

# AGENDA – out of session Local Traffic Committee

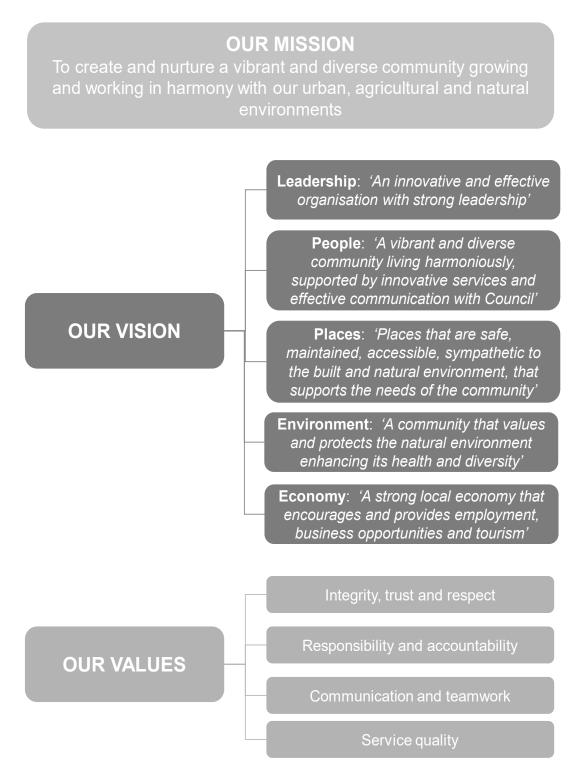


We're with you

Tuesday 10 September 2024

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1.1 Proposed Work Zones For Wingecarribee Shire Council Civic Centre	
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#### Our Mission, Our Vision, Our Values



#### 1 AGENDA REPORTS

## **1.1** Proposed Work Zones for Wingecarribee Shire Council Civic Centre Refurbishments

Report Author:	Traffic Engineer
Authoriser:	<b>Clinton McAlister</b>

#### PURPOSE

To review the proposed parking changes to accommodate the renovations and refurbishments of the Wingecarribee Shire Council Civic Centre building.

#### RECOMMENDATION

<u>THAT</u> it is recommended that the existing parking arrangements on the south side of Donkin Avenue and north side of Kirkham Street, Moss Vale, be changed to Work Zones.

<u>THAT</u> the parking layout be returned to the current arrangement following completion of the renovations and refurbishment of the Wingecarribee Shire Council Civic Centre building.

#### REPORT

#### **REPORT**

The Wingecarribee Shire Council Civic Centre building located at the corner of Elizabeth Street and Kirkham Street, Moss Vale, will undergo extensive renovations and refurbishments from September 2024 and is expected to take 7 months.

There will be many tradesmen and deliveries that will need to access the Civic Centre site. Parking changes to the existing parking arrangements on Donkin Avenue and Kirkham Street are proposed to accommodate the building works.

The changes are listed below.

#### Donkin Avenue

- Removal of 20m Loading Zone
- Removal of 40m of unrestricted parking
- Removal of 30m of Permit Parking (6am to 6pm, Mon to Fri)
- Installation of 90m of Work Zone

#### Kirkham Street

- Removal of 23m of 1P parking (8:30am to 6:00pm, Mon to Fri and 8:30am to 12:30pm, Sat)
- Installation of 23m of Work Zone.

Please see attached Traffic Management Plan for further detail.

#### CONCLUSION

The renovations and refurbishment of the Wingecarribee Shire Council Civic Centre building will require numerous tradesmen and deliveries to complete. The proposed Work Zone will improve efficiency for the building works and decrease disruption to the wider community in the CBD of Moss Vale.

The proposed Work Zones on Donkin Avenue and Kirkham Street are recommended for approval.

#### ATTACHMENTS

1. TMP - Moss Vale Civic Centre [1.1.1 - 27 pages]



# Traffic Management Plan (TMP)

Moss Vale Civic Centre, 68 Elizabeth Street, Moss Vale, NSW

Prepared by: Majestic Traffic Plans

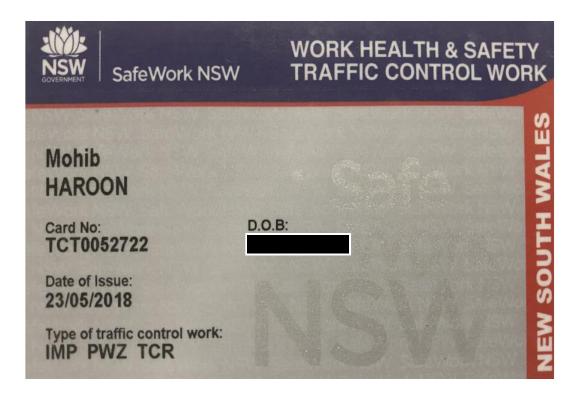
9/2/24

Mohib Haroon MS License: TCT0052722

**Traffic Management Plan** 

#### **Revision Record**

Issue No.	Author	Reviewed/Approved	Description	Date
1.	Mohib Haroon	Alter	Rev 01	15/08/24
2.	Mohib Haroon	Alter	REV 02	19/08/24
3.	Mohib Haroon	Alta	REV 03	20/08/24
4.	Mohib Haroon	Alta	REV 04	2/09/24
5.	Mohib Haroon	Alta	REV 05	4/09/24
6.				



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#### **Traffic Management Plan**

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#### 1. Introduction

This TMP has been prepared as part of the requirements requested by Wingecarribee Shire Council, covering stages 1 & 2 of works for the alterations & additions to the Moss Vale Civic Centre, located at 68 Elizabeth Street, Moss Vale.

#### 1.1 Background

The works are for Wingecarribee Shire Council, for the proposed alterations & additions to the existing Civic Centre located at 68 Elizabeth Street, Moss Vale, the property fronts, Elizabeth Street, Kirkham Street & Donkin Avenue, Moss Vale, NSW.

Majestic Traffic Plans has been engaged by Trinity Fitout & Construction, to prepare a Traffic Management Plan (TMP) to be implemented during the various stages of works.

#### 1.2 Scope & Description of works

Alterations & additions to Moss Vale Civic Centre including demolition & construction on the ground level & first floor, internal refurbishment & reconfiguration.

#### 1.3 Objective of this plan

The intended works are to be carried out within the site boundary only & will cover the removal of specific existing infrastructure & construction of new infrastructure, landscaping, etc.

The initial access point for trade vehicles will be from Donkin Avenue which is a one-way street & Kirkham Street which is a two-way un-divided road, they are managed by Wingecarribee Shire Council, there are formed kerb & gutters, there are concrete pedestrian footpaths on both roads.

- 1. Duration of work is approx. 32 weeks commencing 16<sup>th</sup> September
- 2. Work hours are restricted to: 7.00am to 5.00pm Monday to Friday, 8.00am to 1.00pm on Saturdays, no works to be undertaken on Sundays or public holidays.
- 3. Deliveries to site shall be staggered to avoid any possible congestion on Donkin Avenue primarily, no deliveries between school hours 8am-9.30am & 2.30pm-4pm.
- 4. Trades contractors will be parking on Donkin Avenue, in limited carpark spaces. Additional parking will be available in the existing car park, not the main carpark.
- 5. Site shall be sealed while unmanned out of hours & shall only impact pedestrian footpath on Donkin Avenue & Kirkham Avenue works, where contractors & machinery are parked; worksite shall be isolated from pedestrian footpaths using signage & barriers during work times as required.

Permits from Wingecarribee Shire Council shall be required for works that impact Elizabeth Street, Kirkham Street & Donkin Avenue; Permits shall be obtained prior to commencement of works & are to be always on-site during works.

The Traffic Management Plan shall remain in place for the duration of the work being carried out at this location.

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Traffic Management Plan

#### 1.4 Site Location

The site is located at 68 Elizabeth Street, Moss Vale.



Figure 2: Kirkham Street – North bound

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Traffic Management Plan



Figure 3: Kirkham Street – South bound



Figure 4: Elizabeth Street – North bound



Figure 5: Elizabeth Street – South bound

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Traffic Management Plan



Figure 6: Donkin Avenue – East Bound



Figure 7: Donkin Avenue – Carpark



Figure 8: Kirkham Street – Parking Zone

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#### 1.5 Guideline & Design Standards – Reference Documents

The Traffic Management Plan (TMP) has been developed in accordance with the requirements of Transport for NSW (TfNSW) Traffic Control at Works Sites Manual (Version 6.1, issued February 2022) & are referenced in this report:

- NSW Roads and Maritime Services Traffic Control at Worksites Manual V6.1.
- AS1742.3 Manual of Uniform Traffic Control Devices: Works on Roads.

This document will:

- Ensure the project establishes & maintains best practice to manage traffic & pedestrians during all stages of work.
- Ensure a safe environment for members of the public & construction personnel is maintained at all times.
- Ensure compliance with relevant specifications & the TfNSW "Traffic Control at Work Sites" (TCAWS V-6.1) Manual.
- Deliver a high standard of community engagement & awareness during the works.

#### 1.6 Limitations of this Construct

The Traffic Management Plan (TMP) developed by Majestic Traffic Plans, considers the impact of works on traffic & pedestrians. Impacts on other aspects in the local environments, such as noise, are not considered here but will be in other parts of the Construction Management Plan. The TMP is based on information provided by the client Trinity Fitout & Construction, regarding the expected characteristics & requirements of the construction program.

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#### 2. Roles & Responsibilities

#### 2.1 Key Personnel & Contact Details

2.1.1 Site Manager Company: Trinity Fitout & Construction Name: Graham Bruce Mobile: 0412 178 478 Email: graham.bruce@trinityfc.com.au

#### 2.1.2 Emergency Contact - PM

Name: Simon Hunter-Hall Mobile Phone: 0422 930 455 Email: simon.hunterhall@trinityfc.com.au

#### 2.1.3 Nominated Traffic Officer

Name: TBC Mobile Phone: Email:

#### 2.1.4 Traffic Control Contractor

Company: TBC Name: Mobile Phone: Email:

#### 2.1.5 Council Representative

Company: Wingecarribee Shire Council Name: Matt Harvey Mobile Phone: 0484 350 730 Email: matt.harvey@wsc.nsw.gov.au

#### 2.1.6 TfNSW Contact

Company: RMS Name: Mobile Phone: Email:

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#### 2.2 Responsibilities

All site personnel have a responsibility to,

- Ensure a safe workplace & safe environment during works.
- Report any hazards to a supervisor immediately.
- Advise supervisory personnel immediately of any concerns.

#### 2.2.1 Project Manager

The Project Manager has ultimate responsibility to,

- Promote at all times the company's policies, procedures and standards relating to health, safety and environmental management & ensure that they are complied with.
- Ensure sufficient resources are available to achieve the TMP, objectives & targets, & that those resources have sufficient skills to conduct the roles competently.
- Ensuring the Project achieves compliance with the TMP.
- Providing leadership in the development & implementation of the TMP.
- Ensure that all staff and contractors engaged to work on the Project are appropriately inducted & trained in all relevant TMP issues & controls.
- Organise & coordinate construction activities in accordance with the TMP.
- Ensure that staff have been trained appropriately for the tasks that they are undertaking prior to commencing work.

#### 2.2.2 Site Forman

The Site Foreman has the responsibility to,

- Support the Project Manager in providing leadership in implementation of the TMP.
- Conduct surveillance with the aim to identify unusual, non-conforming conditions.
- Perform investigations of construction sites and temporary traffic control schemes, prepare necessary reports, as well as maintain incident records and inspections logs.
- Ensures receipt of the relevant approvals for construction activities & traffic control.
- Ensures the relevant Supervisors & workforce are familiar with the approval conditions & requirements prior to implementation.
- Ensures the Supervisors & workforce are re-familiarised in the approval conditions and requirements at regular intervals during the period of the approvals.
- Liaises with the Traffic Control Company & crews in the planning and implementation of the required traffic management arrangements.
- Conducts regular inspections (including pre-starts) of traffic controls & where necessary instructs the rectification of deficiencies.
- Allocates plant, equipment & human resources for the works including the provision of the temporary traffic control arrangements.
- Conducts & keeps records of daily & weekly (day and night) inspections of the traffic control arrangements, assist audits & where necessary rectifies deficiencies.
- Inform & assist with the management of unplanned incidents, providing initial response to make the site safe.
- Assist with the implementation of mitigation measures to address unsafe or unusual conditions.
- Records unplanned incident details, & when traffic controls are in operation, including the installation & removal of regulatory signage.

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#### 2.2.3 Nominated Traffic Officer

The Nominated Traffic Officer has the responsibility to,

- has authority to stop work on any activity if it is considered to be necessary to prevent a traffic accident, or to comply with the direction of RMS, Council or Police.
- Ensure that the approved traffic control measures are established, implemented and maintained in accordance with the approved plan.
- Carrying out regular inspections & auditing (TCAWS V-6 Section 8.1.3) of the traffic control measures to ensure that they are effective & are being followed.
- Monitoring traffic conditions.
- Ensuring & monitoring conformance to time & period of operation.
- Maintaining current copies of the Traffic Management Plan, Traffic Control Plans, approvals, & their controlled distribution.
- Facilitate traffic awareness and giving toolbox talks to the site personnel.
- Managing the dedicated Traffic Control Crew in the delivery of required maintenance activities, incident, & emergency support, & providing support/resources during implementation.
- Updating the TMP in response to any incidents arising from the Contractor's Works.
- Develop a strategy for the dissemination of changed traffic condition information to potentially affected stakeholders, including road users, local communities, and residents.

#### 3. Existing Transport Infrastructure

#### 3.1 The Road Network

#### 3.1.1 Key Roads

The roads in the immediate vicinity of the site are administered by Camden Council. The characteristics of roads in the immediate vicinity of the site are shown below in Table 1-1

Road	Speed limit	Lanes	Road Authority
Elizabeth Street	50 kph	Two-way undivided with on-street	Council
		parking.	
Kirkham Street	50 kph	Two-way undivided road with	Council
		roundabout & blister island,	
		limited on-road parking & a bus	
		stop in-front of the carpark.	
Donkin Avenue	50 kph	one-way road with parking on both	Council
		sides.	
Illawarra Hwy /	50 kph	Two- way, 2 lane undivided road	TfNSW
Argyle Street		with parking lanes on both sides,	
		traffic lights at the intersection	
		with Kirkham Street	

Table 1: road Characteristics

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#### 3.2 Existing Traffic Controls

Key features of the existing traffic controls which apply to the road network in the vicinity of the site are:

- A roundabout at the intersection of Elizabeth Street & Kirkham Street.
- Traffic Lights at the intersection of Kirkham Street & Argyle Street.

#### 3.3 Parking

Main trade vehicles loading / unloading will do so from Donkin Avenue.

Trades parking will be in the available carpark at the bottom of Donkin Avenue.

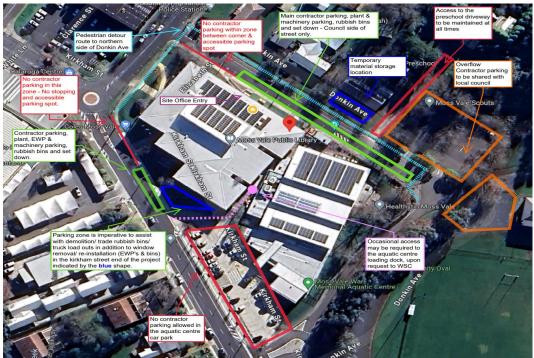


Figure 10: Trade Parking Area – Onslow Oval

3.4 Public Transport

#### 3.4.1 Bus Routes

The 816 bus route travels along Kirkham Street, between Mack Street & Argyle Street, there is a bus stop located on the south bound side near the work site.



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#### 3.5 Pedestrian Infrastructure

Pedestrian footpaths are located on all 3 sides of the work site, these are to be maintained with signage in place to direct pedestrians as required.

All works areas will have an 'A' class hoarding (temporary fencing) in place to separate the work areas from pedestrians.

#### <u>3.6 Cyclist Infrastructure</u>

There are no known impacts to cyclists either on or off road due to the project as there is no formal cycling infrastructure within the vicinity of the project site.

Cyclists will follow the current guidelines for use of roadways within NSW.

#### 4. Construction Methodology

#### 4.1 Traffic Management Plan Compliance

In compliance, across the entire duration of the project the Builder and all subcontractors and employees will obey any direction or notice from the Prescribed Certifying Authority which is Wingecarribee Shire Council.

#### 4.2 Construction Staging

Stage 1 – Ground Floor and First Floor Office Areas (Formerly Stage 1 & 3)

- a. To be delivered simultaneously Southeastern Corner of Building/ Donkin Ave Side.
- Stage 1a First Floor Office Area
  - a. Rooms 2.40, 2.41 & 2.42.
  - b. To be handed over to Trinity at Christmas time.
  - c. 10 weeks approx. to complete works.

Stage 2 - First Floor Office 2.43 (Formerly Stage 2 - Office 2.43)

 b. To be delivered per email sent after completion of Stage 1 – Northeastern Corner of Building/ Elizabeth Street Side.

#### 4.3 Construction Phasing

TBC.

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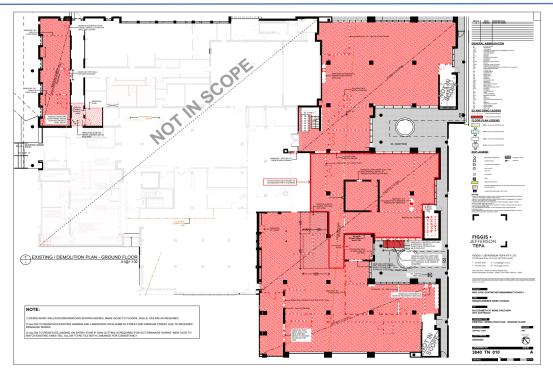
**Traffic Management Plan** 



Figure 11: Site staging plan

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#### **Traffic Management Plan**



#### Figure 12: Ground floor demolition plan

#### 4.5 Haulage routes

Vehicles will access site via Donkin Avenue & Kirkham Street.

#### 4.6 Work Zones

Work zones are anticipated for this project. Installation of any Works Zone is subject to the applicant applying & paying all appropriate Council advertised fees and charges, including the cost of the signage and/or line-marking for the Work Zone boundaries. If parking is metered loss of Parking will need to be paid under the Work Zone application. It should be noted that any proposed Work Zone must not impact on traffic flow (such as narrow roads).

The placement of any barriers, traffic cones, obstructions or other device in the road shoulder or kerbside lane is prohibited without the prior written consent of Council.

#### 4.7 Excavation Material on Site

Some excavation material for the stage 1 hydraulic works will be stored externally, but within the temporary fencing zone.

#### 4.8 Materials on Site

Material storage zones to be inside or externally within the temporary fencing zones.

#### 4.9 Neighbouring Properties

All neighbouring properties are to have their access always maintained. All nearby residencies, businesses & school's will be updated on a regular basis with changes that may affect them, & be provided with a phone number to contact the site manager.

#### 4.10 Mobile Cranes

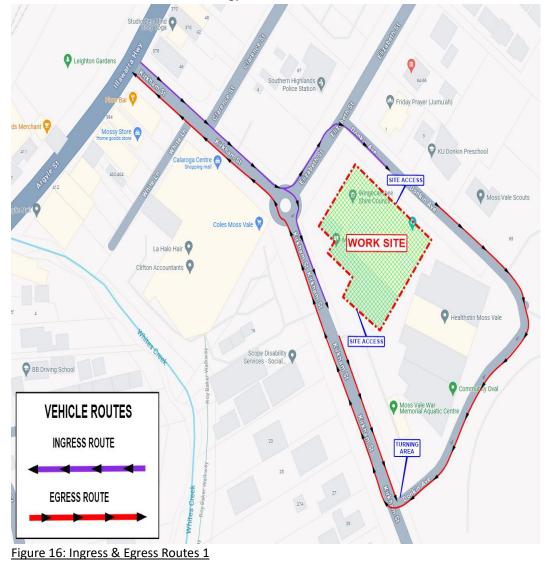
TBC.

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#### 5. Traffic Management Strategies

#### 5.1 Ingress & Egress Routes

- vehicles will ingress the worksite by traveling along Argyle Street, turning at the lights onto Kirkham Street, at the roundabout they will either turn left onto Elizabeth Street then turn right into Donkin Avenue parking on the right-hand side in-front of the worksite, or by continuing through the roundabout on Kirkham Street & parking on the left in-front of the work site
- Vehicles egressing from the site will continue along Donkin Avenue turning right onto Kirkham Street & continuing to Argyle Street, vehicles leaving along Kirkham Street will travel approx. 85m to Donkin Avenue & use the turning area to then exit right onto Kirkham Street & continue to Argyle Street.



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# StageMovement at<br/>peakRange of<br/>vehicles<br/>during stageLargest vehiclesDemolition6 - 10Utes, Vans,<br/>Small TruckSmall Truck 3tonConstruction3Concrete Pump,<br/>Concrete Truck,<br/>Large delivery<br/>truck.Up to 8m in length

Table 2: vehicles 5.3 Scrub & Dry N/A

#### 5.4 Condition of Footways & Roads

The roadway & footpaths are to be always kept in a serviceable condition for the duration of works at this location, any deficiencies are to be noted & actioned immediately, such as patching, trip hazards, etc.

#### <u>6 Site Waste Management Plan</u>

Waste Management to be addressed in the site management plan, A copy can be provided upon request to the builder.

#### 7. Inspection, Auditing & Reporting

Daily site checks of signs and devices to be undertaken prior to work commencing.

The specific requirements for safety inspection & audits will meet with the requirements of the Traffic Control at Worksite Manual V6.1, Traffic audits will be undertaken at a minimum frequency of 1 per month.

Inspection of traffic control devices for short term and long-term traffic management will be completed on weekly basis by qualified minimum RMS implement traffic control plan. Reporting will be in the format provided in the Traffic Control at Worksite Manual. Inspection and Control of Traffic Management & uploaded into the web-based document management system on completion.

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#### 7.1 TMP Up-Dates & Amendments

Update of this plan will occur as necessary and reasons for update of the plan may include the following,

- Consideration of monitoring, inspection & audit results.
- Consideration of incidents & any lessons learnt.
- Consideration of any new regulatory issues.
- A review of the effectiveness of traffic management controls.
- Consideration of changes in operational needs such as resourcing.
- Feedback from management reviews.
- At the request of the principal or their representative.

A copy of the updated plan & changes will be distributed to all relevant stakeholders in accordance with the approved document control procedure.

#### 8. Consultation & Communication

For businesses & residences impacted by the works, a letterbox drop providing details of the works & the timing will be provided a minimum 14 days in advance of any changes to traffic conditions, all changes are to be approved by council & relevant permissions obtained.

#### 9. Site Contact Details

The site shall be clearly posted with a sign erected in a prominent position on the site perimeter, it is to be maintained & removed at the completion of works. The sign must contain the following information,

- Name, address, contractor licence number & telephone number of the *principal contractor*, including a telephone number at which the person may be contacted outside working hours, or *owner-builder* permit details.
- Name, address, & telephone number of the Principal Certifying Authority
- A statement stating that 'unauthorised entry to the work site is prohibited."
- A notice with contact names & mobile phone numbers of site supervisors be displayed at the entrance to the site for community to make contacts regarding work activities.



Figure 18: Site Information sign

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Risks	Rate	Potential consequences	Evaluate	Proposed risk treatment
Delivery vehicles moving in & out of site & work zone	2 M	Traffic accidents, unfamiliarity with area	1 L	<ul> <li>All drivers to be given directions &amp; copy of VMP.</li> <li>UHF communication with site supervisor on approach to site as required</li> </ul>
Works during school arrival & departure times	3Н	Traffic accidents due to large amounts of vehicles as well as larger amounts of pedestrians crossing driveways.	1 L	<ul> <li>Schedule deliveries &amp; vehicle movements outside of school arrival &amp; pick up times.</li> <li>No deliveries between 8am &amp; 9.30am, 2.30pm &amp; 4pm.</li> </ul>
Vehicle Queuing	2 M	Traffic backing up into intersection	1L	<ul> <li>Stagger deliveries to site, this will avoid traffic backing up.</li> </ul>
Pedestrian access	2 M	Potential disruption to progress causing pedestrians to not comply with pedestrian provisions.	1 L	<ul> <li>Ensure pedestrian provisions are adequately addressed, well established, and maintained.</li> </ul>
Noise pollution	2 M	Noise affecting residents & Businesses, etc	1L	<ul> <li>Limit noise on site as where possible.</li> <li>Covered by the Construction Management Plan</li> </ul>
Access for emergency services restricted	2 M	Emergency vehicles & personnel unable to attend to an emergency.	1L	<ul> <li>Ensure roadway is not blocked by work vehicles.</li> <li>Make emergency services in the local area aware of the works &amp; provide them with a copy of the Vehicle Movement Plan (VMP).</li> </ul>

#### 10. Risk Assessment

Table 3: Risk Assessment

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**Traffic Management Plan** 

IIIOSE CIECULISEBILES		are or remaining the present	appenda					_
Might occur at some	t some	Effect could occur at the site or I've	ccur at the si	ite or l've	Medanta	Medical treatme	Medical treatment; serious injuries, temporary partial	
time		heard of it happening	ppening		ואומתבו קרב	disability; lost ti	disability; lost time injury < 7 days	
Could occur at some	t some	Effect is not likely to occur at the site or	kely to occur	at the site or	Major	Hospital admitt	Hospital admittance; extensive injuries; lost time injury >	
time		I have not heard of it happening	ord of it happ	ening		7 days; Perman	7 days; Permanent Total Disability injury; death	
May occur only in	ly in	Effect is practically impossible	ically imposs	ible				
exceptional					Catastrophic	Permanent Tota	Permanent Total Disability; Loss of life	
circumstances	10							
ermine the risk score	score				Step 4 Record risk:	ore on worksheet (Note	Step 4 Record risk score on worksheet (Note - Risk scores have no absolute value and	
JCe					should only be use	should only be used for comparison and to engender discussion.	engender discussion.)	
Insignificant	Minor	Moderate	Major	Catastrophic	Score	Action		
					4 A: Acute	<b>30 NOT PROCCED. Requ</b>	DO NOT PROCCED. Requires immediate attention. Introduce	
3 High	3 High	4 Acute	4 Acute	4 Acute		urther high level contro	further high level controls to lower the risk level. Re-assess before	
						proceeding.		_
					3 H: High	keview before commend	Review before commencing work. Introduce new controls and/or	
2 Moderate 3 High	3 High	3 High	4 Acute	4 Acute		naintain high level contr	maintain high level controls to lower the risk level. Monitor	
						requently to ensure con	frequently to ensure control measures are working.	_
	2				2 M: Moderate	Maintain control measur	Maintain control measures. Proceed with work. Monitor and	
1 Low	Moderat	3 High	4 Acute	4 Acute		eview regularly, and if a	review regularly, and if any equipment/people/materials/work	
	e					processes or procedures change.	change.	_
					1 L: Low	ecord and monitor. Pro	Record and monitor. Proceed with work. Review regularly, and if	
1 Low	1 Low	2 Moderate 3 High	3 High	4 Acute		iny equipment/people/r	any equipment/people/materials/work processes or procedures	
						change.		

Step 3 Determ Consequence .ikelihood

Almost certain

Likely

Possible

#### 10.1 Risk Assessment Matrix

No effect – or so minor that effect is acceptable

Insignificant/Acceptable

Example of each level:

What will be the expected effect? Step 2: Determine Consequence

Level of Effect:

First Aid treatment only; no lost time injury

Minor

Effect is known to have occurred at this

Will probably occur in

Likely

most circumstances

Possible

Unlikely

Rare

site or it has happened

Effect is a common result

Expected in most

Criteria

circumstances.

Description

What is the possibility that the effect will occur?

Step 1: Determine Likelihood

Table 4: Risk Matrix

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Almost certain

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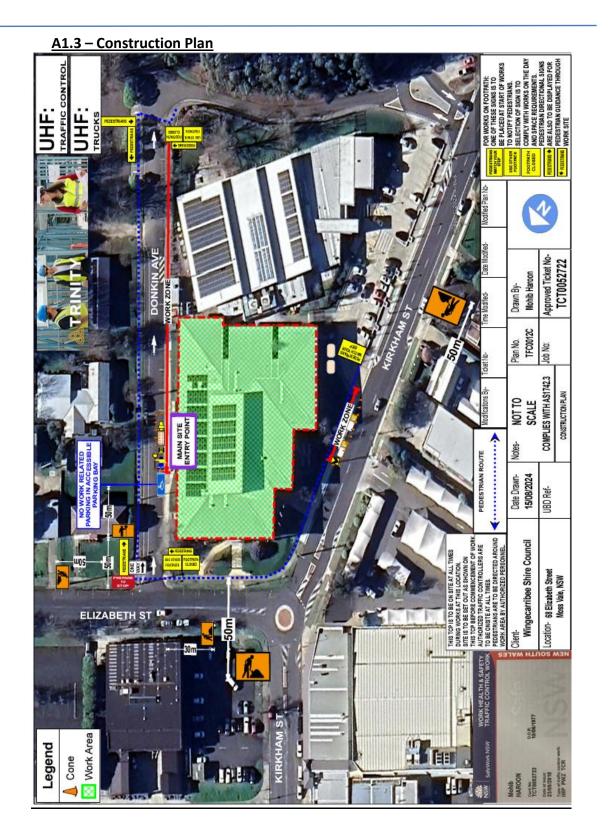
Unlikely



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**Traffic Management Plan** 



A1.4 – Vehicle Movement Plan

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**Traffic Management Plan** 

### APPENDIX B

Approval letters / Permits

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#### THIS CONSTRUCTION TRAFFIC MANAGEMENT PLAN COMPLIES WITH AUSTRALIAN STANDARD 1742.3

All personnel dealing with traffic control, being either contractors or subcontractors are to have the following current accreditation, for the management of each item listed below:

WHS&E general induction certificate (White card)

Safe Work Australia Traffic Controller Card (for traffic control, performing stop/slow control)

Safe Work Australia Implement Traffic Guidance Systems (for implementation of signage)

Safe Work Australia Prepare Work Zone Traffic Management Plan (for selection & creation of TGS, TMP & inspection of existing traffic guidance systems)

All staff must be inducted on site before commencement of works

Staff must carry current accreditation on them at all times whilst on site

Appropriate PPE as outlined in the appropriate SWMS for the works.

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