



3 February 2022

TfNSW Reference: SYD10/00774/37

Client Reference: MP10_0118 MOD 12

Key Sites & Regional Assessment
Department of Planning, Industry and Environment
Locked Bag 5022
Parramatta NSW 2150

Attention: Emma Butcher

SEC 75W MODIFICATION FOR EDMONDSON PARK CONCEPT PLAN - EDMONDSON PARK SOUTH

Dear Sir/Madam,

Reference is made to Department of Planning, Industry and Environment (the Department)'s correspondence dated 18 January 2022, regarding the abovementioned Modification application which was referred to Transport for NSW (TfNSW) for review.

TfNSW has reviewed the submitted information and provides the following comments to the Department for consideration prior to the determination of the application.

1. Cumulative impact of MOD 5

Issue:

It is understood that MOD 5 is currently under-assessment, which proposes an uplift of residential yield from 440 dwelling (MOD 4) to 3200+ dwellings (MOD 5), which will significantly impact on the surrounding road network in particular the intersections along Soldiers Parade and Campbelltown Road.

Recommendation:

Cumulative impact assessment with MOD5 should also be considered in MOD 12, due to the significant cumulative traffic impact of both modifications on the road network.

2. Traffic signal warrant

Issue:

Table 6 states that the traffic signal warrant will be met for the proposed mid-block signalised foot crossing at MacDonald Road, with the assumption (notes under the table) that there is potential for growth as the School development occurs. However, there is no information being provided to support this claim.

Recommendation:

Further supportive information should be provided.

3. Henderson Road Pedestrian Crossing

Issue:

The proposed pedestrian crossing on Henderson Road to the east of Sergeant Street is not supported as it is located quite close to the signalised intersection of Henderson Road and Soldiers Parade where there is an existing crossing point for pedestrians.

Recommendation:

Further pedestrian desire line analysis should be undertaken to identify the need and the suitable location of the proposed pedestrian crossing.

4. School traffic information

Issue:

- The TIA does not provide adequate information regarding the proposed school, such as transport mode split ratio, distribution and etc.
- The proposed catchment of the school is not conducive to walking and cycling to school from the Leppington Area.

Recommendation:

Further information related to the school should be provided.

5. Intersection analysis

Issue:

- The TIA does not assess whether the endorsed intersection configuration (including number of approach lanes, length of turning lane and etc) along Campbelltown Road is adequate to accommodate the increased traffic generated by the proposed school, as well as with the cumulative traffic generation from MOD 5.
- The Aimsun is inadequate to assess the intersection performance.

Recommendation:

Further SIDRA traffic modelling should be undertaken to assess the intersection performance and the need/associated funding for upgrading or road improvement works to minimise the traffic impact on intersections along Campbelltown Road.

6. Traffic modelling files

A copy of the traffic modelling files should be submitted to TfNSW for review.

7. Traffic volumes

Issue:

The traffic volumes in the Appendix B of the Option Assessment Report shows that Soldiers Pde will have less traffic in S3 scenario than S1 scenario. This doesn't make sense as the approach will experiences less traffic when adding 1000 school trips to the precinct.

Recommendation:

Traffic assignment assumptions in the Aimsun model should be revisited.

Upon receipt of the above requested information, TfNSW will undertake further review and provide response accordingly.

If you have any further questions, Mr. Felix Liu would be pleased to take your call on 8849 2113 or email development.sydney@transport.nsw.gov.au. I hope this has been of assistance.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'LVP', with a long horizontal flourish extending to the right.

Laura Van putten
A/Senior Land Use Assessment Coordinator