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Transport Planning, Traffic Impact Assessments, Road Safety Audits, Expert Witness

30 April 2021

Reference: 210171.01FA

SCECGS Redlands Limited
C/O Bloompark Consulting
Suite 2.04/41 McLaren Street,
North Sydney NSW 2060
Attention: Lee Thompson

OPERATIONAL TRAFFIC MANAGEMENT PLAN FOR THE SCECGS REDLANDS AT 272 MILITARY ROAD, CREMORNE

Dear Lee,

Reference is made to your request to provide an operational traffic management plan (OTMP) for the approved Stage 1 of the SCECGS Redlands staged development at 272 Military Road, Cremorne (SSD6454).

The scope of this OTMP includes only the operations of the approved through link between Waters Road and Military Road and all use of this through-site link shall be consistent with this document. The through-site link is indicated in **Figure 1**.

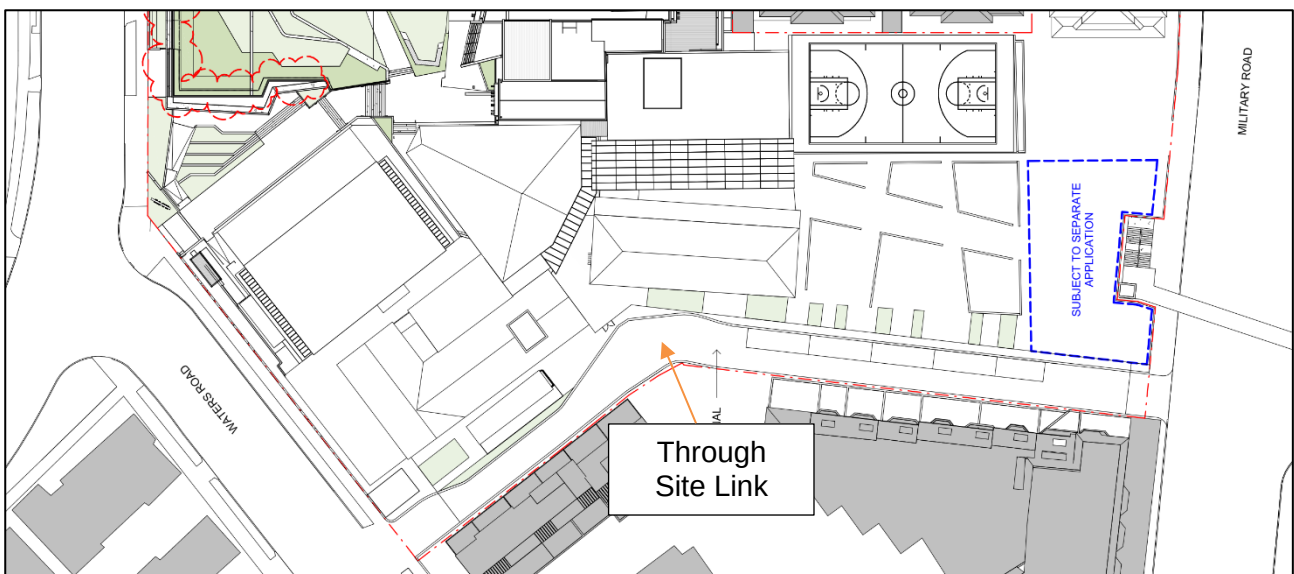


FIGURE 1: THROUGH SITE LINK

1 Requirements of Consent Authority

This OTMP has been completed to satisfy Conditions E5 & E6 of the Development Consent issued by the Minister for Planning on 28 April 2016. The text of conditions E5 and E6 is reproduced below.

Operational Traffic Management Plan - Internal Access Road

E5. Prior to the commencement of use of the internal access road between Waters Road and Military Road, a detailed Operational Traffic Management Plan (OTMP) shall be provided to the satisfaction of the Secretary. The Plan must address but not limited to the following aspects:

- a) the type, frequency and duration of stay of all vehicle types;*
- b) vehicle parking and pick-up and set-down locations for students;*
- c) operating hours for the specific vehicle types;*
- d) restrictions on vehicular access;*
- e) measures to minimise the migration of fumes to the adjoining residential properties;*
- f) measures to mitigate all potential noise impacts including but not limited to the vehicle movements, garbage collection and student congregation;*
- g) management of complaints from adjoining residential properties; and*
- h) monitoring and review of the operation of the internal access road to ensure its ongoing acceptable performance.*

E6. The Applicant shall ensure that the OTMP (as revised and approved by the Secretary from time to time) is implemented for the life of the development.

A summary of responses to Conditions E5 and E6 is provided in **Table 1**.

TABLE 1: SUMMARY OF RESPONSES

Condition	Refer To
E5 a) the type, frequency and duration of stay of all vehicle types	Section 3
E5 b) vehicle parking and pick-up and set-down locations for students	Section 8
E5 c) operating hours for the specific vehicle types	Section 5
E5 d) restrictions on vehicular access	Section 4.
E5 e) measures to minimise the migration of fumes to the adjoining residential properties	Section 6
E5 f) measures to mitigate all potential noise impacts including but not limited to the vehicle movements, garbage collection and student congregation	Section 7
E5 g) management of complaints from adjoining residential properties	Section 9
E5 h) monitoring and review of the operation of the internal access road to ensure its ongoing acceptable performance.	Section 10
E6 The Applicant shall ensure that the OTMP (as revised and approved by the Secretary from time to time) is implemented for the life of the development.	Section 10

2 Implementation of the OTMP

The ongoing implementation and maintenance of this OTMP is the responsibility of SCECGS Redlands (the School). The School shall ensure that the requirements of this OTMP are appropriately notified to all staff and contractors.

3 Use of Through-Site Link

Use of the through site link shall be restricted to:

- Service and delivery vehicles, including waste collection vehicles:
 - Service and delivery vehicles will stay on site for up to 30 minutes at a time;
 - Waste collection vehicles will stay on-site for up to 10 minutes at a time.
- Privately operated buses of up to 14.5m in length. Buses will stay on-site for up to 30 minutes at a time;
- School operations and maintenance vehicles (light commercial vehicles). These vehicles are not limited in their duration of stay in the through site link.

No other vehicles shall be permitted to use the through-site link without the written prior permission of school management. No pedestrian access to the through-site link shall be permitted.

4 Access Control

Access to the through-site link shall be physically restricted by gates at both the entry and exit points. The gates shall be electronically locked with an override system with access control in place in case of power failure.

5 Operating Hours

Servicing and loading activities using the through-site link shall occur as per the following:

- Waste collection will be undertaken between 6:00 AM and 6:30 AM;
- Deliveries and other servicing activities shall occur between 6:30 AM to 8:00 AM, 10:00 AM to 2:00 PM and 4:30 PM to 7:00 PM.

Use of the through-site by privately operated buses will occur between the hours of 7:30 AM to 9:00 AM and 2:30 PM to 5:00 PM other than external user groups, from time to time.

School operations and maintenance vehicles are permitted to use the through-site link between the hours of 6:00 AM and 10:00 PM, however, it is noted that these vehicles are light vehicles with minimal noise emissions.

6 Mitigation of Vehicle Fumes

All vehicles using the through-site link shall limit idling to a two-minute maximum.

7 Mitigation of Noise

The following measures must be followed at all times to limit the potential for noise impacts on neighbouring sites:

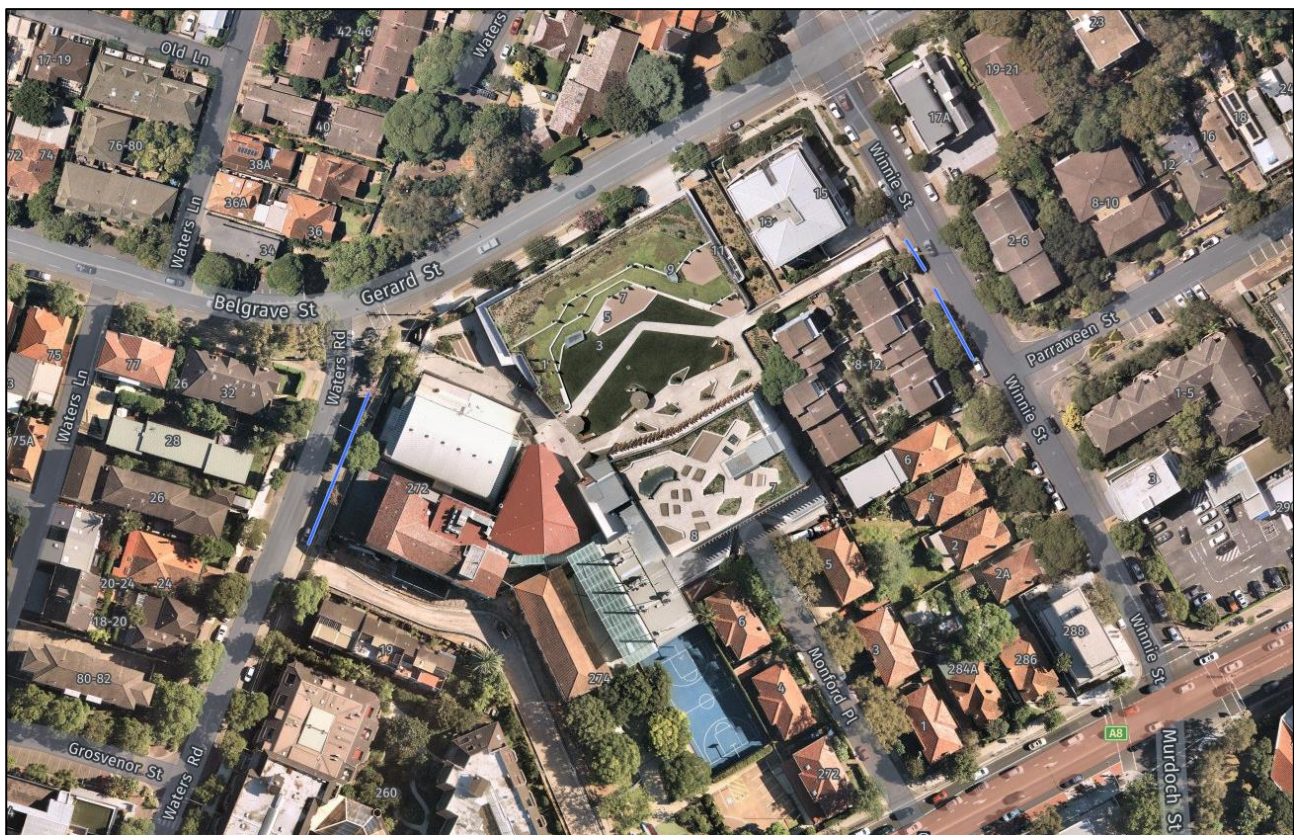
- Waste collection shall occur only between 6:00 AM and 6:30 AM;
- Use by buses shall be limited to 7:30 AM to 9:00 AM and 2:30 PM to 5:00 PM;
- Students will be assembled in the Liggins courtyard and will be prevented from congregating in the through-site link while waiting for buses;
- Vehicle speeds within the through-site link shall be limited to 5km/h to minimise acceleration and braking;
- All staff and contractors shall be instructed not to use raised voices whilst on-site.

8 Student Parking, Drop-Off and Pick-Up

The through site link shall not be used for the purposes of vehicle parking or for the drop-off or collection of school students or staff.

Car parking for staff is facilitated in the approved 68-space basement car park accessed from Gerard Street. This car park is only available to staff on regular school days but will be available to parents/carers during weekend sport and other infrequent events.

The drop-off and pick-up of students is to occur in the designated “2 Minute” parking zones along Winnie Street and Waters Road. These locations are marked on an aerial image in Figure 2.



2 – Minute Parking Zones for Student Drop-Off and Pick-Up

Source: Nearmap 2021

FIGURE 2: STUDENT DROP-OFF AND PICK-UP ZONES

9 Complaints Management

Any complaints made to the School that relate to the use of the through-site link shall be appropriately archived for ease of reference during the review and revision process which is outlined in **Section 10**. All complaints shall be responded to in the same media in which they are made within 30 days (i.e. Emailed complaints shall be responded to by email and mailed complaints shall be responded to by mail etc.).

10 Monitoring

The entry and exit points of the through-site link shall be monitored by 24-hour CCTV cameras and the footage retained for at least 30 days to allow for the review of footage:

- If any incidents occur at or near the entry or exit points to the through-site link;
- If any complaints are received with regards to the operation of the through site link;
- To assist in the review and revision of this OTMP and/or the function of the through-site link;
- For any other purposes as needed.

School maintenance staff shall take note of and report any damage to or malfunction of the through site link, including the internal road pavement, the kerbs and gutters, the lighting, the fencing and the gate mechanisms.

11 Review and Revision of OTMP

This document is able to be reasonably modified following the consultation with and approval by:

- a) The School
- b) A suitably qualified traffic engineering with RMS accredited Level 3 road safety auditing qualifications or similar qualifications.

The OTAMP should be reviewed six (6) months after its implementation and then every 24-months months for the next four (4) years thereafter. After this time the OTMP should be reviewed any time the operation or external road conditions significantly alter. If needed, minor changes to the hours of use of the through-site link can be made without consultation, however, these changes must be specifically reviewed and assessed during the next scheduled review.

The review process shall include a review of any complaints received related to the through-site link, the typical weekly usage of the through-site link and any feedback from the School as to how the function of the through-site link could be improved.

Any changes made to the OTMP must not increase traffic, noise or emissions impacts on the surrounding roads or neighbours.

Please contact the undersigned should you require further information or assistance.

Yours faithfully

McLaren Traffic Engineering



Tom Steal

Senior Traffic Engineer

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RMS Accredited Level 2 Road Safety Auditor