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Item No: Y7  Traffic Matters on Local Roads – Recommendation to C&E for Consideration

Subject: MANNING ROAD, DOUBLE BAY - TEMPORARY HALF ROAD CLOSURE TO ALLOW INSTALLATION OF PRECAST PANELS

Author: Frank Rotta – Traffic Engineer

File No: T300

Reason for Report: Traffic Committee approval of TMP, TCP & Temporary Parking Restrictions

Recommendation:

A. That the TMP and TCP for installation of the pre-cast panels onto the building being constructed at No.23 Manning Road be approved subject to:

i. The contractor providing RTA accredited traffic controllers in Manning Road to guide pedestrians across the road on a one to one basis as well as the traffic controllers to manage the vehicular traffic during the works.

ii. 30 metres of ‘No Stopping 8.30am-2.30pm’ restrictions being installed across the road from No.23 Manning Road on the days when the works are occurring to ensure that the bus service along this route is not disrupted.

iii. The traffic alterations required by the TCP only occurring between 9.30am-2.30pm on the days when the works are occurring.

iv. A maximum of 3 days being allocated to complete this project.

v. These works being completed during school holidays.

Issues:

The project manager for the development at No.23 Manning Road, Double Bay has submitted an application for a Permit to Stand Plant with a Traffic Management Plan (TMP) and a Traffic Control Plan (TCP) as supporting documentation for the stage of works which requires the installation of Pre-cast panels on the building.

Manning Road is a busy collector road and it will be necessary to ensure that traffic flows for vehicles and STA buses in this street are retained at all times during these works. Due to the available road width of Manning Road and the size of crane required to lift these pre-cast panels into place, traffic flow can only be maintained if contra flow is introduced adjacent to the site and 30 metres of parking is banned on the opposite side of Manning Road.

The applicant originally requested that a detour be put in place at this location via Forest Road, Kiaora Road and Court Road. This request has been rejected by both Sydney Buses and Council officers. Sydney Buses have also stipulated that they require a minimum lane width of 4 metres to accommodate their buses at this location. In order to accommodate the large crane and the lane width requirement it will be necessary to install 30 metres of ‘No stopping’ restrictions in Manning Road across the road from the development site.

Due to the volumes on this road in peak hours the disruption to traffic should only be allowed between 9.30am and 2.30pm. In order to ensure that the parking spaces are vacated prior to these
works it is proposed that the temporary No Stopping restrictions be in place from 8.30am (i.e between 8.30am-2.30pm).

Additionally the opportunity exists to carry out this work during the school holidays and this should be required of the developer. The current application states that works will occur around 11 April, 2011 which is during the first week of the school holidays.

As Manning Road is a collector road the applicant should also be required to expedite these works and it is proposed that a maximum of 3 days be permitted to complete this project

The TMP and TCP submitted in support of the Permit to Stand Plant are considered satisfactory subject to additional RTA accredited traffic controllers being provided in Manning Road to guide pedestrians across the road on a one to one basis at this busy location.

Copies of the TMP and TCP are attached to the report for perusal by the Committee members.

**Summary:**

Due to the location, restricted road width, the size of crane required, and heavy vehicle volumes in Manning Road, it is inevitable for some partial disruption to traffic to occur during these works. It is recommended that this disruption be minimised by:

vi. The contractor providing RTA accredited traffic controllers in Manning Road to guide pedestrians across the road on a one to one basis as well as the traffic controllers to manage the vehicular traffic during the works.

vii. 30 metres of ‘No Stopping 8.30am-2.30pm’ restrictions being installed across the road from No.23 manning Road on the days when the works are occurring to ensure that the bus service along this route is not disrupted.

viii. The traffic alterations required by the TCP only occurring between 9.30am-2.30pm on the days when the works are occurring.

ix. A maximum of 3 days being allocated to complete this project.

x. These works being completed during school holidays

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**Identification of Income & Expenditure:**

Nil

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**Annexures:**

1. Copy of TMP.
2. Copy of TCP.
Traffic Management Plan

SXP-GLH-2
23 Manning Rd, Double Bay
CONSTRUCTION TRAFFIC MANAGEMENT PLAN

23 Manning Rd, Double Bay

DEVELOPMENT CONSENT APPLICATION No. 226/2006/1

1.0 DEVELOPMENT AND CONSTRUCTION DETAILS.

This CTMP relates to DA No.226/2006/1 which is an approved development application for the demolition of an existing building and the erection of a residential development with basement parking at the premises. Specifically we are planning to change the current traffic conditions for 2 days in order to complete the precast panel delivery and installation works.

The works are currently targeted to commence 11th April 2011 and be complete 12th April 2011 or earlier if possible. On both days we are proposing to use a 130T Crane located along the front of the project to complete Precast Panel Installation Works.

2.0 PREVAILING SITE CONDITIONS.

2.1 The existing traffic and pedestrian conditions are as follows: The site is located in Manning Rd, a moderately busy roadway through Double Bay. There is provision for parking directly across from the project, which will need to be clear for the proposed works. There is also a Bus stop located opposite the site, which will be able to operate as only one lane will be blocked as per the attached plan.

2.2 The route that is being proposed for the activities that will take place have considered all conditions that have a direct involvement with the site and are as follows.

The section of footpath and roadway along the front of the project will not be able to be open for access by pedestrians, motor vehicles and buses from 8:30am in the morning till 3:00pm in the evening. Foot path opposite the project will still have pedestrian access.

2.3 Spacing between edge of crane setup including water-filled barriers and opposite kerb is 4.8m hence with 2m car space allocation these works will not be able to proceed. Therefore a 30m no parking zone between the hours of 8:30am and 3:00pm is required.

This no parking zone will allow traffic flow to continue as per the attached Traffic Control Plan.
3.0 IDENTIFICATION OF AFFECTED PUBLIC DOMAIN AREAS.

It is anticipated that the following areas will be affected through each day:

- Pedestrian walkway along the front of the project will closed for both days. Pedestrians will be directed to cross the road before the project and to use the pedestrian footpath opposite the project.
- One lane of traffic will be blocked to vehicle and buses as the proposed cranes to complete the works will block the lane directly in front of the project.
- Parking directly opposite the project will also be affected as we need this area clear, as due to the size of the crane, this space will be needed to form enough space for vehicle traffic.
- On both days resident vehicle and pedestrian access to Pine Hill Avenue will not be affected.

Attachments of the area indicate anticipated truck access points to and from the site and the intended redirection of motor vehicles and buses due to the road closure.

4.0 MEASURES TO AMELIORATE THE IMPACT OF THE PROPOSED WORKS.

4.1 Adequate and sufficient signage and traffic controllers will be implemented to control all traffic entering and exiting the site during construction period in accordance with AS1742.3. Traffic controllers will be employed primarily to control traffic through Manning Road by use of warning signage upon approach and traffic controllers with appropriate signposts etc.

5.0 CONTACT DETAILS

5.1 Contact point in relation to any breaches of the CTMP shall be Project Manager Justin Morgan on 9363 8800.

5.2 Details of the CTMP shall be distributed to all neighbours affected by the construction works to ensure that the public consultation and information transferal process is maintained. A hard copy shall be available for perusal at the site office.
ATTACHMENTS

- Clearwater traffic management site plans
* Certified Traffic controllers will provide a Parking Lane Closure situation to maintain the flow of traffic and ensure the safety of pedestrians.