

SOUTHERN RAIL LINK, NARROWS BRIDGE, VEHICLE NUMBERS

2361. Hon Murray Criddle to the Parliamentary Secretary representing the Minister for Planning and Infrastructure

In view of the construction of the southern suburbs railway -

- (1) How many vehicles are going over the Narrows Bridge, per day, as at July 1 2004?
- (2) What is the prediction for the number of vehicles travelling over the Narrows Bridge, per day, as at -
 - (a) July 1 2010; and
 - (b) July 1 2020?
- (3) How many of these vehicles will be Transperth buses?
- (4) Has a report been done to justify these figures?
- (5) If so, can the Minister please table this report?

Hon KEN TRAVERS replied:

Inssofar as Main Roads Western Australia is concerned:

- (1) The hourly distribution of flows as at 1 July 2004 across the Narrows Bridge (north bound and south bound) was as follows:

Time	1-Jul-04 NB	1-Jul-04 SB	Combined
0-1	370	532	902
1-2	184	286	470
2-3	122	196	318
3-4	117	193	310
4-5	222	244	466
5-6	771	829	1600
6-7	2999	2494	5493
7-8	6479	4523	11002
8-9	7653	5522	13175
9-10	6108	4389	10497
10-11	4567	3893	8460
11-12	4297	4046	8343
12-13	4413	4529	8942
13-14	4264	4542	8806
14-15	4302	4910	9212
15-16	4623	6392	11015
16-17	5429	7741	13170
17-18	5803	7558	13361
18-19	4441	6675	11116
19-20	2945	3561	6506
20-21	1782	2489	4271
21-22	1641	2436	4077
22-23	1358	2005	3363
23-24	772	1232	2004
Total	75662	81217	156879

- (2)
 - (a) Approximately 169 000 vehicles per average weekday.
 - (b) Approximately 183 200 vehicles per average weekday.

These predictions do not take account of the very significant potential impact on car usage resulting from higher oil prices and dwindling supplies that the world economy will certainly face in future years.

Inssofar as the Public Transport Authority is concerned:

- (3) Currently on a typical weekday, there are 595 Transperth bus trips travelling north over the Narrows Bridge and 596 Transperth bus trips travelling south.

- On 1 July 2010, after a significant number of Transperth bus trips are replaced by the southern rail line, it is estimated that 270 bus trips will travel north over the Narrows Bridge and 270 bus trips will travel southward.
 - On 1 July 2020, it is difficult to accurately predict the number of Transperth bus trips at this time given the degree of change in travel behaviour and transport technology. However, as an estimate based on existing public transport growth patterns, in the order of 400 bus trips would occur in either direction over the Narrows Bridge for a total of 800 trips per day.
- (4) The forecast average weekday traffic volumes mentioned in 2 (a) and (b) above were obtained from Main Roads Transport Model using 24 hour Annual Average Weekday Traffic data. These estimates are regularly updated and verified using input from observed traffic counts and "trend case" land use forecast information from the Department for Planning and Infrastructure.
- (5) Not applicable.