



11 February 2019

RMS Reference: SYD17/01618/03, SYD12/00236/10, SYD12/00236/11, SYD12/00236/12
DPE Ref: SSD 5175 MOD 4, SSD 5175 MOD 5, SSD 5175 MOD 6 and SSD 8588 MOD 2

Team Leader
NSW Department of Planning and Environment
Industry and Key Sites
GPO Box 39
Sydney NSW 2001

Attention: **Emily Dickson**

Dear Sir/Madam

**MODIFICATION TO THE EASTERN CREEK BUSINESS HUB
ROOTY HILL ROAD SOUTH, ROOTY HILL**

Reference is made to the Department of Planning and Environment (DPE) correspondence dated 26 November 2018, regarding the abovementioned Application which was referred to Roads and Maritime Services (Roads and Maritime) for comment.

Roads and Maritime have concerns regarding the location of the proposed roundabout in relation to the signalised intersection of Rooty Hill Road South and Cable Place. The provided traffic report states that the 95 percentage back of queue on the spine road does not extend back through the roundabout. However the submitted traffic modelling indicates that the westbound right turn movements have a 95 percentage back of queue length of 117.7 metres which could result in queues through the proposed roundabout.

Roads and Maritime is concerned that because the roundabout is located only 100 metres east of the signalised intersection on Rooty Hill Road South, the queues through the roundabout will likely result in the roundabout functioning inefficiently, and in turn negatively impacting the signalised intersection.

Roads and Maritime therefore requests the following information for further assessment:

1. Amended plans which relocate the proposed roundabout further to the east, clear of the westbound right turn queue. The relocation is to be supported by an amended Traffic Report.
2. An updated SIDRA Model needs to be submitted to ensure that the relocated roundabout can accommodate projected traffic volumes that will be generated from the proposed development (and any known adjoining developments). Also the signalised intersection on Rooty Hill Road South needs to perform at an acceptable level of service.

This submission is to be supported by modelling which includes the weekend peak scenario not just the PM model. During the preparation of this information the priorities for the right turn movements along Rooty Hill Rd South are to be checked. The electronic SIDRA files and SIDRA output tables are to be submitted for further review.

This additional information request is applicable for SSD 5175 MOD 4-6 and SSD 8588 MOD 2, which are all impacted by the proposed new roundabout on the internal access road between Lots 1 and 2, and associated realignment of the lot boundaries

Any inquiries in relation to this Application can be directed to Amanda Broderick on 8849 2391 or development.sydney@rms.nsw.gov.au.

Yours sincerely,



Malgy Coman
A/ Senior Land Use Planner
North West Precinct