

TRAFFIC VOLUME COMPARISONS ON MAJOR ARTERIAL ROADS FEEDING TRAFFIC INTO THE CITY OF ADELAIDE

The Department for Transport, Energy and Infrastructure (DTEI) has completed an assessment of traffic movements across a 'screen line' to determine the impact of the South Road/ANZAC Highway Underpass roadworks on the road network to the south of Adelaide.

The 'screen line' has looked at all major arterial roads that are used to feed traffic towards the city. DTEI has examined daily weekday figures as well as the morning period from 6am to 10.30am.

DTEI has compared traffic volumes in February 2008 with those from a similar period in February 2007.

Key findings show that:-

- Total daily traffic volume across the 'screen line' has **decreased** by up to 5% from 2007 to 2008. This could reflect a reduction in traffic volumes due to petrol price increases or public transport increases although the variance is not considered to exceed a variance that might be expected from one year to the next.
- Daily traffic volumes on South Road have decreased by about five thousand vehicles per day with some small increase on Goodwood road (700 -1000 vehicles per day). Marion Road between ANZAC Highway and Cross Road does not appear to have changed. Traffic volumes have increased on the Beckman Street/ Gray Street link and on the East Avenue/ Leader Street link by up to 600 vehicles per day.
- It is interesting to note that the current daily traffic volume **and** the a.m. peak period traffic flow on Marion Road, South Road and Goodwood Road are all very similar numbers. In other words, it would appear that the traffic is balancing across the three arterials with each now carrying similar volumes.
- There does not appear to be any statistical impact on arterials such as King William Road or Unley Road.
- There would appear to be some slight shift towards Tapleys Hill Road (by up to 700 vehicles per day) and right turns into Sir Donald Bradman Drive towards the City (300 vehicles per day).
- There has been a decrease in city bound ANZAC Highway traffic to the west of South Road (about 2000 vehicles per day).
- There has been a significant shift in traffic turning left off ANZAC Highway into Marion Road to head north and then turning right at Richmond Road or other arterials to head towards the City.
- Unley Council and West Torrens Council are undertaking traffic counts at various local streets in their Cities.