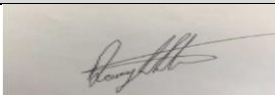




Construction Traffic Management Plan (CTMP)

Westlink Estate, Kemps Creek, NSW
Stage 2 DA

Revision Record

Issue No.	Author	Reviewed/Approved	Description	Date
0.	Danny White		Rev 01	10/09/22
1.			Rev 02	
2.			Rev 03	
3.			Rev 04	
4.			Rev 05	
5.			Rev 06	
6.			Rev 07	
7.			Rev 08	

Author: Danny White

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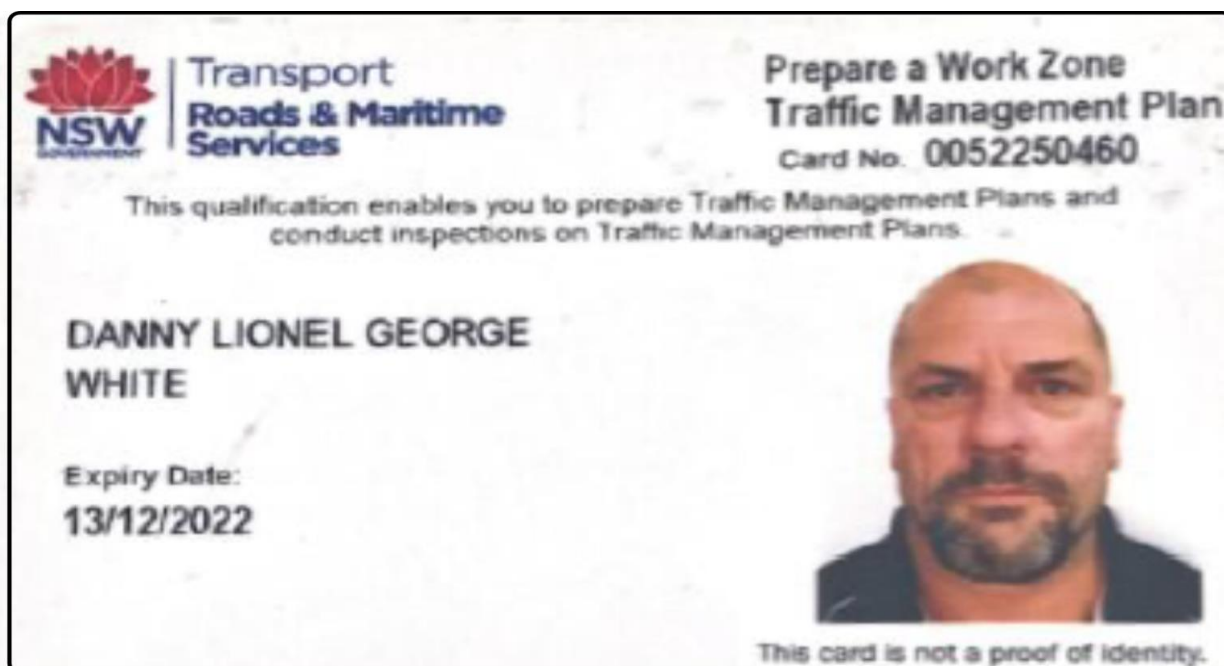


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1. Introduction

This CTMP covers stage 2 for the new Westlink estate at 1048, 1050 - 1064 Mamre Road, Kemps Creek, NSW.

1.1 Executive Summary

Construction Consent provides for the creation of the Construction Traffic Management Plan (CTMP) for the stage 2 works located at 1048, 1050 - 1064 Mamre Road, Kemps Creek, NSW.

The works will cover the construction section of the proposed new Westlink estate.

Within this Construction Traffic Management Plan (CTMP), all relevant Conditions relating to traffic management have been addressed.

1.2 Background

Westlink Estate, Kemps Creek – Development is subject to approval by Dept Planning & Environment.

White Group has been engaged by ESR, to prepare a Construction Traffic Management Plan (CTMP) to be implemented during the on-site work.

1.3 Site Location

The stage 2 site is located at 1048, 1050 - 1064 Mamre Road, Kemps Creek, NSW, as shown as orange in Figure 1-1.



Figure 1-1: Site Location

1.4 Scope

The works within the site will include clearing of the land, leveling, haulage of soil both to & from the site, excavation, instillation of stormwater, sewage, roads, driveways, car parks & footpaths.

External works will include upgrades to the local road network. These are currently subject to design & approval by PCC & TfNSW. This CTMP will be updated when these works commence.

1.5 Objective of this Plan

The Primary objective of this Construction Traffic Management Plan (CTMP) is to ensure safe & efficient movement of vehicles & pedestrians on to, off & around the site, whilst minimising disruptions / impacts & maintaining a safe environment for both vehicular & pedestrian traffic

1.6 Guideline & Design Standards – Reference Documents

The Construction Traffic Management Plan (CTMP) has been developed in accordance with the requirements of Transport for NSW (RMS) Traffic Control at Works Sites Manual (Version 6.1, issued February 2022) and 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 & in accordance with the relevant legislation, codes of practice or other requirements.

This document will:

- Ensure the project establishes and 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 and the RMS's - "Traffic Control at Work Sites" (TCAWS V-6.1) Manual.
- Deliver a high standard of community engagement and awareness during the works.

1.7 Limitations of this Construct

The Construction Traffic Management Plan (CTMP) developed by White Group only 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 Environmental Management Plan. The CTMP is based on information provided by ESR regarding the expected characteristics & requirements of the construction program.

2. ROLES AND RESPONSIBILITIES

2.1 Key Personnel & Contact Details

2.1.1 Project Manager

Name:

Mobile Phone:

Email:

2.1.2 Site Supervisor

Name:

Mobile Phone:

Email:

2.1.3 Emergency Contact

Name:

Mobile Phone:

Email:

2.1.4 Traffic Control Contractor

Company: White Group

Name: Danny White

Mobile Phone: 0427 281 171

Email: whitegroupops@outlook.com

2.1.5 TfNSW Project Manager

Name:

Mobile Phone:

Email:

2.1.6 Project Verifier/Penrith Council Inspector

Name:

Mobile Phone:

Email:

2.1.7 Transport Management Centre

Phone: 02 8396 1513

Email: tmc_piu@tmc.transport.nsw.gov.au

2.2 Responsibilities

All site personnel have a responsibility to,

- Ensure a safe workplace and 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 and ensure that they are complied with.
- Ensure sufficient resources are available to achieve the CTMP, objectives and targets and that those resources have sufficient skills to conduct the roles competently.
- Ensuring the Project achieves compliance with the CTMP.
- Providing leadership in the development and implementation of the CTMP.
- Ensure that all staff and contractors engaged to work on the Project are appropriately inducted and trained in all relevant CTMP issues and controls.
- Organise and coordinate construction activities in accordance with the CTMP.
- Ensure that staff have been trained appropriately for the tasks that they are undertaking prior to commencing work.

2.2.2 Site Supervisor

The Site Supervisor has the responsibility to,

- Support the Project Manager in providing leadership in the implementation of the CTMP.
- 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 and traffic control.
- Ensures the relevant Supervisors and workforce are familiar with the approval conditions and requirements prior to implementation.
- Ensures the Supervisors and 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 and crews in the planning and implementation of the required traffic management arrangements.
- Conducts regular inspections (including pre-starts) of traffic controls and where necessary instructs the rectification of deficiencies.
- Allocates plant, equipment and human resources for the works including the provision of the temporary traffic control arrangements.
- Conducts and keeps records of daily and weekly (day and night) inspections of the traffic control arrangements, assist audits and where necessary rectifies deficiencies.
- Inform and 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, and when traffic controls are in operation, including the installation and removal of regulatory signage.

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 and auditing (TCAWS V-6.1 Section 8.1.3) of the traffic control measures to ensure that they are effective and are being followed.
- Monitoring traffic conditions.
- Ensuring and monitoring conformance to time and period of operation.
- Maintaining current copies of the construction Traffic Management Plan, Traffic Guidance Schemes, approvals, and 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 and emergency support, and providing support/resources during implementation.
- Updating the CTMP 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 Penrith City Council & TfNSW. The characteristics of roads in the immediate vicinity of the site are shown below in Table 1-1.

Road	Speed limit	Lanes	Road Authority
Aldington Road	60 kph	Two lanes north & south bound, un-divided.	Council
Abbotts Road	60 kph	Two lanes east & west bound, un-divided.	Council
Mamre Road	80 kph	Two lanes north & south bound, un-divided.	TfNSW

Table 1-1: Road Characteristics

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:

- No right turn from Abbotts Road onto Mamre Rd between 0800 – 0930 & 1430 – 1600, Monday to Friday.

3.3 Parking

All construction work vehicles as well as staff & visitors, will be parked on-site only.

[3.4 Public Transport](#)

[3.4.1 Bus routes](#)

There are currently no bus stops or bus routes within the area affected by the works, no consultation with bus companies will be required at this time:

[3.5 Pedestrian Infrastructure](#)

The project site will have no impact on footpaths as there are currently no formed footpaths on Aldington Road, Abbots Road or Mamre Road at this location, pedestrian management will be in place as required.

[3.6 Cyclist Infrastructure](#)

Cyclists will not be affected & are to comply with the road conditions & rules and shall adhere to any posted regulatory signage.

[4. CONSTRUCTION METHODOLOGY](#)

[4.1 Duration of works and Daily / Weekly schedule](#)

The construction site works for the proposed stage are expected to take 15 months and will be undertaken as per the following condition:

- Construction works between:

Monday to Friday 7:00am to 6:00pm

Saturday 7:00am to 1:00pm, if inaudible to adjoining properties otherwise 8:00am to 1:00pm

No work to be undertaken on Sunday or public Holiday's.

[4.1.2 Construction Traffic management plan compliance](#)

In compliance with TfNSW & Penrith Council conditions, across the entire duration of the project the Contractor and all subcontractors and employees will obey any direction or notice from the Prescribed Certifying Authority.

[4.2 STAGING](#)

ESR propose the following staging of works:

- Demolition & clearing of any existing structures
- Drainage & infill of existing dams & any ground dewatering
- Clearing of existing trees & vegetation from site
- Bulk earthworks for site preparation & stabilisation works
- Create individual sub-division lots
- Roadworks & access infrastructure
- Stormwater & drainage
- Sewers
- Road & boundary retaining walls

4.2.1 Type and Number of Construction Vehicles

The construction works for the Initial site infrastructure will be over a 15-month construction period. Throughout the main stages, the maximum number of trucks accessing the site on any given day will be 100 truck & dogs.

Stage	Times per day	Movement numbers	Largest vehicles
Haulage	7am to 6pm Minimise heavy traffic movements during peak times of 7-9am & 4-6pm.	100 movements	Semi / Truck & dog

4.3 TRUCK ROUTES

4.3.1 Haulage Routes

Haulage vehicle traveling to site will travel from the M4 Motorway or Lenore Drive, south along Mamre Road for approx. 9km left onto Abbotts Road, continue along Abbotts Road, turning left onto Aldington Road & continue to the work site turning right & entering the work site at the marked site entry point.

Haulage vehicles leaving 200A development site will turn left onto Aldington Road & then right onto Abbotts Road, continue to Mamre Road & turn left only, continue Elizabeth Drive & turn left heading towards the M7 Motorway.

No construction traffic is permitted to use Bakers Lane to enter or exit the site.

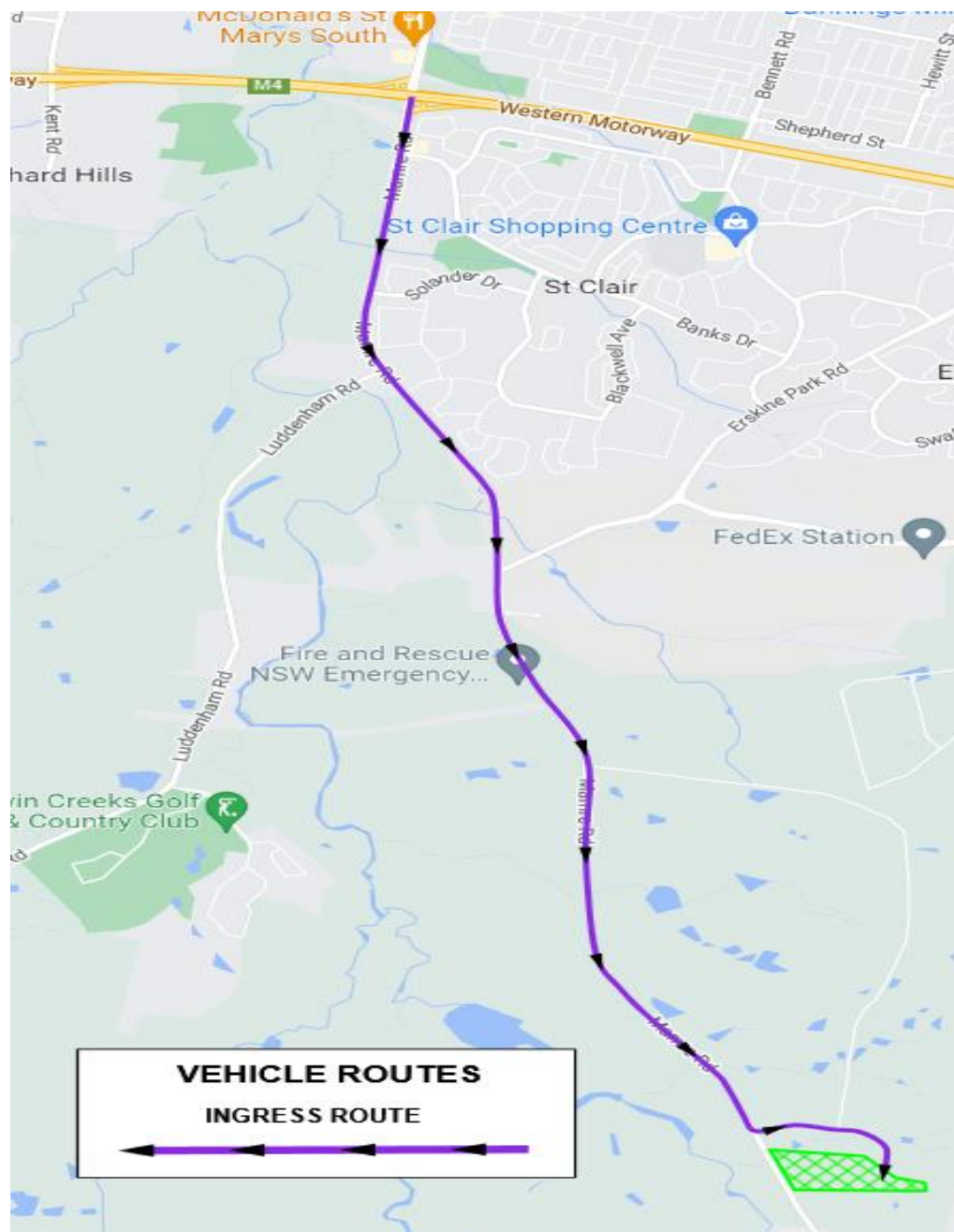
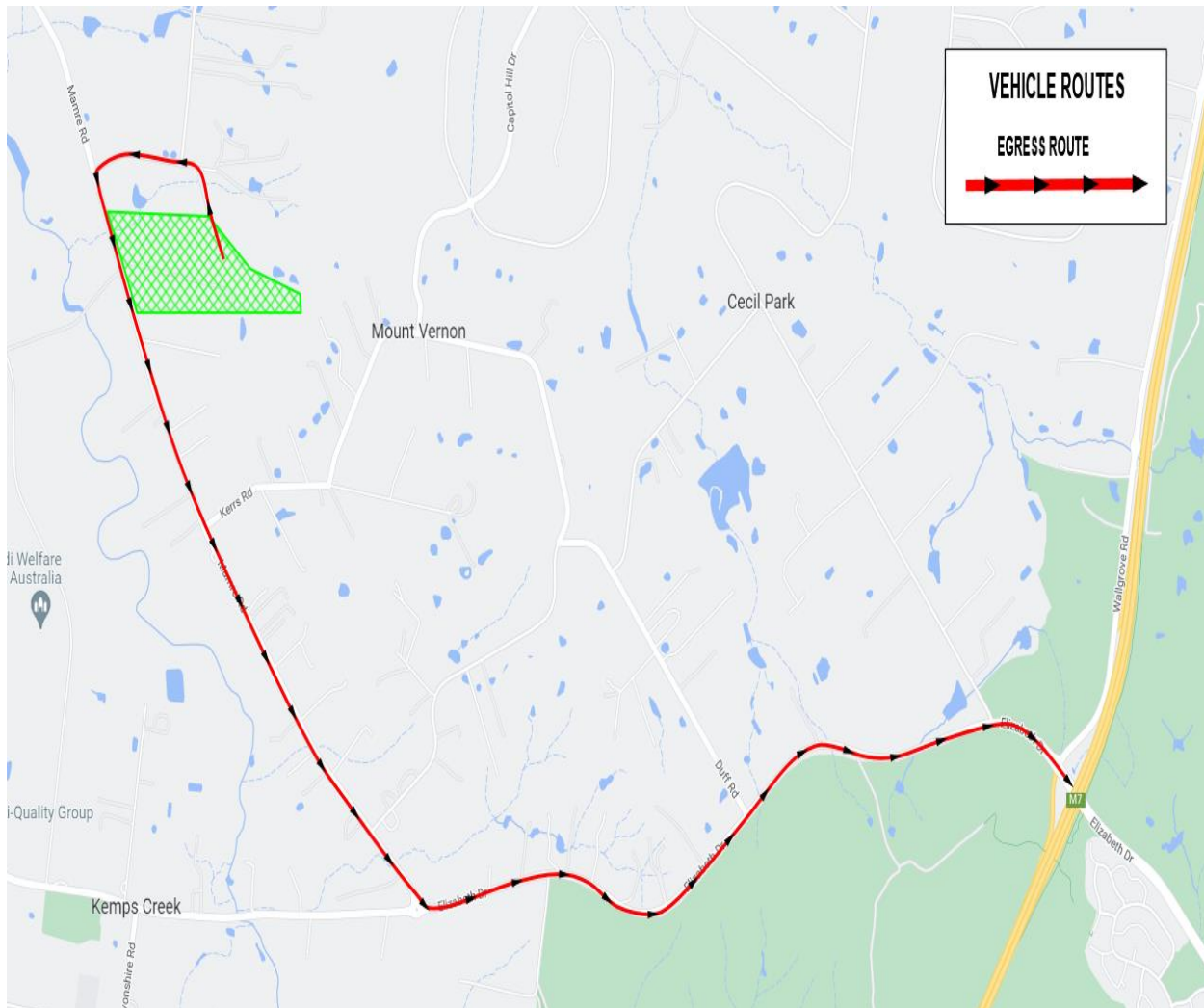


Figure 1-2: Haulage Ingress



[Figure 1-3: Haulage egress](#)

[4.4 Materials on site](#)

[4.1.1 Building Materials](#)

All construction materials are to be stored in the designated storage areas.

[4.1.2 Materials on Road Reserve](#)

No building materials, work sheds, vehicles, machines or the like shall be allowed to remain in the road reserve area unless they are behind authorised traffic barriers.

[4.5 Scrub & Dry](#)

[4.5.1 Mud & Sediment Control](#)

Wheel wash to be in place at site egress point to remove mud from vehicle tyres before allowing them to re-enter the public traffic lanes, a water cart may also be used to clean tyres if required, if a risk assessment highlights the possibility of mud or sediment being trafficked onto the road, a street sweeper is to be placed on standby to clean the road.

[4.5.2 Unexpected Finds & Soil Contamination](#)

Any unexpected finds or contaminated soil will be controlled and dealt with in accordance with the on-site Environmental Management Plan.

5. TRAFFIC MANAGEMENT STRATEGY

5.1 Traffic Management Options

The traffic management strategy prioritises the free flowing, unimpeded movement of vehicles at the worksite, there will be no site access from Mamre Road, access will be from Abbots Road onto the worksite.

5.1.1 Continuous Flow of traffic on Abbots Road

Trucks and the like will be brought onto the site at the designated entry points for safety & to avoid interruptions to the traffic flow at the intersections of Aldington Road, Abbots Road & Mamre Road.

5.1.2 Stop / Slow Control Measures

Stop/Slow traffic control measures will not be required.

5.2 Temporary Road Closure

There will not be a requirement for any road closures.

5.3 Working on Footpaths

There are no footpaths at this location.

5.4 Pedestrian & Cyclist Management

During this stage of construction works there will be no limit to the movements of pedestrians and cyclists on the verge & road reserve, this is still to be monitored to maintain a safe area for them.

5.5 Emergency Services

Access must be available at all times for emergency services to adjacent properties & to the site itself. No access will be impeded by the works at this location.

5.6 ROL's & SZA's

TfNSW Road Occupancy Licences (ROL) & Speed Zones (SZA) are to be obtained prior to the commencement of any works that will affect traffic movements on TfNSW roads, they are to be activated as per TfNSW requirements & deactivated at the end of each shift.

5.7 Road Barriers

Road barriers ranging from Concrete Jersey Barriers to water filled barriers may be used on this project.

5.8 Line Marking

N/A.

5.9 Lighting

N/A.

6. INSPECTION, AUDITING AND REPORTING

6.1 Inspections & Audits

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

The specific requirements for safety inspection and audits will meet with the requirements of the Traffic Control at Worksite Manual V6.1, Traffic audits will be undertaken after every major traffic change.

Inspection of traffic control devices for short term traffic management will be completed on weekly basis by a site supervisor with 2 years or more experience with work carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor that is used by traffic other than pedestrians.

Reporting will be in a format provided in the Traffic Control at Worksite Manual.

6.2 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 and audit results.
- Consideration of incidents and 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.
- Commencement of construction by additional developers on Aldington or Abbotts Road or Mamre / Abbotts Road upgrade.

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

7. CONSULTATION AND COMMUNICATION

For businesses & residences impacted by the works, a letterbox drop providing details of the works and the timing will be provided a minimum 7 days in advance of any changes to traffic conditions.

7.1 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 and 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 and telephone number of the *Principal Certifying Authority*
- A statement stating that ‘unauthorised entry to the work site is prohibited’.
- A notice with contact names and mobile phone numbers of site supervisors be displayed at the entrance to the site for community to make contacts regarding work activities.

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> YOUR LOGO HERE </div>	SITE CONTACT: PHONE #: LICENCE No:
ACCESS TO THIS SITE IS PERMITTED ONLY BY PREVIOUS ARRANGEMENT WITH THE BUILDER	
<div style="background-color: black; color: white; text-align: center; padding: 5px; margin-bottom: 5px;"> DANGER </div> <div style="text-align: center;"> CONSTRUCTION SITE UNAUTHORISED PERSONS KEEP OUT </div>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;">   </div> <div style="width: 50%; text-align: center;">   </div> </div>
PROTECTIVE EQUIPMENT MUST BE WORN BEYOND THIS POINT	
ALL CONTRACTORS MUST HAVE PROOF OF INDUSTRY SAFETY INDUCTION TRAINING PRIOR TO COMMENCING WORK	
<div style="text-align: center;">  </div> <div style="text-align: center;"> ALCOHOL AND DRUGS NOT PERMITTED ON THIS SITE </div>	<div style="text-align: center;"> IN CASE OF EMERGENCY CALL 000 AND CONTACT THE SITE MANAGER ON MOBILE NUMBER PROVIDED </div>
PROPERTY OWNERS SHOULD CONTACT THE BUILDER TO ARRANGE ACCESS	

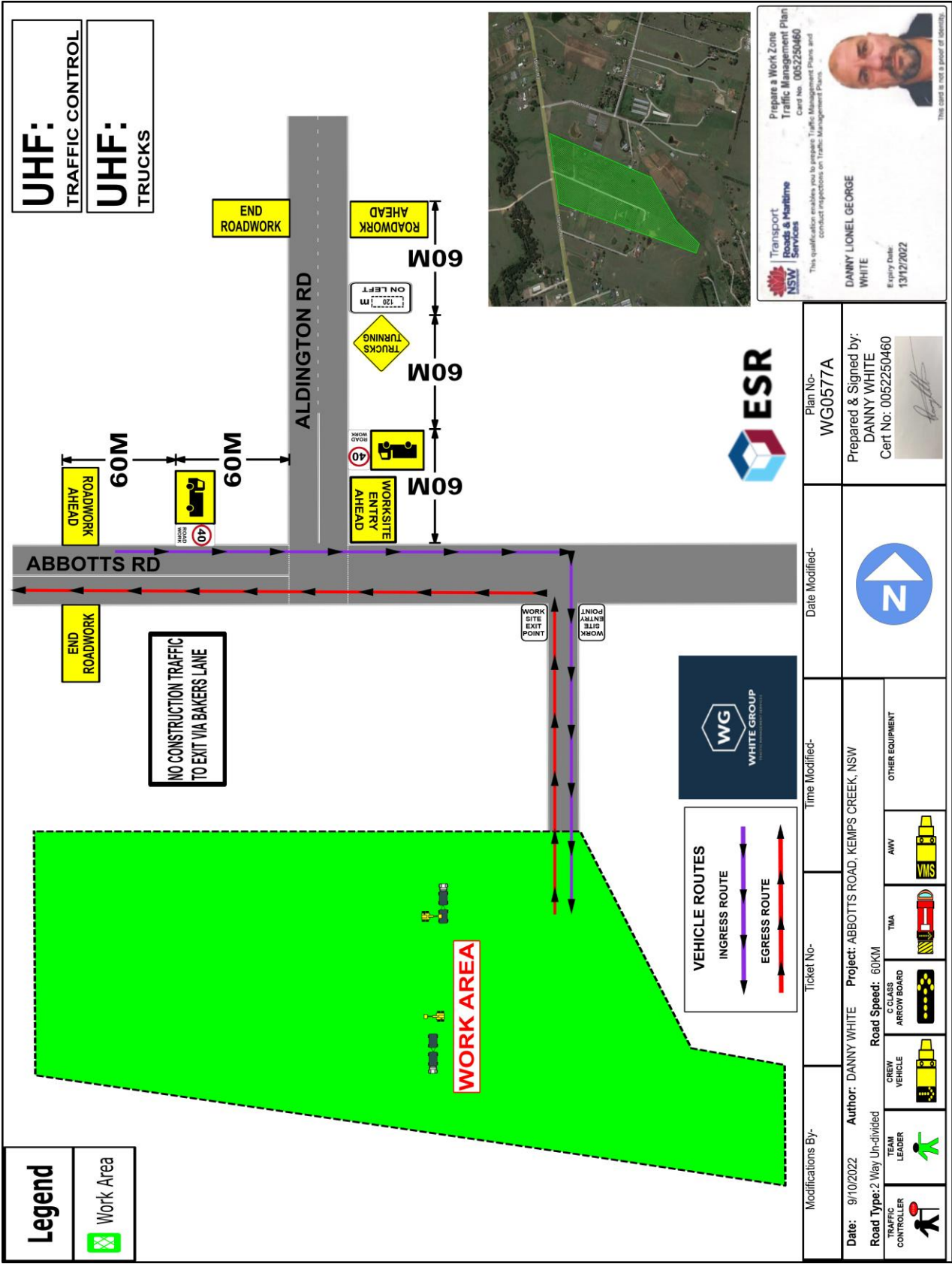
7.2 VMS

Variable message signs may be used to notify motorists of the changed traffic conditions both prior & during works at this location.

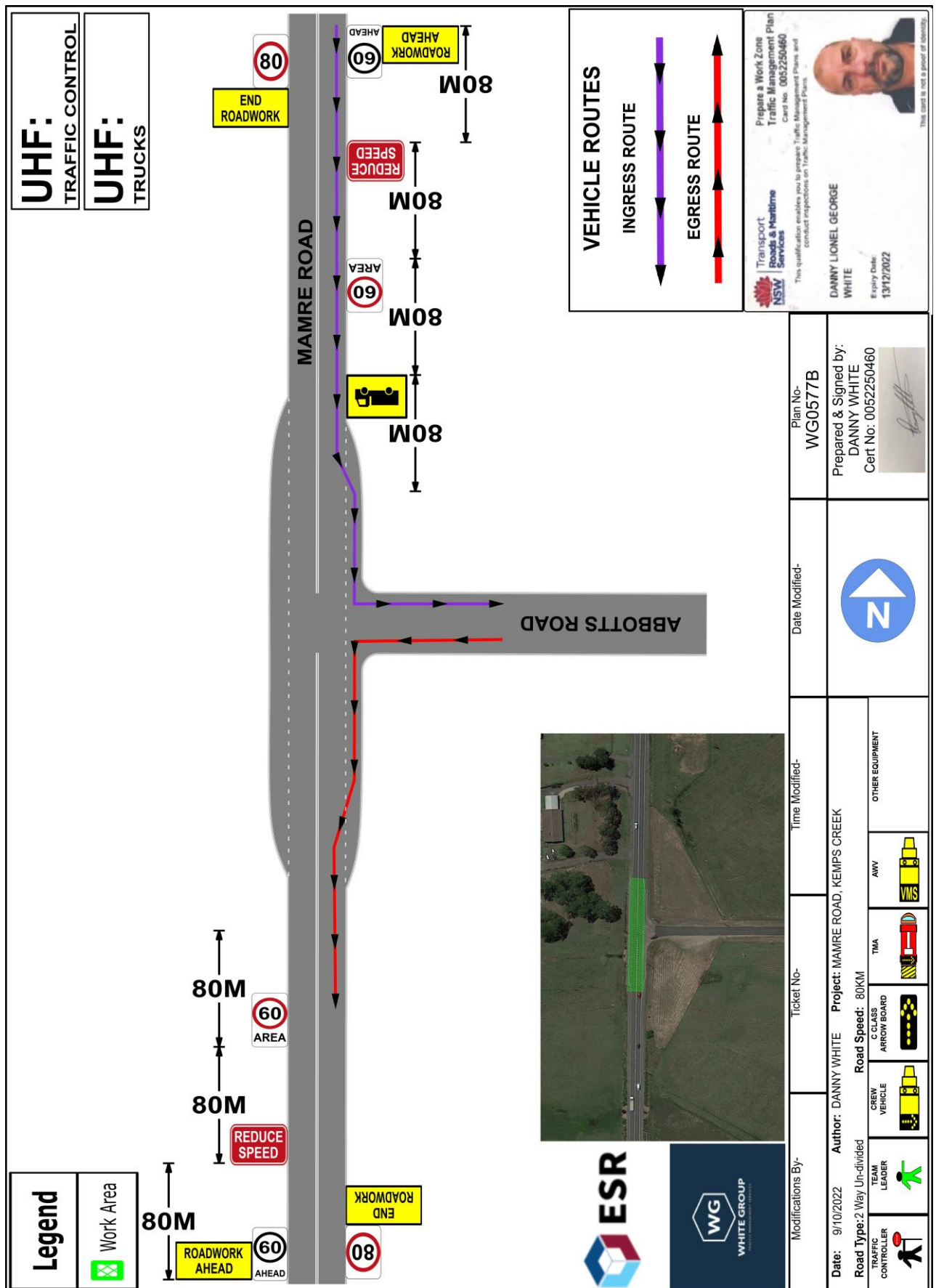
APPENDIX A

Traffic Control Plans

A 1.1 – Long Term Signage & Vehicle Movements Abbotts Road



A 1.2 – Mamre Road Signage & Speed Reduction



APPENDIX B

B 1.1 – RISK ASSESSMENT

No	Risks	Rate	Potential consequences	Evaluate	Proposed risk treatment
1	Work vehicles, truck & dog, moving in & out of site	3 H	Traffic accidents, unfamiliarity with area	1 L	<ul style="list-style-type: none"> Site will require appropriate signs, all drivers to be given written directions on entry & exit procedures. UHF communication with traffic marshal on approach to site
2	Access to site for receiving deliveries	2 M	Traffic disruption or interference, Incidents due to unfamiliarity within site	1 L	<ul style="list-style-type: none"> Regular check of Traffic Management Plan implementation. Limit deliveries during peak times. Have procedures in place for rapid recovery.
3	Working in close proximity to Intersections	2 M	Traffic delays, work vehicles pulling out of site, queuing.	1 L	<ul style="list-style-type: none"> Vehicles leaving site to be aware of traffic flow & conditions. Limit vehicle movements at peak times.
4	Speed Reduction	2 M	Speed reduction on Mamre Road due to slow moving trucks entering from Abbotts Road & possible collisions if speed remains at 80kph	1 L	<ul style="list-style-type: none"> Speed reduced to 60kph to allow for safer vehicle breaking distance when trucks are entering traffic flow on Mamre Road. Ensure speed reduction signage is in place at correct distance & height on approaches to intersection.
5	Pedestrian access	2 M	Potential disruption to progress causing pedestrians to not comply with pedestrian provisions.	1 L	<ul style="list-style-type: none"> Ensure pedestrian access provisions are adequately addressed, well established and maintained.
6	Cyclist access	2 M	Potential disruption to progress causing cyclists to not comply with cyclist provisions.	1 L	<ul style="list-style-type: none"> Ensure cyclist access provisions are adequately addressed, well established and maintained.
7	Noise pollution	1 L	Noise affecting residents & community.	1 L	<ul style="list-style-type: none"> Limit noise near residential areas where possible. Have vehicles are not to use compression braking when entering site.
8	Access for emergency services restricted	2 M	Emergency vehicles & personnel unable to attend to an emergency situation.	1 L	<ul style="list-style-type: none"> Make emergency services in the local area aware of the works & provide them with a copy of the Construction Traffic Management Plan (CTMP)

B 1.2 – RISK ASSESSMENT MATRIX

Step 2: Determine Consequence What will be the expected effect?	
Level of Effect:	Example of each level:
Insignificant/Acceptable	No effect – or so minor that effect is acceptable
Minor	First Aid treatment only; no lost time injury
Moderate	Medical treatment; serious injuries, temporary partial disability; lost time injury < 7 days
Major	Hospital admittance; extensive injuries; lost time injury > 7 days; Permanent Total Disability injury; death
Catastrophic	Permanent Total Disability; Loss of life

Step 1: Determine Likelihood What is the possibility that the effect will occur?	
Criteria	Description
Almost certain	Expected in most circumstances.
Likely	Will probably occur in most circumstances
Possible	Might occur at some time
Unlikely	Could occur at some time
Rare	May occur only in exceptional circumstances

Step 4 Record risk score on worksheet (Note – Risk scores have no absolute value and should only be used for comparison and to engender discussion.)	
Score	Action
4 A: Acute	DO NOT PROCEED. Requires immediate attention. Introduce further high level controls to lower the risk level. Re-assess before proceeding.
3 H: High	Review before commencing work. Introduce new controls and/or maintain high level controls to lower the risk level. Monitor frequently to ensure control measures are working.
2 M: Moderate	Maintain control measures. Proceed with work. Monitor and review regularly, and if any equipment/people/materials/work processes or procedures change.
1 L: Low	Record and monitor. Proceed with work. Review regularly, and if any equipment/people/materials/work processes or procedures change.

Step 3 Determine the risk score				
Consequence	Insignificant	Minor	Moderate	Catastrophic
Almost certain	3 High	3 High	4 Acute	4 Acute
Likely	2 Moderate	3 High	3 High	4 Acute
Possible	1 Low	2 Moderate	3 High	4 Acute
Unlikely	1 Low	1 Low	2 Moderate	4 Acute

APPENDIX C

C 1.1 – SITE PHOTOS

Abbotts Road – West bound



Abbotts Road – East bound



Aldington Road – North bound



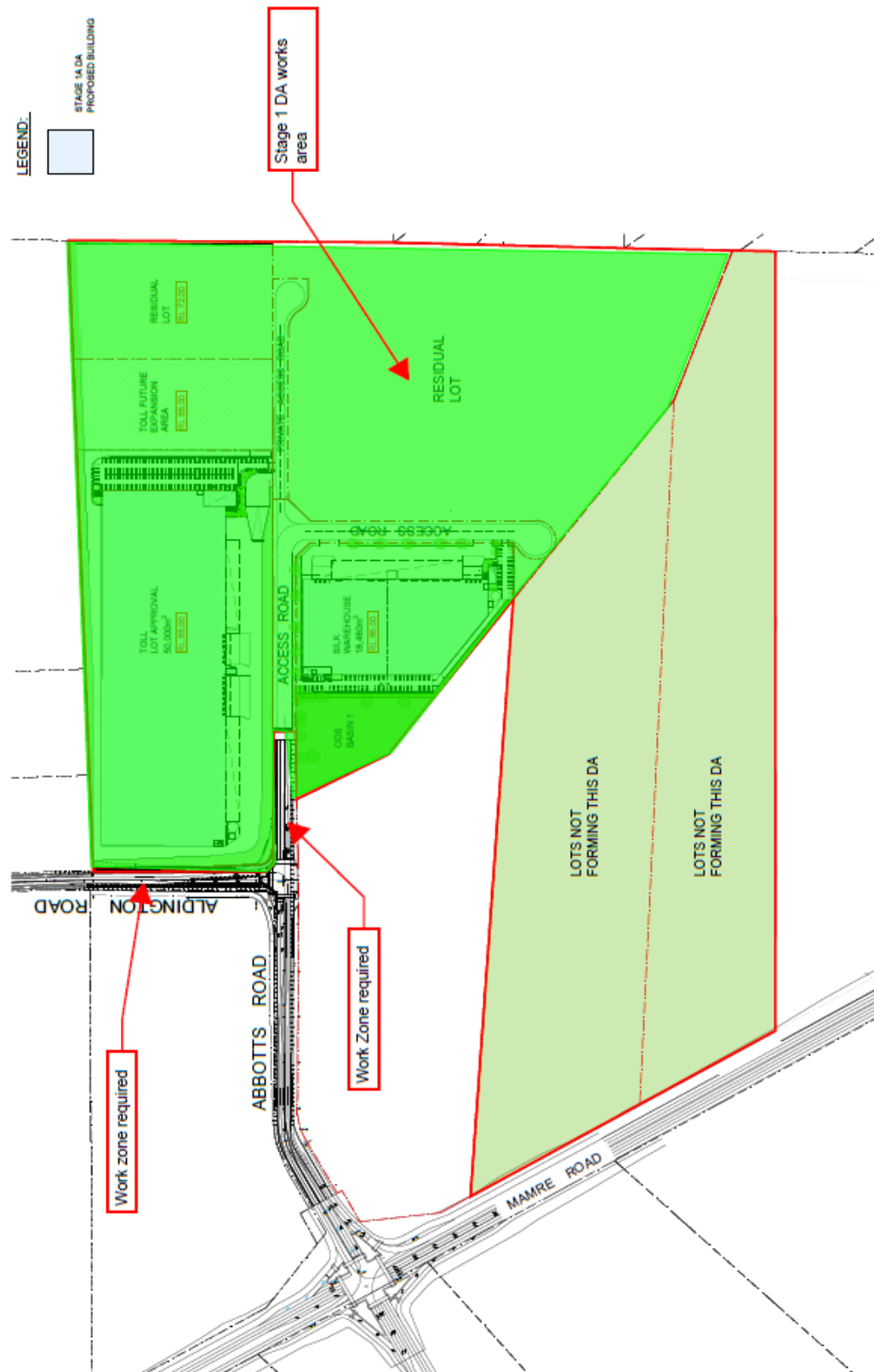
Mamre Road & Abbots Road – Intersection







Site Work Zone Locations



STAGE 1A DA
ESTATE PLAN
DATE: 10/10/2020
P-487-277088 PL 007-000

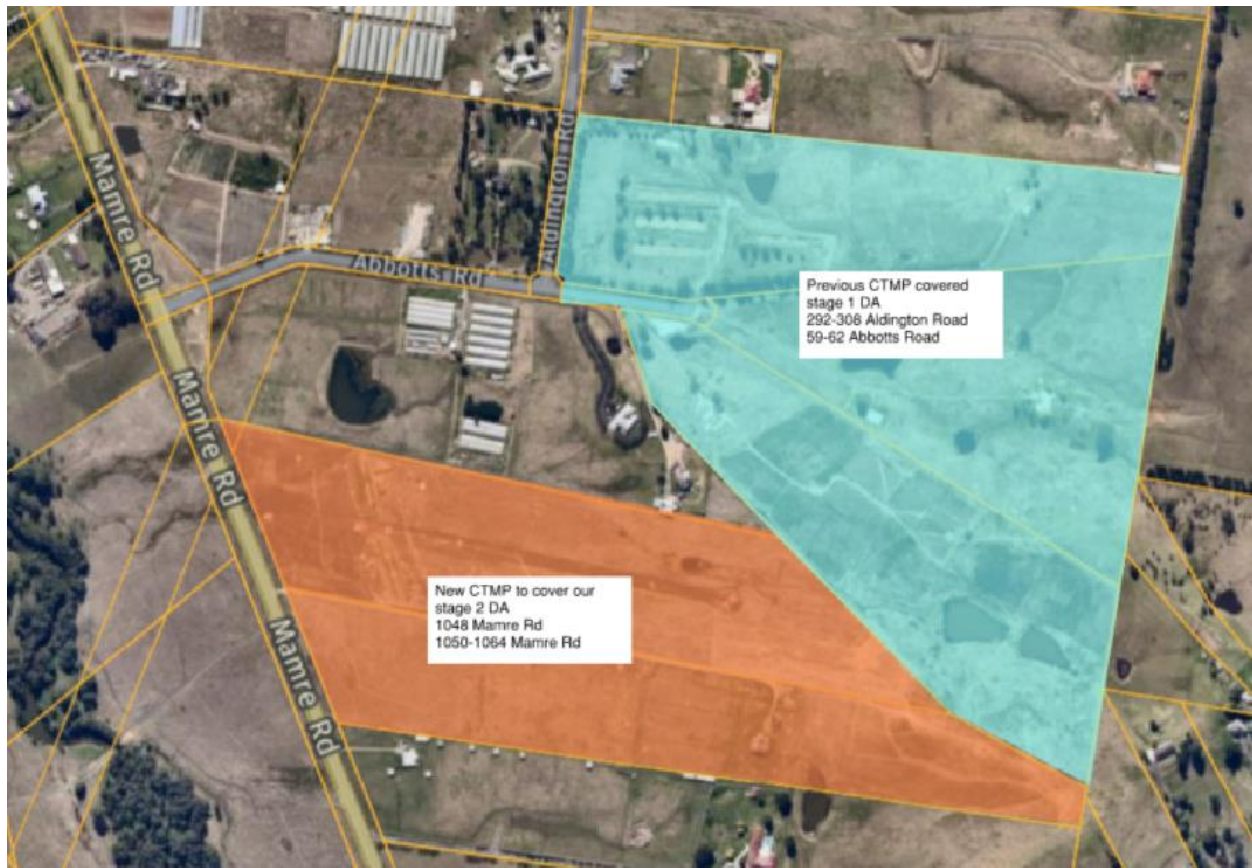
253/259 ALDINGTON ROAD &
59-62 ABBOTTS ROAD & 63 ABBOTTS ROAD
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Site Ariel View



APPENDIX E

E 1.1 – Traffic Volumes

Bulk Earthworks

Stage Name / Description (e.g., demolition, excavation, structure, fit out etc.)	Westlink Stage 1 - Lot 1, Lot 4, Lot 3, Lot 1B					
Construction Management Plan Provided?? (showing site sheds, materials storage etc.)	Site Cut to Fill, No external import and export, External infrastructure to be used only for employees to access site during work hours. Roads used during work hours only to be used for fuel and maintenance and machine/plant floatage					
Timing(s)	Dates:	Start Sep-22	End Nov-22	Work Times:	Start 6:00	End 18:00
Work Zone required? If yes, please provide details: - location (sketch) - length - time (if different to the above)	GM to attach plan for DG					
Truck types (sizes) i.e. Small (<6.4m), Medium (>6.4, <8.8m), Heavy (>12.5m) rigid trucks, truck and dog, semi-trailer etc.	Small, Medium, Heavy, Semi					
Worker numbers - maximum on-site at any one time	Average over stage:	30	Peak Times:	50		
Details regarding any proposed measures to limit contractor parking on-street in the vicinity of the site (if any).	On-site parking will be provided.					
Details of any proposed hoarding and pedestrian protection/ control	N/A					
Crane required? - crane location - crane swing radius, and - times that a crane is required for the project.	N/A					
Are any road (lane closure) occupancies required? Please specify location / duration of specific works, where possible.	No					
Are any footpath / verge works required? Please specify location / duration of specific works.	No					
Typical Peak Vehicle Movement Profile (1 truck = 1 in movement + 1 out movement = 2 movements)	Light Vehicles (cars)		Rigid Trucks/ Commercial Vans		Articulated Vehicles/ Truck + Dog Combination	
Time (hour starting)	IN	OUT	IN	OUT	IN	OUT

0:00						
1:00						
2:00						
3:00						
4:00						
5:00						
6:00	10	0	0	0	0	0
7:00	10	0	0	0	0	0
8:00	10	2	0	0	0	0
9:00	2	2	2	2	0	0
10:00	2	2	2	2	0	0
11:00	2	2	2	2	0	0
12:00	2	2	2	2	0	0
13:00	2	2	2	2	0	0
14:00	2	2	2	2	0	0
15:00	2	2	2	2	0	0
16:00	2	2	2	2	0	0
17:00	0	15	0	0	0	0
18:00	0	15	0	0	0	0
19:00						
20:00						
21:00						
22:00						
23:00						
TOTAL	46	48	16	16	0	0

Stage Name / Description (e.g., demolition, excavation, structure, fit out etc.)	Westlink Stage 2 – Lot 1A, 5, 6, 7, 2					
Construction Management Plan Provided?? (showing site sheds, materials storage etc.)	Import supplies for road construction and retaining wall construction. Utility works to be undertaken which will require work zones on ESR frontage on Abbots and Aldington. Traffic control will be present on site to manage this. These works to be undertaken at night.					
Timing(s)	Dates:	Start Mar-23	End Nov-23	Work Times:	Start 6:00	End 6:00
Work Zone required? If yes, please provide details: - location (sketch) - length - time (if different to the above)	GM to attach plan for DG					
Truck types (sizes) i.e., Small (<6.4m), Medium (>6.4, <8.8m), Heavy (>12.5m) rigid trucks, truck and dog, semi-trailer etc.	Small, Medium, Heavy, Semi					
Worker numbers - maximum on-site at any one time	Average over stage:	30	Peak Times:	50		
Details regarding any proposed measures to limit contractor parking on-street in the vicinity of the site (if any).	On site parking will be provided.					
Details of any proposed hoarding and pedestrian protection/ control	N/A					
Crane required? - crane location - crane swing radius, and - times that a crane is required for the project.	N/A					
Are any road (lane closure) occupancies required? Please specify location / duration of specific works, where possible.	No					
Are any footpath / verge works required? Please specify location / duration of specific works.	No					
Typical Peak Vehicle Movement Profile (1 truck = 1 in movement + 1 out movement = 2 movements)	Light Vehicles (cars)		Rigid Trucks/ Commercial Vans		Articulated Vehicles/ Truck + Dog Combination	
Time (hour starting)	IN	OUT	IN	OUT	IN	OUT
0:00						
1:00						
2:00						
3:00						

4:00						
5:00						
6:00	10	0	0	0	0	0
7:00	10	0	0	0	0	0
8:00	10	2	0	0	0	0
9:00	2	2	2	2	0	0
10:00	2	2	2	2	0	0
11:00	2	2	2	2	0	0
12:00	2	2	2	2	0	0
13:00	2	2	2	2	0	0
14:00	2	2	2	2	0	0
15:00	2	2	2	2	0	0
16:00	2	2	2	2	0	0
17:00	0	15	0	0	0	0
18:00	0	15	0	0	0	0
19:00						
20:00						
21:00						
22:00						
23:00						
TOTAL	46	48	16	16	0	0

APPENDIX F

F 1.1 – Driver Code of Conduct

- Driver Code of Conduct -

Drivers Code of Conduct

Safe Driving Policy for the Stage 2 DA, 1048, 1050 & 1064 Mamre Road, Kemps Creek.

Objectives of the Drivers Code of conduct

- To minimise the impact of earthworks and construction on the local and regional road network;
- Minimise conflict with other road users;
- Minimise road traffic noise; and
- Ensure truck drivers use specified routes

Code of Conduct

All vehicle operators accessing the site must:

- Take reasonable care for his or her own personal health and safety.
- Not adversely, by way of actions or otherwise, impact on the health and safety of other persons.
- Notify their employer if they are not fit for duty prior to commencing their shift.
- Obey all applicable road rules and laws at all times.
- In the event an emergency vehicle behind your vehicle, pull over and allow the emergency vehicle to pass immediately.
- Obey the applicable driving hours in accordance with legislation and take all reasonable steps to manage their fatigue and not drive with high levels of drowsiness.
- Obey all on-site signposted speed limits and comply with directions of traffic control supervisors in relation to movements in and around temporary or fixed work areas.
- Ensure all loads are safely restrained, as necessary.
- Drive over cattle grids located at the Site's access – to vibrate off any loose material attached to construction vehicles.
- Operate their vehicles in a safe and professional manner, with consideration for all other road users.
- Hold a current Australian State or Territory issued driver's licence
- Notify their employer or operator immediately should the status or conditions of their driver's license change in any way.
- Comply with other applicable workplace policies, including a zero tolerance of driving while under the influence of alcohol and/or illicit drugs.
- Not use mobile phones when driving a vehicle or operating equipment. If the use of a mobile device is required, the driver shall pull over in a safe and legal location prior to the use of any mobile device.
- Advise management of any situations in which you know, or think may, present a threat to workplace health and safety.
- Drive according to prevailing conditions (such as during inclement weather) and reduce speed, if necessary.
- Have necessary identification documentation at hand and ready to present to security staff on entry and departure from the site, as necessary, to avoid unnecessary delays to other vehicles.

All vehicle operators leaving the site:

- Drivers are not to turn right when leaving the site, heavy vehicles are not to use Bakers Lane.
- Vehicle are not to turn right at the intersection of Abbots Road & Mamre Road, this is a left turn only onto Mamre Road.

Crash or incident Procedure

- Stop your vehicle as close to it as possible to the scene, making sure you are not hindering traffic. Ensure your own safety first, then help any injured people and seek assistance immediately if required.

Ensure the following information is noted:

- Details of the other vehicles and registration numbers
- Names and addresses of the other vehicle drivers
- Names and addresses of witnesses
- Insurers details

Give the following information to the involved parties:

- Name, address and company details
- If the damaged vehicle is not occupied, provide a note with your contact details for the owner to contact the company.
- Ensure that the police are contacted should the following circumstances occur:
 - If there is a disagreement over the cause of the crash.
 - If there are injuries.
 - If you damage property other than your own.
- As soon as reasonably practical, report all details gathered to your manager