



GAME

CONTRACTOR:

JOSS Construction

PROJECT:

Library, Community Facilities & Young High School Upgrade

LOCATION:

Campbell Street, Young NSW

DURATION:

Nov 2020 to March 2021

REVISION:

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DATE:

25TH June 2021

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1. PROJECT INFORMATION

PURPOSE

This Traffic Management Plan (TMP) provides the traffic management procedures to be implemented by the contractors and subcontractors during the project.

Location	Campbell Street, Young NSW 2594	
Road Type/s	(A) Class State Hwy Road & Arterial Road	
Posted speed limit/s	60kp/h, 50kp/h & 40kp/h School Zone	
Duration	Approximately 48 weeks	
Operational hours	Approximately 6:00 to 1900	
Expected delay	0 to 5mins	
Traffic Management Measures/Strategies	All works taking place within the confines of the site, with minimal impact on the neighboring road network	
Road Authority/s	Transport NSW	Hilltops Council
Local Government/s	Hilltops Council	
Client	Transport NSW	
Contractor	JOSS Construction	
Traffic management	Registered G10 Traffic Management Contractor	
Site Manager(s)	Bailey Thomson Construction Cadet 0429 939 969	

1.1 DETAILS OF WORKS

This Traffic Management Plan (TMP) addresses the proposed construction of the new integrated Library and Community Facility and school upgrade at Young High School, Young, NSW.

It discusses the management of local traffic and construction vehicles related to the project.

1.2 TRAFFIC MANAGEMENT OBJECTIVES

The objectives of this Traffic Management Plan (TMP) are to:

- Provide a safe environment for the travelling public and construction personnel.
- Cater for the needs of all traffic, including pedestrians.
- Communicate the purpose of the proposed traffic management.
- Communicate the arrangements for and impacts of any event affecting traffic.

To assist in meeting these objectives the TMP provides information on:

- The Scope of Works
- Site Conditions
- Permissible working times
- Procedures and Responsibilities
- The Traffic Control Plans (TCP)

1.3 LEGISLATIVE AND OTHER PROVISIONS

- Occupational Health and safety Act 2004 and Regulations 2007
- Road management Act 2004
- Road safety act 1986
- Australian Standard AS 1742.3 – 2019 - Traffic control devices for works on roads
- Risk Management Standard AS/NZS 4360:2004
- Australian Standard - Mobility and Access Standard for People with Disabilities AS 1428
- Traffic Control at Worksite Technical Manual 2020.
- Local Government Act

JOSS shall ensure that the requirements of these documents and other relevant information will be monitored and the Traffic Management Plan adjusted to meet changing requirements where necessary.

2. RESPONSIBILITIES

2.1 TRAFFIC CONTROL / SITE MANAGER

The Traffic Control Site Manager shall:

- Ensure all traffic control measures for this TMP are placed and maintained in accordance with this plan and the relevant Acts, Codes, Standards and Guidelines
- Ensure suitable communication and consultation with the affected stakeholders is maintained at all times
- Ensure inspections of the Traffic Controls are undertaken in accordance with the TMP, and results recorded. Any variations shall be detailed together with reasons
- Review feedback from field inspections, worksite personnel and members of the public, and take action to amend the traffic control measures as appropriate following approval from the Superintendent's Representative
- Arrange and/or undertake any necessary audits and incident investigations

2.2 SUPERVISOR

The supervisor is responsible for overseeing the day-to-day activities, and is therefore responsible for the practical application of the TMP, and shall:

- Instruct workers on the relevant safety standards, including the correct wearing of high visibility safety vests, safety boots and other equipment as required.
- Ensure traffic control measures are implemented and maintained in accordance with the TMP
- Undertake and submit the required inspection and evaluation reports to management
- Render assistance to road users and stakeholders when incidents arising out of the works affect the network performance or the safety of road users and workers
- Take appropriate action to correct unsafe conditions, including any necessary modifications to the TMP.

2.3 TRAFFIC MANAGEMENT PERSONNEL

At least one person shall be accredited in prepare work zone traffic management plan, and shall have the responsibility of ensuring the traffic management devices are set out in accordance with the TMP. They will also be available at short notice at all times to manage variations, contingencies and emergencies, and to take overall responsibility for traffic management

2.4 TRAFFIC CONTROLLERS

Traffic Controllers shall be used to control road users to avoid conflict with plant, workers, traffic and pedestrians, and to stop and direct traffic in emergency situations.

Traffic Controllers shall:

- Operate in accordance with Section 4.6 and Appendix B of AS1742.3
- Hold current Traffic Controller's Competency.
- Take appropriate breaks as required by AS1742.3 and/or OHS Regulations.

2.5 WORKERS AND SUBCONTRACTORS

Workers and Subcontractors shall:

- Correctly wear high visibility vests, in addition to other protective equipment required (e.g. footwear, eye protection, helmet, sun protection etc.), at all times whilst on the worksite
- Comply with the requirements of the TMP and ensure no activity is undertaken that will endanger the safety of other workers or the general public
- Enter and leave the site by approved routes and in accordance with safe work practice

3. OCCUPATIONAL SAFETY AND HEALTH

Principals, employers and persons in control of workplaces have a statutory duty of care to provide a safe workplace for all personnel working at the site, accessing the site or impacted by the construction activity including employees, contractors, subcontractors, visitors to the site and the general public.

This TMP forms part of the overall project Safety Management Plan, and provides details on how all road users considered likely to travel through, past, or around the worksite and those impacted by the works will be safely and efficiently managed for the full duration of the site occupancy and works.

All traffic management works and control devices shall be in accordance with

- OHS Act (2004)
- OHS Regulations (2007)
- Australian Standard AS1742.3; Traffic Control Devices for Works on Roads (*)
- Worksite Safety Traffic Management- Code of Practice (CoP)
- Australian Standard AS/NZS 4360; Risk management
- Australian Standard AS/NZS 4602; High visibility safety garments

* Except where expressly overridden by the Worksite Safety Traffic Management– Code of Practice.

3.1 PERSONAL PROTECTIVE EQUIPMENT

All personnel entering the work site shall correctly wear high visibility vests to AS/NZS 4602, in addition to other protective equipment required on a site-by-site basis (e.g. protective footwear, eye protection, helmet, sun protection, respiratory devices etc.) at all times whilst on the worksite.

3.2 PLANT AND EQUIPMENT

All plant and equipment at the workplace shall meet statutory requirements and have the required registration, licenses or certification where required. All mobile equipment shall be fitted with suitable reversing alarms. All mobile plant and vehicles shall be fitted with rotating flashing yellow lamps in accordance with AS1742.3 clause 3.12.1. All workers will be made aware of the safe work practice at the time of the site induction.

3.3 EMERGENCY ARRANGEMENTS

Emergency services will have continual access to all properties and the worksite; workers onsite shall assist emergency vehicles requiring to enter and/or travel through the worksite.

3.4 INCIDENT/ACCIDENT PROCEDURES

In the event of an incident or accident, whether or not involving traffic or road users, all work shall cease and traffic shall be stopped as necessary to avoid further deterioration of the situation. First Aid shall be administered as necessary, and medical assistance shall be called for if required. For life threatening injuries an ambulance shall be called on telephone number 000.

4. HAZARD IDENTIFICATION AND ASSESSMENT

Hazard assessment of the proposed works has identified a number of risk events/items that will be managed by effective traffic management planning and the implementation of this TMP. The assessment process has been undertaken in accordance with Worksite safety traffic management code of practice

All identified risks have been treated by development of this TMP. Unforeseen risks arising during the works will be treated in accordance with standard work practices and procedures where appropriate.

4.1 SITE CONSTRAINTS / IMPACTS

The subject site is located within the grounds of the Young High school, this imposes its own site constraints. This site itself occupies multiple lots and is shown below.



4.2 INTERSECTION CAPACITY

In accordance with AS 1742.3 table 4.10

4.3 EXISTING PARKING FACILITIES

Worker parking will take place on the sporting oval accessed via Berthong Street, Young. On street parking shall remain available to general public.

4.4 PUBLIC TRANSPORT

No bus stops will be affected by these works

4.5 SPECIAL EVENTS AND OTHER WORKS

Contact with the Local Government Authority and service providers have indicated that there are no other works expected in the vicinity of the construction site. As such, no impacts are expected.

4.6 NON-MOTORIZED ROAD USERS

The worksite and its immediate surroundings shall be suitably protected and free of hazards, which could result in tripping by non-motorized road users. Hazards, which cannot be removed, shall be suitably protected to prevent injury to road users, including those with sight impairment. Where level differences are significant, suitable barriers, which preclude pedestrian access shall be used.

Where works extend beyond daylight hours and adjacent lighting is insufficient to illuminate hazards to non-motorized road users, appropriate temporary lighting shall be installed.

PEDESTRIANS

There are pedestrian pathways within the work area, if required this path will be closed to pedestrians & pedestrians re-directed to opposite side using existing crossing and walkways to cross the road safely. A traffic controller will be situated at these closure point to assist.

4.7 PEOPLE WITH DISABILITIES

There are pedestrian pathways within the work area, if required this path will be closed to pedestrians & pedestrians re-directed to opposite side using the signalized intersection traffic lights to cross the road safely. A traffic controller will be situated at these closure point to assist.

4.8 SCHOOL CROSSINGS/ ZONES

Schools are in the vicinity of the works but will not be effected by these works.

4.9 ACCESS TO ADJOINING PROPERTIES

No adjoining property access will be impacted by the works.

4.10 ENVIRONMENTAL CONDITIONS

WEATHER

Check with the bureau of meteorology for weather forecast, adjust TMP accordingly.

4.11 EXISTING SIGNAGE:

All existing speed signage within the site to be covered.

4.12 NIGHT WORK PROVISION

All works are expected to be undertaken during daylight hours to minimize the impact on local residents.

5. CONSULTATION & COMMUNICATION

Hilltops Council will be involved in the planning of the TCP's to ensure no overlap of works..

6. APPROVALS & PERMITS

Hilltops Council approval.

6.1 PUBLIC NOTIFICATION

All works taking place within the confines of school grounds, no public notifications required.

6.2 NOTIFICATION OF OTHER AGENCIES

As stated above the Hilltops Council will be involved in planning,

7. IMPLEMENTATION

7.1 HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL

In establishing adequate controls for the hazards identified in Section 4.1, a structured approach via the use of the hierarchy of control as outlined below:

- Elimination
- Substitution
- Engineering
- Administration
- Personal Protection Equipment

Safe traffic management practices require that the Supervisor evaluate all traffic arrangements before they are open to traffic and immediately following the opening to traffic. Adjustments are to be made as required and recorded in the daily diary, including reasons for the changes. The Supervisor is also required to evaluate the traffic arrangements where site conditions change, new hazards that arise throughout the work will be subject to risk assessment and incorporated onto the Risk Register.

7.2 TRAFFIC CONTROL PLANS

The Traffic control plans have been provided for the following to demonstrate the type of controls that will be implemented throughout the term of the contract.

ACTIVITY / RISK TREATMENT	TRAFFIC CONTROL PLAN DOCUMENT CONTROL
Main Site Entry Caple Street, Young	AW2020-266 – Page 1
Worker Parking Berthong Street, Young	AW2020-266 – Page 2
Main School Entry Campbell Street, Young	AW2020-266 –Page 3

At times one or more TCP will be implemented, no conflict of signage will occur.

7.3 TRAFFIC CONTROL DEVICES

Traffic control devices shall be erected in accordance with the TCP's.

Before work commences, signs and devices at the approaches to the work area shall be erected in the following sequence:

- A. Advance Warning Signs. (Erect approach and departure signs on approaches to the work site)
- B. All intermediate advance and positional signs and devices required in advance of the taper or start of the work area.
- C. All delineating devices required to form the taper including the illuminated flashing arrow sign at the end of the taper where required. (Install delineation devices and lane closures).
- D. Delineation past the work area.
- E. All other required warning and regulatory signs.

A vehicle displaying a vehicle mounted warning device shall be used in advance of the signs and traffic control devices to protect workers setting out the signs or traffic cones associated with the taper.

The signs and traffic control devices are to be removed in the reverse order of installation. A vehicle displaying a vehicle mounted warning device shall be used in advance of the signs and traffic control devices to protect workers removing the signs or traffic control devices.

A detailed listing depicting the type and quantity of devices required to implement this TMP is included in the TCP. Should the use of additional (not shown on the TCP or listing of devices) or reduced number of devices be required due to unforeseen needs, they shall be recorded within the Daily Diary as a variation to the TMP, following prior approval. Work will not commence or continue until all signs, devices and barricades are in place and operational in accordance with the requirements of the TMP. The number, type and location of signs, devices and barricades shall be to a standard not less than the requirements of the Worksite Safety

Traffic Management- Code of Practice (CoP) and AS1742.3 (except where specifically detailed in this TMP with reasons for the variations). Devices no longer required shall be promptly and completely removed from road user's lines of sight.

7.4 SIGNAGE

All signs shall be in accordance with Traffic Control at Work site Technical Manual and shall be Class 1 retro-reflective. The Symbolic Worker sign and the Symbolic Traffic Controller shall also be fluorescent. Prior to the installation all signs shall be checked for damage and cleanliness and repaired, replaced or cleaned as necessary.

Signs and devices shall be erected in accordance with the locations and spacing shown on the drawings such that:

- They are properly displayed and securely mounted;
- They are within the driver's line of sight;
- They cannot be obscured from view;
- They do not obscure other devices from the driver's line of sight
- They do not become a possible hazard to workers or vehicles; and
- They do not deflect traffic into an undesirable path.

All existing speed limit signs on the carriageway within the work site shall be covered for the duration of the works whilst temporary speed limit signs are in place.

DELINEATION

Cones or bollards shall be implemented in accordance with the drawings as temporary lane separators between through traffic lanes as shown in the TCPs". Cones and bollards shall be fitted with suitable white retro-reflective tape placed in accordance with AS 1742.3.

All cones or bollards will be inspected daily and where displaced or missing made good immediately.

The Supervisor will inspect cones at intervals necessary to ensure any miss-alignment or displacement is identified and corrected prior to this causing disruption to traffic

8. SITE ACCESS

8.1 PROVISION FOR DELIVERIES

Works vehicles (traffic control vehicles, trucks, plant & equipment) will access the site from travelling east on Ripon Street Left turn into Caple Street and enter through Site entry before proceeding to the holding bay. All workers including delivery trucks will be notified where the site entrance is according to that TCP.

8.2 PLANT PARKING/ STORAGE

All equipment will be stored securely on site when works not proceeding.

8.3 STAGING AREA

As there is sufficient site access and parking area within the work site no staging area will be required.

8.4 WORKER PARKING

Worker parking or excess vehicle parking shall be on the school oval accessed via Berthong Street

8.5 COMMUNICATING TMP REQUIREMENTS

TOOLBOX MEETINGS

Site-wide Toolbox meetings to be carried out when the TMP changes.

SAFE WORK METHOD STATEMENTS

SWMS will be reviewed when the TMP changes.

9. MONITORING AND MEASUREMENT

9.1 SITE INSPECTIONS & RECORD KEEPING

The Site manager will ensure that the Traffic Management Plan is implemented and evaluated for effectiveness. The Supervisor shall inspect and monitor traffic movements around the site in conjunction with the personnel who have erected the control measures. The outcomes of the inspection will be noted for the information of the Traffic control site manager.

Inspections shall be undertaken as required and at a minimum on the following occasions:

- Before the start of work activities on site;
- Closing down at the end of the shift period; and
- During the hours of work; after hours.

A daily record of the inspections should be kept indicating:

- When traffic controls were erected;
- When changes to controls occurred and why the changes were undertaken;

- Any significant incidents or observations associated with the traffic controls and their impacts on road users or adjacent properties.

Where significant changes to the work or traffic environment or adverse impacts are observed, the controls should be reviewed as a matter of urgency. Daily Job Sheets shall be completed by the person undertaking the inspections and reviewed by the Supervisor. All variations to the TMP/TCP, non-conformances, incidents and accidents shall be recorded. Copies of the completed report shall be forwarded to the Traffic control site manager and the Superintendent's Representative.

9.2 TMP & TCP AUDITING

One compliance audit (using the 'Traffic Control at Work Site Safety Inspection Checklist' from the Traffic Control at Work Site Technical Manual) shall be conducted following setting-up of the traffic management and prior to commencement of the works. Audit findings, recommendations and actions taken shall be documented and copies forwarded to the Traffic control site manager.

9.3 PUBLIC FEEDBACK

A Record of comments and complaints received from the public are registered.

The Supervisor shall be responsible for the monitoring of the Register on a daily basis.

10. MANAGEMENT REVIEW

10.1 TMP REVIEW AND IMPROVEMENT

JOSS Construction complete an audit and report on the safety and effectiveness of the TMP and TCP

10.2 VARIATIONS TO STANDARDS AND PLANS

There are no departures from the requirements of AS 1742.3-2009 or Traffic Control at Work Site Technical Manual

On-site variations, if required, shall generally only be made following approval by the Superintendent's Representative and recorded in the daily diary. In emergency situations, on-site variations shall be made and recorded in the daily diary, and the Superintendent's Representative notified as soon as practicable.

11. ACTS AND REGULATIONS:

- Interpretation of Legislation Act 1984
- Occupational Health and Safety Act 2004
- Public Record Act 1973
- Road Management Act 2004
- Worksite Safety Traffic Management Code of Practice (March 2004)
- Road Safety Act 1986
- Occupational Health and Safety Regulations 2007
- Road Safety (Traffic Management) Regulations 2009
- Road Safety Road Rules 2009

12. AUSTRALIAN STANDARDS

- AS 1742.2-2009: Manual of Uniform Traffic Control Devices, Part 2: Traffic Control Devices for General Use
- AS 1742.3-2009: Manual of Uniform Traffic Control Devices, Part 3: Traffic Control for Works on Roads
- AS 1742.14-2002: Manual of Uniform Traffic Control Devices, Part 14: Traffic Signals
- AS/NZS 1906.1-2007: Retroreflective Materials and Devices for Road Traffic Control Purposes, Part 1: Retroreflective Sheetting
- AS/NZS 1906.4-1997: Retroreflective Materials and Devices for Road Traffic Control Purposes, Part 4: High Visibility Materials for Safety Garments
- AS/NZS 3845-1999: Road Safety Barrier Systems
- AS/NZS 4360-2004: Risk Management
- AS/NZS 4602-1999: High Visibility Safety Garments

13. OTHER RELEVANT DOCUMENTATION

- Austroads Guide to Road Design – Part 6: Roadside Design, Safety and Barriers 2009
- Austroads Guide to Traffic Management – Part 8: Local Area Traffic Management 2008
- Austroads Guide to Road Safety – Part 6: Road Safety Audit 2009
- MASH: Manual for Assessing Highway Safety Features
- NCHRP Report 350: Recommended Procedures for the Safety Performance Evaluation of Highway Features
- WorkSafe Victoria: Framework for Undertaking Work Near Overhead and Underground Assets – Guide to the No Go Zones, July 2004
- WorkSafe Victoria: How WorkSafe applies the law in relation to Reasonably Practicable, November 2007
- Traffic Control at Work Site Technical Manual, November 2020.

TRAFFIC CONTROL PLANS



