

YEAR 2020

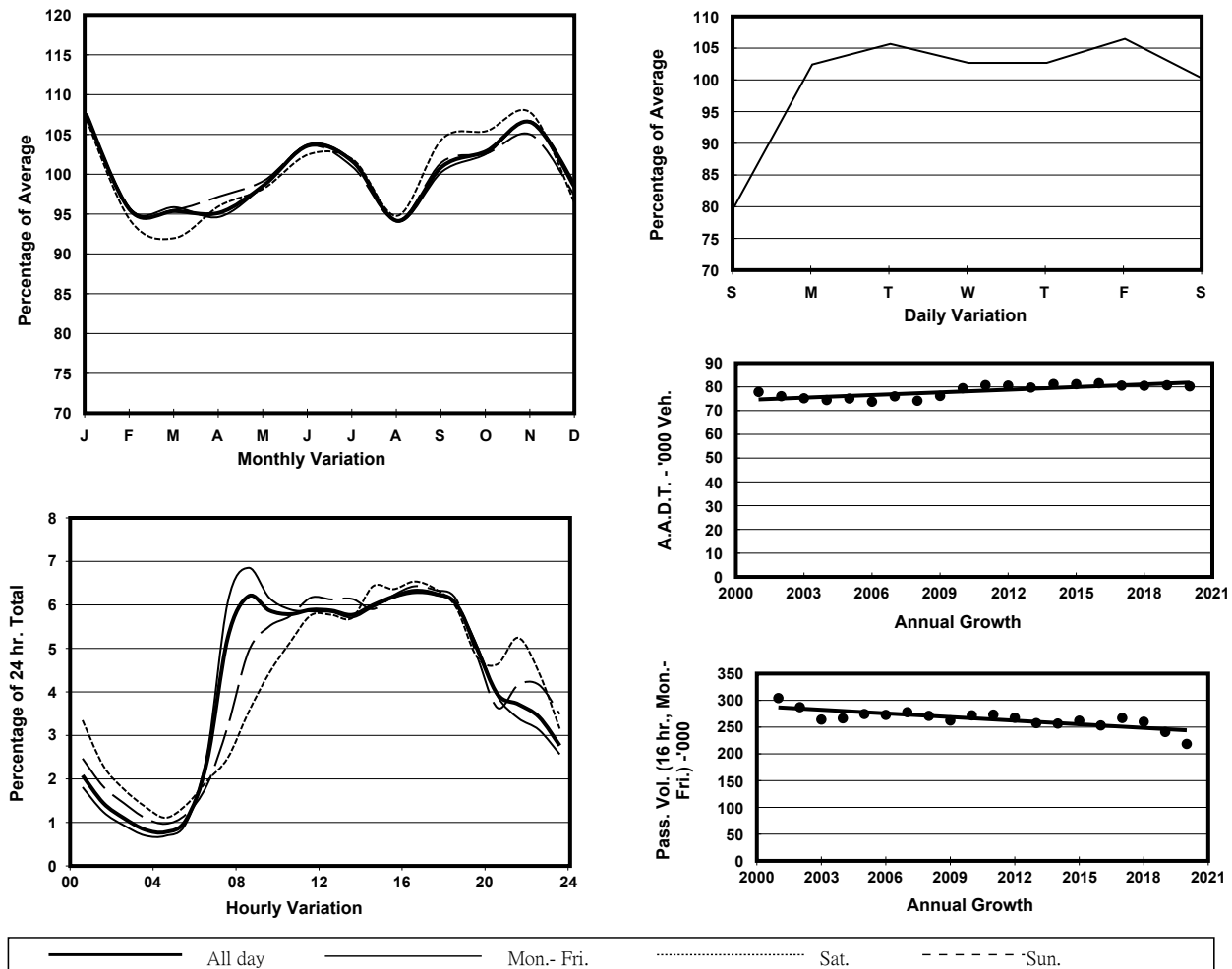
Location

Screenline I-I(Boundary between Shau Kei Wan & Chai Wan)

Stations on Cordon/Screenline

1009 and 2215

## 1. TRAFFIC FLOW VARIATION AND GROWTH



## 2. TRAFFIC CHARACTERISTICS (BY DIRECTION)

| Parameter                            | All - Day | Mon. - Fri. | Sat.      | Sun.      |
|--------------------------------------|-----------|-------------|-----------|-----------|
| <b>SOUTH BOUND</b>                   |           |             |           |           |
| A.A.D.T.                             | 39820     | 41790       | 40270     | 32530     |
| R 12 / 24 - %                        | 69.6      | 71.1        | 67.3      | 62.5      |
| R 16 / 24 - %                        | 87.1      | 88.2        | 85.2      | 82.6      |
| AM Peak Hour                         | 0900-1000 | 0900-1000   | 0900-1000 | 0900-1000 |
| One-way flow at AM peak hour         | 2340      | 2640        | 2060      | 1320      |
| T - % (AM)                           | -         | 14.3        | -         | -         |
| PM Peak Hour                         | 1600-1700 | 1600-1700   | 1600-1700 | 1700-1800 |
| One-way flow at PM peak hour         | 2490      | 2590        | 2680      | 2020      |
| T - % (PM)                           | -         | 12.8        | -         | -         |
| Prop.of commercial vehicles - 16 hr. | -         | 12.4        | -         | -         |
| <b>NORTH BOUND</b>                   |           |             |           |           |
| A.A.D.T.                             | 40400     | 42500       | 40820     | 32380     |
| R 12 / 24 - %                        | 73.2      | 74.8        | 70.4      | 66.4      |
| R 16 / 24 - %                        | 87.9      | 88.8        | 86.1      | 84.6      |
| AM Peak Hour                         | 0800-0900 | 0800-0900   | 0900-1000 | 0900-1000 |
| One-way flow at AM peak hour         | 2720      | 3180        | 2410      | 1560      |
| T - % (AM)                           | -         | 9.7         | -         | -         |
| PM Peak Hour                         | 1700-1800 | 1700-1800   | 1700-1800 | 1600-1700 |
| One-way flow at PM peak hour         | 2730      | 2900        | 2710      | 2270      |
| T - % (PM)                           | -         | 8.4         | -         | -         |
| Prop.of commercial vehicles - 16 hr. | -         | 10.9        | -         | -         |

## 3. OTHER INFORMATION AND COMMENT

4. Vehicle classification and occupancy - Monday to Friday

| Time                   |     | Class of vehicle |                |      |               |      |            |       |                |         |      |
|------------------------|-----|------------------|----------------|------|---------------|------|------------|-------|----------------|---------|------|
|                        |     | Motor<br>Cycle   | Private<br>Car | Taxi | Private<br>LB | PLB  | Goods veh. |       | Non<br>Fr. Bus | Fr. Bus |      |
|                        |     |                  |                |      |               |      | Light      | M & H |                | SD      | DD   |
| 0700-0800              | Pro | 5.3              | 31.4           | 25.7 | 3.1           | 1.9  | 15.6       | 3.8   | 6.4            | 0.1     | 6.8  |
|                        | Ocp | 1.1              | 1.3            | 1.7  | 3.8           | 10.4 | 1.4        | 1.3   | 8.3            | 21.0    | 34.8 |
| 0800-0900<br>Peak Hour | Pro | 5.3              | 45.1           | 19.0 | 2.1           | 1.1  | 15.6       | 4.4   | 2.9            | 0.1     | 4.5  |
|                        | Ocp | 1.1              | 1.3            | 1.9  | 2.3           | 12.0 | 1.5        | 1.4   | 7.2            | 30.3    | 41.6 |
| 0900-1000              | Pro | 3.8              | 42.9           | 17.4 | 1.4           | 1.2  | 21.4       | 4.6   | 1.3            | 0.1     | 6.0  |
|                        | Ocp | 1.1              | 1.3            | 1.9  | 1.6           | 12.5 | 1.5        | 1.3   | 1.7            | 16.4    | 20.8 |
| 1000-1100              | Pro | 2.6              | 41.9           | 18.8 | 2.0           | 1.2  | 23.5       | 4.4   | 1.1            | 0.1     | 4.4  |
|                        | Ocp | 1.1              | 1.3            | 1.8  | 2.1           | 10.5 | 1.4        | 1.4   | 4.0            | 22.5    | 17.9 |
| 1100-1200              | Pro | 3.0              | 34.5           | 20.8 | 3.3           | 1.5  | 24.8       | 6.3   | 2.2            | 0.1     | 3.5  |
|                        | Ocp | 1.0              | 1.4            | 1.8  | 2.0           | 11.0 | 1.5        | 1.3   | 2.1            | 6.6     | 21.3 |
| 1200-1300              | Pro | 3.9              | 38.0           | 15.8 | 3.3           | 1.4  | 25.6       | 5.2   | 3.5            | 0.1     | 3.2  |
|                        | Ocp | 1.0              | 1.4            | 1.9  | 3.6           | 8.1  | 1.5        | 1.4   | 12.0           | 6.3     | 24.3 |
| 1300-1400              | Pro | 5.0              | 33.5           | 18.0 | 2.9           | 1.4  | 24.9       | 6.9   | 3.9            | 0.1     | 3.6  |
|                        | Ocp | 1.1              | 1.4            | 1.7  | 2.5           | 8.1  | 1.5        | 1.4   | 4.0            | 1.0     | 25.5 |
| 1400-1500              | Pro | 3.8              | 35.7           | 17.9 | 2.4           | 1.7  | 23.3       | 8.8   | 2.4            | 0.2     | 3.8  |
|                        | Ocp | 1.0              | 1.4            | 1.7  | 2.2           | 9.0  | 1.3        | 1.4   | 1.7            | 5.0     | 23.2 |
| 1500-1600              | Pro | 3.5              | 39.3           | 19.9 | 2.0           | 1.4  | 24.3       | 3.7   | 1.1            | 0.1     | 4.7  |
|                        | Ocp | 1.0              | 1.4            | 1.7  | 3.0           | 8.5  | 1.4        | 1.3   | 3.3            | 5.0     | 20.2 |
| 1600-1700              | Pro | 4.3              | 41.2           | 20.2 | 2.7           | 1.9  | 18.8       | 3.2   | 2.3            | 0.1     | 5.3  |
|                        | Ocp | 1.1              | 1.4            | 1.6  | 2.1           | 9.0  | 1.5        | 1.2   | 4.7            | 4.3     | 21.8 |
| 1700-1800              | Pro | 6.3              | 44.4           | 17.2 | 1.4           | 1.8  | 20.2       | 2.3   | 0.9            | 0.1     | 5.5  |
|                        | Ocp | 1.1              | 1.5            | 1.8  | 2.2           | 12.2 | 1.4        | 1.3   | 1.8            | 23.0    | 30.0 |
| 1800-1900              | Pro | 5.4              | 61.6           | 11.9 | 0.5           | 1.3  | 11.9       | 1.1   | 1.5            | 0.1     | 4.7  |
|                        | Ocp | 1.1              | 1.4            | 1.9  | 1.7           | 12.4 | 1.4        | 1.5   | 16.6           | 16.8    | 38.9 |
| 1900-2000              | Pro | 6.0              | 54.7           | 19.3 | 0.6           | 1.4  | 8.1        | 1.3   | 2.1            | 0.1     | 6.5  |
|                        | Ocp | 1.1              | 1.5            | 1.7  | 1.2           | 8.8  | 1.3        | 1.5   | 12.4           | 12.0    | 22.3 |
| 2000-2100              | Pro | 5.6              | 51.9           | 21.6 | 0.4           | 1.4  | 7.1        | 2.1   | 0.8            | 0.2     | 9.1  |
|                        | Ocp | 1.1              | 1.3            | 1.8  | 1.3           | 7.3  | 1.4        | 1.5   | 3.0            | 6.6     | 13.6 |
| 2100-2200              | Pro | 5.3              | 48.3           | 28.6 | 0.3           | 1.0  | 6.2        | 2.1   | 0.3            | 0.2     | 7.7  |
|                        | Ocp | 1.1              | 1.4            | 1.7  | 2.0           | 7.4  | 1.6        | 1.6   | 1.0            | 1.4     | 17.0 |
| 2200-2300              | Pro | 6.1              | 47.2           | 29.5 | 0.7           | 1.2  | 4.9        | 1.3   | 0.1            | 0.1     | 8.9  |
|                        | Ocp | 1.1              | 1.4            | 1.9  | 2.8           | 6.8  | 1.3        | 1.6   | 4.0            | 4.4     | 11.9 |
| 16 hours               | Pro | 4.6              | 42.7           | 19.5 | 1.9           | 1.4  | 18.3       | 4.0   | 2.2            | 0.1     | 5.3  |
|                        | Ocp | 1.1              | 1.4            | 1.8  | 2.5           | 9.9  | 1.4        | 1.4   | 6.6            | 9.6     | 24.4 |

**Legend:** Pro. Proportion of vehicles in % (Sum may not add up to 100% due to figure rounding)\*

Ocp. Average occupancy of vehicles including both driver and passengers\*

M&H Medium and Heavy

\* All traffic data are collected from combined bounds