

PEOPLE WHO BUILD

TRAFFIC AND PARKING MANAGEMENT SUB PLAN

PROJECT NAME

THE FOREST HIGH SCHOOL

PROJECT NO.

ADCO - (3634)

TRAFFIC AND PARKING MANAGEMENT SUB PLAN



PLAN CONTROL AND AMENDMENT

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Project Version History

Revision	Date	Description / Updates	Reviewed By	Approved By
V0	04/10/2023	CC1 Submission	KGS	DL

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1.0 SCOPE OF PROJECT AND MANAGEMENT SUB PLAN

PROJECT DETAILS

Scope of the Sub Plan	<p>This Traffic and Parking Management Sub Plan is an integral part of the ADCO Health & Safety Management Plan implemented at the Project Site. This Plan defines traffic and parking objectives throughout the Project Establishment and Construction Delivery Phase to ensure that the risks to health and safety are identified, assessed, evaluated, and controlled in a systematic way.</p> <p>Refer to Section 1.1 and 3.1.1 of the ADCO Project Health & Safety Management Plan and Project Environmental Management Plan for how the Management Sub Plans forms part of the ADCO HSEQ Management System.</p> <p>NOTE: The requirements of the local council and/or road authority must be met. Additional approvals for road occupancy, the establishment of construction zones and related driveway entry/exits may also be required. Details must be incorporated into this Management Sub Plan as relevant.</p>
Objectives of the Sub Plan	<ul style="list-style-type: none"> / Avoid or minimise potential conflicts between construction traffic, motorists, project neighbours and pedestrians, cyclists, or others. / Protect the public from incidents of actual or potential injury associated with the operation of construction vehicles and mobile plant, machinery, or equipment. / Prevent moving plant, machinery, or equipment injuries to workers at the Project Site or the public and entries to/from the Project Site. / Wherever practicable maintain a one direction roadway network within the Project Site. / Avoid the creation of traffic congestion and delays where reasonably practicable.
Scope of Works	<p>This Management Sub Plan has been prepared based on the following scope of works:</p> <ul style="list-style-type: none"> / Site establishment including office and compound setup. / Piling works / Excavation and Inground Services / Construction of Structure and Building Envelope. / Fit out and completion works. <p>Delivery of the project will require a large workforce and the use of a range of construction vehicles and mobile plant</p>
Key Issues and Risks	<p>Construction related traffic and parking issues are expected to be primarily associated with:</p> <ul style="list-style-type: none"> / Worker numbers adding to existing pressures on public parking. / Construction vehicle and mobile plant movements adding to existing traffic congestion.

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PROJECT DETAILS

- / Noise from heavy vehicles using local streets.
- / The delivery of materials to site during approved work hours where this occurs from a road frontage.
- / The entry and queuing of heavy vehicles at the site for continuous deliveries e.g., batched concrete delivery.
- / The delivery of oversized plant outside approved hours of work.
- / Collection and replacement of waste skips.
- / Confusion or frustration over traffic direction, diversions, lane closures or other alterations.
- / Interaction with existing operational facilities at or adjacent to the site.

Compliance with the Project Health & Safety Management Plan, the Project Environmental Management Plan and this Management Sub Plan is intended to mitigate the hazards and risks and potential aspects and impacts of construction traffic and parking on the community and adjacent facilities. If appropriate controls and monitoring are not implemented, the potential exists for:

- / Traffic incidents.
- / Worker or public injury.
- / Motorist frustration.
- / Air quality impacts.
- / Operational impacts on local businesses and facilities.
- / Complaints.
- / Fines; and
- / Non-compliance with permits and approvals.

Project Guidelines

ADCO requirements:

- / Procedure [Traffic Management And Movement](#)

Summary of Site Controls

Works must be undertaken in accordance with the ADCO HSEQ Management System, the Project Health and Safety Management Plan, The Project Environmental Management Plan, and this Management Sub Plan. These documents detail the ADCO approach and commitment to pro-active and responsible project management.

Site specific controls, monitoring, reporting and performance measures have been identified in this Management Sub Plan to minimise the potential conflicts and impacts of construction traffic on the community, neighbours, motorists, and workers. These include but are not limited to:

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PROJECT DETAILS

- / Ensuring that relevant information on changes to traffic arrangements including lane closures and details are clearly displayed or provided to relevant stakeholders and interested parties/sensitive receivers in advance of any material (significant) change.
- / Installing clear and concise signage on local roads being used by construction traffic.
- / Separating construction traffic and workers within the project site using impact resistant barriers or segregated pedestrian corridors and signage.
- / Segregating pedestrian entry/exit from the site from vehicle entry/exit.
- / Controlling construction vehicle access and egress to the site.
- / Providing a one direction roadway network within the Project Site.
- / Evaluating the effectiveness of traffic measures.

Traffic management requirements, access restrictions, road authority requirements and general site rules related to parking and start times and speed restrictions, must be included in relevant specifications, contract agreements, quality assurance documents, and subcontractor work method statements.

Site inspections, monitoring and reporting will be undertaken by ADCO, and Subcontractor Company(s) as detailed in the Project Health & Safety Management Plan, the Project Environmental Management Plan, and the following implementation table.

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2.0 IMPLEMENTATION OF THE MANAGEMENT SUB PLAN

CONTROL MEASURE	TIMING	METHODOLOGY	RESPONSIBILITY	MONITORING AND REPORTING	PERFORMANCE MEASUREMENT
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2.1 Planning and Project Site Establishment

Obtain details of existing traffic conditions/vehicle numbers and other relevant information, and copies of any existing local road and traffic management plans.	During design. Prior to works commencing	Review existing data and assess existing conditions to determine the potential impact of construction related activities. Identify the requirements of the relevant road authority and incorporate into the design of the site establishment and project documents.	PM SM	Project Risk Register includes an assessment of traffic and is updated monthly as required. Complaints are logged and a response provided.	Agreement on traffic arrangements achieved. Relevant permits and approvals obtained. Risk Register Current.
Include information in the Site Induction about traffic and parking locations, restrictions, and site rules.	Prior to construction	Revise ADCO induction package to include site specific information on traffic and parking management.	PM SM	Subcontractor SWMSs address traffic, parking, and deliveries.	Site induction delivered to all workers on site.

2.2 During Construction Delivery

Control vehicle and human access into and within the site.	At all times	Install security gates and signage to prevent unauthorised access to the project site.	SM	Include in subcontractor SWMS.	No unauthorised access identified.
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CONTROL MEASURE	TIMING	METHODOLOGY	RESPONSIBILITY	MONITORING AND REPORTING	PERFORMANCE MEASUREMENT
		<p>Ensure gates are engineered to prevent toppling outwards or inwards.</p> <p>Ensure that delivery drivers remain in their vehicle (unless they are inducted) and are instead instructed by the relevant supervisor.</p> <p>Provide visitor and worker parking (where possible) and clearly delineate these areas.</p>		<p>Document approved routes.</p> <p>Monitor site entry and local road use.</p> <p>Check site signage.</p>	Signage in place and maintained.
Control construction traffic and plant movements and deliveries within and external to the site.	At all times	<p>Establish physical barriers and signage to control traffic direction, speed (10km/hr) and movements to/within the site.</p> <p>Ensure construction traffic and pedestrian movement uses approved/controlled site access points only.</p> <p>Identify locations and restrictions for vehicle parking, queuing, and reversing.</p>	<p>SM</p> <p>Engineers</p> <p>Subcontractors</p>	<p>Monitor vehicle movements.</p> <p>Monitor compliance with authority requirements.</p>	<p>No non-conformances against regulatory requirements.</p> <p>No complaints or fines.</p> <p>No plant personnel potential/actual impact incidents.</p>

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CONTROL MEASURE	TIMING	METHODOLOGY	RESPONSIBILITY	MONITORING AND REPORTING	PERFORMANCE MEASUREMENT
		<p>Uneven terrain project sites must consider risks associated with runaway/rollaway unoccupied vehicles.</p> <p>Mandate that construction traffic uses approved road routes only during approved times only.</p> <p>For concrete pours, provide a traffic controller to oversee trucks reversing to Pump Hoppers. Isolate the pump and surrounding area.</p> <p>Address the requirements of the relevant road authority and project approval in all SWMS and Traffic Management Plans.</p>			
Schedule deliveries and waste collection at times that minimise the impact of the activity on local traffic conditions.	At all times	<p>Identify appropriate delivery times and communicate these to supplies/service providers.</p> <p>Identify suitable locations for delivery trucks to park (away from moving vehicles) so that contact can be made with the relevant site representative for access.</p>	<p>SM</p> <p>Subcontractors</p>	Monitor deliveries and pickups.	<p>Impacts minimised.</p> <p>No complaints.</p>

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CONTROL MEASURE	TIMING	METHODOLOGY	RESPONSIBILITY	MONITORING AND REPORTING	PERFORMANCE MEASUREMENT
Vehicles moving direction	At all times	<p>All vehicles moving on site will move in a forward direction (most preferred) If reversing (least preferred) is necessary the Subcontractor Company must provide a suitably trained person to give direction and keep other persons from entering the area.</p> <p>Detailed and instructed in the Site induction and included in Subcontractors SWMS</p>	All	Monitor compliance.	No unguided reversing.
Prevent the tracking of soil/mud off-site by construction vehicles.	At all times	<p>Site may require a wheel wash or shaker facility to be installed.</p> <p>All loads covered by the Subcontractor Company when departing the project site.</p>	PM Subcontractors	Condition of site access monitored and maintained.	<p>No tracking.</p> <p>No spillage of material onto roadways or footpaths.</p> <p>No complaints or fines.</p>
All vehicles entering site are road registered and maintained in good condition.	At all times	<p>Subcontractors must undertake daily inspections.</p> <p>Gate keeper to monitor construction vehicle registration and condition.</p>	SM Foreman	<p>Monitor compliance.</p> <p>Address in subcontractor SWMS.</p>	<p>No nonconforming plant used on site.</p> <p>No unqualified operators identified.</p> <p>No plant related incidents (spillage).</p>

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CONTROL MEASURE	TIMING	METHODOLOGY	RESPONSIBILITY	MONITORING AND REPORTING	PERFORMANCE MEASUREMENT
		All operators must hold appropriate certification of competency and/or be trained and supervised (as relevant).		Review and retain plant inspection records.	Vehicles registered and roadworthy.

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Construction Parking Plan

