



Reference: 17.312r06v01

17 January 2020

SCEGGS Darlinghurst
C/- Sandrick Project Directions
PO Box 8232
BAULKHAM HILLS NSW 2153

Attention: Mr Jonathan Lau, Project Manager

Re: SCEGGS Darlinghurst – SSD 8993
Response to Request for Additional Information

Dear Jonathan,

We refer to the subject State Significant Development Application for the SCEGGS Darlinghurst Masterplan and Stage 1 Development Application. TRAFFIX has been forwarded comments from the NSW Planning Industry and Environment in relation to the proposal, as contained in the letter dated 19 December 2019. More specifically, this response pertains to item 8, which states:

Parking

8. Clarify the existing number of bicycle parking spaces / storage for the school, including how many bicycles can be parked within the 'dedicated car bay for bike storage' (page 33 of the revised TIA).

As advised by the school, the abovementioned dedicated car bay bike storage is able to accommodate seven (7) bicycle spaces. Accordingly, the existing number of bicycle parking spaces are summarised as follows:

- 1 x car bay dedicated for bike storage for staff that accommodates 7 bicycles; and
- 1 x lockable bike cupboard on top of the gym that can accommodate 12 student bicycles.

We trust the above is of assistance and please don't hesitate to contact the undersigned should you have any queries.

Yours faithfully,

Traffix

Neil Caga
Traffic Engineer



Reference: 17.312r07v01

23 January 2020

SCEGGS Darlinghurst
C/- Sandrick Project Directions
PO Box 8232
BAULKHAM HILLS NSW 2153

Attention: Mr Jonathan Lau, Project Manager

Re: SCEGGS Darlinghurst – SSD 8993
Response to Request for Additional Information

Dear Jonathan,

We refer to the subject State Significant Development Application (SSD-8993) for the SCEGGS Darlinghurst Masterplan and Stage 1 Development Application. TRAFFIX has been forwarded comments from NSW Planning Industry and Environment in relation to the proposal, as contained in its letter dated 13 January 2020. More specifically, this response pertains to Item 1, which states:

1. *Confirmation of the number of existing staff vehicle trips generated during the AM peak and PM peak. The submitted Traffic Impact Assessment only includes AM/PM trip figures for students of the Junior and Senior schools. Alternatively confirm the overall existing AM/PM trip figures for the school, including staff and students.*

Reference should also be made to the previous SSD traffic impact assessment prepared by TRAFFIX (Ref: 17.312r02v09) which provided detailed travel mode questionnaire survey responses from both staff and students.

The travel mode questionnaire surveys provided an insight to the travel characteristics of staff, notably how staff travel to and from the subject development. The following key travel characteristics are relevant:

- 53% of staff travelled to the site as car driver;
- 59% of staff travelled from the site as car driver;
- 3% of staff travelled to the site as a car passenger;
- 1% of staff travelled to the site by car pooling;
- 75% of staff arrived at site between 7:00am and 8:00am; and
- 18% of staff depart from site between 5:00pm and 6:00pm.



As advised by the school, the existing staff numbers equate to 158 full time equivalent personnel comprising of 130 full-time and 55 part-time staff. Application of the above travel mode characteristics results in the following AM and PM staff vehicle trips within the network peak periods:

- 66 vehicle trips in the AM peak periods; and
- 17 vehicle trips in the PM peak period.

It is very noteworthy that the proposal does not seek to increase either student or staff numbers and that these trips are already occur on the nearby road network under current consents. SIDRA intersection modelling nevertheless demonstrates that the nearby intersections of Bourke Street/Liverpool Street and Forbes Street/Liverpool Street operate satisfactorily during network peak periods with levels of service of 'B' and 'A' respectively.

We trust the above is of assistance and request that you contact the undersigned should you have any queries. We also are available to discuss this with Departmental officers, should this be necessary.

Yours faithfully,

Traffix

Ben Liddell
Senior Engineer