



6 June 2019

RMS Reference: SYD12/00236/16 and SYD17/00918/07  
DPE Ref: SSD 5175 MOD 4 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 15 May 2018, regarding the abovementioned application which was referred to Roads and Maritime Services (Roads and Maritime) for comment.

As stated previously, 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. 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.

To address this issue Roads and Maritime requested the electronic SIDRA files for SSD 5175 MOD 4 and SSD 8588 MOD 2 for review. The SIDRA files have been reviewed by Roads and Maritime and the following comments are offered:

1. The PM and SAT models show the cycle time at 80s and 100s. Cycle time of the new intersection will usually be set to 120-130 max cycle time. By updating the cycle times to the usual standards the LOS should improve. This change is to be made and resubmitted.
2. Changing the right turn arrangements from the development onto Rooty Hill Road South from one right turn movement to a dual right turn would also improve the LOS. Amended modelling is to be provided that assesses the possibility of the installation of a dual right turn exiting the proposed development.
3. Swept path plans are to be provided that assesses the movement of a dual right turn onto Rooty Hill Road South.

The comments above are to be amended and the revised modelling (electronic SIDRA files and SIDRA output tables) and swept path plan are to be submitted for review.

**Roads and Maritime Services**

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

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Pahee'.

Pahee Rathan  
**Senior Land Use Assessment Coordinator**  
**North West Precinct**