

2009 Traffic Study – variations to 2008 Traffic Study Brief

GTA Variation 1:

03 March 2009

Following review of the available data from both the previous Grafton Bridge Study and the data utilised for the South Grafton traffic study. In reviewing the data, we found a number of 'holes' or missing data sets that will be essential for the development of both the transport and microsimulation model.

Therefore, we have extended the Origin – Destination survey scope to include the wider network on both sides of the Clarence River. This will provide us with a detailed understanding of the travel patterns in Grafton, South Grafton and the surrounding area:

1. Fitzroy St / Prince St
2. Prince St / Pound St
3. Fitzroy St / Villiers St; and
4. Pound St / Villiers St
 - Weekday 07:00-10:00 & 15:00-18:00
 - Full classified turning movement count
 - Pedestrian included.

The Origin Destination survey points have been increased by four stations to a total of seven stations:

1. Pacific Hwy – sth of Centenary Dr
2. Bent St – sth of Vere St
3. Grafton Bridge; and
4. Summerland Way – nth of Carrs Peninsular Rd
5. Pacific Hwy, sth of Centenary Dr
6. Gwydir Hwy, west of Sth Grafton Township
7. Lawrence Rd, north of North St

In addition, we proposed to undertake four detailed intersection counts and a weekly two way classified count on the Pacific Highway south of Grafton, this will enable all other available count data to be adjusted to 2009 conditions.

GTA Variation 2:

03 June 2009

Additional traffic counter (tube counter) is required for the southern end of Grafton Bridge. Will require two counters, one for each direction for a period of 4 weeks and includes data download and presentation.

GTA Variation 3:

15 October 2009

Development of a microsimulation model and development of a report to test alternative road network connections. Included was sensitivity analysis of predicted traffic growth to the design year 2029.

GTA Variation 4:

16 October 2009

Development of an animated simulation for predicted traffic flow onto a DVD.