

香港特別行政區政府

The Government of the Hong Kong Special Administrative Region

政府總部
運輸及房屋局
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30 April 2018

Panel on Transport
Legislative Council Secretariat
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong
(Attn: Mr Lemuel Woo)

Dear Mr Woo,

Panel on transport

**Toll Rationalisation Study of Three Road Harbour Crossings and
Three Land Tunnels between Kowloon and Sha Tin**

Supplementary Information

I refer to your letter of 19 March 2018. In response to the follow-up enquiry on the supplementary information which we provided on 14 March 2018 (ref: CB(4)761/17-18(01)), the information on usage of the three road harbour crossings by empty taxis and financial information on the various tunnels are at **Annex A** and **Annex B** respectively.

Yours sincerely,

(Adrian Lam)

for Secretary for Transport and Housing

c.c. Transport Department (Attn.: Ms Stella Lee)

Toll Rationalisation Study of Three Road Harbour Crossings and Three Land Tunnels between Kowloon and Sha Tin

Usage of the three road harbour crossings by empty taxis

According to the surveys carried out in November and December 2017 by the consultants which was engaged for the toll rationalisation study of three road harbour crossings and three land tunnels between Kowloon and Sha Tin (“toll rationalisation study”), the average hourly traffic volume (two-way) of empty taxis at the three road harbour crossings during the morning and evening peak hours is set out as follows –

	Cross Harbour Tunnel		Eastern Harbour Crossing		Western Harbour Crossing	
	Traffic Volume	Percentage of total traffic volume ^{Note}	Traffic Volume	Percentage of total traffic volume ^{Note}	Traffic Volume	Percentage of total traffic volume ^{Note}
Morning peak hours (0700 – 1000 on weekdays)	77	1.4%	96	1.8%	4	0.1%
Evening peak hours (1700 – 2000 on weekdays)	44	0.8%	102	1.9%	8	0.2%

The three hourly periods of the highest usage (as a percentage of toll traffic volume) of the three road harbour crossings by empty taxis on weekdays are as follows –

		Cross Harbour Tunnel	Eastern Harbour Crossing	Western Harbour Crossing ¹
Highest percentage	Period	0400 – 0500	0500 – 0600	0200 – 0300
	Percentage of total traffic ^{Note}	15.7%	15.1%	57.7%
Second-highest percentage	Period	0300 – 0400	0400 – 0500	0300 – 0400
	Percentage of total traffic ^{Note}	15.6%	14.9%	49.7%
Third-highest Percentage	Period	0500 – 0600	0300 – 0400	0400 – 0500
	Percentage of total traffic ^{Note}	13.8%	13.2%	46.1%

Note : The figures refer to the traffic volume of empty taxis as a percentage of the average weekday two-way total traffic of the respective tunnels in 2017.

¹ Currently, late night concessions are offered by the franchisee of Western Harbour Crossing (“WHC”) to empty taxis. From 0000 to 0700, the toll for empty taxis using manual toll lanes of WHC and paying tolls by cash is \$10 (i.e. same as Cross Harbour Tunnel), and the taxi driver is given a \$5 WHC prepaid coupon.

Cross-Harbour Tunnel, Eastern Harbour Crossing, Lion Rock Tunnel and Eagle's Nest and Sha Tin Heights Tunnel

Toll Revenue by Vehicle Type for the 2016-17 Financial Year

Vehicle types	Cross Harbour Tunnel (\$ Million)	Eastern Harbour Crossing^{Note 1} (\$ Million)	Lion Rock Tunnel^{Note 2} (\$ Million)	Eagle's Nest and Sha Tin Heights Tunnel^{Note 2} (\$ Million)
Private cars	355.0	259.4	196.6	111.2
Taxis	95.9	86.7		1.7
Motorcycles	14.0	7.5		0.4
Private/public light buses	6.9	5.9	45.0	2.3
Private/public single-decked buses	12.5	9.5		22.4
Light goods vehicles of a gross vehicle weight not exceeding 5.5 tonnes	103.4	78.9		2.6
Private/public double-decked buses	29.2	38.1	29.9	13.9
Medium goods vehicles of a permitted gross vehicle weight exceeding 5.5 tonnes but not exceeding 24 tonnes	31.0	31.3		7.7
Heavy goods vehicles of a permitted gross vehicle weight exceeding 24 tonnes	14.9	10.1		-
Each additional axle in excess of two	32.8	22.1	-	-
Total toll revenue	695.6	549.5	271.5	162.2

Note 1 : The Eastern Harbour Crossing became a Government tunnel on 7 August 2016 upon the expiry of the "Build-Operate-Transfer" franchise. The figures on the Eastern Harbour Crossing in the above table represent the financial information of the tunnel for the period from 7 August 2016 to 31 March 2017.

Note 2 : Lion Rock Tunnel and Eagle's Nest and Sha Tin Heights Tunnel both charge flat tolls and their toll collection systems do not record the breakdown of toll revenue by all vehicle types. Since the toll collection systems of the two tunnels are not of the same design, as shown in the above table, the Transport Department can provide a relatively more detailed breakdown for Eagle's Nest and Sha Tin Heights Tunnel.