



The Hon. Duncan Gay MLC

Deputy Leader of Government in the Legislative Council
Minister for Roads and Ports

M12/5194

Budget Estimates Hearing 2012-13 General Purpose Standing Committee 3

Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 1. M5: Regarding the installation of air pollution warning signs at the entrance to the M5, it was also announced that a public education campaign would be conducted, that this would include an education booklet and online campaign.

- a) Please provide details of the education program that will be conducted relating to air pollution in the M5 tunnel

Answer:

I am advised:

The education program is under development. It will involve a booklet about tunnel air quality, an update to the website and an update to the 'Safety in Sydney's major road tunnels' brochure.

Duncan Gay MLC

Deputy Leader of Government in the Legislative Council
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PQ12/00649



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Budget Estimates Hearing 2012-13
General Purpose Standing Committee 3

Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 2.

- a) Is Transport for NSW retaining paid consultants to review all the submissions towards the draft Long Term Transport Master Plan?
- b) If so, who are the consultants?
- c) If so, what is the fee for the production of this report?
- d) When will this report be released to the public?
- e) Will all the submissions to the draft Long Term Transport Master Plan be available on the Transport for NSW website for scrutiny by the public?
- f) If so when will they be posted on the website?

Answer:

Details regarding contracts awarded are available on the NSW eTendering website at www.tenders.nsw.gov.au

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M12/5195

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Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 3. The Minister for Roads and Ports has said a dedicated public transport corridor will be provided on the West Connex tollway, what provision will be made for dedicated public transport lanes on the F3-M2 motorway?

Faehrmann 4. How much money will be saved by building the West Connex as a slot arrangement rather than as a tunnel?

Answer:

I am advised:

3. In July 2012 it was announced that a cross agency committee would work with Transurban to complete Stage 2 of the unsolicited proposal assessment process in the next six months.

The NSW Government is working cooperatively with Transurban in developing and assessing its proposal.

4. The State Infrastructure Strategy recommends that a section of the WestConnex scheme between Taverner's Hill near Petersham and North Strathfield should include a combination of short tunnels and road in cutting ("slot" arrangement), with Parramatta Road remaining at surface level.

Slot arrangements can achieve greater value for money than deep tunnels where connections to the surface road network can be provided by short ramps, without the need for expensive underground entry and exit portals.

Operating costs for deep tunnels are also generally higher than for slot arrangements due to the power costs to operate ventilation fans and lighting.

The Sydney Motorways Project Office will develop Infrastructure NSW's recommendations in detail to establish the optimal design configuration for WestConnex.

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Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 5. What percentage of greenhouse gases emitted in NSW is due to transport?

- a) What the contribution of road transport vehicles (cars trucks, light commercial vehicles and buses) is to total transport emissions?

Faehrmann 6. In the RTA's latest annual report¹ for 2011-12 the direct greenhouse gas emissions of the organisation is reported and compares this to the previous year's emissions. In that report the RTA's climate action plan including managing the RTA's transition to a low carbon economy is also mentioned,

- a) Please outline what major initiatives the RMS propose to undertake to achieve this and what budget allocations there are to support these plans?
- b) This time last year the RTA website stated that two working parties had been established to address direct and indirect emissions of greenhouse gases, please provide information regarding the progress of these two working parties and what recommendations have been made?

Answer:

I am advised:

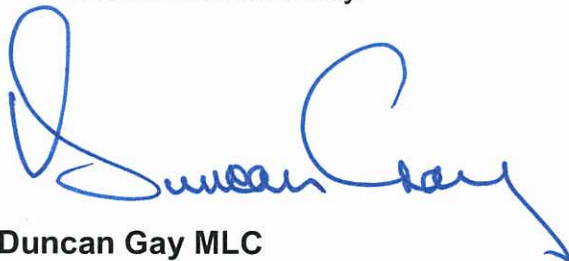
5.

- a) Estimates of the State's greenhouse gas emissions are produced by the Commonwealth Department of Climate Change and Energy Efficiency (DCCEE).

In 2010, the most recent DCCEE data, the total greenhouse gas emissions produced by NSW was 157.4 million tonnes.

Transport contributed 14 per cent of these emissions. Road transport vehicles account for 90 per cent of all NSW transport emissions.

- 6.
- a. Some significant greenhouse gas initiatives implemented by Roads and Maritime Services include:
- Conversion of the most energy inefficient traffic signals (incandescent lamps) to LED technology, resulting in a 28 per cent reduction in energy use and saving approximately 10,000 tonnes of greenhouse gases annually.
 - An amount of \$4.3 million has been budgeted in 2012-13 to convert quartz halogen traffic signal lamps to LED. This will result in further greenhouse gas reductions.
 - Another significant source of greenhouse gas emissions is the electricity used to operate Roads and Maritime Services' office buildings, motor registries and maintenance depots. In 2011-12, Roads and Maritime Services spent approximately \$1.5 million implementing building energy efficiency measures. Since 2000, Roads and Maritime Services' building greenhouse emissions have reduced by 15 per cent.
- b. The two working parties, referenced on the former RTA website, refer to previous work which contributed to the development of the RTA Climate Change Action Plan. Both working parties have concluded their activities. Progress on the Action Plan is reported to the Executive Environment Committee annually.



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Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 7. The Roads and Maritime Services also refers to itself as the RTA, including at its Motor Registries and its web site address; when will the transition be completed whereby this organisation will only be referred to as the Roads and Maritime Services rather than as the Roads and Traffic Authority?

Answer:

I am advised:

Roads and Maritime Services was created in November 2011 when the former Roads and Traffic Authority and NSW Maritime were abolished. It is a delivery agency for Transport for NSW.

The rebranding of premises such as motor registries will happen over a number of years, usually in line with planned maintenance or upgrades of these sites.

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PQ12/00656



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M12/5198

Budget Estimates Hearing 2012-13
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Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 8.

- a) Are any toll road operations subject to any financial government guarantees which may have been necessary for loan finance for toll road operators, in particular for the M2 and the subsequent upgrade, but also for any other toll roads?

- b) Is there any agreement between the government and Transurban in relation to the M2 and any upgrades, which includes any clauses restricting increased bus services or additional bus lanes?

Answer:

I am advised:

- a) No.

- b) No.

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PQ12/00658



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M12/5231

Budget Estimates Hearing 2012-13
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Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 9.

- a) Do new road projects or road network upgrades in regional areas have any requirement to investigate the feasibility of providing cycleways as a component of the project?
- b) If so, on what terms are decisions made as to whether a cycleway is provided as part of a road project?

Answer:

- a) Yes.
- b) There is a variance to the extent of provision that is made in any one type of project. The extent of consideration also involves the cost of adding such provisions into the overall project cost.

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PQ12/00659



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Budget Estimates Hearing 2012-13 General Purpose Standing Committee 3

Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 10. Please provide a breakdown of how many containers coming out of Port Botany go to each of the intermodal terminals.

Answer:

I am advised:

In the period between October 2011 to September 2012, approximately 95,000 twenty-foot equivalent units were moved by rail out of Port Botany from a total rail volume of 260,000 twenty-foot equivalent units moved in and out of the Port. It is not possible to ascertain how many containers move to each intermodal terminal as this information is commercial-in-confidence.

Duncan Gay MLC

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PQ12/00661



The Hon. Duncan Gay MLC

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M12/5199

Budget Estimates Hearing 2012-13 General Purpose Standing Committee 3

Question:

On 12 October, the Hon. Cate Faehrmann MLC asked:

Faehrmann 11.

- a) How many vehicles use Parramatta Road in each direction per hour on weekdays? Please provide a breakdown over a 24 hour period.
 - i. How many cars?
 - ii. How many light commercial vehicles?
 - iii. How many trucks?
- b) How many vehicles use Parramatta Road in each direction per hour on weekends? Please provide a breakdown over a 24 hour period.
 - i. How many cars?
 - ii. How many light commercial vehicles?
 - iii. How many trucks?

Answer:

11.

- a) The table below shows the average number of vehicles travelling on Parramatta Road, Granville on weekdays over a 24 hour period. These figures are based on samples taken over the 2011-2012 financial year.

Parramatta Road - Granville	Eastbound				Westbound			
	Light	Light Commercial	Heavy	Overall Average	Light	Light Commercial	Heavy	Overall Average
00:00:00	173	15	6	194	310	17	7	333
01:00:00	115	16	4	136	179	16	7	203
02:00:00	111	18	4	133	135	21	7	163
03:00:00	131	24	7	161	121	22	10	153
04:00:00	255	40	16	311	144	32	14	191
05:00:00	938	88	26	1052	323	52	22	396
06:00:00	1719	172	35	1926	723	87	26	837
07:00:00	1618	152	31	1801	965	106	26	1098
08:00:00	1559	150	36	1745	1164	129	27	1319
09:00:00	1277	175	40	1492	1084	152	33	1269
10:00:00	1189	167	39	1395	1144	173	37	1354
11:00:00	1215	158	37	1410	1258	180	35	1472
12:00:00	1253	149	34	1436	1351	176	35	1562
13:00:00	1278	133	34	1444	1413	177	33	1624
14:00:00	1317	118	30	1466	1554	169	31	1754
15:00:00	1330	95	23	1448	1673	145	29	1847

Parramatta Road - Granville	Eastbound				Westbound			
	Light	Light Commercial	Heavy	Overall Average	Light	Light Commercial	Heavy	Overall Average
16:00:00	1352	72	18	1441	1633	119	27	1780
17:00:00	1366	59	14	1438	1673	95	21	1790
18:00:00	1161	46	13	1220	1557	73	19	1649
19:00:00	859	33	11	903	1141	46	13	1200
20:00:00	718	24	14	756	896	36	9	941
21:00:00	718	24	12	754	834	33	8	875
22:00:00	555	25	12	593	793	30	9	832
23:00:00	352	20	10	382	606	20	8	634
Average	22556	1974	507	25036	22676	2106	494	25275

Note:

- a. Figures are based on 266 days of data.
- b. Weekday figures exclude public holidays.

Light Vehicles includes Classes 1 and 2 - Car, Van, Wagon, 4WD, Utility, Bicycle, Motorcycle, Trailer, Caravan, Boat.

Medium Vehicles (Light Commercial) includes classes 3-5 - Two Axle Truck or Bus, Three Axle Truck or Bus, Four (or Five) Axle Truck.

Heavy Vehicles includes classes 6-12 - Three Axle Articulated, Four Axle Articulated, Five Axle Articulated, Six Axle Articulated, B Double or Heavy Truck And Trailer, Double Road Train, Triple Road Train.

- b) The table below shows the average number of vehicles travelling on Parramatta Road, Granville on weekends over a 24 hour period. These figures are based on the 2011-2012 financial year.

Parramatta Road - Granville	Eastbound				Westbound			
	Light	Light Commercial	Heavy	Overall Average	Light	Light Commercial	Heavy	Overall Average
00:00:00	348	9	2	360	548	12	3	563
01:00:00	206	9	2	217	350	8	2	360
02:00:00	166	9	1	177	285	12	2	298
03:00:00	149	9	1	160	233	12	3	248
04:00:00	168	13	4	185	200	12	4	216
05:00:00	305	20	6	332	233	16	7	256
06:00:00	453	35	8	497	369	27	8	403
07:00:00	489	39	7	535	432	35	7	474
08:00:00	723	37	8	769	639	41	8	687
09:00:00	1000	41	8	1048	920	47	8	975
10:00:00	1210	40	8	1258	1169	53	8	1230
11:00:00	1392	41	7	1440	1389	50	8	1447
12:00:00	1475	34	6	1515	1525	48	7	1580
13:00:00	1449	31	5	1486	1556	44	6	1606
14:00:00	1389	31	6	1425	1610	41	6	1657
15:00:00	1296	27	5	1327	1617	38	5	1661
16:00:00	1211	24	4	1239	1557	35	4	1595
17:00:00	1201	22	2	1225	1549	32	4	1585
18:00:00	999	20	3	1022	1294	27	3	1324

Parramatta Road - Granville	Eastbound				Westbound			
	Light	Light Commercial	Heavy	Overall Average	Light	Light Commercial	Heavy	Overall Average
19:00:00	758	17	3	778	960	20	3	983
20:00:00	658	12	3	673	805	16	2	823
21:00:00	655	11	2	668	765	14	3	782
22:00:00	574	13	2	589	786	14	3	803
23:00:00	426	11	2	439	665	15	5	686
Average	18700	557	106	19364	21453	669	120	22242

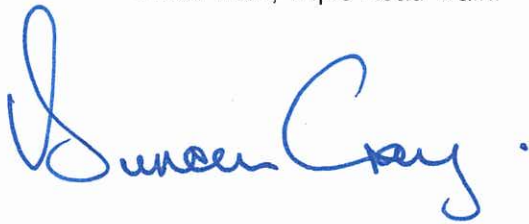
Note:

- a) Figures are based on 110 days of data.

Light Vehicles includes classes 1 and 2 - Car, Van, Wagon, 4WD, Utility, Bicycle, Motorcycle, Trailer, Caravan, Boat.

Medium Vehicles (Light Commercial) includes classes 3-5 - Two Axle Truck or Bus, Three Axle Truck or Bus, Four (or Five) Axle Truck.

Heavy Vehicles includes classes 6-12 - Three Axle Articulated, Four Axle Articulated, Five Axle Articulated, Six Axle Articulated, B Double or Heavy Truck And Trailer, Double Road Train, Triple Road Train.



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