

16 September 2016

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SF2015/166281
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Social Infrastructure Assessments
NSW Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

Attention: David Gibson

PACIFIC HIGHWAY (HW10): REDEVELOPMENT OF HUNTER SPORTS HIGH SCHOOL (SSD 7532) - REQUEST FOR THE SECRETARY'S ENVIRONMENTAL ASSESSMENT REQUIREMENTS

Reference is made to Department of Planning and Environment's letters dated 3 March 2016 & 5 August 2016, requesting the provision of key issues which Roads and Maritime Services' (Roads and Maritime) considers should form part of the Secretary's Environmental Assessment Requirements (SEARs) for the subject proposal.

Roads and Maritime understands that the proposal includes the staged development of the demolition of existing buildings and construction of new buildings as well as external landscaping and associated infrastructure and services. A new driveway replacing the existing driveway onto the Pacific Highway is proposed and will be 7.5m wide with "No Parking" 20m upstream of the crossover. It is also understood that the subject application does not seek an increase in student numbers.

Roads and Maritime Response

Roads and Maritime has reviewed the information provided by DeWitt Consulting dated March 2016, including the supplementary traffic and parking impact assessment by McLaren Traffic Engineering dated 20 November 2015, and provides the following comments:

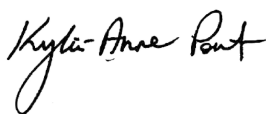
- The Environmental Impact Study should refer to the following guidelines with regard to the traffic and transport impacts of the proposed development:
 - Department of Planning EIS Guidelines for Road and Related Facilities;

Roads and Maritime Services

- Section 2 Traffic Impact Studies of RTA's *Guide to Traffic Generating Developments 2002*.
- A traffic and transport study shall be prepared in accordance with the RTA's Guide to Traffic Generating Developments 2002 and should include (but not be limited to) the following:
 - Assessment of all relevant vehicular traffic routes.
 - Consideration of the traffic impacts on the Pacific Highway and the capacity to safely and efficiently cater for the expected vehicular traffic generated by the proposed development. The traffic impact shall also include the cumulative traffic impact of other traffic-generating developments in the area (existing, proposed or approved).
 - The study should include recent pedestrian counts as well as address the safety and traffic impacts of vehicles dropping off/ picking up students at the school.
 - Current traffic counts for relevant intersections for proposed traffic accessing the site.
- Traffic analysis of any major / relevant intersections, using SIDRA or similar traffic model, including:
 - Current traffic counts and 10 year traffic growth projections, allowing a 2% background growth on the classified road network
 - With and without development scenarios considered
 - 95th percentile back of queue lengths
 - Delays and level of service on all legs for the relevant intersections
 - Use of SIDRA or similar traffic model
 - Electronic input/output data files for RMS review
- The anticipated additional vehicular traffic likely to be generated as a result of the subject proposal and potential future increase of student numbers at the school.
- The distribution on the road network of the trips generated by the proposed development, including into and out of the site. It is requested that the predicted traffic flows are shown diagrammatically to a level of detail sufficient for easy interpretation.
- Any other impacts on the classified (State) road network including consideration of pedestrian, cyclist and public transport facilities and provision for service vehicles.
- Details of any measures proposed to manage and / or mitigate impacts as a result of the proposal identified in traffic and transport study.

Please contact Hunter Land Use at development.hunter@rms.nsw.gov.au if you require any further information.

Yours sincerely,



Kylie-Anne Pont
A/Manager Land Use
Hunter Region