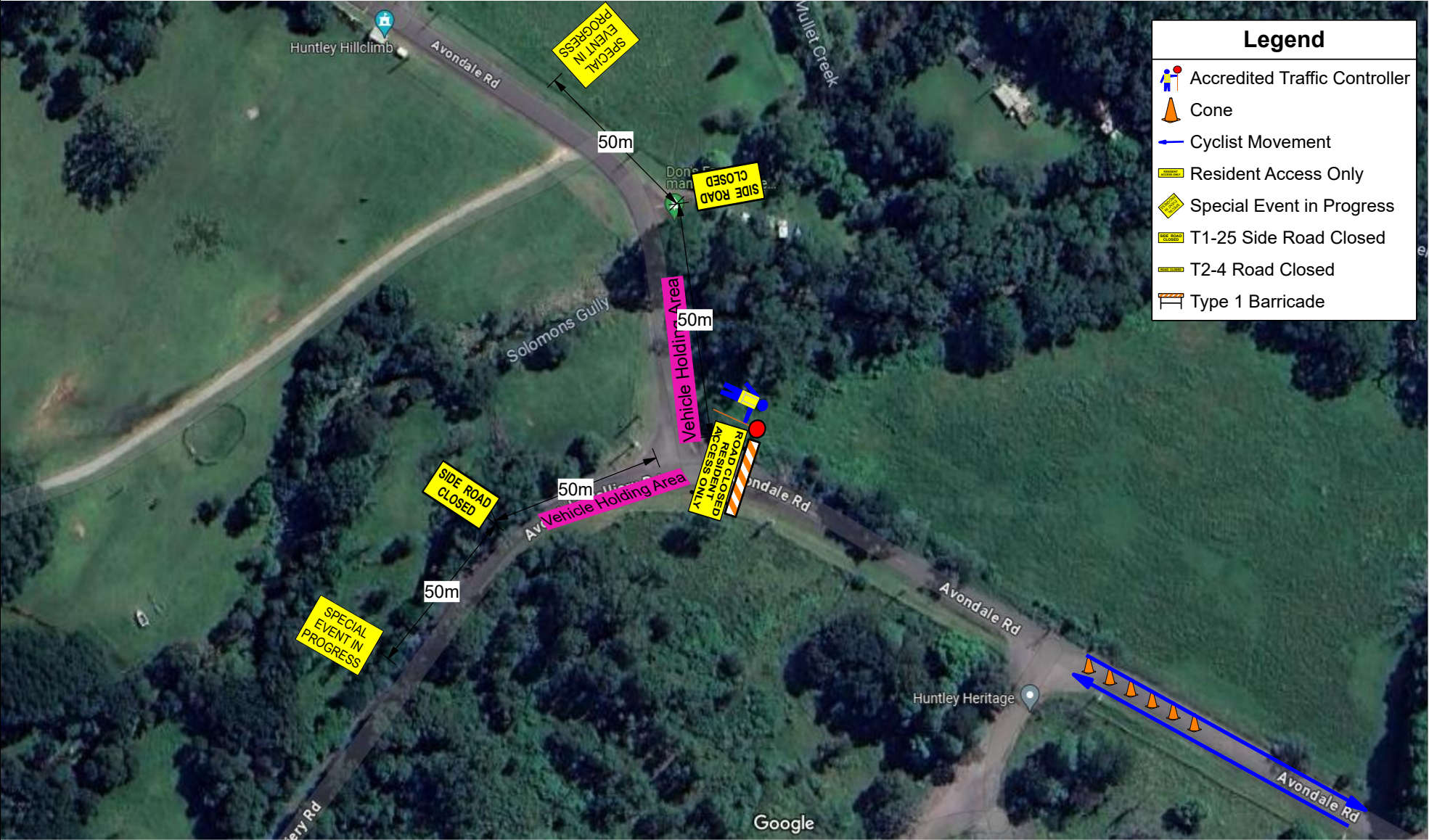
Date of Issue: 19/05/2017

Type of traffic control work: PWZ IMP TCR

NEW SOUTH WALES




DATE: 7th September 2024	LOCATION: Avondale	COMMENTS: Road Closure to be in place from 7.30am Resident Access ONLY . Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,	 SafeWork NSW				
ROAD TYPE: 2L,2W	CLIENT: Elite Energy						
ROAD SPEED: 80km	JOB DESCRIPTION: Cycling Crit						
TGS NUMBER: TGS-RW-SAT-2024 Plan 9	SCOPE OF WORKS: Cycling event						
TMP: Ride Wollongong 2024	COUNCIL: Wollongong City Council						
SIGNAGE CLASSIFICATION: A	DESIGNED BY: Sarah Hallam TCT0065734						



DATE: 7th September 2024
ROAD TYPE: 2L,2W
ROAD SPEED: 60km
TGS NUMBER: TGS-RW-SAT-2024 Plan 10
TMP: Ride Wollongong 2024
SIGNAGE CLASSIFICATION: A

LOCATION: Avondale
CLIENT: Elite Energy
JOB DESCRIPTION: Cycling Crit
SCOPE OF WORKS: Cycling event
COUNCIL: Wollongong City Council
DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

**NSW**
SafeWork NSW

**WORK HEALTH & SAFETY
TRAFFIC CONTROL WORK**

Sarah HALLAM
Card No: TCT0065734
Date of Issue: 19/05/2017
Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES

**eliteenergy**
MAKING EVENTS MEMORABLE

N




DATE: 7th September 2024
ROAD TYPE: 2L,2W
ROAD SPEED: 60km
TGS NUMBER: TGS-RW-SAT-2024 Plan 11
TMP: Ride Wollongong 2024
SIGNAGE CLASSIFICATION: A

LOCATION: Avondale
CLIENT: Elite Energy
JOB DESCRIPTION: Cycling Crit
SCOPE OF WORKS: Cycling event
COUNCIL: Wollongong City Council
DESIGNED BY: Sarah Hallam TCT0065734

COMMENTS:
Road Closure to be in place from 7.30am
Resident Access ONLY. Vehicles to park at holding area to be escorted via Motorbike marshals when safe to do so,

Sarah HALLAM

Card No: TCT0065734

Date of issue: 19/05/2017

Type of traffic control work: PWZ IMP TCR

D.O.B: 16/06/1987

NEW SOUTH WALES



8.11 105 Cooby Road, Tullimbar Stage 1 - Signage and Linemarking Plan

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the signage and linemarking plan for the proposed subdivision of 105 Cooby Road, Tullimbar Stage 1 plans (as shown in **Attachment 1**).

Background

Council has received the proposed signage plan for the subdivision of 105 Cooby Road, Tullimbar - Stage 1 (as shown in **Attachment 1**). The proposed signage plan includes the installation of a 'No Stopping' zone along the southern alignment of Coachwood Street (Road 1) between Bowral Crescent and Telopea Street. A review of the plan was conducted, and it is recommended that the following items be included (as shown in **Attachment 2**):

- the proposed 'No Stopping' zone be supplemented with yellow No Stopping (C3) linemarking
- the bend along Road 1 be delineated with double barrier (BB) linemarking from the tangent points of the bend, with C3 linemarking installed on the inner bend
- C3 linemarking be installed at the intersections of Road 1/Bowral Crescent, Road 2/Bowral Crescent and Road 1/Road 2
- 10m of BB linemarking be installed along Road 2

Financial / Resources Implications

If approved, works will be carried out and funded by the Applicant.

Legal and Policy Implications

Nil

Public / Social Impact

- Improved delineation of Coachwood Street (Road 1)
- Clearer delineation of available parking along Coachwood Street (Road 1)

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs

1.2.3.07 Maintain the City's road reserve infrastructure

2.2 We are a beautiful and connected City

2.2.2 Provide and promote a sustainable and integrated active travel and transport network

2.2.2.01 Develop strategies to improve transport connectivity across the City, focusing on active transport and advocacy

Consultation

Internal

Manager Floodplain and Transport (Acting)

Manager Compliance and Regulation

Principal Engineer - Development and Subdivision Certification

Road Safety Officer

External

Nil

Political Donations Disclosure

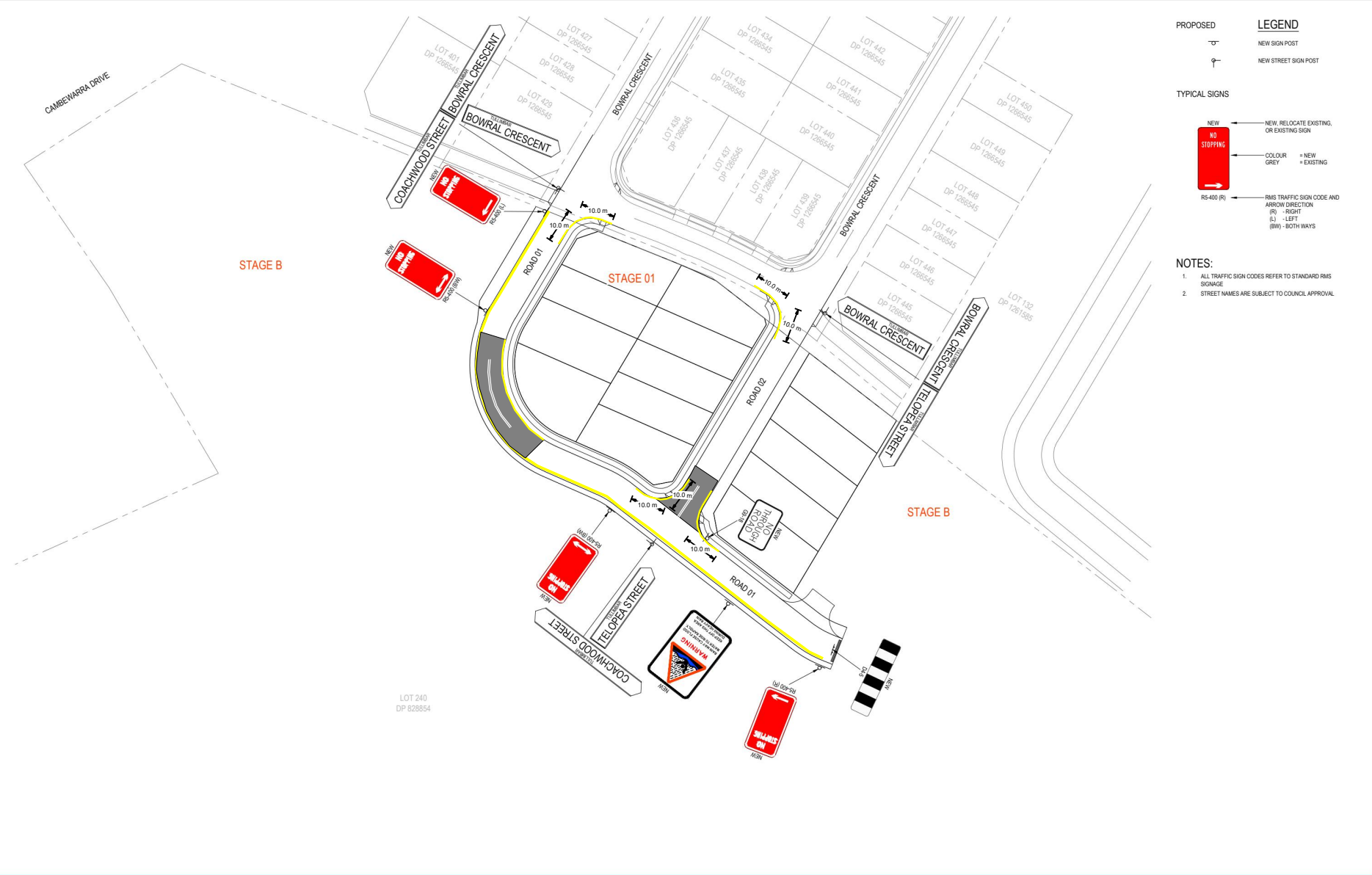
Not Applicable

Committee Recommendation

That Council approve the signage and linemarking plan for the proposed subdivision of 105 Cooby Road, Tullimbar Stage 1 plans (as shown in Attachment 2).

Attachments

1. Sign and line marking plan SWC0002-2024 Stage 1 105 Cooby Road
Tullimbar - CFT-460578
2. Amended Signage Plan



REV	DATE	DESCRIPTION	APP'D BY
4	11.04.24	ISSUED FOR APPROVAL	SCM JUN
3	27.02.24	ISSUED FOR APPROVAL	SCM JUN
2	15.12.23	ISSUED FOR APPROVAL	SCM JUN
1	15.12.23	ISSUED FOR INFORMATION	SCM JUN



DRAWN: S.McINNES	DESIGNED: S.McINNES	105 COOBY ROAD TULLIMBAR STAGE 01 LOCAL AREA TRAFFIC MANAGEMENT LAYOUT PLAN
DRAFT CHECK: S.WEATHERBY	DESIGN CHECK: S.WEATHERBY	
APPROVED: J.NICHOLLS		
FOR APPROVAL	DRAWING NUMBER: ISC00004-20-C1900	SHEET No: A1 ORIG. SIZE: A1 REVISION: 4

8.12 Terry Street, Albion Park - Signage and Linemarking Plan

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Stephanie Luo, Senior Transport Engineer

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the signage and linemarking plans as part of the road safety upgrade for Terry Street, Albion Park and adjoining streets (as shown in **Attachment 1** and **2**).

Background

The Southern Region crash statistics provided by Transport for NSW (TfNSW) between 01/07/2014 to 30/06/2019 illustrated 7 crashes in close proximity to each other (150m) on Terry Street, Albion Park. Since then, Council has conducted numerous site investigations with Transport for NSW representatives and conducted multiple rounds of community consultation on proposed designs to improve the road safety for motorists and active transport users. To address the concerns, a series of road safety improvements have been proposed for Terry Street and the surrounding streets to improve road safety for all road users. As part of the road safety upgrades, the following are proposed (as shown in **Attachment 1 and 2**) for:

Package A:

- 1 x roundabout at the intersection of Terry Street and Hughes Drive supplemented by central medians and pedestrian refuges on all approaches to the roundabout to reduce the severity and likelihood of motorised vehicle crashes and improve road safety for active transport users
- Footpaths along Terry Street (western alignment) and Wiley Street (northern alignment)
- Blister islands, kerb extensions and kerb ramps along Terry Street and Wiley Street to provide safe access for active transport users
- Wombat crossing at Wiley Street to facilitate safe access from the carpark to Terry Street
- Signage and linemarking along Terry Street, Hughes Drive and Wiley Street

Package B:

- CHR (Channelised Right Turn) along Terry Street into Simpson Parade
- Kerb ramps and pedestrian island at Simpson Parade
- Signage and linemarking along Terry Street and Simpson Parade

A further review of the designs and road environment highlighted a need for a left hand turn lane into Simpson Parade from Terry Street to separate vehicles travelling straight and those turning left (as shown in **Attachment 3**). The provision of a Basic Left Turn (BAL) lane would further improve the efficiency of the Channelised Right Turn (CHR) treatment along Terry Street as drivers would be able to better predict gaps in vehicles and clearly observe which vehicles were turning left.

Whilst Council has not been successful in securing the necessary grant funding for this project due to additional costs associated with the project, Council has been working on smaller road safety improvements in the area such as the pedestrian refuge at Simpson Parade which was constructed in May/June 2024 and funded under the Regional Road Block Grant. Council has again applied for grant funding to deliver Package A and Package B of the project under various grant funding programs. An update will be provided to the Committee should Council be successful in gaining the necessary grant funding.

Financial / Resources Implications

If approved, works will be carried out by Council and funded by the grant funding body (TBA) subject to the successful securement of the necessary grant funding.

Legal and Policy Implications

Nil

Public / Social Impact

- Improved road safety along Terry Street and adjoining streets for all road users
- Minor traffic delays and impacts during construction period

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

1.2.3 Construct and upgrade buildings and infrastructure that meet current and future community needs

1.2.3.07 Maintain the City's road reserve infrastructure

1.2.3.10 Maximise external grant funding opportunities for projects delivered within the infrastructure capital works program

2.2 We are a beautiful and connected City

2.2.2 Provide and promote a sustainable and integrated active travel and transport network

2.2.2.01 Develop strategies to improve transport connectivity across the City, focusing on active transport and advocacy

Consultation

Internal

Manager Floodplain and Transport (Acting)

Road Safety Officer

Senior Design Engineer

Design Officer

Asset Officer

Senior Asset Engineer

Capital Works and Design Manager

Manager Asset Planning

External

Community through Let's Chat page

Residents and businesses in close proximity to site

Premier Illawarra

Transport for NSW

Political Donations Disclosure

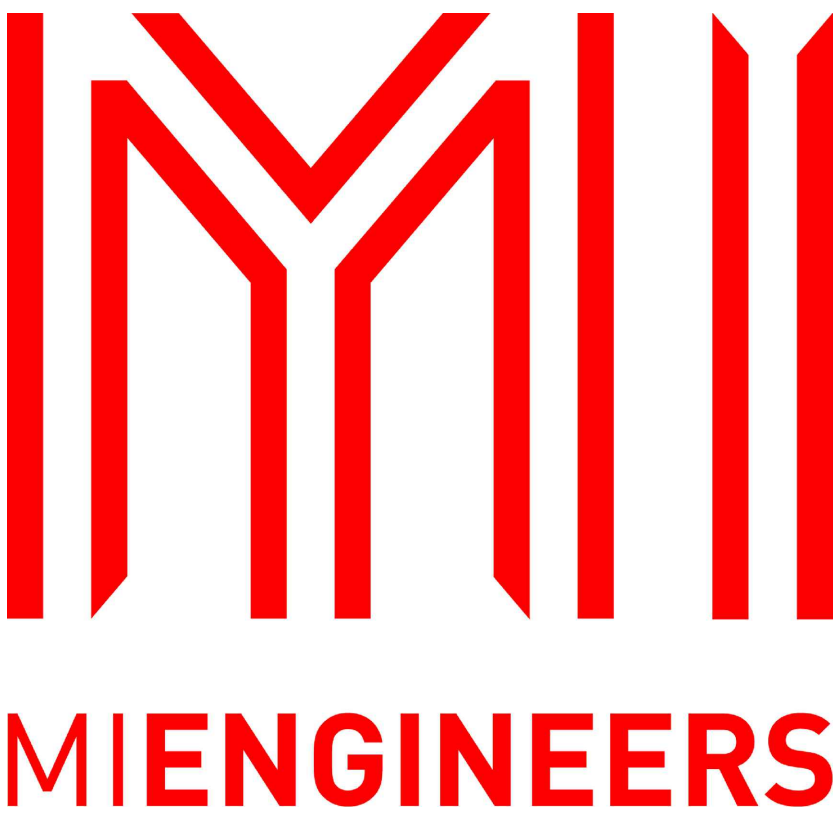
Not Applicable

Committee Recommendation

That Council approve the signage and linemarking plans as part of the road safety upgrade for Terry Street, Albion Park and the adjoining streets (as shown in Attachment 1, 2. and 3).

Attachments

1. Terry Street Design - Package A
2. Terry Street Design - Package B
3. Terry Street - Design Amendment



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Level 1, 83 - 89 Renwick Street, Redfern 2016
Tel (02) 8396 6565

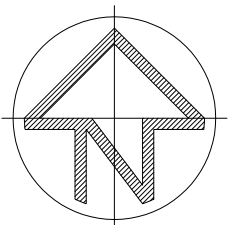
SOUTH COAST OFFICE
49 Berry Street, Nowra NSW 2541
Tel (02) 4423 0566

WOLLONGONG OFFICE
Suite 3, 128/134 Crown Street, Wollongong NSW 2500
Tel (02) 4423 0566

www.miengineers.com

ROAD SAFETY UPGRADE - PACKAGE A

INTERSECTION OF TERRY ST & HUGHES DR, WILEY ST TO SIMPSON PDE, ALBION PARK NSW 2527



APPROXIMATE AREA OF WORKS

DRAWING INDEX

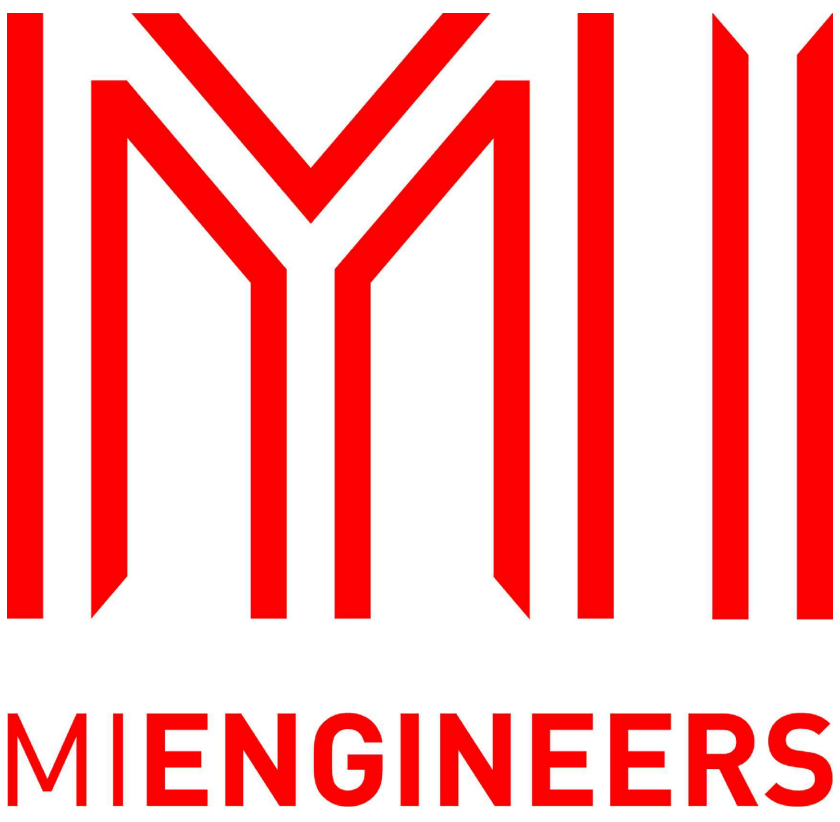
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- DN220219 CA02 NOTES SHEET
- DN220219 CA05 EXISTING SERVICES PLAN
- DN220219 CA06 DEMOLITION PLAN
- DN220219 CA10 GENERAL ARRANGEMENT PLAN
- DN220219 CA11 ALIGNMENTS PLAN
- DN220219 CA12 ALIGNMENT SETOUT TABLES
- DN220219 CA15 BUS STOP PLAN & DETAILS
- DN220219 CA20 TYPICAL CROSS SECTIONS SHEET
- DN220219 CA25 TYPICAL DETAILS SHEET 1
- DN220219 CA26 TYPICAL DETAILS SHEET 2
- DN220219 CA30 SIGNAGE & LINEMARKING PLAN
- DN220219 CA40 LANDSCAPING PLAN
- DN220219 CA51 SWEEP PATHS PLAN SHEET 1
- DN220219 CA52 SWEEP PATHS PLAN SHEET 2
- DN220219 CA53 SWEEP PATHS PLAN SHEET 3

LOCALITY PLAN
N.T.S.



REVISION	AMENDMENTS	DATE	CKD	APP	SURVEYOR: AXIOM SPATIAL SURVEYORS	CLIENT:	SYDNEY OFFICE 83 - 89 Renwick Street, Redfern NSW 2016 Tel (02) 8396 6565	THIS DRAWING AND THE CONCEPTS CONTAINED THEREIN ARE THE PROPERTY OF MI ENGINEERS. NO UNAUTHORISED COPYING IS PERMITTED. NOTHING IS TO BE CONSTRUCTED BASED ON THIS DRAWING, OR PART OF THIS DRAWING, WITHOUT THE WRITTEN PERMISSION OF MI ENGINEERS. DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER RELATED DESIGN DOCUMENTATION. FURTHERMORE, WHERE MIENGINEERS RELIES ON THE INFORMATION SUPPLIED BY OTHERS TO PRODUCE THE DESIGNS, WE ACCEPT NO LIABILITY FOR ERRORS, TO THE EXTENT THAT THE DESIGN HAS MADE RELIANCE ON THIS INFORMATION. MUST BE READ IN COLOUR	PROJECT : ROAD SAFETY UPGRADE - PACKAGE A INTERSECTION OF TERRY ST & HUGHES DR, WILEY ST TO SIMPSON PDE, ALBION PARK NSW 2527	DESIGNED: TR	DRAWN: JH	SCALE: -	SHEET SIZE: A1
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A	80% DESIGN ISSUE	10.10.22	RM	RM	HORIZONTAL DATUM: MGA-56								

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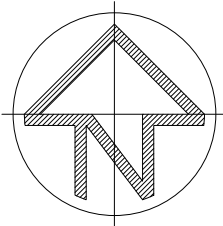
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Tel (02) 4423 0566

WOLLONGONG OFFICE
Suite 3, 128/134 Crown Street, Wollongong NSW 2500
Tel (02) 4423 0566

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ROAD SAFETY UPGRADE - PACKAGE B

INTERSECTION OF TERRY ST & HUGHES DR, WILEY ST TO SIMPSON PDE, ALBION PARK NSW 2527



APPROXIMATE AREA OF WORKS

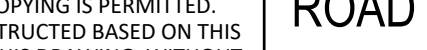
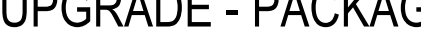
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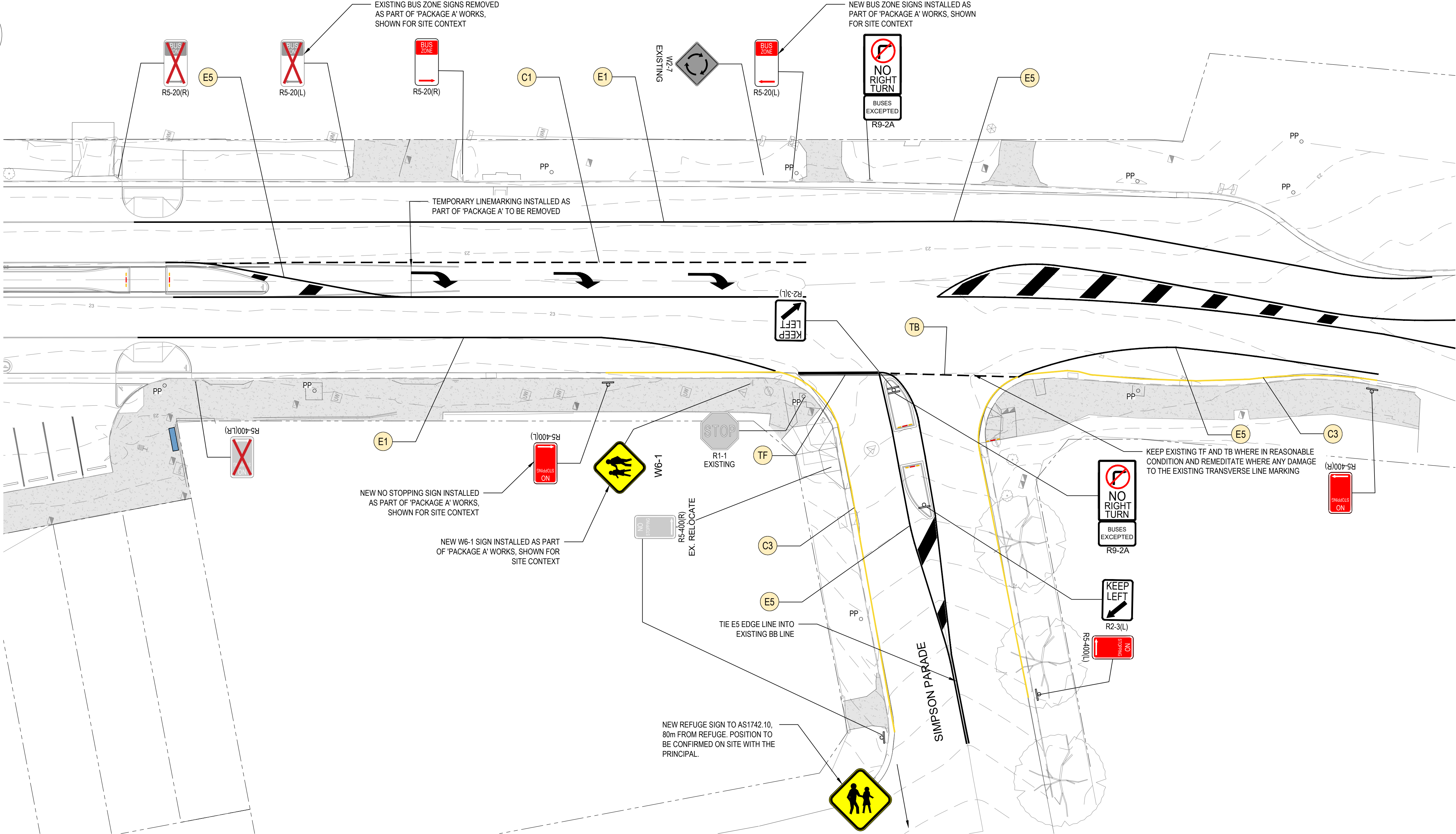
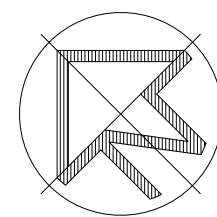
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- DN220219 CB05 EXISTING SERVICES PLAN
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- DN220219 CB25 TYPICAL DETAILS SHEET 1
- DN220219 CB26 TYPICAL DETAILS SHEET 2
- DN220219 CB30 SIGNAGE & LINEMARKING PLAN
- DN220219 CB40 LANDSCAPING PLAN
- DN220219 CB51 SWEEP PATHS PLAN SHEET

LOCALITY PLAN
N.T.S.

NOT FOR CONSTRUCTION



REVISION		AMENDMENTS		DATE	CKD	APP	SURVEYOR: AXIOM SPATIAL SURVEYORS	CLIENT:	SYDNEY OFFICE 83 - 89 Renwick Street, Redfern NSW 2016 Tel (02) 8396 6565		MIENGINEERS.COM	PROJECT :		DESIGNED:	DRAWN:	SCALE:	SHEET SIZE:	
B	100% DESIGN ISSUE			10.02.23	RM	RM	DATE OF SURVEY: 16.08.2022	 Shellharbour CITY COUNCIL	 MIENGINEERS	THIS DRAWING AND THE CONCEPTS CONTAINED THEREIN ARE THE PROPERTY OF MI ENGINEERS. NO UNAUTHORISED COPYING IS PERMITTED. NOTHING IS TO BE CONSTRUCTED BASED ON THIS DRAWING, OR PART OF THIS DRAWING, WITHOUT THE WRITTEN PERMISSION OF MI ENGINEERS. DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER RELATED DESIGN DOCUMENTATION. FURTHERMORE, WHERE MIENGINEERS RELIES ON THE INFORMATION SUPPLIED BY OTHERS TO PRODUCE THE DESIGNS, WE ACCEPT NO LIABILITY FOR ERRORS, TO THE EXTENT THAT THE DESIGN HAS MADE RELIANCE ON THIS INFORMATION. MUST BE READ IN COLOUR		ROAD SAFETY UPGRADE - PACKAGE B INTERSECTION OF TERRY ST & HUGHES DR, WILEY ST TO SIMPSON PDE, ALBION PARK NSW 2527		TR	JH/TR	-	A1	
A	80% DESIGN ISSUE			20.01.23	RM	RM	ORIGIN: -					DRAWING STATUS PRELIMINARY		DRAWING No. CB01				
							HEIGHT OF DATUM: AHD											
							HORIZONTAL DATUM: MGA-56											
												DRAWING NAME:	COVER SHEET	PROJECT No. DN220219	REVISION: B			



SIGNAGE & LINEMARKING PLAN
SCALE 1:200

SIGNAGE & LINE MARKING LEGEND

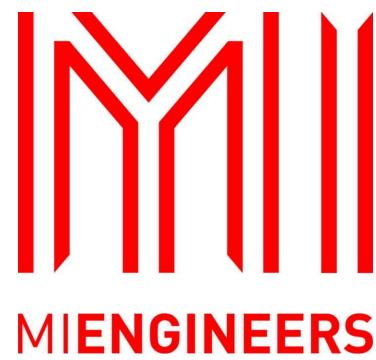
BB	LINE MARKING DELINEATION TYPE
R	RAISED PAVEMENT MARKER COLOUR
R RED	PAVEMENT MARKER COLOUR DELINEATION:
W WHITE	
Y YELLOW	
YY DOUBLE YELLOW	
	SIGNAGE - NEW
R5-400(LR)	
	SIGNAGE - EXISTING TO BE RETAINED
R5-400(LR) EXISTING	
	SIGNAGE - EXISTING TO BE RELOCATED
R5-400(LR) EX - RELOCATE	
	SIGNAGE - EXISTING TO BE REMOVED
R5-400(LR)	

NOTES

1. LINE MARKING TO COMPLY WITH AS1742 AND AUS-SPEC 1191.
2. SIGNAGE TO COMPLY WITH AS1742 AND AUS-SPEC 1192.



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B	100% DESIGN ISSUE	10.02.23	RM	RM	DATE OF SURVEY: 16.08.2022	<p>SYDNEY OFFICE 83 - 89 Renwick Street, Redfern NSW 2016 Tel (02) 8396 6565</p> <p>SOUTH COAST OFFICE 49 Berry Street, Nowra NSW 2541 Tel (02) 4423 0566</p> <p>WOLLONGONG OFFICE Suite 3a, 128-134 Crown Street, Wollongong NSW 2500 Tel (02) 4423 0566</p>
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PROJECT :	ROAD SAFETY UPGRADE - PACKAGE B INTERSECTION OF TERRY ST & HUGHES DR, WILEY ST TO SIMPSON PDE, ALBION PARK NSW 2527
DRAWING NAME:	SIGNAGE & LINEMARKING PLAN





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DRAWING STATUS	DRAWING No.		
PRELIMINARY	CB30		
PROJECT No.	REVISION:		
DN220219	B		



R	LINE MARKING DELINEATION TYPE
	RAISED PAVEMENT MARKER COLOUR
	PAVEMENT MARKER COLOUR DELINEATION
	R RED
	W WHITE
	Y YELLOW
	YY DOUBLE YELLOW

	SIGNAGE - NEW
RS-400(R)	
	SIGNAGE - EXISTING TO BE RETAINED
RS-400(R) EXISTING	
	SIGNAGE - EXISTING TO BE RELOCATED
RS-400(R) EX - RELOCATE	
	SIGNAGE - EXISTING TO BE REMOVED
RS-400(R)	

NOTES

1. LINE MARKING TO COMPLY WITH AS1742 AND AUS-SPEC 1191.
2. SIGNAGE TO COMPLY WITH AS1742 AND AUS-SPEC 1192.

SIGNAGE & LINEMARKING PLAN

SCALE 1:200



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M.I.E. BE READ IN CONJ. W/

PROJECT : ROAD SAFETY UPGRADE - PACKAGE B
INTERSECTION OF TERRY ST & HUGHES DR,
WILEY ST TO SIMPSON PDE, ALBION PARK NSW 2527

DRAWING NAME:

SIGNAGE & LINEMARKING PLAN



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DRAWING STATUS: PRELIMINARY		DRAWING No. CB30	
PROJECT No. DN220219		REVISION: B	

8.13 State Highway 25 Illawarra Highway (Tongarra Road) and Church Street, Albion Park - Proposed Traffic Control Signals, signage and linemarking plan

To the Chief Executive Officer

Directorate: Infrastructure Services

Business Unit: Technical and Recreation Services

Author: Wayne Wilson, Manager Floodplain and Transport (Acting)

Approver: Matthew Apolo, Executive Manager Technical and Recreation Services

Summary

The purpose of this report is to seek endorsement from the Committee for the proposed Traffic Control Signals and associated signage and linemarking at the junction of Tongarra Road and Church Street, Albion Park (as shown in Attachments 1 and 2).

Background

Transport for NSW has assessed the Traffic Control Signal design (as shown on **Attachment 1**) for the junction of Tongarra Road and Church Street, Albion Park and is now seeking Council's concurrence to the proposed signposting and linemarking amendments in accordance with the approval process as shown in the extract below.

2. Prior to commencing works within the road reserve, the developer must:

- a) Provide written evidence to TfNSW from Shellharbour City Council confirming that Council is satisfied that the impacts of the submitted design have been fully considered under Part 4 of the Environmental Planning and Assessment Act 1979 (e.g. whether the existing Part 4 approval covers the revised design).*
- b) Develop and implement a community information strategy about the works, in consultation with, and to the satisfaction of TfNSW .*

The Traffic Control Signal concept design (as shown on **Attachment 2**) shows that kerbside parking restrictions will be required along the northern alignment of Tongarra Road between 262 and 274 and along the southern alignment of Tongarra Road between 255 and 257 Tongarra Road. Furthermore, additional kerbside parking restrictions will be required on Church Street.

The geometry of the junction will also require that the left turn from Tongarra Road into Church Street will be restricted to vehicles under 6 metres.

Council's Manager Floodplain and Transport has approached those residents impacted on Thursday 27 June 2024 to seek their feedback on the proposal with 1 resident voicing concerns regarding access to their property from the left turn lane into Church Street.

Financial / Resources Implications

This project is jointly funded between Council and developer contributions.

Legal and Policy Implications

Nil

Public / Social Impact

The installation of Traffic Control Signals requires the removal of kerbside parking on the approach and departure of the traffic control signals. The impacted properties do have adequate off-street parking.

Link to Community Strategic Plan

This report supports the following objectives, strategies and actions of the Community Strategic Plan:

1.2 We are a liveable community

- 1.2.1 Inclusive, accessible and safe spaces for our entire community
- 1.2.2 Promote healthy living and high-quality public spaces that are well maintained and activated

2.2 We are a beautiful and connected City

- 2.2.2 Provide and promote a sustainable and integrated active travel and transport network
- 2.2.3 Facilitate development in the City that considers the current and future needs of our community

Consultation

Internal

Road Safety Officer
Manager Compliance and Regulation

External

Local residents between 262 and 274 and between 255 and 257 Tongarra Road.

Political Donations Disclosure

Not Applicable

Committee Recommendation

That Council approve the signage and linemarking plans for the proposed Traffic Control Signals at the junction of Tongarra Road and Church Street, Albion Park (as shown in Attachment 1 and 2).

Attachments

1. Tongarra Road and Church Street Albion Park - Proposed Traffic Control Signals 1501_TR_C01-C03_C
2. Tongarra Road at Church Street Albion Park concept signage and linemarking plan.

PROPOSED SIGNALISED INTERSECTION
TONGARRA ROAD AND CHURCH STREET, ALBION PARK
CONCEPT CIVIL PLANS
BALMORAL PARADE PTY. LTD.



LOCALITY SKETCH
1:2,000 @ A1

LEGEND PROPOSED

- STORMWATER PIPE
- GRATED PIT
- JUNCTION PIT
- KERB INLET PIT
- SEDIMENT FENCE
- SEDIMENT TRAP
- TEMPORARY CONSTRUCTION EXIT
- PAVEMENT LEVEL
- CONTOURS
- CATCHMENT BOUNDARY
- EDGE STRIP
- KERB & GUTTER
- LAYBACK KERB & GUTTER
- RETAINING WALL
- SUBSOIL DRAINAGE
- SIGNPOST

LEGEND EXISTING

- STORMWATER LINE
- STORMWATER PIT
- WATER LINE
- SEWER LINE
- TELSTRA LINE
- EXISTING SPOT LEVEL
- EXISTING CONTOURS
- GAS LINE
- ELECTRICAL LINE

SERVICES ARE SHOWN INDICATIVE ONLY. CONTRACTOR TO CONFIRM ALL SERVICE LOCATIONS PRIOR TO CONSTRUCTION

DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM THIS SET OF PLANS

GENERAL NOTES

- G1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SHELLHARBOUR DEVELOPMENT CODE AND TO THE REQUIREMENTS OF COUNCIL'S AUTHORISED OFFICER.
- G2. INSPECTIONS BY THE AUTHORISED OFFICER SHALL BE CARRIED OUT AT THE FOLLOWING STAGES:
 - (a) PRIOR TO INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES
 - (b) PRIOR TO BACKFILLING PIPELINES, SUBSOIL DRAINS, TRENCH BEDDING AND DAMS
 - (c) PRIOR TO CASTING OF PITS AND OTHER CONCRETE STRUCTURES, INCLUDING KERB AND GUTTER
 - (d) PROOF ROLLER TEST OF SUBGRADE AND SUB-BASE
 - (e) ROLLER TEST OF COMPLETED PAVEMENT PRIOR TO PLACEMENT OF WEARING COURSE
 - (f) FORMWORKS PRIOR TO POURING CONCRETE IN PARKING AREA FOR FOOTPATH CROSSING AND OTHER ASSOCIATED WORK
 - (g) PRIOR TO BACKFILLING PUBLIC UTILITY CROSSINGS IN ROAD RESERVES
 - (h) PRIOR TO PLACEMENT OF ASPHALTIC CONCRETE
 - (i) FINAL INSPECTION AFTER ALL WORKS ARE COMPLETED AND 'WORKS AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL.
- G3. NO TREES TO BE REMOVED UNLESS APPROVAL IS GRANTED BY COUNCIL.
- G4. MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS
- G5. NO WORK TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNER.
- G6. VEHICULAR ACCESS AND ALL SERVICES TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION.
- G7. ALL RUBBISH, BUILDINGS, SHEDS AND FENCES TO BE REMOVED TO SATISFACTION OF COUNCIL'S ENGINEER AT COMPLETION OF WORKS.
- G8. A TRAFFIC CONTROL PLAN IS TO BE SUBMITTED TO COUNCIL WITH A SECTION 138 APPLICATION PRIOR TO COMMENCEMENT OF WORKS.
- G9. ALL FILL AREAS ARE TO BE INSPECTED BY A GEOTECHNICAL ENGINEER PRIOR TO STRIPPING AND ANY RECOMMENDATIONS REGARDING TREATMENT OF SALINE AFFECTATION ARE TO BE IMPLEMENTED.
- G10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF THE LOCATION OF ANY EXISTING SERVICES AFFECTING THE WORKS AREA, ANY DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTORS COST.

EARTHWORKS NOTES

- E1. EARTHWORKS TO BE CARRIED OUT TO THE SATISFACTION OF THE PCA AND GEOTECHNICAL ENGINEER. UNSOUND MATERIALS ARE TO BE REMOVED FROM ROADS AND LOTS PRIOR TO FILLING. THE CONTRACTOR IS TO ARRANGE AND MAKE AVAILABLE COMPACTION CERTIFICATES WHERE REQUIRED.
- E2. WHERE THE SLOPE OF THE NATURAL SURFACE EXCEEDS ONE IN FOUR (1:4), BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE PCA AND GEOTECHNICAL ENGINEER.
- E3. ALL BATTERS ARE TO BE SCARPED TO ASSIST WITH ADHESION OF TOP SOIL TO BATTER FACE.
- E4. PROVIDE MINIMUM 150mm AND MAXIMUM 300mm TOPSOIL WITH GRASS SEEDING ON FOOTPATHS, FILLED AREAS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION.
- E5. THE CONTROL TESTING OF EARTHWORKS SHALL BE IN ACCORDANCE WITH THE GUIDELINES IN AUSTRALIAN STANDARD 3798 - 2007. WHERE IT IS PROPOSED TO USE TEST METHOD AS1289 E8.1 OR AS1289 E8.2 TO DETERMINE THE FIELD DENSITY, A SAND REPLACEMENT METHOD SHALL BE USED TO CONFIRM THE RESULTS AS DIRECTED BY COUNCIL. THE GEOTECHNICAL TESTING AUTHORITY SHALL HAVE A LEVEL 1 RESPONSIBILITY FOR ALL FILLING AS DEFINED IN APPENDIX B AS 3798-2007, AND AT THE END OF THE WORKS SHALL CONFIRM THE EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION AND DRAWINGS.
- E6. THE CONTRACTOR SHALL CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING CONSTRUCTION IN ACCORDANCE WITH MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION VOLUME 1 (LANDCOM 2004) AND MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION VOLUME 2 (DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE 2007).

ROADWORKS NOTES

- R1. SUBGRADE, SUB-BASE, AND BASE TO BE COMPACTED IN ACCORDANCE WITH SHELLHARBOUR DEVELOPMENT CODE.
- R2. SUBSOIL DRAINS TO BE PROVIDED ON BOTH SIDES OF ROADS (EXCEPT WHERE THERE IS STORM WATER DRAINAGE).
- R3. 150 X 50 H.D. GALVANISED STEEL KERB OUTLETS TO BE PLACED IN LAYBACK KERB AND 90mm DIA. GALVANISED STEEL PIPE SECTION TO BE PLACED IN UPRIGHT KERB ON LOW SIDE OF LOTS. PROVIDE SUITABLE ADAPTOR TO ALLOW CONNECTION OF 90mm DIA. STORM WATER PIPE.
- R4. TEMPORARY SEAL IS TO FINISH FLUSH OR ABOVE LIP OF GUTTER NOT BELOW LIP.
- R5. PERAMBULATOR CROSSINGS TO BE PROVIDED IN ALL KERB RETURNS OR WHERE REQUIRED BY COUNCIL.
- R6. SERVICE CONDUITS TO BE PLACED AS DIRECTED BY ENDEAVOUR ENERGY, TELECOMMUNICATIONS AND AS REQUIRED BY THE SYDNEY WATER.
- R7. PROPOSED SERVICES CROSSING EXISTING ROADS SHALL BE THRUST BORED UNDER THE ROAD SO AS NOT TO DAMAGE EXISTING SURFACE.
- R8. ALL ROADS MUST BE SEALED WITH 40mm AC10. REFER TO SHEET 08 FOR PAVEMENT DEPTHS.
- R9. SIGNPOSTING AND LINEMARKING TO CONFORM WITH AS1742.2 RAISED RETRO- REFLECTIVE PAVEMENT MARKERS TO CONFORM WITH AS1906.
- R10. STREET SIGNS TO COMPLY WITH COUNCIL'S SPECIFICATION FOR STREET NAME SIGNS AND MUST BE INSTALLED BY THE DEVELOPER.
- R11. ALL LEVELS ARE TO BE SET OUT FROM ESTABLISHED STATE SURVEY MARKS.

STORMWATER NOTES

- S1. ALL PIPES TO BE SPIGOT AND SOCKET, RUBBER RING JOINTED. ALL PIPES IN ROAD RESERVES (OTHER THAN ROOF WATER AND SUBSOIL) ARE TO BE STEEL REINFORCED CONCRETE PIPES.
- S2. ALL LONGITUDINAL PIPELINES IN ROAD MUST BE LATED UNDER KERB AND GUTTER AND BE BACKFILLED WITH 7mm AGGREGATE WHERE 10-15% OF FINES IS ALLOWABLE UNLESS OTHERWISE INDICATED ON PLANS AND APPROVED BY COUNCIL.
- S3. DRAINAGE LINES MUST BE BACKFILLED AS PER SHELLHARBOUR DEVELOPMENT CODE. THREE (3) METRES OF AGLINE WRAPPED IN GEOTECH STOCKING MUST BE PROVIDED TO ALL DOWNSTREAM PITS.
- S4. ALL GULLY PITS TO COUNCIL'S STANDARD AND LINTEL'S CENTRALLY PLACED AT SAG PITS.
- S5. ALL PITS MUST BE BENCHED AND STREAMLINED. PROVIDE SL72 REINFORCEMENT AND STEP IRONS IN ALL PITS OVER 12M DEEP.
- S6. CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 25 MPA AT 28 DAYS UNLESS SPECIFIED OTHERWISE BY COUNCIL ENGINEER.
- S7. ALL INTER ALLOTMENT DRAINAGE MUST HAVE A MINIMUM COVER OF 300mm TO THE TOP OF PIPE UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S8. CATCH DRAINS MUST BE CONSTRUCTED AS PER SWMP.
- S9. ALL COMMON DRAINAGE LINES MUST BE LAID CENTRALLY WITHIN 1.2m-3.0m EASEMENTS. CLEANING EYES MUST BE PROVIDED IMMEDIATELY DOWNSTREAM OF ALL SLOPE JUNCTIONS.
- S10. ONE HUNDRED (100) YEAR OVERLAND FLOW PATHS MUST BE FORMED AND SHOWN ON WORK AS EXECUTED DRAWINGS.
- S11. ADEQUATE PROVISION TO BE MADE FOR SCOURING AND SEDIMENTATION TO ALL DRAINAGE WORKS IN ACCORDANCE WITH SHELLHARBOUR DEVELOPMENT CODE.
- S12. COMMON DRAINAGE LINES MUST BE INSTALLED AFTER SEWERAGE LINES HAVE BEEN INSTALLED WHERE SEWER IS PROPOSED ADJACENT TO INTER ALLOTMENT.
- S13. ALL STORMWATER LINES ARE TO HAVE A CCTV REPORT PROVIDED AFTER THE APPROVAL OF THE FINAL LAYER OF PAVEMENT.

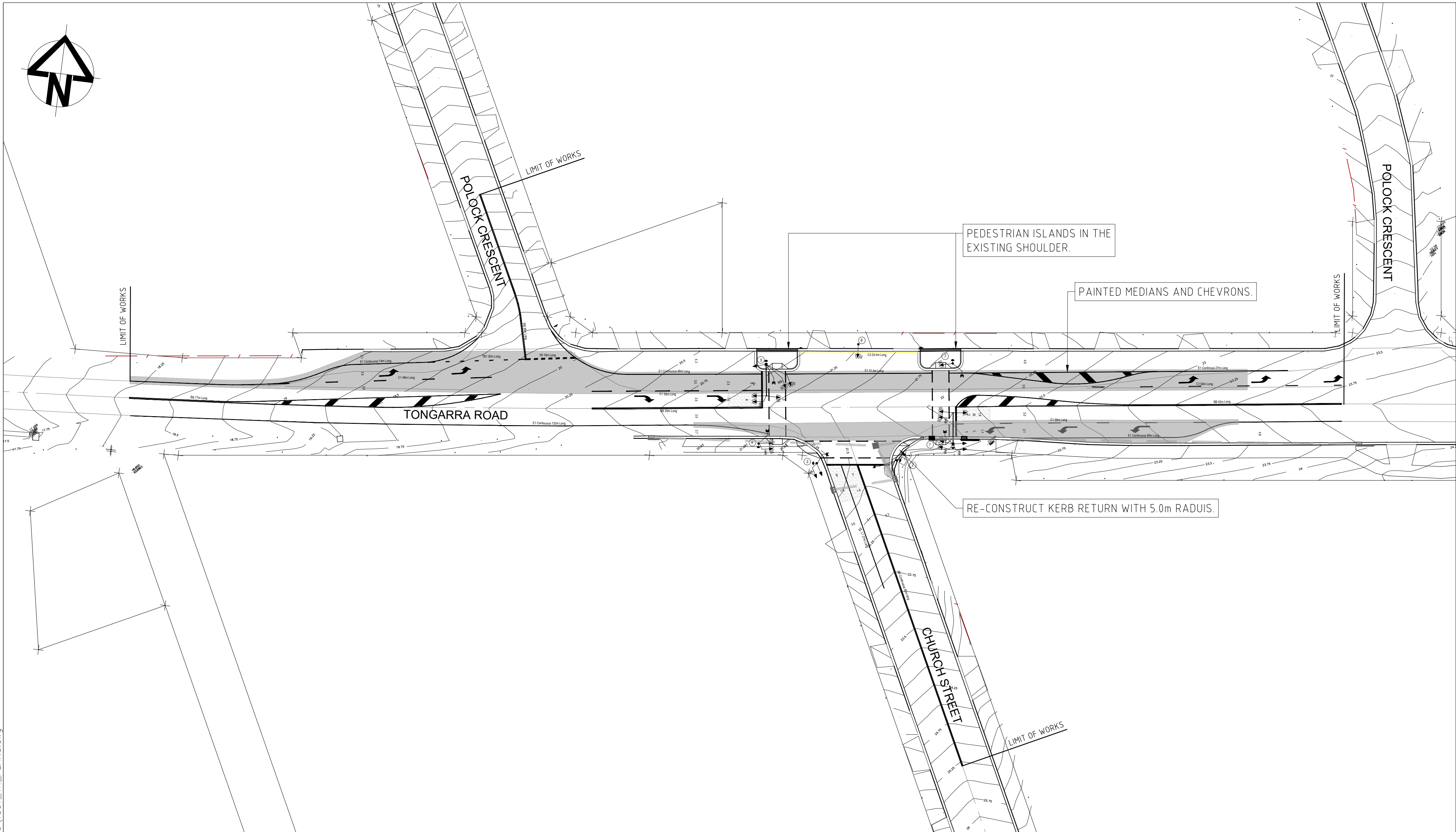
GEOTECHNICAL NOTES

- G1. THE CONTRACTOR SHALL IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY, AND TO THE SATISFACTION OF COUNCIL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND DURING CONSTRUCTION SEE SWMP.
- G2. TESTS SHALL BE UNDERTAKEN ON ANY PROPOSED FILL MATERIALS TO ENSURE THAT THEY DO NOT HAVE A HIGH DISPERSION POTENTIAL AS DEFINED BY EMERSON CRUMB/DISPERSION TESTS (AS1289 C8-1980).
- G3. ALL FILLING AND PAVEMENT CONSTRUCTION MUST BE UNDERTAKEN TO THE REQUIREMENTS OF AS3798-2007 THE FOLLOWING COMPACTION LEVELS ARE RECOMMENDED:


LOT FILLING	98%	STANDARD
ROAD SUB-GRADE	100%	STANDARD
ROAD SUB-BASE	95%	MODIFIED
ROAD BASE	98%	MODIFIED
- G4. ALL TESTING WORKS SHALL BE CONTROLLED AND CERTIFIED BY A N.A.T.A REGISTERED LABORATORY. A COLLATED COPY OF ALL TEST CERTIFICATES, ACCOMPANIED BY AN OVERALL SITE PLAN, CLEARLY INDICATING THE LOCATION OF EACH TEST AND FILL AREAS ETC, AND THE LABORATORY CERTIFICATE COVERING THE WHOLE OF THE AREA TESTED ARE TO BE FORWARDED TO COUNCIL UPON COMPLETION.
- G5. FINAL PAVEMENT THICKNESS TO BE DETERMINED AFTER BOXING OUT BY JOINT INSPECTION BY N.A.T.A REGISTERED LABORATORY AND COUNCIL'S ENGINEER. PAVEMENT REPORT TO BE AVAILABLE TO COUNCIL A MINIMUM OF TWO CLEAR DAYS PRIOR TO INSPECTION.

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REVISIONS	No.	DESCRIPTION	DRN	APP	DATE	<div><div><div><div></div></div><div>siteplus</div><div>Site Plus Pty Ltd ABN 73 104 315 085</div></div><div><div>engineering</div><div>landscape</div><div>design</div><div>survey</div><div>planning</div><div>management</div></div></div> <div><div>WETHERILL PARK OFFICE</div><div>Suite 104, Level 1 447 Victoria Street Wetherill Park NSW 2164 T 61 2 4227 4233 E info@siteplus.com.au</div></div> <div><div>HEAD OFFICE</div><div>345 Kerra Street Wollongong NSW 2500 PO Box 5104 Wollongong NSW 2520 T 61 2 4227 4233 F 61 2 4227 4133 E info@siteplus.com.au</div></div>	Height Datum	A.H.D	Client Title		Dwg Title	Ref & Dwg No
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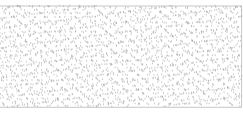


INTERSECTION CIVIL WORKS PLAN

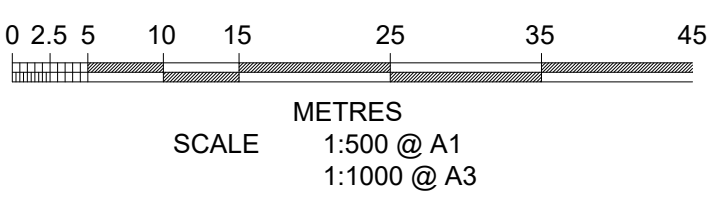


FULL PAVEMENT CONSTRUCTION AS PER DOUGLAS PARTNERS REPORT.
(PROJECT No.89324.10 DOCUMENT No.R.001 DATED 18 DECEMBER 2018)
PAVEMENT CONSISTING OF:


- 50mm THICKNESS OF AC14 WEARING COURSE WITH 7mm PRIMER SEAL.
- 285mm THICKNESS OF AC20 DEEP LIFT ASPHALT. LAID IN THREE (3) 95mm LAYERS.
- 150mm THICK BASE (GRANULAR) TO AUSTRROADS STANDARD (CBR > 50%, PI<12%).

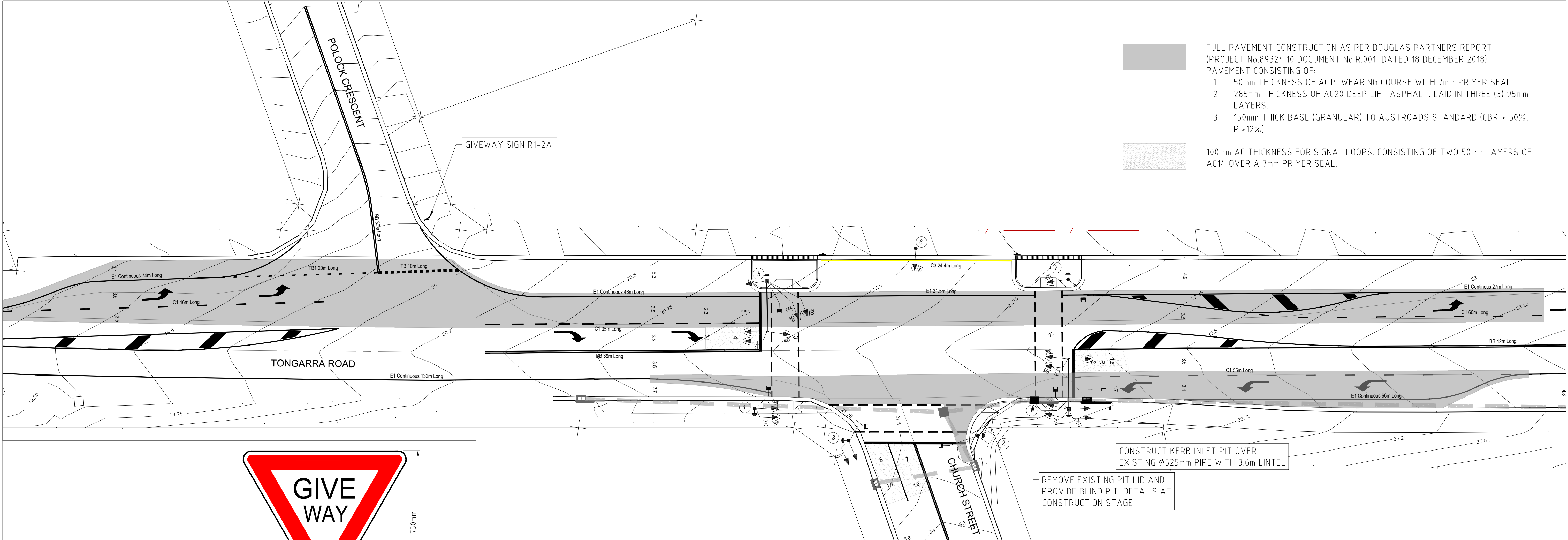


100mm AC THICKNESS FOR SIGNAL LOOPS. CONSISTING OF TWO 50mm LAYERS OF AC14 OVER A 7mm PRIMER SEAL.



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	B	REVISED TO TFNSW COMMENTS.	A.C.	A.C.			A.C.			TONGARRA ROAD AND CHURCH STREET		Sheet No		
	C	REVISED ROAD LABELS.	A.C.	A.C.			A.C.			ALBION PARK		Sheet 02 of 03		
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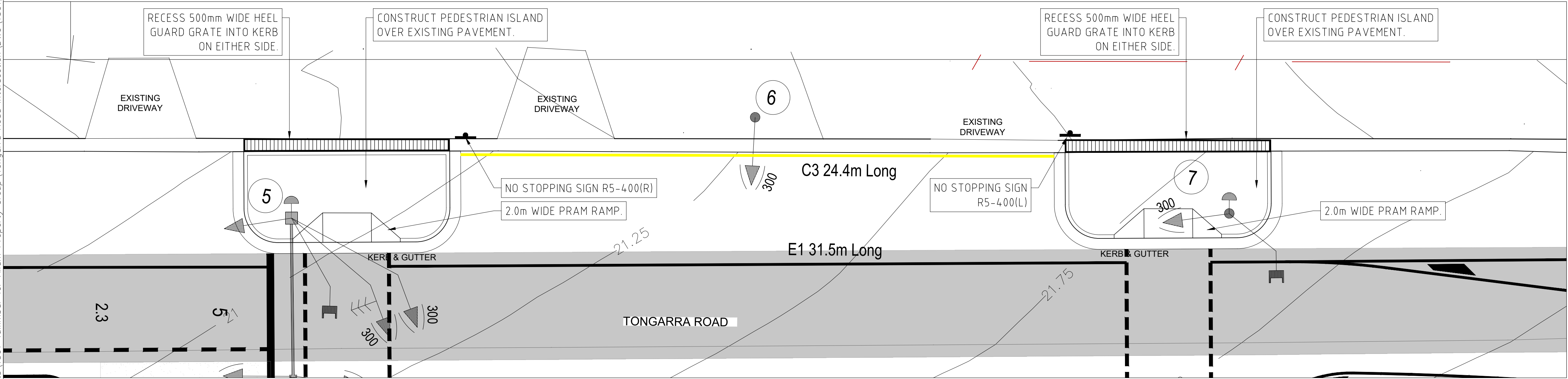
GIVE WAY SIGN
NOT TO SCALE

INTERSECTION DETAIL PLAN

SCALE 1:250

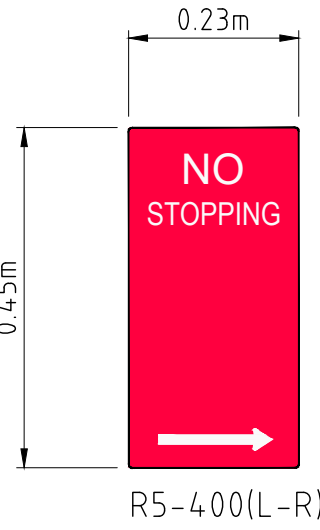
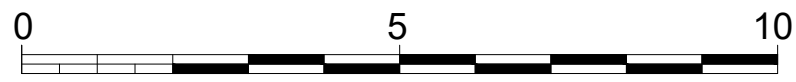


Meters
SCALE: -1:250 @A1
-1:300 @A3



INTERSECTION DETAIL PLAN

SCALE 1:100



NO STOPPING
NOT TO SCALE

REVISIONS	No.	DESCRIPTION	DRN	APP	DATE	<div><div><div><div></div><div></div></div><div>siteplus</div><div>Site Plus Pty Ltd ABN 73 104 315 085</div></div><div><div><div>engineering</div><div>landscape</div><div>design</div><div>survey</div><div>planning</div><div>management</div></div></div></div> <div><div>WETHERILL PARK OFFICE</div><div>Suite 104, Level 1 447 Victoria Street Wetherill Park NSW 2164 T 61 2 4227 4233 E info@siteplus.com.au</div></div> <div><div>HEAD OFFICE</div><div>345 Keira Street Wollongong NSW 2500 PO Box 5104 Wollongong NSW 2520 T 61 2 4227 4233 F 61 2 4227 4133 E info@siteplus.com.au</div></div>						Height Datum	A.H.D	Client Title	PROPOSED SIGNALISED INTERSECTION TONGARRA ROAD AND CHURCH STREET		Ref & Dwg No	1501.WAD.C03					
	A	PRELIMINARY ISSUE.	A.C.	A.C.								Drawn	A.C.	Dwg Status	CONCEPT	Local Authority	SHELLHARBOUR	INTERSECTION DETAILS	Date	14.04.21	Rev	C	A1
	B	REVISED TO TFNSW COMMENTS.	A.C.	A.C.								Designed	A.C.										
	C	REVISED ROAD LABELS.	A.C.	A.C.								Checked											



Printed: 15/05/2024

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9. Items for Information

9.1. Police Matters

Item for Information

Can Police please note the following items, raised by the community for potential future patrols:

No. of Reports	Street/Location	Suburb	Report Type
3	Bradman Avenue	WARILLA	Trail bikes speeding and hooning
1	Benaud Crescent	WARILLA	Speeding and hooning
1	William Avenue	WARILLA	Speeding and hooning
1	Peterborough Avenue	LAKE ILLAWARRA	Speeding and hooning
1	King Street (near Addison Avenue)	LAKE ILLAWARRA	Speeding and hooning
1	Madigan Boulevard	MOUNT WARRIGAL	Speeding
2	Blackbutt Forest Reserve	BLACKBUTT	Trail bikes speeding and hooning
1	College Avenue	SHELLHARBOUR CITY CENTRE	Speeding
1	Universal Avenue	DUNMORE	Speeding
1	Sophia Street	ALBION PARK	Speeding
1	Crest Road	ALBION PARK	Speeding
1	Kevin Road	ALBION PARK	Speeding
1	Church Street	ALBION PARK	Speeding and hooning
1	Durgadin Drive	ALBION PARK RAIL	Speeding
1	Coral Tree Crescent	CALDERWOOD	Speeding

Attachments

None

9.2. Traffic Committee Item Register

Item for Information

Attachment 1 provides a register of the minuted actions and their status for the items endorsed at previous Traffic Committee meetings. This register will be reported for information to future Traffic Committee meetings and once marked as complete, those actions will be removed from future reports.

Attachments

1. Status of Traffic Committee Item Register

Meeting	Item	Business Paper Item	Status
6 September 2023	8.1	Calderwood Road and Adjoining Streets - Installation of Load Limit Signage	To be advised
1 November 2023	8.3	McCabe Street, Warilla North Public School - Removal of Flag Crossing	Complete
7 February 2024	8.2	Airport Road, Albion Park Rail - Proposed 'No Stopping' restrictions	Complete
6 March 2024	8.4	Benson Avenue, Shellharbour City Centre - Extension of Existing No Stopping Zone	Complete
3 April 2024	8.2	Barrack Avenue, Barrack Heights - Extension of timed Bus Zone 12- 14 Barrack Avenue	To be advised
1 May 2024	8.2	Pine Street at Ash Avenue, Albion Park Rail - Stop sign, Mail Zone, No Stopping zones and associated linemarking	To be advised
	8.3	Queen Street, Lake Illawarra – Timed Parking	To be advised
5 June 2024	8.1	Stephanie Avenue, Veronica Street and Commerce Drive, Warilla Intersection - Installation of Signage and Linemarking	To be advised
	8.2	Calderwood Heights, Calderwood - Stage 1 Signage and Linemarking Plans	To be delivered by Developer
	8.3	Calderwood Town Centre - Signage and Linemarking Plan	To be delivered by Developer
	8.4	Shearwater Boulevard, Albion Park Rail - Signage and Linemarking Plans	Future Capital Works project
	8.5	Captain Cook Drive and Hunter Street, Barrack Heights - Installation of No Stopping Zone	To be advised

9.3. Local Government Road Safety Program Funding 2024/2025

Item for Information

The purpose of this report is to inform the Committee that Shellharbour City Council has been advised by Transport for NSW (TfNSW) that road safety funding applications for the 2024/2025 financial year were successful.

The South Region Community Partnering team of TfNSW thanked Council for their continued support of the Local Government Road Safety Program and look forward to working with Council in supporting the delivery of road safety outcomes in the Shellharbour Local Government Area in accordance with Council's Road Safety Action Plan.

TfNSW confirmed funding of \$86,059.66 (100% of project funding and 50% contribution to the Road Safety Officer position) for the following programs:

TfNSW Project Number	Project Description	2024/25 TfNSW funding allocation
	Program Management - Road Safety Officer Position	\$62,444.66
P-3815	Enhances School Zone Signage Program	\$1,500.00
P-3814	The Road Ahead Workshops	\$600.00
P-3812	National Road Safety Week	\$7,300.00
P-3810	Helping Learner Drivers Become Safer Drivers Workshops	\$600.00
P-3809	Learner Log Book Runs	\$2,200.00
P-3807	Shellharbour Ride n Find	\$1,300.00
P-3806	Shellharbour road Safety at Work - Travel Safe Tradies	\$805.00
	Joint Projects	
P-3813	South Coast Survive the Ride Workshops	\$5,460.00
P-3808	Ultimate Learner Log Book Run Experience	\$3,850.00
	Total approved funding amount	\$86,059.66

Attachments

None

10. General Business

11. Next Meeting