

Mr Matthew Rosel
Key Sites Assessments
Planning & Assessment
Department of Planning, Industry and Environment
4 Parramatta Square
12 Darcy Street
Parramatta NSW 2150

Dear Mr Rosel

Notification of Modification (MOD 11) to Barangaroo Concept Plan (MP 06_0162 MOD 11)

Thank you for your correspondence dated 22 July 2020, requesting Transport for NSW (TfNSW) to review and comment on the above.

Transport Assessment

Comment

The Transport Assessment prepared to support the concept plan does not provide enough information regarding the assessment of the impacts of the proposal on the general traffic, and public transport operation, and safety of pedestrians and cyclists along Hickson Road. Details are provided below:

- Traffic assessment has been undertaken for the development peak only. Any assessment should include development conditions likely to coincide with peak periods that occur on the adjoining road network;
- Information regarding the proposed lane arrangements at the Hickson Road intersections at Barton Street and Watermans Quay have not been included in the documentation; and
- Proposed type of intersection priority control (ie Give Way or Stop signs) at the Hickson Road / Barton Street intersection has also not been stipulated.

Recommendation

It is requested that the following information be provided as part of the applicant's response to submissions:

- An assessment of traffic impacts for allowing Barton Road for the use of general traffic and construction traffic on the general traffic and public transport operation during the morning and afternoon peak periods. Electronic and hard copies of the SIDRA files need to be provided for TfNSW review;
- A concept plan that shows the existing and proposed lane arrangements for Hickson Road including at intersections with both Barton Street and Watermans Quay should be provided; and
- An assessment of the type of intersection priority control (ie Give Way or Stop signs) required at the Hickson Road / Barton Street intersection based on the sight distance requirements in accordance with *Austroads Guide to Road Design, Part 4*.

Safety Assessment of the proposed Intersection Arrangements

Comment

Hickson Road intersections at Barton Street, Watermans Quay and Napoleon Street are located in close proximity to each other, and are proposed to operate with all movements allowed. There are potential safety issues due to this close proximity in particular conflicts between vehicles turning right from Barton Street and vehicles waiting to turn into Watermans Quay from Hickson Road.

In addition, any future traffic signals at Watermans Quay (noted not part of the subject application, although it is mentioned in the traffic assessment documentation) may have adverse safety implications – especially in relation to the well documented “see through” effect of closely spaced traffic control signals.

Recommendation

It is requested that the applicant:

- Undertakes a Stage 2 (Concept Plan) Road Safety Audit for the Hickson Road intersections at Barton Road and Watermans Quay as part of the applicant's response to submissions. This audit shall be undertaken in accordance *with Austroads Guide to Road Safety Part 6: Managing Road Safety Audits* and *Austroads Guide to Road Safety Part 6A: Implementing Road Safety Audits* by an independent TfNSW accredited road safety auditor; and
- Review the design drawings and amend the drawings to incorporate safety measures in consultation with TfNSW as required, based on the results of the road safety audit.

If you require clarification on the above, please don't hesitate to contact Para Sangar, Senior Transport Planner, Land Use Planning and Development on 0466 024 892.

Yours sincerely



5/8/2020

Mark Ozinga

Principal Manager, Land Use Planning and Development
Customer Strategy and Technology

Objective Reference CD20/06199