


# Highways Department

## Route 8 (previously known as Route 9) between Cheung Sha Wan & Sha Tin

Contract No. HY/2003/10 - Environmental Team for  
Lai Chi Kok Viaduct and Eagle's Nest Tunnel

### Traffic Noise Monitoring Report (Version 1.4)

April 2009

Approved By   
(Environmental Team Leader)

#### REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

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## 1. INTRODUCTION

- 1.1 Route 8 is a trunk road linking Lantau and Sha Tin. The North Lantau Highway and Lantau Link completed in 1997 form part of this route. The remaining two sections are that between Tsing Yi and Cheung Sha Wan and that between Cheung Sha Wan and Sha Tin (formerly known as Route 16 and subsequently Route 9).
- 1.2 Route 9 (Kowloon Section) (R9K) (hereinafter called the R9K-Project) forms part of the Route 9 between Cheung Sha Wan and Sha Tin (R9-CSWST) project.
- 1.3 The engineering design of R9K is covered under Agreement No. CE 50/98 "Route 9 between Cheung Sha Wan and Sha Tin – Design Construction Assignment". The main consultant engaged under Agreement No. CE 50/98 is Maunsell Hyder Joint Venture (MHJV), who acts as the Engineer for the construction contracts. The works of R9K mainly comprise a 1.4km dual 3-lane Lai Chi Kok Viaduct from Lai Wan Interchange to Butterfly Valley; 0.5 km of dual 3-lane at-grade carriageway linking to the 2.1 km dual 3-lane twin-bore Eagle's Nest Tunnel with associated portal buildings; a toll plaza with an administration building located with the Sha Tin valley woodland; a ventilation building and an adit; associated noise barriers, noise enclosures, drainage, slope and landscape works; and electrical and mechanical works for the whole R9-CSWST. The remainder of the R9-CSWST forms the Sha Tin Section (R9S) of the project and is being managed and implemented separately by the Civil Engineering and Development Department (CEDD).
- 1.4 The R9-CSWST project is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). An environmental impact assessment (EIA) report has been prepared in 1998 for the R9-CSWST project (1998 R9 EIA) to consider the key issues of noise, air quality, water quality, ecological, construction waste, landscape and visual, land use and cultural impacts, and identify possible mitigation measures.
- 1.5 An Updated Final EIA report was subsequently completed in August 1999 for the R9-CSWST project (1999 R9 EIA), to cater for some changes in R9K portion as mentioned in paragraph 1 of the report. The 1999 R9 EIA was endorsed by Environmental Protection Department (EPD) in November 1999. The 1998 R9 EIA and the 1999 R9 EIA (R9 EIA Reports) were included in the EIA register under the EIAO as report no. EIA-135/BC and AEIAR-022/1999 respectively. An Environmental Monitoring and Audit (EM&A) Manuals for each of the R9 EIA Reports (EM&A Manuals) were also included as part of the EIA reports in the register.
- 1.6 Subsequent to the endorsement of the R9 EIA Reports by EPD in November 1999, the project programme was deferred to start in 2002/2003 for completion by 2006/07. The implementation of the project was then separated into the R9S and R9K portion. An Environmental Permit (EP) No. EP-103/2001 was issued on 17 September 2001 for R9K to the HyD as Permit Holder. The Environmental Permit No. No. EP-103/2001/A, EP-103/2001/B, EP-103/2001/C and EP-103/2001/D were issued by EPD on 20<sup>th</sup> May 2003, 22<sup>nd</sup> March 2005, 22<sup>nd</sup> July 2005 and 19<sup>th</sup> March 2008 respectively in accordance with the variances.

- 1.7 The major construction activities of two civil contracts of the R9K project, Contract No. HY/2003/01 entitled "Route 9 – Lai Chi Kok Viaduct" and Contract No. HY/2003/02 entitled "Route 9 – Eagle's Nest Tunnel and Associated Works", were commenced on 15<sup>th</sup> December 2003 for completion in April 2007.
- 1.8 "Route 9" was re-titled as "Route 8 (previously known as Route 9)" subsequently. Cinotech Consultants Limited (Cinotech) was commissioned by HyD to undertake the Environmental Monitoring and Audit works for "Route 8 (previously known as Route 9) between Cheung Sha Wan and Sha Tin - Environmental Team (ET) for Lai Chi Kok Viaduct and Eagle's Nest Tunnel (Contract No. HY/2003/10)".
- 1.9 This is the traffic noise monitoring report aims to assess the traffic noise predictions by comparing the project noise impact predictions with the actual impacts. Detail explanation will be given to justify if any discrepancies were observed. This monitoring report also presents the monitoring locations, methodology of noise monitoring including noise measurement procedures, traffic counts and speed checks, and methodology of comparison with the predicted levels under full provision of the mitigation measures.

## 2. TRAFFIC NOISE MONITORING

### Monitoring Requirements

- 2.1 Traffic noise levels were measured twice (one at the morning traffic peak hour and one at the evening traffic peak hour) within the first year of the road opening. Measurements shall be made in terms of the A-weighted  $L_{10}$  over 3 half hour periods during the peak traffic hour. Other information such as traffic flow counts, percentage of heavy vehicles (all vehicles with an unladen weight exceeding 1525 kg) and average speed was also obtained during the same measurement period for both far side and near side respectively.

### Monitoring Locations

- 2.2 In accordance with the EM&A Manual, noise monitoring shall be conducted at three monitoring stations, namely NMO1, NMO2 and NMO3.
- 2.3 However, the scope of the EM&A Manual included the Lai Chi Kok Viaduct (LCKV), Eagle's Nest Tunnel (ENT) and Shatin Heights Tunnel and Approaches (SHT). The monitoring station NMO3 (ST-N3: Southern façade of Shatin Heights) falls out of the traffic noise impact area of the LCKV and ENT project, therefore noise monitoring at NMO3 is excluded from this monitoring report.
- 2.4 Since the original proposed noise barriers at the concerned area were cancelled according to the VEP-165/2005 approved by EPD on 22 Mar 05, the monitoring station NMO1 (V13 – Village house in Tai Ching Cheung Village) was therefore cancelled in the operation traffic noise monitoring. The proposed location of Monitoring Station NMO2 and the cancellation of the Monitoring Station NMO1 were approved by IEC and EPD.
- 2.5 Traffic Noise monitoring was conducted at one monitoring stations, NMO2. Figure 1.1 and Table 2.1 show the location of this station and location details.

**Table 2.1 Noise Monitoring Station**

Monitoring Station	Location	Floor
NMO2	Hoi Fai House, Hoi Lai Estate (NSR 640 of Site 10)	1/F and 20/F

### Monitoring Equipment

- 2.6 Sound level meters, which comply with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications and acoustic calibrators, were used for the monitoring. The accuracy of the sound level meter was checked using an acoustic calibrator generating a known sound

pressure level at a known frequency, immediately prior to and following each noise measurement. Measurements may be accepted as valid only if the calibration level before and after the noise measurement are accurate to within 1.0dB. Copies of calibration certificates are attached in **Appendix A**.

- 2.7 **Table 2.2** summarizes the noise monitoring equipment model being used in the measurement.

**Table 2.2 Noise Monitoring Equipment**

Equipment	Model and Make	Quantity
Integrating Sound Level Meter	B&K Model 2238	1
Integrating Sound Level Meter	SVAN 959	1
Calibrator	SVAN 30A	1
Wind Speed Anemometer	Vane Anemometer, Model 451104	1

### Monitoring Parameters, Frequency and Duration

- 2.8 Noise measurements each of 30 minutes duration (3 occasions per monitoring event) were carried out by the ET at each of the selected representative noise monitoring points during peak hours twice (one at the morning traffic peak hour and one at the evening traffic peak hour) within the first year. The morning traffic peak hour is defined as 07:30 to 09:30 and the evening traffic peak hour is identified as 17:30 to 19:30.

### Monitoring Methodology and QA/QC Procedures

- 2.9 The Sound Level Meter was set on a tripod at a height of 1.2 m above the ground.
- 2.10 The battery condition was checked to ensure the correct functioning of the meter.
- 2.11 Parameters such as frequency weighting, the time weighting and the measurement time was set as follows:
- frequency weighting : A
  - time weighting : Fast
  - time measurement : 30 minutes
- 2.12 Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94 dB at 1000 Hz. If the difference in the calibration level before and after measurement was more than 1 dB(A), the measurement would be considered invalid and repeat of noise measurement would be required after re-calibration or repair of the equipment.
- 2.13 The wind speed was frequently checked with the portable anemometer.

- 2.14 At the end of the monitoring period, the  $L_{10}$  was recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- 2.15 Noise measurement was paused during periods of high intrusive noise if possible and observation was recorded if intrusive noise is not avoided.

#### **Maintenance and Calibration**

- 2.16 The microphone head of the sound level meter and calibrator were cleaned with soft cloth regularly.
- 2.17 The meter was sent to the supplier to check and calibrate on yearly intervals.

#### **Traffic Counts**

- 2.18 During the noise measurement, a concurrent traffic counts with percentage heavy vehicles was conducted for the far-side and near-side of the road carriageways and the nearby existing road network. The average vehicle speed for the far-side and the near-side of the roads were estimated by timing a vehicle to travel a certain distant.

### 3. TRAFFIC CONDITION

3.1 Current traffic data (July 08) for Route 8 between Cheung Sha Wan and Sha Tin which was obtained from Transport Department via Highways Department is shown in **Appendix B** and summarised below.

#### Daily Traffic flow

3.2 Daily Traffic flow for both bound (Kowloon Bound & Shatin Bound) in July 2008 is summarized in Table 3.1.

**Table 3.1 Daily Traffic Flow for both bound in July 2008**

	Traffic Flow per day for both bound (Jul 08)		
	Average	Max.	Min.
Total	17779	19991	11286
Normal Weekdays	18979	19991	17966
General Holidays (including Sundays)	11474	11842	11286

#### Main Traffic flow period

3.3 Main Traffic flow period for both bound was shown between:

- 0700-2300 for Normal Weekdays; and
- 0800-2300 for General Holidays (including Sundays).

#### Traffic peak hours

3.4 Traffic Peak hours for both bound were shown between:

- 0800-1000 & 1700-2000 for Normal Weekdays; and
- 1100-2000 for General Holidays (including Sundays)



#### 4. RESULTS AND OBSERVATIONS

- 4.1 Route 8 between Cheung Sha Wan and Sha Tin has been operated since 21 March 2008. Representative traffic condition, i.e. steady and significant number of traffic flow per day, has been built up as shown in Section 3 above and Appendix A.
- 4.2 The first and second operational traffic noise monitoring for the Project (R8K) were conducted at Noise Monitoring Station, NMO2 on 24 February 2009 and 20 March 2009.

##### Measurement Results

- 4.3 According to the Section 3.13.1 of the EM&A Manual, no baseline operational noise monitoring is required.
- 4.4 The traffic noise monitoring was conducted on 24<sup>th</sup> February and 20<sup>th</sup> March 2009. The noise monitoring results are tabulated in Table 4.1 and Table 4.2.

**Table 4.1 Summary of Traffic Noise Monitoring Results (24<sup>th</sup> February 2009)**

Monitoring Stations (NSR ID in the EIA Report)	Floor	Time	L <sub>eq</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)
NMO2 (NSR 640 of Site 10)	1/F	7:30 - 8:00	63.4	65.2	60.5
		8:00 - 8:30	63.9	65.9	61.0
		8:30 - 9:00	63.0	64.9	60.3
		<b>Average</b>	<b>63.4</b>	<b>65.3</b>	<b>60.6</b>
	20/F	7:30 - 8:00	62.4	64.0	60.5
		8:00 - 8:30	62.6	64.0	60.5
		8:30 - 9:00	61.9	63.0	60.0
		<b>Average</b>	<b>62.3</b>	<b>63.7</b>	<b>60.3</b>

**Table 4.2 Summary of Traffic Noise Monitoring Results (20<sup>th</sup> March 2009)**

Monitoring Stations (NSR ID in the EIA Report)	Floor	Time	L <sub>eq</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)
NMO2 (NSR 640 of Site 10)	1/F	18:00 - 18:30	62.4	63.8	60.0
		18:30 - 19:00	62.4	63.8	59.4
		19:00 - 19:30	62.6	64.4	59.8
		<b>Average</b>	<b>62.5</b>	<b>64.0</b>	<b>59.7</b>
	20/F	18:00 - 18:30	62.9	65.4	61.0
		18:30 - 19:00	62.8	64.4	60.8

Monitoring Stations (NSR ID in the EIA Report)	Floor	Time	L <sub>eq</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)
		19:00 - 19:30	62.4	64.0	60.0
		<b>Average</b>	<b>62.7</b>	<b>64.6</b>	<b>60.6</b>

- 4.5 The monitoring results indicate that the traffic noise levels, L<sub>10,1hr</sub> at all the monitoring stations comply with the 70dB(A) noise criteria as stipulated in the *Technical Memorandum on Environmental Impact Assessment Process*.
- 4.6 According to Tables 4.1, 4.2 and 5.1, a 11.8-13.6 dB(A) differences between the measured noise levels (current traffic data) and predicted noise levels (EIA 2019 traffic data) were observed. Lower current traffic flow was the main reason to arise it. The detailed conversion correction of calibrated predicted traffic noise levels are shown in Section 5.
- 4.7 Other information including traffic count and percentage heavy vehicle are summarized in Table 4.3 and Table 4.4.

**Table 4.3 Summary of Traffic Count and Percentage Heavy Vehicle (24<sup>th</sup> February 2009)**

Road Segments	Time	Near Side				Far Side			
		No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)	No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)
Slip Road A (Cheung Sha Wan Section)	07:30 - 07:45	29	82	26	54	-	-	-	-
	07:45 - 08:00	22	60	27	51	-	-	-	-
	08:00 - 08:15	34	64	35	52	-	-	-	-
	08:15 - 08:30	37	74	33	55	-	-	-	-
	08:30 - 08:45	30	60	33	49	-	-	-	-
	08:45 - 09:00	44	55	44	51	-	-	-	-
	<b>Total hourly flow (veh/h) /Average</b>	<b>131</b>	<b>263</b>	<b>33%</b>	<b>52</b>	-	-	-	-
Slip Road B (Cheung Sha Wan Section)	07:30 - 07:45	69	148	32	60	-	-	-	-
	07:45 - 08:00	41	224	15	63	-	-	-	-
	08:00 - 08:15	63	181	26	63	-	-	-	-
	08:15 - 08:30	70	168	29	57	-	-	-	-
	08:30 - 08:45	66	161	29	56	-	-	-	-
	08:45 - 09:00	63	129	33	58	-	-	-	-
	<b>Total hourly flow (veh/h) /Average</b>	<b>248</b>	<b>674</b>	<b>27%</b>	<b>59</b>	-	-	-	-
Slip Road C (Cheung Sha Wan Section)	07:30 - 07:45	19	5	79	52	-	-	-	-
	07:45 - 08:00	20	5	80	48	-	-	-	-

Road Segments	Time	Near Side				Far Side			
		No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)	No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)
Slip Road C (Cheung Sha Wan Section)	08:00 - 08:15	27	4	87	52	-	-	-	-
	08:15 - 08:30	18	3	86	55	-	-	-	-
	08:30 - 08:45	17	3	85	54	-	-	-	-
	08:45 - 09:00	12	0	100	50	-	-	-	-
	<b>Total hourly flow (veh/h) /Average</b>	<b>75</b>	<b>13</b>	<b>86%</b>	<b>52</b>	-	-	-	-
Mainline - HLE (Cheung Sha Wan Section)	07:30 - 07:45	5	3	63	53	5	0	100	45
	07:45 - 08:00	2	3	40	44	8	2	80	50
	08:00 - 08:15	9	3	75	51	8	2	80	51
	08:15 - 08:30	5	2	71	63	9	2	82	47
	08:30 - 08:45	6	1	86	49	5	0	100	42
	08:45 - 09:00	10	0	100	51	9	0	100	52
	<b>Total hourly flow (veh/h) /Average</b>	<b>25</b>	<b>8</b>	<b>72%</b>	<b>52</b>	<b>29</b>	<b>4</b>	<b>88%</b>	<b>48</b>
Lai Po Road	07:30 - 07:45	36	76	32	47	7	44	14	42
	07:45 - 08:00	41	93	31	44	9	43	17	38
	08:00 - 08:15	61	86	41	36	17	48	26	38
	08:15 - 08:30	52	104	33	43	16	35	31	36
	08:30 - 08:45	51	94	35	40	13	26	33	34
	08:45 - 09:00	49	76	39	39	15	30	33	37
	<b>Total hourly flow (veh/h) /Average</b>	<b>193</b>	<b>353</b>	<b>35%</b>	<b>41</b>	<b>51</b>	<b>151</b>	<b>25%</b>	<b>37</b>

**Table 4.4 Summary of Traffic Count and Percentage Heavy Vehicle (20<sup>th</sup> March 2009)**

Road Segments	Time	Near Side				Far Side			
		No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)	No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)
Slip Road A (Cheung Sha Wan Section)	18:00 - 18:15	25	112	18	47	-	-	-	-
	18:15 - 18:30	33	130	20	52	-	-	-	-
	18:30 - 18:45	28	125	18	49	-	-	-	-
	18:45 - 19:00	30	106	22	51	-	-	-	-
	19:00 - 19:15	24	120	17	60	-	-	-	-

Road Segments	Time	Near Side				Far Side			
		No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)	No. of Heavy Vehicle	No. of Light Vehicle	Percentage of Heavy Vehicle	Speed (kph)
Slip Road A (Cheung Sha Wan Section)	19:15 - 19:30	24	126	16	58	-	-	-	-
	<b>Total hourly flow (veh/h) /Average</b>	<b>109</b>	<b>479</b>	<b>19%</b>	<b>53</b>	-	-	-	-
Slip Road B (Cheung Sha Wan Section)	18:00 - 18:15	43	107	29	55	-	-	-	-
	18:15 - 18:30	31	119	21	57	-	-	-	-
	18:30 - 18:45	34	121	22	53	-	-	-	-
	18:45 - 19:00	34	109	24	54	-	-	-	-
	19:00 - 19:15	27	111	20	63	-	-	-	-
	19:15 - 19:30	23	97	19	60	-	-	-	-
	<b>Total hourly flow (veh/h) /Average</b>	<b>128</b>	<b>443</b>	<b>22%</b>	<b>57</b>	-	-	-	-
Slip Road C (Cheung Sha Wan Section)	18:00 - 18:15	6	5	55	52	-	-	-	-
	18:15 - 18:30	10	3	77	48	-	-	-	-
	18:30 - 18:45	7	3	70	49	-	-	-	-
	18:45 - 19:00	5	2	71	47	-	-	-	-
	19:00 - 19:15	3	1	75	49	-	-	-	-
	19:15 - 19:30	5	1	83	57	-	-	-	-
	<b>Total hourly flow (veh/h) /Average</b>	<b>24</b>	<b>10</b>	<b>72%</b>	<b>50</b>	-	-	-	-
Mainline - HLE (Cheung Sha Wan Section)	18:00 - 18:15	6	2	75	46	5	0	100	53
	18:15 - 18:30	4	2	67	55	3	0	100	48
	18:30 - 18:45	5	1	83	56	6	0	100	54
	18:45 - 19:00	9	1	90	47	1	0	100	51
	19:00 - 19:15	3	0	100	47	1	1	50	49
	19:15 - 19:30	6	1	86	56	0	1	0	46
	<b>Total hourly flow (veh/h) /Average</b>	<b>22</b>	<b>5</b>	<b>83%</b>	<b>51</b>	<b>11</b>	<b>1</b>	<b>75%</b>	<b>50</b>
Lai Po Road	18:00 - 18:15	27	43	42	42	16	44	27	44
	18:15 - 18:30	31	44	44	44	20	36	36	49
	18:30 - 18:45	32	41	43	43	17	52	25	42
	18:45 - 19:00	29	45	51	51	16	37	30	46
	19:00 - 19:15	31	41	38	38	18	39	32	46
	19:15 - 19:30	27	34	42	42	70	167	30	44
	<b>Total hourly flow (veh/h) /Average</b>	<b>118</b>	<b>165</b>	<b>43%</b>	<b>43</b>	<b>18</b>	<b>43</b>	<b>30%</b>	<b>45</b>

### **Field Observations**

- 4.8 During the two traffic noise monitoring, no traffic jam was observed on the far-side and near-side of the road carriageways and the nearby existing road network.
- 4.9 No construction activity was carried out during the all traffic noise monitoring.

## 5. ASSESSMENT WORK

- 5.1 In order to ensure that the measured noise levels are comparable with the predicted in EIA under the full provision of the mitigation measures recommended, the conversion correction has been applied into the measured noise levels for the adjustment to the traffic condition.
- 5.2 The adjustment to measured noise levels from current situation to Year 2019 (timeframe of EIA prediction) could not be directly calculated by desktop CRTN method in complex road networks. Modelling tools is used for adjustments. The measured noise levels from current situation can be adjusted by using the calibrated in house noise model. By using the EIA traffic data in the calibrated model, the predicted noise levels of Year 2019 can be calculated and adjusted when the differences between measured and calculated noise levels for current traffic data was added.
- 5.3 Based on the surveyed and EIA traffic data including the percentage heavy vehicles and the vehicle speed, the  $L_{10(1\text{-hour})}$  at the selected monitoring locations were predicted using an in-house noise model according to the methods described in the U.K. Department of Transport's "Calculation of Road Traffic Noise (CRTN)" (1988). In the in-house noise model, the topographical terrain has also been considered based on the field observations.
- 5.4 The procedures of CRTN assume typical traffic and noise propagation conditions which are consistent with moderately adverse wind velocities and direction. All noise levels are expressed in terms of  $L_{10(1\text{-hour})}$  dB(A). The calculations were worked to 0.1 dB(A) keeping within the quoted range of the validity charts. For comparison with the specified noise levels or the EIA-TM standards, the relevant noise levels from traffic expected to use the highway were rounded to the nearest whole number (0.5 being rounded up). Details of the methods have been given in the CRTN.
- 5.5 By using the predicted traffic data in EIA report and concurrent traffic data obtained from the measurements, the calculated noise levels at the monitoring stations were predicted by in-house noise modelling tool. A summary of the calculated noise levels of the monitoring stations is provided in Table 5.1. The predicted noise levels of the monitoring stations from the 1999 R9 EIA Report are also provided in Table 5.1 for reference.

**Table 5.1 Summary of Predicted Noise Levels in the 1999 R9 EIA Report and Calculated Noise Levels based on In-house Noise Model**

Monitoring Station	Location	EIA Report Prediction		In-house Noise Model Calibration		
		Predicted Unmitigated Noise Levels, dB(A)	Predicted Mitigated Noise Levels, dB(A)	Calculated Noise Level $L_{10(1-hour)}$ dB(A) (Based on EIA Traffic Data)	Calculated Noise Levels $L_{10(1-hour)}$ dB(A) (Based on 1 <sup>st</sup> monitoring traffic data)	Calculated Noise Levels $L_{10(1-hour)}$ dB(A) (Based on 2 <sup>nd</sup> monitoring traffic data)
NMO2	1/F, Hoi Fai House, Hoi Lai Estate (NSR 640 of Site 10)	80.0	77.1	77.0	65.6	64.8
	20/F, Hoi Fai House, Hoi Lai Estate (NSR 640 of Site 10)	81.1	77.3	77.4	64.2	64.0

- 5.6 A calibration process of the in house noise modelling tool was carried out by comparing EIA predictions and the results from in house modelling tool with identical input data. According to Tables 5.1, a 0.1dB(A) between the two models were observed. The acceptable differences were caused from the assumption of the topographic terrain set up in noise-model tools.
- 5.7 Different noise model tools using in EIA and the report are no contradiction to correct the measured noise levels for the comparison with predicted noise levels as they have been based on same acoustic theory according to the Calculation of Road Traffic Noise (CRTN).
- 5.8 After calibrated the in house noise model, the differences between measured and calculated noise levels for current situation were checked and the comparison of measured noise levels and calculated noise levels using the concurrent traffic data is shown in Table 5.2

**Table 5.2 Comparison of Measured and Calculated Traffic Noise Levels (Current Traffic Data)**

Measurement Date	Monitoring Stations (NSR ID in the EIA Report)	Floor	Measured Traffic Noise Levels, $L_{10(1-hour)}$ dB(A)	Calculated Traffic Noise Levels, $L_{10(1-hour)}$ dB(A) (Current Traffic Data)	Difference between Calculated Traffic Noise Levels, dB(A)
24/2/2009	NMO2 (NSR 640 of Site 10)	1/F	65.3	65.6	-0.3
		20/F	63.7	64.2	-0.5
20/3/2009	NMO2 (NSR 640 of Site 10)	1/F	64.0	64.8	-0.8
		20/F	64.6	64.0	0.6

- 5.9 According to Table 5.2, all differences between measured noise levels and calculated noise levels using concurrent traffic data were less than 1 dB(A), the traffic noise prediction of the concurrent situation can be concluded as accurate.
- 5.10 The measured noise levels from current situation can be adjusted by using the calibrated in house noise model. By using the EIA traffic data in the calibrated model, the predicted noise levels of Year 2019 can be calculated and adjusted when the differences between measured and calculated noise levels for current traffic data was added. The predicted noise levels for Year 2019 are shown in Table 5.3.

**Table 5.3 Calibrated Predicted Traffic Noise Levels (EIA Traffic Data)**

Measurement Date	Monitoring Stations (NSR ID in the EIA Report)	Floor	Calculated Traffic Noise Levels, $L_{10(1\text{-hour})}$ dB(A) (EIA Traffic Data)	Differences between Measured and Calculated Traffic Noise Levels, dB(A)	Calibrated Predicted Traffic Noise Levels, $L_{10(1\text{-hour})}$ dB(A) (EIA Traffic Data)
24/2/2009	NMO2 (NSR 640 of Site 10)	1/F	77.0	-0.3	76.7
		20/F	77.4	-0.5	76.9
20/3/2009	NMO2 (NSR 640 of Site 10)	1/F	77.0	-0.8	76.2
		20/F	77.4	0.6	78.0

- 5.11 Compared with the Table 5.1, less than 1 dB(A) differences were observed between the calibrated predicted noise levels and predicted mitigated noise levels provided in EIA. As such, it can be concluded that the calibrated predicted noise levels are complied with the road traffic noise criterion.



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## 6. CONCLUSION

- 6.1 Route 8 between Cheung Sha Wan and Sha Tin has been operated since 21 March 2008. In accordance with the 1999 EM&A Manual for the Project, traffic noise levels were measured twice within the first year of the road opening. The first and second operational traffic noise monitoring for the Project (R8K) were conducted at low and mid level of Noise Monitoring Station, NMO2 on 24 February and 20 March 2009.
- 6.2 In accordance with Clause 3.9 and 3.16 of EM&A Manual, this report included the comparison between the measured and predicted noise levels at the proposed noise monitoring station under full provision of the mitigation measures.
- 6.3 The noise levels differences between the measured and predicted noise levels in EIA were arises from the low current traffic flow. The calibrated predicted traffic noise levels were conversed by the in-house noise model.
- 6.4 The differences between the calibrated predicted noise levels and predicted mitigated noise levels provided in EIA are less than 1 dB(A). As such, it can be concluded that the calibrated predicted noise levels are complied with the road traffic noise criterion.

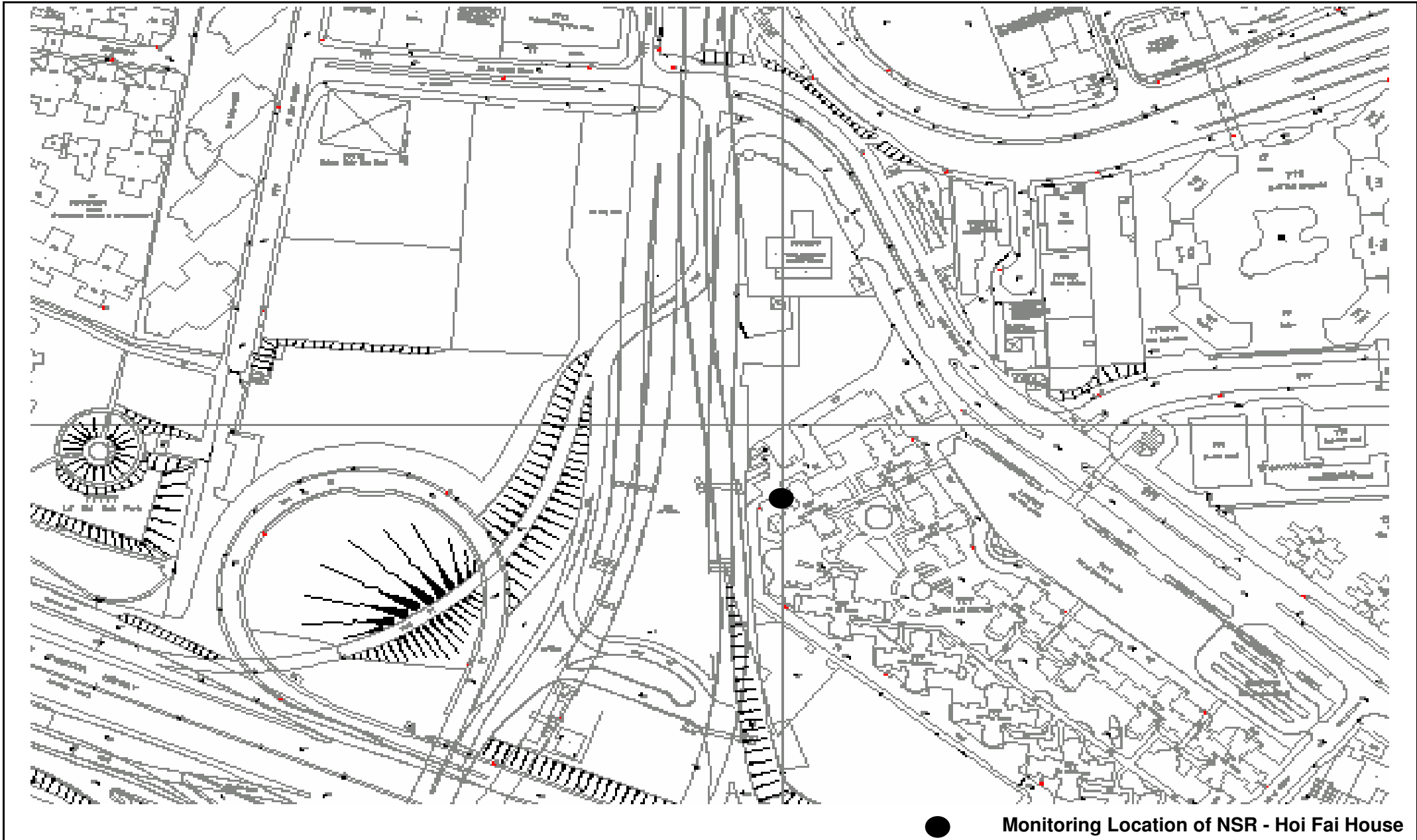
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**FIGURE**

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● Monitoring Location of NSR - Hoi Fai House

Route 8 between Cheung Sha Wan and Sha Tin - Lai Chi Kok Viaduct & Eagle's Nest Tunnel  
Traffic Noise Monitoring Report

SCALE	N.T.S.	DATE	Apr-09
CHECK	AN	DRAWN	CM
JOB NO.	MA3024	DRAWING No.	1.1
		Rev	-

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**APPENDIX A  
COPIES OF CALIBRATION  
CERTIFICATES**

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## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	C/N/81215/1
Date of Issue:	2008-12-16
Date Received:	2008-12-15
Date Tested:	2008-12-15
Date Completed:	2008-12-16
Next Due Date:	2009-12-15

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description	: Integrating Sound Level Meter
Manufacturer	: Brüel & Kjær
Model No.	: B&K 2238
Serial No.	: 2337665
Microphone No.	: 2289749
Equipment No.	: N-01-01

**Test conditions:**

Room Temperature	: 20 degree Celsius
Relative Humidity	: 60%

**Test Specifications:**

Performance checking at 94 and 114 dB

**Methodology:**

In-house method, according to manufacturer instruction manual

**Results:**

Reference Set Point, dB	Instrument Readings, dB
94	94.0
114	114.0

*PREPARED AND CHECKED BY:*

For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**

Laboratory Manager

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	C/N/80929/1
Date of Issue:	2008-09-29
Date Received:	2008-09-27
Date Tested:	2008-09-27
Date Completed:	2008-09-29
Next Due Date:	2009-09-28

**ATTN:** Mr. Henry Leung

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### Certificate of Calibration

**Item for calibration:**

Description	: 'SVANTEK' Integrating Sound Level Meter
Manufacturer	: SVANTEK
Model No.	: SVAN 959
Serial No.	: 11275
Microphone No.	: 86553
Equipment No.	: N-08-01

**Test conditions:**

Room Temperature	: 22 degree Celsius
Relative Humidity	: 59%

**Test Specifications:**

Performance checking at 94 and 114 dB

**Methodology:**

In-house method, according to manufacturer instruction manual

**Results:**

Reference Set Point, dB	Instrument Readings, dB
94	94.0
114	114.0

*PREPARED AND CHECKED BY:*

For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**

Laboratory Manager

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	C/N/80925/2
Date of Issue:	2008-09-26
Date Received:	2008-09-25
Date Tested:	2008-09-25
Date Completed:	2008-09-26
Next Due Date:	2009-09-25

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Item for calibration:

Description	: Acoustical Calibrator
Manufacturer	: SVANTEK
Model No.	: SV30A
Serial No.	: 10929
Equipment No.	: N-09-01

### Test conditions:

Room Temperature	: 22 degree Celsius
Relative Humidity	: 59%

### Methodology:

The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard(s) and instrument(s) which are recommended by the manufacturer, or equivalent.

### Results:

Sound Pressure Level (1kHz)	Measured SPL	Tolerance
At 94 dB SPL	94.0	94.0 ± 0.1 dB
At 114 dB SPL	114.0	114.0 ± 0.1 dB

*PREPARED AND CHECKED BY:*

For and On Behalf of **WELLAB Ltd.**

  
\_\_\_\_\_  
**PATRICK TSE**  
Laboratory Manager

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**APPENDIX B  
TRAFFIC DATA (JULY 08)**

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**TRANSPORT INFRASTRUCTURE MANAGEMENT LIMITED**

Tsing Sha Control Area

Hourly Traffic Summary - Report Date **01-Jul-08**

(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	2	70	0	9	8	0	0	1	10	100	4	176	0	14	14	8	1	7	9	233	333
0200	1	53	0	5	4	1	0	1	3	68	0	95	0	13	13	4	0	0	9	134	202
0300	2	55	0	10	3	0	0	0	3	73	4	70	0	11	11	3	0	0	4	103	176
0400	0	40	0	8	7	0	1	0	2	58	1	54	0	9	6	2	1	0	2	75	133
0500	1	54	0	15	17	0	1	0	0	88	0	37	0	4	5	0	0	0	0	46	134
0600	2	42	0	12	4	1	2	4	9	76	2	39	0	15	10	0	3	0	2	71	147
0700	2	56	0	32	11	1	2	0	17	121	1	41	0	28	12	1	3	0	11	97	218
0800	3	81	0	34	31	1	5	0	27	182	0	53	0	18	21	1	11	0	34	138	320
0900	2	117	0	54	56	3	5	2	31	270	1	70	0	35	20	1	10	0	26	163	433
1000	1	130	1	51	56	1	6	0	54	300	2	89	2	47	31	1	10	0	54	236	536
1100	0	193	0	44	53	4	7	2	28	331	2	120	0	41	43	4	5	0	48	263	594
1200	5	236	0	50	39	4	5	0	40	379	4	259	0	51	47	4	4	0	59	428	807
1300	4	254	0	52	33	4	5	0	31	383	4	223	1	50	48	1	7	1	41	376	759
1400	8	241	1	43	33	2	6	0	30	364	7	210	2	48	37	1	4	0	31	340	704
1500	1	264	0	44	40	0	3	0	31	383	4	234	0	58	29	3	5	0	30	363	746
1600	4	262	0	29	24	0	4	0	28	351	4	233	1	40	38	0	1	1	27	345	696
1700	5	219	0	25	20	0	5	0	21	295	7	241	0	32	41	2	7	0	29	359	654
1800	4	280	2	40	29	1	6	0	34	396	5	246	0	42	33	1	6	0	28	361	757
1900	7	359	0	25	32	1	4	0	44	472	9	261	0	44	29	3	10	0	21	377	849
2000	3	240	0	22	23	3	5	0	20	316	7	242	0	40	15	0	6	0	28	338	654
2100	3	175	0	17	14	5	3	0	21	238	1	186	0	21	18	0	7	2	24	259	497
2200	8	187	0	12	34	26	2	0	21	290	1	270	1	13	11	0	9	0	12	317	607
2300	6	164	0	9	22	6	1	1	15	224	2	255	0	20	9	2	0	0	10	298	522
2400	5	105	0	14	8	0	4	0	9	145	4	180	0	9	10	3	4	1	8	219	364
Total	79	3877	4	656	601	64	82	11	529	5903	76	3884	7	703	551	45	114	12	547	5939	11842

Hourly Traffic Summary - Report Date **02-Jul-08**

(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	1	59	0	7	4	0	1	0	5	77	1	96	0	11	13	5	0	6	6	138	215
0200	0	32	0	5	6	0	0	1	4	48	2	42	0	5	5	9	0	0	5	68	116
0300	0	29	0	12	3	0	0	0	0	44	1	28	0	4	1	5	1	0	1	41	85
0400	0	22	0	13	6	0	0	0	1	42	1	19	0	10	6	3	1	0	2	42	84
0500	0	20	0	25	12	0	0	0	1	58	0	17	0	10	3	0	0	0	0	30	88
0600	0	18	0	15	4	1	2	2	4	46	1	21	0	22	11	0	0	0	4	59	105
0700	0	77	0	32	22	2	7	5	25	170	1	31	1	42	11	0	7	1	15	109	279
0800	7	471	2	72	63	8	16	3	28	670	3	145	0	33	29	8	16	0	32	666	936
0900	16	752	0	154	108	5	14	5	52	1106	4	322	4	78	73	21	30	6	74	612	1718
1000	12	404	1	144	140	16	12	0	67	796	5	215	5	129	112	17	17	7	89	596	1392
1100	4	260	2	149	131	17	12	0	59	634	4	192	1	133	120	22	8	6	71	557	1191
1200	7	207	2	130	108	10	13	0	44	521	1	154	2	133	116	19	10	0	75	510	1031
1300	4	196	1	103	95	20	11	0	46	476	3	164	1	117	85	11	8	1	64	454	930
1400	3	195	3	99	115	14	5	0	37	471	1	158	8	121	113	11	9	0	67	488	959
1500	1	215	2	108	140	12	8	1	60	547	3	193	3	175	112	21	10	0	64	581	1128
1600	3	170	2	127	93	8	6	0	67	476	2	216	2	165	106	18	5	0	49	563	1039
1700	5	177	3	116	104	8	8	0	65	486	5	292	1	181	130	7	8	0	58	682	1168
1800	7	245	2	101	107	6	9	2	57	536	5	390	4	172	126	5	10	0	39	751	1287
1900	6	270	1	85	76	7	16	0	69	530	13	500	3	151	87	7	29	0	46	836	1366
2000	6	204	1	52	54	6	8	1	43	375	14	496	2	125	71	3	8	2	41	762	1137
2100	3	142	0	28	49	8	6	1	44	281	2	328	1	56	43	2	4	3	34	473	754
2200	3	143	0	17	40	19	3	2	34	261	6	256	1	43	34	0	5	2	42	389	650
2300	3	118	1	14	22	13	3	2	28	204	8	262	0	25	29	1	2	0	35	362	566
2400	2	89	0	14	17	0	1	0	13	136	3	222	0	19	18	2	2	2	16	284	420
Total	93	4515	23	1622	1519	180	161	25	853	8991	89	4759	39	1960	1454	197	190	36	929	9653	18644

Hourly Traffic Summary - Report Date **03-Jul-08**

(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	0	76	0	10	11	1	1	0	8	107	2	131	0	15	21	8	0	7	9	193	300
0200	1	38	0	10	9	0	1	1	1	61	1	65	0	9	11	8	2	0	11	107	168
0300	0	27	0	8	8	0	1	0	0	44	0	41	0	7	7	2	0	0	8	65	109
0400	0	29	0	12	3	0	0	0	2	46	1	29	0	7	6	4	0	1	3	51	97
0500	0	23	0	27	17	0	0	0	4	71	1	14	0	17	11	0	2	0	3	48	119
0600	1	21	0	20	9	0	2	3	3	59	0	23	0	22	7	0	1	0	4	57	116
0700	1	69	0	32	26	5	8	4	18	163	1	44	3	40	9	0	2	2	24	125	288
0800	4	417	2	74	67	3	18	3	44	632	3	131	2	32	33	5	15	2	46	269	901
0900	18	775	1	161	152	4	12	2	53	1178	6	297	1	75	84	22	30	7	83	605	1783
1000	14	408	3	172	162	28	7	1	52	847	4	198	3	126	83	14	11	7	74	520	1367
1100	6	275	2	151	116	32	6	0	42	630	2	154	2	136	97	25	5	6	89	516	1146
1200	1	242	1	117	112	22	9	1	65	570	1	192	2	145	112	25	4	0	81	562	1132
1300	3	218	1	121	73	25	12	0	55	508	2	180	1	124	97	19	8	1	61	493	1001
1400	5	204	3	117	109	14	6	0	55	513	3	179	4	121	82	19	8	0	49	465	978
1500	2	175	3	119	135	25	8	0	42	509	7	208	4	164	116	22	12	0	63	596	1105
1600	5	186	2	126	103	14	12	2	41	491	2	215	2	164	118	20	8	1	49	579	1070
1700	4	188	5	123	104	14	12	0	50	500	4	293	2	156	132	9	16	1	53	666	1166
1800	8	199	2	95	96	5	7	1	68	481	10	319	3	156	109	11	9	0	39	656	1137
1900	4	300	0	82	60	7	16	0	63	532	15	522	1	150	103	3	20	0	36	850	1382
2000	7	197	0	52	61	0	6	0	54	377	3	521	0	112	69	1	14	3	34	757	1134
2100	7	154	0	36	34	8	5	1	46	291	4	322	0	49	55	1	4	3	44		

Hourly Traffic Summary - Report Date **04-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	4	68	0	11	12	2	0	0	7	104	1	125	0	15	19	6	1	6	12	185	289
0200	1	46	0	5	8	0	0	1	4	65	1	55	0	16	12	4	0	0	6	94	159
0300	0	29	0	13	7	0	0	0	4	53	2	35	0	5	9	7	0	0	1	59	112
0400	0	22	0	15	4	1	0	0	0	42	0	29	0	16	6	2	0	0	4	57	99
0500	0	30	0	28	12	0	0	0	5	75	0	20	0	10	3	2	0	0	1	36	111
0600	0	19	0	20	6	0	2	4	7	58	0	23	1	22	11	0	0	0	4	61	119
0700	1	75	1	33	26	2	5	2	24	169	3	32	1	45	10	1	3	1	20	116	285
0800	5	425	2	98	59	5	21	4	25	644	3	121	6	26	40	7	15	0	51	269	913
0900	10	717	3	168	130	5	13	3	59	1108	5	320	2	88	76	20	26	6	72	615	1723
1000	14	441	3	146	145	10	13	2	51	825	6	224	4	136	96	35	13	8	56	578	1403
1100	9	291	0	145	117	13	12	0	61	648	5	162	2	145	105	27	9	7	58	520	1168
1200	8	224	1	139	119	13	15	1	62	582	1	192	1	136	125	20	4	2	69	550	1132
1300	0	208	2	128	78	11	9	0	40	476	3	186	1	121	93	19	8	0	60	491	967
1400	5	208	1	108	80	12	9	1	59	483	3	177	8	120	100	22	9	0	68	507	990
1500	5	228	2	130	128	15	10	0	58	576	5	241	3	155	105	35	13	0	45	602	1178
1600	4	193	5	147	124	8	11	2	61	555	0	194	2	134	126	28	9	1	57	551	1106
1700	3	185	2	116	88	14	12	0	59	479	5	277	3	162	133	12	12	1	56	661	1140
1800	7	243	2	99	95	8	12	2	75	543	7	376	6	174	105	11	13	1	50	743	1286
1900	6	365	0	93	76	8	20	0	80	648	12	480	2	142	108	3	25	0	41	813	1461
2000	5	283	1	59	53	1	9	0	60	471	13	508	0	120	66	4	12	2	49	774	1245
2100	4	168	0	24	29	5	5	0	56	291	5	336	0	51	44	2	8	2	39	487	778
2200	3	159	1	15	25	21	4	2	49	279	9	276	0	24	43	4	9	1	28	394	673
2300	4	166	0	8	43	15	2	1	37	276	4	326	0	39	23	1	1	0	29	423	699
2400	1	113	0	14	16	2	3	0	23	172	4	302	1	19	25	1	2	2	26	382	554
Total	99	4906	26	1762	1480	171	187	25	966	9622	97	5017	43	1921	1483	273	192	40	902	9968	19590

Hourly Traffic Summary - Report Date **05-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	3	88	1	16	12	1	1	0	7	129	2	166	0	17	27	6	1	5	16	240	369
0200	0	55	0	6	9	0	0	1	8	79	5	90	0	17	10	11	1	0	13	147	226
0300	2	59	0	16	5	1	0	0	1	84	0	71	0	11	5	8	1	0	6	102	186
0400	0	39	0	17	2	0	0	0	0	58	0	61	0	11	10	4	0	0	3	89	147
0500	0	39	0	19	10	0	1	0	4	73	0	42	0	10	9	0	0	0	2	63	136
0600	2	20	0	20	9	1	1	3	2	58	0	33	0	25	5	0	3	0	4	70	128
0700	3	57	0	31	25	4	3	4	26	153	1	40	0	41	12	0	1	1	11	107	260
0800	4	188	0	74	77	8	10	2	34	397	3	72	0	31	26	6	14	1	42	195	592
0900	9	457	2	140	136	10	7	1	58	820	2	177	0	71	51	19	13	5	69	407	1227
1000	7	354	1	147	131	11	8	0	62	721	5	183	0	105	100	14	4	8	90	509	1230
1100	3	304	2	119	122	15	9	1	60	635	2	184	1	142	108	15	7	7	76	542	1177
1200	7	293	2	122	110	19	11	0	65	629	2	205	1	138	105	11	8	2	88	560	1189
1300	4	290	3	88	66	14	10	1	45	521	2	242	0	99	86	11	8	0	58	506	1027
1400	4	353	0	107	102	11	8	0	69	654	3	383	1	121	90	18	13	0	51	680	1334
1500	6	263	0	105	89	12	7	0	54	536	6	371	1	127	105	12	14	2	51	689	1225
1600	5	270	1	68	76	14	9	1	56	500	7	316	1	132	113	17	7	0	66	659	1159
1700	4	256	2	91	82	16	9	2	46	508	6	358	3	107	108	6	8	1	46	643	1151
1800	6	284	0	65	63	5	14	0	61	498	5	393	1	119	78	11	9	0	40	656	1154
1900	9	346	0	57	54	5	8	0	72	551	13	429	2	100	60	3	10	0	34	651	1202
2000	4	215	1	38	30	3	4	0	52	347	10	339	0	65	37	1	8	3	36	499	846
2100	4	194	0	26	23	9	4	1	39	300	10	211	0	43	26	1	5	6	40	342	642
2200	2	178	0	14	28	22	3	2	40	289	5	280	0	26	22	1	3	0	37	374	663
2300	4	236	0	18	20	10	8	1	20	317	5	287	0	23	13	2	7	1	32	370	687
2400	1	133	0	16	9	3	3	0	18	183	4	210	0	21	13	1	3	3	14	269	452
Total	93	4971	15	1420	1290	194	138	20	899	9040	98	5143	11	1602	1219	178	148	45	925	9369	18409

Hourly Traffic Summary - Report Date **06-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	5	78	0	12	10	0	0	0	6	111	4	158	0	13	14	4	3	5	14	215	326
0200	2	74	0	6	6	0	0	1	2	91	1	67	1	10	9	5	0	0	8	101	192
0300	0	47	0	5	3	0	1	0	2	58	1	68	0	8	7	4	0	0	3	91	149
0400	1	53	0	15	4	0	0	0	1	74	1	35	0	4	6	2	0	0	4	52	126
0500	0	40	0	15	12	0	0	0	1	68	0	36	0	10	4	1	1	0	0	52	120
0600	3	34	0	19	4	1	1	3	3	68	1	30	0	20	8	0	0	0	1	60	128
0700	2	58	0	17	7	1	4	1	8	98	0	42	1	41	3	0	4	0	8	99	197
0800	3	84	0	35	14	1	5	0	10	152	0	50	0	22	11	0	10	0	28	121	273
0900	3	130	0	46	20	5	10	1	29	244	4	106	1	37	13	2	7	0	25	195	439
1000	5	196	2	48	17	1	11	1	46	327	8	113	0	43	24	0	9	1	19	217	544
1100	0	231	1	35	15	1	5	2	33	323	2	183	1	44	11	4	7	2	40	294	617
1200	2	270	1	33	20	1	6	2	31	366	4	225	0	35	18	6	2	0	52	342	708
1300	1	270	1	42	15	2	14	0	26	371	1	198	0	25	12	3	12	0	35	286	657
1400	1	294	0	38	12	2	8	0	32	387	1	217	0	32	15	2	7	0	23	297	684
1500	1	261	1	25	14	0	5	0	19	326	4	242	1	45	20	2	7	0	21	342	668
1600	1	251	0	29	13	1	5	0	23	323	4	265	1	33	13	4	14	1	18	353	676
1700	5	224	2	32	16	1	7	0	25	312	2	316	0	37	9	3	3	1	28	399	711
1800	3	242	4	33	16	0	13	0	24	335	5	279	1	36	9	0	7	0	14	351	686
1900	2	342	3	28	20	1	11	0	17	424	5	319	1	38	10	0	14	0	19	406	830
2000	1	234	0	24	7	0	6	0	19	291	0	252	0	28	14	2	11	0	19	326	617
2100	1	177	0	17	16	6	6	1	16	240	0	222	0	20	6	1	7	1	12	269	509
2200	1	203	0	19	21	21	3	0	11	279	0	275	1	20	6	0	5	0	8	315</	

Hourly Traffic Summary - Report Date **07-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	50	0	2	5	0	0	0	1	59	2	78	0	7	12	3	0	6	4	112	171
0200	0	33	0	8	5	0	0	1	2	49	1	38	0	6	9	10	2	0	2	68	117
0300	0	31	0	10	1	0	1	0	0	43	0	32	0	3	5	4	1	0	0	45	88
0400	0	23	0	18	7	0	0	0	1	49	0	23	0	6	4	3	2	0	0	38	87
0500	0	18	0	19	14	1	1	0	3	56	0	13	0	12	6	1	1	0	0	33	89
0600	0	23	2	24	3	0	3	3	3	61	0	22	0	22	8	0	0	0	3	55	116
0700	2	87	3	34	19	1	5	5	12	168	0	38	1	45	13	0	4	2	10	113	281
0800	9	442	0	66	48	7	14	3	25	614	5	135	2	36	23	9	15	1	43	269	883
0900	11	865	1	151	83	7	14	4	33	1169	1	337	1	79	66	15	25	9	69	602	1771
1000	4	487	1	128	130	10	10	2	43	815	0	252	4	109	75	8	17	12	75	552	1367
1100	5	283	1	169	108	14	10	0	51	641	2	203	0	139	89	12	8	6	74	533	1174
1200	3	239	1	148	103	9	10	0	37	550	2	154	3	139	94	15	4	1	68	480	1030
1300	7	212	1	102	79	14	9	2	38	464	1	163	1	111	79	8	6	0	49	418	882
1400	2	182	4	95	97	12	7	0	37	436	1	192	3	126	94	12	10	0	62	500	936
1500	2	191	1	111	125	7	6	0	53	496	4	223	1	179	84	17	6	1	64	579	1075
1600	3	229	1	120	101	19	13	2	40	528	2	221	3	150	104	18	8	0	40	546	1074
1700	4	205	2	122	85	10	12	0	48	488	4	247	3	150	124	8	10	1	38	585	1073
1800	6	234	1	96	73	7	14	1	51	483	4	339	2	170	98	8	8	2	38	669	1152
1900	2	274	1	61	63	7	17	0	38	463	9	518	2	134	87	3	27	0	40	820	1283
2000	3	209	0	43	49	4	2	0	30	340	8	517	2	97	38	1	13	3	25	704	1044
2100	3	167	0	22	34	11	4	0	38	279	3	360	2	56	38	1	5	3	35	503	782
2200	3	156	0	22	37	20	3	2	20	263	2	276	0	41	25	1	5	0	20	370	633
2300	1	120	0	16	26	3	4	1	11	182	0	244	1	37	19	0	1	0	26	328	510
2400	2	95	0	6	14	2	1	0	12	132	0	202	0	20	16	0	3	2	15	258	390
Total	73	4855	20	1593	1309	165	160	26	627	8828	51	4827	31	1874	1210	157	181	49	800	9180	18008

Hourly Traffic Summary - Report Date **08-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	66	0	7	6	0	0	0	6	86	4	120	0	9	13	11	0	8	4	169	255
0200	1	35	0	4	6	0	0	1	1	48	1	63	0	6	4	11	0	0	3	88	136
0300	0	21	0	12	4	0	0	0	2	39	0	29	0	5	6	3	1	0	1	45	84
0400	0	26	0	12	2	0	0	0	1	41	0	24	0	8	6	2	0	0	1	41	82
0500	3	24	0	25	14	0	1	0	2	69	0	23	0	16	2	1	1	0	1	44	113
0600	1	22	0	22	3	0	1	3	4	56	0	23	0	23	7	0	0	0	4	57	113
0700	3	64	0	26	23	4	11	4	23	158	0	43	1	41	5	1	3	2	12	108	266
0800	5	404	2	83	62	6	14	3	26	605	2	139	1	27	27	5	18	0	34	253	858
0900	10	814	3	148	113	9	10	3	53	1163	1	298	4	83	75	14	20	10	67	572	1735
1000	7	536	0	169	136	13	12	2	63	938	3	239	5	115	94	5	15	10	85	571	1509
1100	1	323	1	184	131	12	9	0	49	710	1	213	0	159	102	15	6	8	76	580	1290
1200	5	258	4	148	103	7	12	1	48	586	1	186	0	135	101	11	7	1	97	539	1125
1300	5	247	1	112	97	13	10	2	40	527	0	174	4	109	87	6	6	2	71	459	986
1400	1	195	3	93	78	11	5	3	52	441	1	181	3	124	95	16	5	0	80	505	946
1500	3	228	2	117	124	14	6	0	52	546	3	215	5	129	83	13	6	1	62	517	1063
1600	6	204	2	124	97	14	9	3	53	512	2	208	3	177	131	22	6	2	55	606	1118
1700	2	205	5	123	91	10	10	1	60	507	3	257	4	131	104	9	9	0	45	562	1069
1800	2	239	3	84	67	10	15	1	49	470	3	341	2	148	104	5	7	0	50	660	1130
1900	3	328	1	62	61	8	13	0	48	524	4	496	2	131	65	5	25	1	30	759	1283
2000	3	238	0	36	36	2	6	0	57	378	7	541	1	94	64	0	14	2	27	750	1128
2100	3	145	0	27	36	8	4	0	49	272	1	356	1	58	37	0	12	2	29	496	768
2200	3	129	0	13	37	18	6	2	23	231	3	285	3	29	31	0	6	3	34	394	625
2300	2	122	0	13	32	9	2	1	25	206	5	264	0	25	17	1	0	2	42	356	562
2400	1	105	0	10	12	2	3	0	8	141	3	220	0	20	18	5	2	1	17	286	427
Total	71	4978	27	1654	1371	170	159	30	794	9254	48	4938	39	1802	1278	161	169	55	927	9417	18671

Hourly Traffic Summary - Report Date **09-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	77	0	13	6	0	0	1	5	103	3	143	0	17	17	4	3	7	10	204	307
0200	1	37	0	4	11	1	0	1	5	60	2	60	0	7	12	9	1	0	4	95	155
0300	1	41	0	12	2	0	1	0	1	58	1	38	0	6	13	6	1	0	7	72	130
0400	0	26	0	12	2	0	0	0	2	42	0	32	0	10	4	0	0	0	4	50	92
0500	0	23	0	20	12	0	0	0	0	55	1	17	0	20	2	1	0	0	2	43	98
0600	0	19	0	26	7	0	2	3	6	63	0	29	0	25	4	0	2	0	6	66	129
0700	2	80	3	31	22	4	3	3	26	174	0	41	3	41	10	0	3	2	21	121	295
0800	7	458	2	89	70	7	16	4	34	687	2	133	0	38	21	7	13	0	39	253	940
0900	9	769	3	163	123	10	14	3	54	1148	2	310	8	80	68	12	28	5	85	598	1746
1000	5	440	1	154	154	11	10	0	79	854	6	263	5	145	105	8	10	12	85	639	1493
1100	8	269	3	160	121	13	4	1	51	630	2	176	3	152	134	12	8	6	112	605	1235
1200	4	252	2	119	125	14	9	2	44	571	3	169	2	146	121	7	6	2	106	562	1133
1300	4	215	3	105	84	18	7	1	51	488	3	184	2	116	95	12	4	1	102	519	1007
1400	6	189	3	105	120	13	7	0	48	491	1	190	8	122	103	16	7	0	75	522	1013
1500	4	196	3	111	124	9	7	0	48	502	9	201	1	155	123	17	13	2	56	577	1079
1600	3	165	2	115	120	6	8	5	68	492	2	201	3	128	130	14	10	2	49	539	1031
1700	3	197	1	118	106	4	8	4	62	503	1	267	3	148	112	7	10	0	48	596	1099
1800	6	227	1	96	88	8	13	0	61	500	5	324	5	132	94	9	5	0	41	615	1115
1900	7	353	1	76	68	7	18	0	73	603	7	545	1	140	113	2	28	0	40	876	1479
2000	4	245	0	43	48	3	5	0	61	409	8	547	1	125	57	7	19	2	32	798	1207
2100	0	138	2	19	35	6	3	0	38	241	5	331	2	56	42	2	5	2	45	490	731
2200	0	142	0	13	47	18	4	3	42	269	3	299	0	32	34	0	5	4	32	409	678
2300	1	126																			

Hourly Traffic Summary - Report Date **10-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	65	0	11	7	0	1	1	6	92	4	109	0	10	22	6	6	3	17	177	269
0200	0	45	0	4	7	0	0	1	7	64	1	51	0	5	12	4	0	0	10	83	147
0300	0	35	0	15	7	0	1	0	2	60	1	27	0	11	5	6	0	0	3	53	113
0400	0	29	0	10	6	0	0	0	1	46	1	31	0	10	2	1	0	0	5	50	96
0500	0	25	0	17	14	0	0	0	2	58	0	19	0	12	5	0	0	0	0	36	94
0600	1	30	0	25	8	0	3	4	9	80	0	31	0	21	10	0	0	0	3	65	145
0700	4	78	0	31	18	1	7	2	24	165	0	54	3	43	10	2	3	2	17	134	299
0800	4	470	2	78	51	4	17	3	28	657	3	146	0	32	26	4	22	3	43	279	936
0900	6	895	3	170	115	3	14	3	46	1255	3	338	1	68	59	16	32	5	68	590	1845
1000	8	616	1	200	184	9	10	0	76	1104	2	270	4	118	72	6	19	13	54	558	1662
1100	3	324	0	164	132	19	9	1	68	720	2	171	1	157	99	6	9	5	69	519	1239
1200	5	250	2	151	100	10	6	0	67	591	3	178	3	123	118	17	7	3	75	527	1118
1300	4	224	1	134	82	6	10	2	55	518	0	180	1	121	106	11	5	1	58	483	1001
1400	4	216	3	113	98	8	10	0	70	522	0	185	5	100	100	10	8	1	65	474	996
1500	1	226	1	131	113	13	5	1	67	558	3	219	4	173	99	11	12	2	68	591	1149
1600	2	228	3	129	104	11	12	4	62	555	3	216	4	159	98	16	8	2	41	547	1102
1700	2	223	1	117	81	5	16	1	45	491	2	275	4	178	100	8	17	0	63	647	1138
1800	5	229	1	91	61	6	15	2	64	474	4	374	4	128	113	1	13	0	48	685	1159
1900	2	330	1	82	64	9	14	0	83	585	5	505	0	139	77	5	21	0	36	788	1373
2000	0	243	1	34	43	2	3	0	43	369	5	519	0	98	60	2	11	3	47	745	1114
2100	3	189	1	26	43	4	4	1	38	309	1	333	2	68	40	1	6	3	39	493	802
2200	2	119	1	14	31	24	3	3	39	236	0	284	0	39	35	0	7	0	35	400	636
2300	0	146	0	12	34	7	6	2	30	237	2	314	1	30	28	1	3	0	36	415	652
2400	1	101	0	15	13	0	2	1	16	149	1	246	1	17	21	4	2	2	22	316	465
Total	58	5336	22	1774	1416	141	168	32	948	9895	46	5075	38	1860	1317	138	211	48	922	9655	19550

Hourly Traffic Summary - Report Date **11-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	75	2	13	9	0	0	2	10	112	4	132	0	17	12	7	0	8	13	193	305
0200	0	41	0	8	11	0	0	1	7	68	3	85	0	0	9	4	0	0	11	112	180
0300	0	34	0	8	4	0	0	0	2	48	0	36	0	10	10	1	0	0	9	66	114
0400	0	35	0	15	7	0	0	0	2	59	3	18	0	11	7	0	1	1	3	44	103
0500	2	35	0	20	11	0	1	0	2	71	0	30	0	9	6	0	0	0	2	47	118
0600	1	29	0	24	8	1	2	3	7	75	0	23	0	28	7	1	1	0	3	63	138
0700	5	72	0	33	26	2	9	5	26	178	0	44	0	46	10	0	5	2	20	127	305
0800	7	414	1	93	67	5	12	3	46	648	3	141	1	33	29	8	18	2	47	282	930
0900	10	724	0	132	101	4	14	3	35	1023	3	337	4	82	72	17	24	3	82	624	1647
1000	6	491	1	165	170	12	10	2	49	906	3	262	6	128	109	12	14	11	64	609	1515
1100	12	327	2	177	133	25	14	0	73	763	3	200	2	159	85	10	8	5	79	551	1314
1200	3	250	3	135	105	17	14	0	51	578	1	181	0	123	105	11	3	0	75	499	1077
1300	4	239	1	104	84	15	5	0	53	505	4	187	1	107	119	12	6	0	79	515	1020
1400	6	194	2	84	93	11	3	0	59	452	4	198	3	124	105	21	10	0	73	538	990
1500	2	211	4	124	121	14	8	0	65	549	1	206	6	178	101	16	8	0	65	581	1130
1600	2	210	1	123	96	13	10	2	70	527	3	219	3	185	93	14	7	0	54	578	1105
1700	0	212	2	135	73	8	15	1	64	510	1	279	2	168	106	11	10	2	59	638	1148
1800	3	242	3	107	88	7	11	3	63	527	3	351	5	157	90	5	10	1	51	673	1200
1900	7	347	1	70	61	4	11	0	70	571	8	503	0	165	82	2	21	0	45	826	1397
2000	3	316	0	32	41	0	4	0	63	459	9	559	0	94	52	1	14	3	43	775	1234
2100	4	163	1	25	36	12	7	0	53	301	3	392	0	67	40	1	2	3	34	542	843
2200	1	166	0	20	44	19	2	3	43	298	3	298	2	41	27	2	6	0	39	418	716
2300	2	157	0	16	32	5	1	1	33	247	4	350	1	31	12	2	3	0	40	443	690
2400	1	122	1	19	14	3	2	0	21	183	5	286	0	28	24	3	1	2	34	383	566
Total	82	5106	25	1682	1435	177	155	29	967	9658	71	5317	36	1991	1312	161	172	43	1024	10127	19785

Hourly Traffic Summary - Report Date **12-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	3	97	0	10	10	0	1	0	18	139	4	166	0	14	26	6	1	8	16	241	380
0200	1	61	0	8	10	0	0	0	5	85	1	108	0	9	9	8	1	0	22	158	243
0300	0	68	1	15	8	0	1	0	1	94	1	76	0	6	17	1	0	0	10	111	205
0400	0	63	0	16	8	0	0	0	2	89	1	60	0	12	7	1	2	0	0	83	172
0500	2	50	0	17	13	1	3	0	2	88	1	32	1	12	9	0	1	0	4	60	148
0600	1	40	0	15	6	0	3	3	12	80	0	36	0	24	6	0	0	0	4	70	150
0700	4	62	0	36	22	2	3	4	18	151	1	36	0	41	11	0	3	2	13	107	258
0800	6	186	1	68	57	7	5	2	39	371	3	85	0	34	18	4	8	1	34	187	558
0900	7	441	0	134	118	15	5	1	58	779	4	179	1	72	67	22	20	4	59	428	1207
1000	2	393	3	152	130	15	5	2	64	766	1	184	0	109	92	18	11	8	81	504	1270
1100	5	302	0	122	107	29	9	0	70	644	1	201	0	139	102	18	5	5	60	531	1175
1200	5	352	0	130	97	22	9	0	49	664	4	223	3	146	96	21	9	0	82	584	1248
1300	5	316	2	97	72	12	11	0	45	560	3	242	2	117	80	14	6	0	67	531	1091
1400	3	354	2	98	84	15	5	0	63	624	4	367	1	111	73	15	8	0	61	640	1264
1500	1	279	1	106	99	15	5	0	52	558	3	343	0	121	80	20	6	0	54	627	1185
1600	0	350	0	95	91	13	11	3	58	621	3	332	1	139	79	16	10	6	57	643	1264
1700	3	313	0	99	58	6	10	3	69	561	5	432	1	131	76	15	10	5	43	718	1279
1800	3	352	2	77	64	6	11	5	66	586	4	430	2	138	85	8	10	0	45	722	1308
1900	2	360	0	47	41	4	7	1	55	517	8	410	0	100	49	3	10	0	40	620	1137
2000	2	260	1	51	29	4	5	0	60	412	6	308	0	63	47	0	10	4	32	470	882
2100	2	204	2	25	21	3	6	10	54	327	2	246	0	41	28	2	6	2	30	357	684
2200	2	199	0	13	39	11	5	4	38	311	2	268	1	23	25	2	6	0	31	358	669

Hourly Traffic Summary - Report Date **13-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	6	94	0	6	7	0	0	1	7	121	4	161	0	14	18	7	1	8	14	227	348
0200	0	58	0	7	5	0	0	1	1	72	1	98	0	9	7	3	0	1	6	125	197
0300	0	53	0	12	2	0	0	0	1	68	1	56	0	4	4	1	0	0	3	69	137
0400	1	60	0	13	5	0	0	0	1	80	2	56	0	17	2	0	0	0	0	77	157
0500	1	52	0	20	9	0	1	0	2	85	0	51	0	9	5	1	2	0	4	72	157
0600	0	42	0	19	7	1	1	3	2	75	1	41	0	24	7	0	0	0	2	75	150
0700	1	62	0	24	8	0	3	1	12	111	0	35	0	34	11	0	1	0	2	83	194
0800	4	85	0	35	14	2	10	0	16	166	2	51	0	29	9	0	9	0	15	115	281
0900	3	125	0	38	20	7	8	3	29	233	4	73	0	37	7	2	8	0	19	150	383
1000	5	185	2	41	13	1	6	1	39	293	2	122	1	39	16	3	17	0	24	224	517
1100	2	223	0	45	17	4	6	1	36	334	1	136	2	37	8	4	3	0	33	224	558
1200	6	272	1	40	12	1	8	0	29	369	4	167	0	35	16	3	2	0	30	257	626
1300	4	295	1	38	17	3	8	0	25	391	3	209	0	38	13	3	5	0	38	309	700
1400	1	296	2	33	13	1	10	0	28	384	1	212	0	47	11	1	5	0	26	303	687
1500	0	288	0	36	12	0	4	0	23	363	0	233	2	45	13	2	5	0	13	313	676
1600	2	251	0	36	11	1	9	0	29	339	1	277	1	40	12	1	4	1	21	358	697
1700	3	235	1	36	10	1	8	0	17	311	2	282	0	29	13	1	7	1	23	358	669
1800	2	254	0	28	12	0	9	0	20	325	1	276	2	29	13	2	9	0	31	363	688
1900	1	319	1	23	18	1	7	0	31	401	5	285	3	29	11	0	8	0	24	365	766
2000	1	222	1	22	5	2	1	0	10	264	2	232	0	19	7	0	7	0	26	293	557
2100	1	185	0	14	15	9	5	0	20	249	1	239	0	14	9	0	8	1	13	285	534
2200	3	226	0	11	31	26	5	0	12	314	1	305	0	20	6	1	13	0	11	357	671
2300	3	214	0	18	12	4	4	0	11	266	2	280	0	21	9	2	5	1	5	325	591
2400	3	125	0	16	6	0	2	0	0	152	1	181	0	11	7	3	2	1	7	213	365
Total	53	4221	9	611	281	64	115	11	401	5766	42	4058	11	630	234	40	121	14	390	5540	11306

Hourly Traffic Summary - Report Date **14-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	1	64	0	9	7	0	0	0	0	81	2	97	0	4	14	6	0	6	2	131	212
0200	1	42	0	7	7	0	0	0	2	59	1	46	0	8	6	5	0	0	1	67	126
0300	0	30	0	13	2	0	0	0	1	46	0	35	0	7	6	4	0	0	1	53	99
0400	0	13	0	19	3	1	0	0	0	36	0	16	0	8	7	1	0	0	2	34	70
0500	1	24	0	22	10	0	1	0	0	58	0	15	0	12	3	1	1	0	0	32	90
0600	0	23	0	23	4	1	1	5	1	58	0	16	0	29	5	0	1	1	1	53	111
0700	4	73	0	33	18	4	7	3	16	158	0	44	0	50	10	0	6	2	21	133	291
0800	12	403	0	72	52	9	15	4	27	594	5	131	2	27	30	10	15	0	44	264	858
0900	14	827	2	165	101	16	11	5	33	1174	3	315	2	90	75	21	26	5	68	605	1779
1000	9	444	2	155	114	14	13	0	49	800	2	261	4	132	85	23	12	11	61	591	1391
1100	4	280	2	150	99	25	11	1	54	626	4	179	0	136	85	19	10	6	75	514	1140
1200	3	261	4	132	92	7	12	0	43	554	2	172	0	120	90	28	7	2	54	475	1029
1300	6	190	3	86	70	13	8	0	34	410	3	195	2	130	90	10	6	0	58	494	904
1400	3	194	5	94	95	12	8	0	45	456	3	216	6	136	86	15	10	2	50	524	980
1500	5	196	2	111	106	15	6	0	46	487	4	185	2	166	100	24	9	1	42	533	1020
1600	3	196	3	125	80	15	6	1	50	479	3	213	4	143	107	21	8	0	31	530	1009
1700	3	188	2	113	86	7	12	2	47	460	2	247	6	165	105	13	10	2	41	591	1051
1800	4	239	5	99	71	6	18	2	50	494	7	356	3	142	90	7	11	1	46	663	1157
1900	5	272	2	53	52	4	9	0	37	434	9	557	0	126	76	4	15	0	42	829	1263
2000	3	211	0	52	31	3	4	0	33	337	11	529	1	89	36	2	18	4	37	727	1064
2100	2	132	0	25	29	7	3	0	24	222	7	310	1	48	35	2	6	2	45	456	678
2200	2	137	0	20	43	17	4	3	28	254	3	281	1	37	28	1	7	0	18	376	630
2300	3	142	0	10	26	8	3	1	21	214	4	319	1	28	19	2	2	1	18	394	608
2400	2	92	0	9	13	2	3	0	16	137	2	207	0	22	18	1	4	3	12	269	406
Total	90	4673	32	1597	1211	186	155	27	657	8628	77	4942	35	1855	1206	220	184	49	770	9338	17966

Hourly Traffic Summary - Report Date **15-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	1	95	0	13	4	0	0	1	6	120	1	132	0	11	13	6	0	8	10	181	301
0200	0	61	0	7	7	0	0	1	7	83	1	54	0	9	18	6	0	0	3	91	174
0300	0	36	0	9	5	0	1	0	2	53	2	31	0	5	8	4	0	0	2	52	105
0400	0	26	0	13	3	0	0	0	1	43	0	30	0	13	4	3	0	0	2	52	95
0500	0	20	0	25	8	0	1	0	1	55	0	21	0	11	4	0	1	0	2	39	94
0600	1	26	0	23	4	0	1	4	5	64	0	22	0	34	8	0	0	0	2	66	130
0700	2	71	1	35	18	6	4	3	15	155	3	55	0	48	14	0	2	2	16	140	295
0800	5	390	1	95	75	10	13	3	24	616	4	137	2	35	34	7	20	2	46	287	903
0900	11	731	1	147	124	12	11	3	59	1099	5	306	5	91	82	17	21	8	65	600	1699
1000	3	466	0	132	126	10	16	2	57	812	3	238	5	135	78	18	18	11	74	580	1392
1100	5	317	1	173	113	26	6	0	62	703	2	199	0	130	122	18	9	6	85	571	1274
1200	3	225	5	134	108	14	10	0	43	542	2	178	1	155	108	22	4	0	73	543	1085
1300	3	232	1	102	81	6	10	1	51	487	4	179	2	112	94	8	7	0	52	458	945
1400	4	185	2	86	98	12	8	2	53	450	3	189	4	114	82	20	15	1	67	495	945
1500	2	248	4	102	121	9	6	3	66	561	4	204	3	170	105	15	7	1	45	554	1115
1600	4	170	5	125	105	15	8	2	57	491	5	201	2	129	115	17	8	0	54	531	1022
1700	6	189	3	126	114	8	10	0	50	506	4	237	2	159	106	12	9	0	38	567	1073
1800	4	241	3	99	72	15	13	2	53	502	6	325	3	151	105	9	8	1	41	649	1151
1900	7	293	0	86	58	1	13	0	50	508	17	502	0	126	71	3	25	0	45	789	1297
2000	3	211	1	39	42	3	7	1	38	345	11	500	0	107	55	1	10	2	40	726	1071
2100	2	150	0	22	39	14	6	1	34	268	3	330	1	59	38	1	9	3	32	476	744
2200	2	132	0	20	49	23	8	3	31	268	2	293	2	43	32	0	6	1	35	414	682
2300	2	151	0	19	24	3	1	2	21	223	4										

Hourly Traffic Summary - Report Date **16-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	1	68	0	7	14	0	2	1	11	104	1	113	0	14	13	7	1	7	8	164	268
0200	2	47	0	9	3	0	0	1	6	68	0	62	0	6	12	7	0	1	8	96	164
0300	0	40	0	15	3	0	0	1	2	61	0	45	0	10	8	3	1	0	8	75	136
0400	0	29	0	11	2	0	0	0	0	42	2	31	0	13	12	1	0	0	8	67	109
0500	1	19	0	19	13	0	1	0	5	58	0	22	0	11	3	0	1	0	2	39	97
0600	1	32	0	20	6	3	2	5	5	74	0	24	1	22	12	0	2	0	6	67	141
0700	3	89	0	35	16	1	7	3	19	173	0	38	0	42	17	1	3	2	17	120	293
0800	10	382	3	93	84	8	11	3	30	624	4	109	2	37	23	6	19	0	42	242	866
0900	15	825	1	163	128	11	15	3	48	1209	2	313	3	73	75	18	29	5	74	592	1801
1000	5	470	0	151	145	11	8	0	73	863	3	223	8	124	82	22	16	13	92	583	1446
1100	4	282	1	140	118	17	5	0	51	618	1	205	0	141	124	14	6	8	70	569	1187
1200	3	212	3	138	99	15	9	1	46	526	3	169	1	128	111	18	5	2	75	512	1038
1300	5	217	0	91	78	15	7	0	48	461	1	197	2	124	96	10	4	0	62	496	957
1400	4	168	2	105	103	10	6	0	58	456	4	180	6	124	89	9	16	0	85	513	969
1500	3	210	3	117	124	17	16	3	70	563	5	224	3	160	92	17	7	0	63	571	1134
1600	4	187	1	120	103	7	5	2	62	491	4	188	1	151	120	11	12	0	46	533	1024
1700	4	194	2	103	81	9	15	1	59	468	5	249	4	153	104	11	5	0	60	591	1059
1800	6	262	1	95	68	5	15	0	72	524	8	333	4	138	102	7	12	1	50	655	1179
1900	11	310	2	81	46	5	12	0	78	545	11	532	2	148	79	2	24	0	31	829	1374
2000	7	216	0	33	43	0	4	0	64	367	14	500	0	96	61	2	16	2	35	726	1093
2100	2	140	0	23	42	13	2	0	45	267	5	343	0	54	41	3	6	3	39	494	761
2200	3	141	1	17	44	19	7	3	39	274	2	268	1	25	34	5	5	2	45	387	661
2300	0	131	1	17	27	8	6	1	30	221	3	308	0	36	27	0	0	0	38	412	633
2400	1	109	1	12	8	0	1	0	15	147	5	221	1	22	26	3	4	2	23	307	454
Total	95	4780	22	1615	1398	174	156	28	936	9204	83	4897	39	1852	1363	177	194	48	987	9640	18844

Hourly Traffic Summary - Report Date **17-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	2	65	0	11	13	1	0	1	8	101	0	128	0	21	21	4	2	8	17	201	302
0200	0	51	2	9	10	1	1	0	5	79	1	64	0	8	12	2	0	0	10	97	176
0300	1	36	0	11	3	0	1	0	2	54	2	31	0	7	7	5	0	0	2	54	108
0400	0	18	0	17	5	1	1	0	2	44	1	33	0	12	6	4	0	0	3	59	103
0500	0	25	0	26	14	0	0	0	2	67	0	18	0	13	6	0	0	0	0	37	104
0600	3	24	0	23	5	1	1	5	7	69	0	30	0	23	7	0	2	0	8	70	139
0700	3	73	1	32	23	6	5	3	22	168	0	44	0	38	13	1	3	2	21	122	290
0800	7	366	0	80	61	8	13	4	35	574	3	115	0	40	32	5	11	2	27	235	809
0900	11	714	0	127	107	8	13	3	33	1016	5	314	6	83	77	32	23	9	86	635	1651
1000	10	554	1	185	165	15	13	2	81	1026	5	226	2	119	91	18	14	10	80	565	1591
1100	4	284	0	156	100	18	7	0	56	625	2	210	2	156	103	14	8	6	79	580	1205
1200	4	230	1	131	101	9	12	0	61	549	3	167	1	151	116	17	12	1	76	544	1093
1300	2	235	2	95	97	15	8	0	45	499	1	185	3	114	100	10	4	0	67	484	983
1400	2	198	2	117	98	13	11	1	57	499	2	170	4	119	76	16	8	1	71	467	966
1500	3	210	4	129	112	12	16	1	56	543	11	208	8	163	104	23	12	0	54	583	1126
1600	8	193	1	116	93	12	9	2	55	489	7	215	1	147	118	22	9	0	57	576	1065
1700	5	181	1	116	95	6	15	0	60	479	5	266	5	143	126	14	13	1	45	618	1097
1800	6	236	5	107	67	9	11	2	82	525	5	348	3	159	111	6	7	0	36	675	1200
1900	6	334	0	60	63	2	13	0	63	541	14	533	1	156	81	5	22	0	40	852	1393
2000	4	244	0	41	37	1	6	0	54	387	8	527	0	92	50	1	11	3	48	740	1127
2100	6	151	0	31	34	4	2	0	61	289	7	343	0	57	39	1	5	4	50	506	795
2200	4	146	1	19	40	19	3	2	37	271	2	293	1	48	18	2	15	0	43	422	693
2300	5	139	0	11	43	15	2	1	34	250	6	286	0	25	23	3	5	0	30	378	628
2400	4	114	0	23	15	2	2	0	15	175	5	225	0	18	23	3	2	0	32	308	483
Total	100	4821	21	1673	1401	178	165	27	933	9319	95	4979	37	1912	1360	208	188	47	982	9808	19127

Hourly Traffic Summary - Report Date **18-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Total	Shatin Bound									Total	Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9		
0100	1	70	1	14	8	0	2	0	8	104	0	122	1	16	15	10	4	6	15	189	293
0200	1	45	0	7	13	0	0	1	3	70	5	64	0	9	17	6	0	0	9	110	180
0300	1	31	0	12	7	0	0	0	0	51	0	54	0	10	10	5	0	0	8	87	138
0400	0	23	0	15	3	0	0	0	0	41	1	37	0	12	5	1	0	0	3	59	100
0500	0	24	0	22	13	1	0	0	3	63	2	26	0	12	6	0	0	0	3	49	112
0600	1	27	0	18	8	0	4	5	6	69	1	26	2	24	6	1	0	0	5	65	134
0700	1	70	0	33	29	7	7	2	26	175	0	37	2	46	10	0	4	2	24	125	300
0800	7	342	0	92	72	9	13	3	41	579	3	105	1	33	34	4	19	1	51	251	830
0900	18	785	0	141	146	12	16	5	45	1168	12	335	4	93	67	18	16	4	74	623	1791
1000	18	484	0	166	129	28	10	0	56	891	10	243	3	133	102	13	10	10	75	599	1490
1100	4	281	4	160	116	17	7	1	59	649	5	170	0	164	118	18	6	6	77	564	1213
1200	2	246	2	127	107	8	7	0	53	552	1	156	1	140	125	15	6	2	68	514	1066
1300	2	214	2	104	87	10	6	0	61	486	1	184	2	113	104	16	9	0	59	488	974
1400	3	181	3	107	103	26	6	0	62	491	5	208	6	132	86	17	9	0	69	532	1023
1500	2	226	2	122	122	26	9	1	75	585	7	221	4	192	109	12	12	0	52	609	1194
1600	7	218	0	120	103	12	7	1	75	543	0	228	3	164	102	20	14	0	61	592	1135
1700	5	204	1	124	89	12	20	0	71	526	3	282	3	182	130	16	7	1	60	684	1210
1800	7	245	2	117	73	12	14	2	83	555	7	392	4	176	114	7	7	0	54	761	1316
1900	10	339	0	72	60	4	14	0	89	588	18	525	2	136	94	2	21	0	51	849	1437
2000	6	281	1	40	45	5	7	0	61	446	9	505	1	108	61	4	15	3	39	745	1191
2100	3	180	1	31	36	7	8	0	40	306	5	330	0	52	40	2	3	2	47	481	787
2200	8	169	1	18	40	19	12	3	60	330	3	343									

Hourly Traffic Summary - Report Date **19-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	2	75	0	8	9	0	1	0	8	103	1	157	0	11	23	9	1	6	17	225	328
0200	3	66	0	14	7	0	1	1	6	98	1	97	0	14	6	6	0	0	8	132	230
0300	0	54	0	13	6	0	0	0	4	77	0	66	0	12	7	3	0	0	5	93	170
0400	0	52	0	15	3	0	0	0	3	73	0	49	0	9	8	2	1	0	6	75	148
0500	0	28	0	22	13	1	1	0	2	67	0	35	0	9	9	0	0	0	5	58	125
0600	1	29	0	18	8	0	5	4	4	69	2	37	0	26	8	0	4	1	3	81	150
0700	3	68	0	28	23	3	4	2	21	152	1	41	0	41	14	0	0	1	24	122	274
0800	5	174	0	80	67	6	6	3	35	376	4	75	0	32	31	2	9	1	44	198	574
0900	7	382	1	111	135	12	11	0	50	709	3	164	1	80	72	19	19	6	67	431	1140
1000	5	362	1	154	134	9	5	0	70	740	4	195	1	119	89	23	9	7	56	503	1243
1100	5	297	0	146	117	20	5	0	70	660	2	211	0	122	106	26	6	5	68	546	1206
1200	4	312	1	109	104	17	9	1	69	626	5	215	1	137	92	22	2	0	70	544	1170
1300	6	326	1	106	72	13	5	0	59	588	3	197	1	110	103	15	5	0	67	501	1089
1400	7	329	3	83	97	15	12	0	58	604	6	334	0	115	74	17	12	0	54	612	1216
1500	3	306	0	84	101	18	9	0	53	574	7	354	0	136	93	24	7	0	39	660	1234
1600	3	262	1	93	57	14	8	3	68	509	3	329	5	126	103	20	7	1	36	630	1139
1700	3	246	1	79	69	8	8	1	60	475	4	351	1	135	96	14	9	2	39	651	1126
1800	4	300	1	64	61	5	11	3	72	521	9	373	3	138	57	10	8	0	37	635	1156
1900	5	323	1	46	42	4	7	0	57	485	15	391	2	88	51	6	9	0	33	595	1080
2000	3	284	3	42	36	1	9	0	76	454	10	307	1	75	40	3	8	3	20	467	921
2100	2	187	1	23	22	5	3	0	43	286	4	256	0	36	26	0	4	4	37	367	653
2200	1	193	1	21	35	25	3	3	37	319	5	284	1	30	16	2	7	0	39	384	703
2300	5	190	0	17	17	5	8	1	36	279	1	303	1	24	16	2	7	0	21	375	654
2400	3	156	0	17	8	1	4	0	12	201	9	233	0	25	13	4	1	3	11	299	500
Total	80	5001	16	1393	1243	182	135	22	973	9045	99	5054	18	1650	1153	229	135	40	806	9184	18229

Hourly Traffic Summary - Report Date **20-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	2	90	0	10	6	0	1	1	0	110	4	161	0	17	11	2	2	9	8	214	324
0200	1	71	0	15	7	0	0	0	2	96	1	91	0	9	10	7	0	0	5	123	219
0300	1	50	0	9	4	0	1	0	0	65	1	70	0	11	7	0	0	0	3	92	157
0400	1	49	0	12	6	0	0	0	1	69	4	39	0	10	2	2	2	0	5	64	133
0500	1	50	0	18	11	0	2	0	3	85	0	41	0	17	5	0	0	0	3	66	151
0600	0	26	0	17	4	0	1	5	3	56	2	35	1	26	6	0	1	0	2	73	129
0700	2	50	2	23	4	2	2	1	7	93	0	42	0	31	9	0	1	1	3	87	180
0800	3	68	0	24	19	2	3	0	19	138	2	47	0	19	10	0	15	0	14	107	245
0900	5	149	1	40	29	9	10	4	24	271	2	88	0	35	20	3	8	0	18	174	445
1000	3	176	2	44	17	6	6	0	39	293	2	124	1	46	18	4	15	0	22	232	525
1100	3	203	1	38	14	3	7	0	27	296	0	121	0	41	20	8	6	0	30	226	522
1200	6	283	0	39	16	4	9	0	31	388	2	180	0	41	10	2	5	0	38	278	666
1300	3	320	0	50	27	5	4	0	25	434	3	206	1	38	17	1	7	0	31	304	738
1400	0	304	1	38	16	1	6	0	28	394	1	256	2	36	22	4	4	0	21	346	740
1500	4	290	0	37	19	3	16	0	17	386	2	255	2	42	27	5	13	0	25	371	757
1600	3	247	1	32	11	3	7	0	21	325	5	292	3	32	13	5	5	0	18	373	698
1700	6	232	0	26	13	4	12	0	28	321	2	297	2	46	12	4	9	2	23	397	718
1800	5	305	2	35	19	0	9	1	31	407	3	304	1	24	10	1	21	1	20	385	792
1900	2	298	0	21	15	1	3	0	20	360	5	299	1	36	18	1	13	0	18	391	751
2000	3	257	2	29	7	0	4	0	18	320	2	215	0	31	16	1	5	1	17	288	608
2100	1	197	1	25	10	9	8	0	20	271	4	229	2	23	8	0	5	1	13	285	556
2200	3	254	0	7	23	26	2	0	10	325	1	277	0	18	5	1	13	0	9	324	649
2300	5	204	0	18	22	8	4	0	10	271	6	272	2	16	5	5	7	0	8	321	592
2400	3	100	1	8	2	1	3	0	4	122	6	180	0	9	5	3	3	1	8	215	337
Total	66	4273	14	615	321	87	120	12	388	5896	60	4121	18	654	286	59	160	16	362	5736	11632

Hourly Traffic Summary - Report Date **21-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	60	0	8	4	0	0	0	1	74	4	125	0	6	15	4	1	7	3	165	239
0200	0	38	0	6	8	0	0	1	1	54	2	42	0	9	7	9	1	0	0	70	124
0300	0	26	0	11	2	0	1	0	2	42	1	20	0	2	4	2	1	0	0	30	72
0400	0	15	0	15	1	0	0	0	0	31	0	17	0	14	5	1	2	0	0	39	70
0500	0	15	0	25	12	0	1	0	1	54	0	10	0	12	6	1	0	0	1	30	84
0600	0	24	0	19	3	0	2	4	7	59	1	21	1	25	4	0	0	3	3	58	117
0700	5	77	1	33	16	5	2	2	14	155	2	50	0	44	8	0	7	8	25	144	299
0800	8	371	2	75	45	4	12	4	23	544	4	113	0	34	35	4	25	2	55	272	816
0900	16	814	1	154	102	10	17	3	36	1153	4	323	4	72	64	17	17	8	65	574	1727
1000	7	466	0	170	122	8	7	1	53	834	8	251	1	129	97	17	11	9	73	596	1430
1100	4	262	2	149	98	19	7	0	46	587	2	166	4	132	126	17	9	6	72	534	1121
1200	3	246	3	131	102	14	11	0	36	546	5	186	0	141	100	21	4	0	76	533	1079
1300	5	223	1	119	75	11	6	0	30	470	2	186	1	125	104	9	7	0	51	485	955
1400	3	195	2	90	93	13	6	0	47	449	2	182	5	118	91	19	7	0	59	483	932
1500	3	231	2	124	109	11	6	0	47	533	5	181	3	147	119	19	5	0	49	528	1061
1600	3	171	3	120	68	25	9	1	53	453	7	222	5	158	110	17	7	1	40	567	1020
1700	3	210	2	114	75	18	17	0	51	490	3	270	3	150	109	6	3	0	39	583	1073
1800	10	243	3	96	65	11	15	2	56	501	7	325	5	131	89	5	5	0	26	593	1094
1900	5	302	0	71	50	12	14	1	39	494	12	567	1	149	76	7	21	0	42	875	1369
2000	4	205	1	43	51	3	3	2	42	354	10	516	1	95	47	4	16	4	32	725	1079
2100	1	143	1	17	27	11	3	6	31	240	4	349	0	53	32	1	5	2	38	484	724
2200	4	151	0	25	30	28	3	3	28	272	8	265	0	31	21	0	6	0	21	352	624
2300	4	123	1	14	25	14	4	3	17	205	2	270	2	26	21	2					

Hourly Traffic Summary - Report Date **22-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	55	1	12	6	1	0	4	5	85	4	107	1	8	14	7	2	7	7	157	242
0200	0	36	0	5	8	0	0	1	1	51	1	64	1	6	12	6	0	0	3	93	144
0300	0	36	0	10	6	0	0	0	1	53	2	30	0	8	5	8	1	0	1	55	108
0400	0	14	0	16	3	0	0	0	1	34	0	13	0	11	6	1	0	0	1	32	66
0500	0	13	0	21	15	0	1	0	1	51	1	13	0	15	5	0	1	0	1	36	87
0600	0	23	0	17	3	0	4	5	5	57	0	32	2	25	8	1	1	3	5	77	134
0700	4	55	1	34	22	2	7	2	16	143	0	38	0	42	7	1	2	5	28	123	266
0800	9	353	0	77	77	3	7	3	39	568	5	97	0	42	34	3	15	5	43	244	812
0900	12	757	3	163	127	11	15	3	54	1145	9	312	0	81	82	18	24	6	66	598	1743
1000	6	495	2	158	137	15	8	0	53	874	8	231	4	138	101	19	17	10	69	597	1471
1100	5	310	0	157	110	21	6	0	55	664	0	172	3	138	123	22	7	6	73	544	1208
1200	5	235	2	147	115	28	9	0	37	578	1	185	2	121	131	16	3	0	82	541	1119
1300	3	200	2	101	102	12	9	0	40	469	3	182	1	115	99	9	5	0	71	485	954
1400	2	200	2	93	116	18	7	0	50	488	6	204	2	117	88	29	7	1	61	515	1003
1500	3	227	1	124	105	14	7	1	56	538	8	233	3	161	109	17	8	0	52	591	1129
1600	3	210	2	111	126	9	7	2	56	526	6	229	2	156	133	26	7	0	37	596	1122
1700	3	203	4	116	89	10	14	1	58	498	5	232	4	149	128	13	10	0	37	578	1076
1800	9	239	3	99	89	5	11	1	59	515	6	356	3	181	101	8	8	0	49	712	1227
1900	6	305	0	70	47	5	10	0	46	489	16	541	0	122	98	4	24	0	43	848	1337
2000	6	236	0	40	56	1	4	2	43	388	14	578	0	109	64	3	16	3	46	833	1221
2100	0	154	0	19	30	7	4	5	37	256	3	313	0	51	42	1	8	2	38	458	714
2200	2	157	0	19	39	26	5	3	43	294	4	298	1	35	26	1	3	0	24	392	686
2300	7	124	0	13	42	10	6	3	17	222	4	287	0	30	20	1	4	1	23	370	592
2400	1	97	1	13	8	3	0	0	14	137	6	220	0	22	16	3	2	2	18	289	426
Total	87	4734	24	1635	1478	201	141	36	787	9123	112	4967	29	1883	1452	217	175	51	878	9764	18887

Hourly Traffic Summary - Report Date **23-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	65	0	7	7	4	3	4	6	97	1	131	1	20	13	11	1	9	17	204	301
0200	1	41	0	4	2	0	0	2	4	54	3	49	0	9	10	5	0	0	3	79	133
0300	0	32	0	13	6	0	0	0	1	52	0	37	0	5	6	5	0	0	4	57	109
0400	0	16	0	13	4	0	0	0	2	35	0	20	0	7	5	1	0	0	3	36	71
0500	0	23	0	23	12	0	0	0	0	58	0	19	0	15	8	0	0	0	1	43	101
0600	2	19	0	22	6	0	3	5	4	61	1	24	1	25	7	0	1	3	2	64	125
0700	1	71	0	30	22	2	2	4	28	160	3	49	0	45	10	2	3	6	22	140	300
0800	4	344	1	88	76	9	12	3	40	577	4	114	0	35	29	11	20	7	39	259	836
0900	17	772	2	166	132	9	12	3	62	1175	3	297	5	78	67	27	22	5	78	582	1757
1000	13	470	3	170	129	14	6	2	69	876	7	243	1	135	99	16	18	12	100	631	1507
1100	8	291	0	152	124	20	11	0	55	661	5	180	2	128	106	17	13	5	81	537	1198
1200	6	245	3	128	113	12	14	0	52	573	4	183	0	148	101	13	7	0	101	557	1130
1300	4	218	1	103	99	9	8	0	57	499	2	182	1	119	116	9	7	0	69	505	1004
1400	2	181	1	99	128	9	7	0	58	485	4	202	3	141	98	12	11	0	59	530	1015
1500	3	210	4	121	129	6	4	0	72	549	5	179	4	169	108	15	8	0	50	538	1087
1600	3	210	2	101	108	11	12	3	65	515	2	206	1	163	118	5	11	0	49	555	1070
1700	1	216	4	107	121	5	12	1	66	533	2	215	1	146	116	7	6	1	46	540	1073
1800	6	226	3	106	74	2	9	2	82	510	8	335	1	148	103	5	9	0	42	651	1161
1900	5	312	0	68	69	6	16	0	80	556	14	554	1	138	100	7	25	0	49	888	1444
2000	4	214	0	48	49	5	6	4	66	396	17	512	0	106	62	1	11	3	42	754	1150
2100	3	147	1	28	43	14	8	4	58	306	7	292	0	55	44	2	6	4	27	437	743
2200	4	131	0	18	49	23	5	2	41	273	3	302	0	39	30	0	1	1	33	409	682
2300	7	130	0	14	31	9	9	3	31	234	7	288	3	24	27	4	5	1	27	386	620
2400	1	115	1	8	14	0	0	1	22	162	3	238	0	19	13	8	4	2	20	307	469
Total	96	4699	26	1637	1547	169	159	43	1021	9397	105	4851	25	1917	1396	183	189	59	964	9689	19086

Hourly Traffic Summary - Report Date **24-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	2	61	0	10	13	0	1	2	10	99	3	122	0	15	24	5	2	9	17	197	296
0200	0	46	0	10	8	0	1	1	2	68	3	61	0	7	6	16	0	0	16	109	177
0300	0	36	0	16	4	0	0	0	1	57	0	37	0	6	6	5	0	0	7	61	118
0400	0	23	0	16	5	1	0	0	1	46	0	27	0	12	4	0	1	0	4	48	94
0500	1	19	0	21	15	0	1	0	1	58	0	28	0	13	2	0	0	1	3	47	105
0600	0	24	0	17	3	1	2	6	8	61	0	20	1	25	10	0	0	3	5	64	125
0700	2	69	0	38	14	1	4	4	25	157	2	41	0	44	11	0	6	5	22	131	288
0800	6	346	0	71	73	6	10	2	44	558	4	103	0	33	32	3	15	8	43	241	799
0900	15	787	1	164	142	7	14	5	53	1188	3	336	0	109	65	12	20	5	72	622	1810
1000	15	469	1	157	165	16	8	2	70	903	7	267	3	124	106	12	11	13	79	622	1525
1100	5	322	2	148	131	13	6	0	54	681	3	180	1	163	101	19	9	5	72	553	1234
1200	4	243	2	121	95	13	12	0	51	541	4	177	1	142	114	16	7	1	74	536	1077
1300	3	200	0	104	113	13	7	0	51	491	3	187	3	129	98	10	8	0	50	488	979
1400	4	190	1	104	94	17	10	1	64	485	5	171	5	117	98	18	9	1	68	492	977
1500	3	213	2	119	121	14	9	2	62	545	5	227	3	169	107	17	10	0	51	589	1134
1600	8	202	4	126	110	19	6	0	63	538	2	208	2	155	106	17	6	0	47	543	1081
1700	3	195	6	126	91	10	13	3	64	511	4	271	6	118	92	13	7	2	39	552	1063
1800	5	257	2	101	67	5	10	1	52	500	10	352	1	158	97	8	10	0	39	675	1175
1900	10	312	2	77	75	8	12	1	49	546	10	487	0	133	81	3	24	0	36	774	1320
2000	3	239	1	52	35	5	3	3	57	398	9	540	0	103	58	4	12	3	35	764	1162
2100	2	166	0	14	38	8	5	4	51	288	9	320	1	49	39	2	6	3	40	469	757
2200	5	140	1	14	42	29	2	4	45	282	1	292	1	35	33	1	7	2	28	400	



Hourly Traffic Summary - Report Date **25-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	2	82	1	14	14	0	0	4	10	127	2	144	0	15	16	7	3	6	18	211	338
0200	0	45	0	6	8	0	1	1	0	61	1	75	0	2	6	7	2	0	10	103	164
0300	0	36	0	13	4	0	0	0	4	57	0	39	0	9	6	5	0	0	9	68	125
0400	0	24	0	14	5	0	0	0	1	44	0	30	0	7	6	0	0	0	4	47	91
0500	0	25	0	20	13	1	0	0	6	65	0	13	0	13	8	1	0	0	4	39	104
0600	1	26	0	22	5	0	1	3	0	58	0	24	2	26	10	0	1	3	2	68	126
0700	2	70	1	34	25	2	4	5	26	169	2	44	0	42	12	0	3	6	17	126	295
0800	9	347	2	85	73	11	11	2	40	580	5	95	0	36	32	10	23	5	50	256	836
0900	13	785	0	150	135	13	14	3	69	1182	3	296	4	84	79	11	17	5	70	569	1751
1000	9	473	1	164	148	9	11	2	60	877	7	253	5	133	109	22	7	9	85	630	1507
1100	6	295	3	172	145	15	5	2	73	716	4	166	2	157	88	6	5	5	87	520	1236
1200	5	254	3	130	102	15	10	1	54	574	4	171	1	139	105	12	4	0	76	512	1086
1300	2	241	2	106	94	8	13	0	57	523	3	202	1	128	109	12	5	0	49	509	1032
1400	2	206	2	103	98	13	6	0	83	513	5	226	6	152	86	15	7	0	51	548	1061
1500	4	225	3	150	121	17	7	0	60	587	3	229	4	179	112	18	12	1	68	626	1213
1600	3	234	2	123	116	17	7	2	69	573	0	251	2	167	117	18	7	1	61	624	1197
1700	4	234	2	136	97	8	9	1	57	548	3	264	5	159	110	13	14	3	41	612	1160
1800	7	262	1	102	71	5	11	2	84	545	8	369	2	161	115	7	11	2	45	720	1265
1900	8	329	0	71	60	5	11	0	72	556	16	507	0	133	73	7	16	0	52	804	1360
2000	6	261	3	50	40	2	6	4	66	438	10	533	0	96	52	1	10	1	38	741	1179
2100	2	183	1	30	36	11	3	2	63	331	10	373	0	53	36	2	8	3	40	525	856
2200	6	156	0	9	32	26	5	4	46	284	5	262	0	36	41	4	12	1	43	404	688
2300	4	152	0	17	33	14	13	1	24	258	4	347	1	33	28	2	9	1	30	455	713
2400	10	135	1	14	17	0	2	0	25	204	4	258	0	28	13	2	3	3	28	339	543
Total	105	5080	28	1735	1492	192	150	39	1049	9870	99	5171	35	1988	1369	182	179	55	978	10056	19926

Hourly Traffic Summary - Report Date **26-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	2	90	0	9	12	0	1	2	13	129	4	187	0	16	18	6	3	8	21	263	392
0200	1	82	0	7	6	0	0	2	9	107	2	94	0	10	10	7	3	0	17	143	250
0300	0	67	0	9	5	0	0	0	2	83	1	59	0	8	10	5	1	0	5	89	172
0400	0	38	0	18	5	0	0	0	0	61	1	36	0	8	4	2	0	0	3	54	115
0500	0	28	0	17	15	0	2	0	4	66	3	33	0	12	4	1	2	0	3	58	124
0600	2	35	0	19	7	0	3	4	7	77	1	29	1	27	9	0	0	2	5	74	151
0700	2	76	2	33	26	2	6	3	22	172	0	54	0	41	15	0	3	4	14	131	303
0800	10	205	1	88	58	9	8	3	42	424	3	74	1	41	23	7	13	3	45	210	634
0900	5	389	4	119	128	13	4	1	70	733	4	196	0	62	65	21	16	6	72	442	1175
1000	8	371	1	169	126	17	7	1	76	776	6	192	3	129	90	37	7	9	78	551	1327
1100	2	323	1	131	122	20	7	0	69	675	4	180	1	158	110	38	10	5	69	575	1250
1200	7	325	2	137	125	13	11	0	61	681	5	218	1	135	98	21	2	0	78	558	1239
1300	3	309	2	87	71	13	8	0	49	542	1	257	1	109	79	11	3	0	50	511	1053
1400	1	320	0	115	89	12	6	0	71	614	8	380	1	117	86	13	11	0	58	674	1288
1500	5	275	3	98	104	14	8	0	73	580	6	355	1	134	76	35	6	0	43	656	1236
1600	3	263	0	106	94	18	8	2	66	560	6	328	3	134	116	23	5	0	41	656	1216
1700	6	243	3	70	72	15	4	3	65	481	9	395	2	114	95	16	8	2	45	686	1167
1800	6	301	1	64	65	7	10	3	86	543	8	384	1	120	67	11	8	0	38	637	1180
1900	3	306	1	61	42	5	12	1	67	498	8	391	3	98	53	5	13	1	35	607	1105
2000	6	268	0	41	38	2	9	1	52	417	6	336	0	67	49	2	14	3	38	515	932
2100	2	182	0	30	21	5	9	4	45	298	4	257	0	36	36	2	2	3	39	379	677
2200	5	197	0	13	34	18	3	2	37	309	8	266	4	29	18	2	3	0	37	367	676
2300	3	196	1	13	29	11	8	1	31	293	5	302	2	33	12	0	11	1	27	393	686
2400	4	131	1	13	13	1	3	1	13	180	6	246	0	24	15	2	6	1	9	309	489
Total	86	5020	23	1467	1307	195	137	34	1030	9299	109	5249	25	1662	1158	267	150	48	870	9538	18837

Hourly Traffic Summary - Report Date **27-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	3	88	0	15	12	0	0	4	8	130	5	168	0	16	12	4	6	6	14	231	361
0200	4	69	0	5	5	0	0	2	3	88	1	111	0	11	8	6	0	0	5	142	230
0300	0	57	0	10	2	0	0	0	2	71	2	74	0	13	6	0	0	0	4	99	170
0400	1	49	0	16	4	1	0	0	1	72	0	45	0	8	5	1	0	0	2	61	133
0500	0	34	0	19	14	0	2	0	2	71	0	38	0	12	3	0	0	0	3	56	127
0600	0	47	1	16	4	0	3	4	0	75	1	29	1	20	5	0	1	2	0	59	134
0700	2	60	1	25	7	0	4	0	9	108	0	30	0	42	12	0	4	1	6	95	203
0800	1	91	1	34	18	3	4	1	16	169	7	53	0	22	10	1	9	2	14	118	287
0900	4	131	0	42	19	14	8	1	30	249	3	85	1	32	11	4	7	1	24	168	417
1000	4	198	2	34	11	3	4	1	38	295	4	111	2	45	13	6	11	0	25	217	512
1100	4	194	2	31	19	5	5	1	45	306	2	115	5	50	9	12	9	0	28	230	536
1200	2	266	0	33	17	2	3	0	36	359	2	181	0	39	15	4	6	0	34	281	640
1300	4	292	0	39	15	3	6	0	35	394	5	218	0	38	20	3	2	1	30	317	711
1400	3	275	1	39	13	4	4	1	32	372	4	206	0	37	14	5	3	1	26	296	668
1500	3	270	1	35	11	6	3	0	30	359	4	261	2	34	5	6	10	0	25	347	706
1600	4	245	1	29	11	2	6	0	16	314	2	285	1	42	21	5	5	1	20	382	696
1700	5	252	2	38	12	3	21	0	13	346	2	318	0	36	19	3	7	1	21	407	753
1800	5	259	4	33	13	2	9	0	40	365	4	297	0	31	7	2	8	1	26	376	741
1900	3	252	0	41	15	0	7	0	23	341	2	286	1	29	10	3	14	0	23	368	709
2000	4	195	0	18	8	0	2	0	17	244	5	231	2	17	7	0	4	1	17	284	528
2100	3	168	0	11	7	11	6	0	14	220	1	204	1	14	7	1	6	1	12	247	467
2200	3	218	0	10	25	24	3	0	14	297	1	258	2	17	3	0	4	0	4	289	586
2300	3	201	1	19	18	8	5	0	9												

Hourly Traffic Summary - Report Date **28-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	0	50	0	6	8	0	0	6	2	72	1	101	0	6	8	7	1	8	1	133	205
0200	1	35	2	16	9	0	0	0	3	66	1	57	0	5	6	6	1	0	2	78	144
0300	0	20	0	13	1	0	0	0	0	34	1	34	0	4	6	5	1	0	3	54	88
0400	0	14	0	12	9	0	0	0	1	36	0	13	0	6	4	0	1	0	0	24	60
0500	0	14	0	19	11	0	1	0	3	48	0	17	0	14	7	0	0	0	0	38	86
0600	2	24	0	14	5	0	1	7	6	59	0	25	3	25	7	0	4	3	4	71	130
0700	3	85	0	35	13	2	8	3	11	160	0	44	0	43	13	0	4	6	14	124	284
0800	10	343	2	89	48	9	13	4	30	548	2	117	0	33	23	6	13	6	38	238	786
0900	10	844	0	140	101	15	14	4	39	1167	2	319	5	87	83	21	19	3	87	626	1793
1000	10	431	1	155	112	11	11	3	50	784	9	253	2	137	99	14	12	11	74	611	1395
1100	7	284	1	167	114	17	6	0	54	650	2	208	3	148	123	13	6	6	68	577	1227
1200	7	276	2	143	110	11	10	0	40	599	6	167	1	143	122	15	9	0	75	538	1137
1300	2	233	0	100	92	13	6	0	44	490	2	184	1	122	97	7	7	0	50	470	960
1400	5	194	3	119	72	27	10	0	37	467	5	165	2	111	105	17	12	0	57	474	941
1500	1	207	1	127	94	22	11	0	47	510	5	225	3	163	110	11	6	0	49	572	1082
1600	3	190	2	115	113	14	4	1	62	504	2	219	1	162	111	16	10	0	39	560	1064
1700	6	201	2	105	82	9	12	0	63	480	3	269	2	156	121	14	7	2	29	603	1083
1800	4	256	2	85	79	4	9	2	66	507	4	368	2	161	85	8	13	0	34	675	1182
1900	4	355	0	76	67	2	12	0	63	579	11	531	0	139	81	7	21	0	39	829	1408
2000	2	247	2	49	36	4	4	4	51	399	9	556	1	92	43	0	15	3	32	751	1150
2100	2	145	0	30	41	6	4	3	40	271	4	380	0	47	40	1	8	2	28	510	781
2200	5	124	0	14	39	19	7	4	26	238	7	268	1	33	28	0	4	0	23	364	602
2300	2	137	1	21	31	10	4	1	12	219	2	304	1	26	23	1	7	0	26	390	609
2400	1	108	1	16	18	1	2	1	10	158	1	191	1	18	19	5	4	3	17	259	417
Total	87	4817	22	1666	1305	196	149	43	760	9045	79	5015	29	1881	1364	174	185	53	789	9569	18614

Hourly Traffic Summary - Report Date **29-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	1	49	0	12	7	0	1	4	11	85	1	128	0	14	13	3	0	9	12	180	265
0200	1	41	0	14	7	2	0	2	2	69	0	48	0	9	12	4	0	0	12	85	154
0300	0	31	0	10	4	1	1	0	1	48	1	35	0	9	9	5	0	1	3	63	111
0400	1	21	0	10	5	0	0	0	1	38	0	25	0	9	6	2	1	0	1	44	82
0500	0	17	0	20	11	1	2	0	2	53	0	19	0	15	8	0	0	0	1	43	96
0600	1	23	0	18	6	0	2	5	4	59	0	16	1	21	9	0	2	3	2	54	113
0700	3	64	1	32	25	3	5	3	15	151	0	39	1	38	15	0	2	7	24	126	277
0800	8	356	3	85	74	9	13	4	33	585	3	102	0	38	33	8	15	5	50	254	839
0900	10	791	3	142	131	15	14	3	42	1151	3	309	3	88	91	14	17	7	61	593	1744
1000	10	466	1	163	145	10	10	0	62	867	7	255	8	134	95	12	12	8	76	607	1474
1100	5	294	3	159	141	12	5	2	65	686	3	173	4	176	109	10	7	5	76	563	1249
1200	6	235	0	132	120	9	12	0	46	560	1	169	3	143	135	11	8	0	89	559	1119
1300	2	256	0	122	93	14	10	0	42	539	1	181	2	127	96	9	11	0	80	507	1046
1400	2	162	3	106	80	13	3	1	50	420	7	169	6	125	101	16	6	1	69	500	920
1500	1	189	3	147	131	21	11	1	54	558	1	238	6	162	131	21	6	0	47	612	1170
1600	3	196	1	135	128	14	6	1	72	556	6	205	4	147	138	22	7	0	44	573	1129
1700	4	179	3	118	108	18	14	2	50	496	4	252	4	159	122	20	7	0	48	616	1112
1800	8	226	1	91	71	24	14	2	74	511	7	364	3	143	101	7	12	0	44	681	1192
1900	4	334	0	76	52	8	14	0	59	547	14	547	2	155	84	2	18	0	53	875	1422
2000	5	256	0	38	45	1	6	4	40	395	14	517	0	95	72	0	17	2	40	757	1152
2100	0	157	0	30	25	14	3	3	41	273	1	334	0	36	40	2	7	4	32	456	729
2200	2	134	0	22	28	30	5	3	31	255	5	287	2	28	28	1	3	1	36	391	646
2300	0	113	1	18	23	20	9	3	31	218	4	318	1	28	17	4	4	1	27	404	622
2400	2	93	1	8	13	0	3	0	14	134	2	199	0	15	21	2	4	2	21	266	400
Total	79	4683	24	1708	1473	239	163	43	842	9254	85	4929	50	1914	1486	175	166	56	948	9809	19063

Hourly Traffic Summary - Report Date **30-Jul-08**  
(Manual toll & Autotoll)

Hour End	Kowloon Bound									Shatin Bound									Both Bound		
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8		Class 9	Total
0100	2	68	0	9	7	0	1	4	7	98	1	110	0	15	18	8	5	7	9	173	271
0200	1	40	0	8	8	0	0	2	9	68	0	70	0	10	14	3	1	1	9	108	176
0300	0	36	0	12	7	0	0	0	0	55	1	46	0	6	6	5	1	0	10	75	130
0400	1	19	0	15	10	0	0	0	0	45	0	20	0	11	6	3	0	0	10	50	95
0500	0	25	0	20	13	1	2	0	4	65	1	26	0	10	6	2	0	0	0	45	110
0600	3	23	0	19	7	0	1	4	7	64	0	20	0	26	7	2	0	4	4	63	127
0700	5	71	1	26	18	2	4	3	18	148	0	47	1	38	16	0	4	4	18	128	276
0800	7	331	3	96	63	9	8	4	46	567	4	99	0	42	29	10	14	5	43	246	813
0900	11	797	0	143	149	12	15	4	58	1189	5	316	2	82	66	23	17	5	74	590	1779
1000	7	544	1	171	152	18	9	0	76	978	3	241	9	152	108	19	15	12	98	657	1635
1100	5	327	3	148	147	16	9	0	65	720	0	208	2	151	133	19	9	6	64	592	1312
1200	6	238	1	154	121	24	13	0	50	607	2	194	2	142	113	13	11	0	83	560	1167
1300	4	220	1	125	114	14	10	1	41	530	2	168	4	127	90	15	9	2	50	467	997
1400	2	200	2	113	103	11	3	0	64	498	2	183	3	123	96	11	5	0	63	486	984
1500	2	217	4	128	137	12	8	1	66	575	3	203	3	145	115	27	9	0	63	568	1143
1600	5	188	3	123	112	8	6	2	54	501	1	224	2	170	106	28	6	1	56	594	1095
1700	1	212	4	115	87	10	14	4	68	515	5	253	1	143	112	18	8	0	40	580	1095
1800	6	251	2	99	103	5	9	2	70	547	6	350	1	167	106	8	7	0	66	711	1258
1900	9	332	1	70	80	7	14	0	88	601	7	484	0	175	94	5	22	0	47	834	1435
2000	3	245	0	50	45	5	8	4	57	417	8	535	3	102	49	7	17	3	49	773	1190
2100	4	141	1	39	38	10	5	5	49	292	9	323	0	61	38	13	4	3	60	511	803
2200	2	155	0	23	38	19	6	6	44	293	4	292	1	51	33	1	8	5	32	427	

Hourly Traffic Summary - Report Date **31-Jul-08**  
 (Manual toll & Autotoll)

Hour End	Kowloon Bound										Shatin Bound										Both Bound
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Total	
0100	1	67	1	12	9	0	0	4	11	105	2	155	0	14	16	5	1	9	14	216	321
0200	2	44	0	11	12	0	0	1	6	76	1	60	0	10	10	7	0	0	13	101	177
0300	1	34	0	17	5	0	0	0	5	62	0	36	0	8	7	4	1	0	3	59	121
0400	1	26	0	18	2	0	0	0	1	48	0	31	0	11	7	1	0	0	3	53	101
0500	0	21	0	16	10	0	2	0	2	51	0	21	0	12	5	0	1	0	1	40	91
0600	0	21	0	22	8	2	3	3	4	63	0	26	1	22	11	0	0	2	5	67	130
0700	3	85	1	26	21	2	5	4	25	172	0	61	1	36	17	0	2	7	14	138	310
0800	6	334	2	94	75	3	10	3	52	579	4	81	3	35	34	9	14	5	38	223	802
0900	14	796	4	124	139	14	15	3	65	1174	3	292	3	97	78	15	18	3	56	565	1739
1000	5	476	0	185	153	14	8	1	68	910	7	250	7	137	113	9	15	12	71	621	1531
1100	6	302	1	135	132	9	8	0	46	639	4	178	3	163	118	22	7	5	64	564	1203
1200	4	251	4	134	112	17	11	0	49	582	2	176	4	163	123	14	3	0	81	566	1148
1300	7	217	4	97	88	24	6	0	54	497	2	192	2	100	110	5	6	0	46	463	960
1400	1	201	2	110	99	9	4	1	59	486	3	171	4	132	89	12	7	0	74	492	978
1500	5	185	5	117	110	20	8	1	65	516	8	214	4	162	91	21	10	0	54	564	1080
1600	5	216	2	115	106	13	5	1	65	528	2	207	1	181	115	11	7	1	58	583	1111
1700	6	217	2	117	122	10	19	2	58	553	4	260	6	147	134	15	12	0	49	627	1180
1800	7	246	4	125	74	11	9	1	69	546	6	368	3	161	112	7	9	0	46	712	1258
1900	7	339	1	75	50	1	8	0	65	546	11	519	0	164	83	6	23	1	35	842	1388
2000	2	229	1	42	56	3	6	4	56	399	15	534	1	87	57	2	11	3	38	748	1147
2100	4	168	0	34	42	9	4	4	40	305	6	344	3	63	51	1	8	2	39	517	822
2200	4	143	1	21	47	23	4	4	43	290	2	295	3	53	31	0	7	0	43	434	724
2300	2	152	1	18	29	9	7	1	22	241	7	344	0	25	22	1	6	4	30	439	680
2400	1	104	0	10	13	3	4	1	6	142	5	219	0	18	20	6	2	5	20	295	437
Total	94	4874	36	1675	1514	196	146	39	936	9510	94	5034	49	2001	1454	173	170	59	895	9929	19439

Note:

<b>Manual Toll Class</b>	<b>Description</b>
0	Tunnel Company and other service
1	Motorcycle, motor tricycles
2	Private cars, taxis
3	Public and private light buses
4	Trucks less than 5.5 tonnes
5	Trucks between 5.5 and 24 tonnes
6	Trucks over 24 tonnes
7	Public and private single-decked buses
8	Public and private double-decked buses
9	Articulated vehicle