

Mergan, Rod

From: MCGILVRAY Kellee A [<mailto:Kellee.MCGILVRAY@rms.nsw.gov.au>]
Sent: Tuesday, 8 July 2014 1:20 PM
To: McDonald, Steven
Subject: FW: Budgewoi Supermarket Proposal

Hi Steven

Having reviewed the information provided, including the SIDRA modelling, RMS can confirm that traffic signals would not be required as part of the proposed Woolworths development.

Based on the information provided, works on the Central Coast Highway would also not be required. However, we do consider that the existing access points and traffic arrangements adjacent to the roundabout will require upgrading and/or rationalisation and/or redesigning as part of the Woolworths development (to maintain operational performance and road safety).

If you have any further questions, or would like to discuss the proposal, please feel free to contact us.

Kind Regards
Kellee

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From: McDonald, Steven [<mailto:SJMcDonald@wyong.nsw.gov.au>]
Sent: Monday, 23 June 2014 2:27 PM
To: TAMHANE Ashish
Subject: Budgewoi Supermarket Proposal

Ash

I refer to our recent meeting at which we discussed the potential RMS requirements associated with a second supermarket in Budgewoi opposite the existing Coles development in Noela Place.

As discussed at the meeting Council has undertaken Sidra modelling of the existing roundabout at the intersection of Central Coast Highway and Noela Place.

The volumes used for the 2014 base case were obtained from an intersection count carried out by Council Staff on 20 June 2014.

Traffic volumes for the proposed supermarket were calculated based on a generation rate of 7.5 vehicles per 100m² NDA (This rate was used for the Coles supermarket and accepted by RMS). The proposed supermarket is approximately 4250m² therefore @ 7.5vp100m² = 319veh (159in and 159out).

I have assumed that 50% of traffic accessing the development will be via the local road network and 50% via the Central Coast Highway and Noela Place intersection. I have evenly distributed the turning movements generated by the proposal to the existing roundabout ie. 80 in and 80 out.

I have assumed 3% background growth for 10 years which I believe is conservative given the low potential for development in the Budgewoi area.

The Sidra results indicated that the existing roundabout will operate at a Los B to 2024 with 3% background traffic growth and traffic generated by the proposed supermarket.

I have attached the electronic Sidra files for your information.

Based on the modelling results could you please confirm that RMS will not require the upgrading of the intersection of Central Coast Highway and Noela Place to traffic control signals as part of this potential development.

Could you also confirm that there would be no other works required on Central Coast Highway along the frontage of the development, apart from any works associated with the potential left in arrangement.

Steve

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