

## QUESTION ON NOTICE

NO. 877

Asked on 19 August 2004

MR CHOI asked the Minister for Transport and Main Roads (Mr Lucas) -

### QUESTION:

**With reference to State Government controlled roads in the electorate of Capalaba - Will he advise their respective traffic volumes at peak hours?**

### ANSWER:

I thank the Member for Capalaba for the question.

There are five state-controlled roads in the electorate of Capalaba for which the Department of Main Roads collects traffic counting data.

There is considerable variation along any road – from day-to-day and from season-to-season.

The most common statistic recorded is the annual average daily traffic (AADT), which is an estimate of the total traffic for the year divided by the number of days in the year. However, for urban roads where congestion is of concern, peak traffic flows are also measured.

Again, there is considerable variation, so I have provided the maximum flow measured over an hour on each road and also the average peak hour flow where a week or more of counts is available. This demonstrates the variation in traffic demands and the flexibility required to manage traffic on urban networks.

The statistics requested were collected in 2003. They are:

- Mount Cotton Road east of Ney Road

Maximum morning peak	1,717 vehicles per hour (vph)
Average morning peak	1,346 vph
Maximum afternoon peak	1,778 vph
Average afternoon peak	1,474 vph
AADT	17,300 vehicles per day (vpd)

- Finucane Road at Windemere Road
 

Maximum morning peak	3,089 vph
Average morning peak	2,568 vph
Maximum afternoon peak	3,397 vph
Average afternoon peak	2,995 vph
AADT	38,000 vpd
  
- Moreton Bay Road at Tingalpa Creek
 

Maximum morning peak	3,583 vph
Average morning peak	2,237 vph
Maximum afternoon peak	3,401 vph
Average afternoon peak	2,664 vph
AADT	35,000 vpd
  
- Redland Bay Road at Merritt Street
 

Maximum morning peak	2,945 vph
Average morning peak	Single day only available
Maximum afternoon peak	3,216 vph
Average afternoon peak	Single day only available
AADT	30,800 vpd
  
- Old Cleveland Road East south of Birkdale Road
 

Maximum morning peak	2,117 vph
Average morning peak.	1,704 vph
Maximum afternoon peak	2,354 vph
Average afternoon peak	1,961 vph
AADT	25,000 vpd

The traffic performance of a road depends on a variety of factors including the mix of traffic, adjacent land use, frequency of intersections, accesses and parking, as well as the road configuration, lane widths, grades and speed. The calculation of the capacity of roads is complex.

Capalaba is a growing electorate and significant works are being carried out to meet the growth on traffic demand.

The Roads Implementation Program, Smart State and other state government initiatives include more than \$20m to improve traffic safety in the Capalaba electorate. Works include four-lane duplication of Capalaba – Victoria Point Road between Windermere

Road and Vienna Road (\$4.67m) and from Vienna Road to Redland Bay Road (\$11m); as well as upgrading of Capalaba – Victoria Point Road intersections with Windermere and Vienna Roads (\$3.2m); Birkdale – Old Cleveland Road East intersection (\$1m); Mt Cotton Road – Lyndon Road and Duncan Road intersection (\$1m); and improved parking at Capalaba State School (\$96,000).