

Construction Management Assessment

Detailed State Significant Development Application
Site C, Crows Nest over station development

30012631

30 April 2021

Sydney Metro
Level 43, 680 George Street,
Sydney NSW 2000
Att: Mr Dayle Bennett

Dear Sir,

RE: Crows Nest Metro Station SEARs Construction Traffic Management Plan (CMTP) – OSD Site C

The Department of Planning, Industry and Environment Secretary's Environmental Assessment Requirements (SEARs) for this project (application Number SSD-13852803 dated 24/2/21) has "Key issues to be addressed" including the following relevant to construction:

#4 Integration with Sydney Metro Station infrastructure

- *Show how the SSD will integrate with the CSSI infrastructure such as structural design, detailed architectural approach, access, wayfinding, public domain works and construction management.*

11. Transport, traffic, parking, and access (operation and construction)

- *A draft Construction Traffic Management Plan providing details of predicted construction traffic movements, routes and access arrangements, and outline how construction traffic impacts on existing traffic, public transport, pedestrian and cycle networks would be appropriately managed and mitigated and how cumulative construction traffic impacts with the Sydney Metro project and other surrounding development would be managed and mitigated.*

It is intended that the construction of the Crows Nest over station development (OSD) for Site C will be integrated with the station infrastructure construction management, which is founded on the basic requirements to construct the station box and station and surrounding infrastructure at the same time in this location. AW Edwards has been awarded the construction contract for the Crows Nest integrated station development (ISD), which includes the OSD Site C.

To comply with the CSSI-7400 Conditions of Approval, AW Edwards have prepared a Construction Environment Management Plan (CEMP) and Construction Traffic Management Plan (CTMP) for Crows Nest Station to satisfy the CSSI Conditions of Approval. These construction management documents have been prepared in consultation with Department of Planning Industry and Environment and Transport for NSW, and have been approved.

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The Site C OSD works are inclusive of the Site C OSD, as this is part of the station contract. This cover letter provides extracts from the construction documentation that address the SEARs requirement and are relevant to the Site C OSD.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Colin Henson', with a horizontal line underneath.

Colin Henson

Principal Transport Planner,

SMEC

Appendix A – CTMP for Site C OSD

The following information has been provided to address the SEARs requirement No. 11. It is noted that the final CTMP for Site C OSD has already been prepared and approved in accordance with the CSSI-7400 Conditions of Approval. Any amendments will need to be approved as part of the approved Traffic Management Plan (TMP) for the Crows Nest Station site. This CTMP framework extracts the relevant information relating to the Site C OSD from the CEMP and CTMP prepared by AW Edwards, and detail the specific road safety and traffic management measures that will be applied whilst undertaking construction works for Site C OSD.

The key legislation and regulations of relevance are described below:

- *Roads Act 1993* – Section 138 of the *Roads Act 1993* requires that a person obtain the consent of the appropriate roads authority for the erection of a structure, or the carrying out of a work in, on or over a public road, or the digging up or disturbance of the surface of a public road. If the applicant is a public authority, the roads authority must consult with the applicant before deciding whether or not to grant consent or concurrence.

1.1 Program and construction hours of operation

As discussed, the Site C OSD establishment works will be constructed concurrently with the Integrated station development.

Most construction works would be undertaken between the following standard construction hours:

- 7.00 am to 6.00 pm Monday to Friday
- 8.00 am to 1.00 pm Saturday
- No works on a Sunday or public holiday.

Outside of standard construction hours deliveries associated with works will comply with the approved Construction Traffic Management Plan, the Logistics Lane Traffic Management Plan and the Concrete Delivery Operations Traffic Management Plan.

1.2 Managing existing public transport

Potential impacts to bus routes and bus stops during construction will be managed in accordance with the approved TMP.

Pedestrian access for bus stops, including any existing disabled facilities, will be maintained during any temporary works noting that there are no bus stops directly adjacent to the Site C OSD. School bus services (dedicated to servicing schools, not services that school children happen to use) will operate as normal.

1.3 Managing pedestrians and bicycles

While the Site C OSD does not pertain to any public domain or on-ground works, footpaths surrounding the site (e.g. Pacific Hwy between Oxley St and Hume St) will be closed as part of the Site C OSD site works. Periodic closures if required will be detailed in ROL applications. In the rare case a temporary footpath is required they will be considered under the approved TMP. There are currently no planned activities associated with the Works that specifically and adversely impact cyclists.

1.4 Managing construction traffic

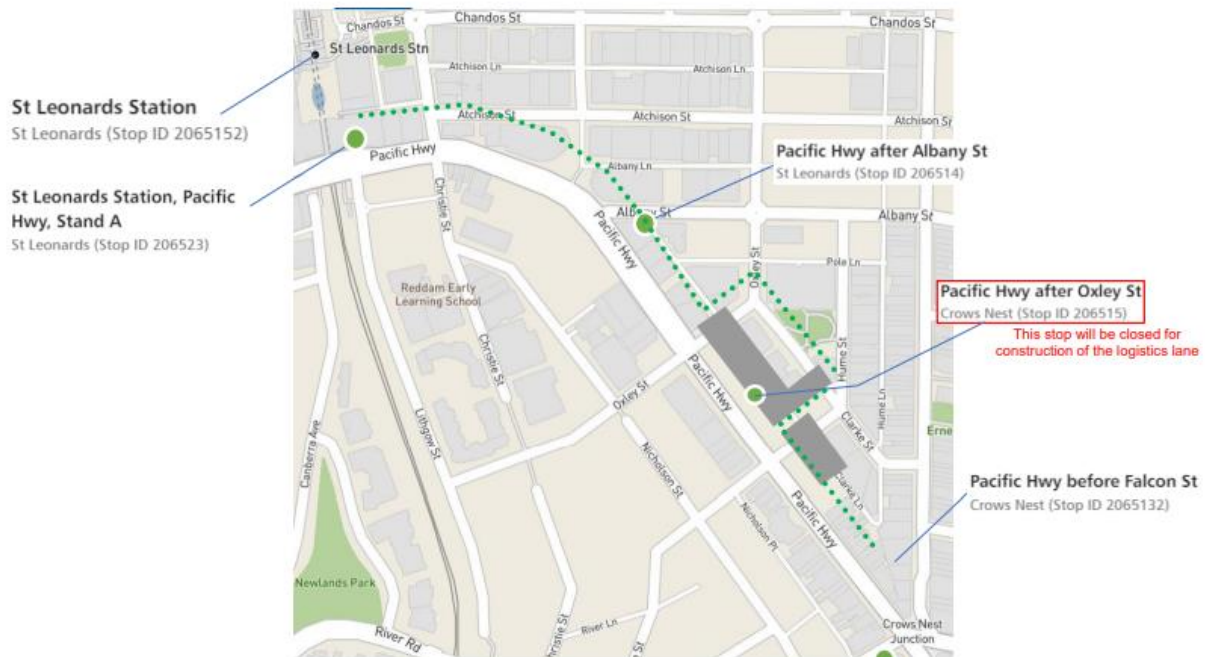
As per the approved TMP, all vehicle movements shall be planned to minimise the impact on the road network, they will:

- Develop a route that maximises the use of the arterial roads, and only utilises permitted roads in accordance with any relevant guidelines and specifications
- Select a route that has minimal impact, and/or, where potential impacts can be effectively managed

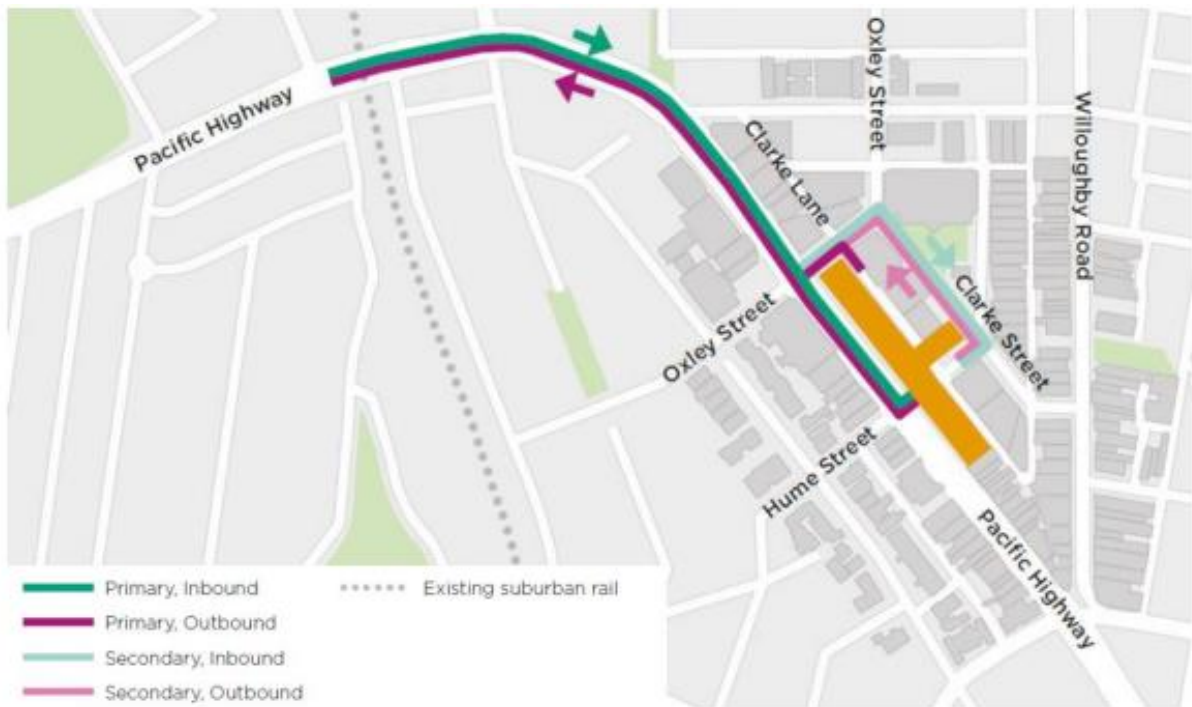
- As required, consult with local councils, road authorities, Traffic and Transport Liaison Group (TTLG) and relevant stakeholders
- Select delivery vehicles that can safely negotiate the route
- Where possible, avoid movements during peak periods
- Develop a detailed access plans and toolbox all drivers on said plans
- Ensure the deliver fleet are regularly maintained by the relevant sub-contractor (detailed in Section 4.1 and 4.2)
- Disciplinary action taken on non-compliant workers.

The types of vehicles used will include: 4WD utilities; single unit trucks; semi-trailers; cranes of varying size; and over dimension floats. Estimated average daily truck movements (in and out) will be developed in consultation with the construction contractor prior to the commencement of works for Site C OSD.

Parking may be temporally lost during the works as per the below figure.



Delivery truck routes, to and from the construction site, were developed in line with the approved TMP and the Metro Project EIS with the view to minimising impacts to local streets while maximising use of state and regional roads. All deliveries will be pre-booked and managed through a web and app-based software tool that allows truck drivers to book a timeslot for loading/ delivery areas and receive real-time notifications. The software also allows the contractor to track actual vehicle arrival and departure times. Other software add-ons that may also be utilised include Driver Induction, Chain of Responsibility, Driver ETA Tracking, Exclusion Zones and Work Permits Scheduling and Plant Inspection Checklist.



3 Obtain Road Occupancy Licences (ROLs)

An ROL is a licence granted to occupy a portion of the road network, e.g. one lane of two for a set time over a set number of days. An ROL shall be obtained by the contractor from TMC prior to conducting any short term works on roads

The three specific areas of approval will include:

- Development works within the road reserve and/or any changes to existing infrastructure (occurring as part of the CSSI Approval)
- Temporary or permanent installation and/or change of any regulatory traffic control device on a road
- Road closures, occupation of the road network to conduct works, and the associated installation of temporary traffic control devices.

The road authorities responsible for roads affected by the Project include local councils, Sydney Coordination Office and Transport for NSW. The contractor shall liaise with these authorities and stakeholders (if required) during construction.

4 Consultation with the community and stakeholders

The Project will engage and inform community and stakeholders in a constructive and transparent process. Details of this commitment to community consultation are described in the *Community Communications Strategy and Business Management Plan* (SMCSWSCN-AWE-SCN-AN-PLN-0000010).

5 Conclusion

This letter has been prepared to confirm the construction traffic, pedestrian and cyclist management measures being facilitated in the construction of the new Crows Nest Site C OSD, which will occur concurrently with the station.