

ID	Description	Land Use	Indoor Ratio	Population	Occupancy				Population at 2041			
					Weekday Daytime	Weekday Night-time	Weekend Daytime	Weekend Night-time	Weekday Daytime	Weekday Night-time	Weekend Daytime	Weekend Night-time
1	Site No. 3-8 Port Back-Up, Storage and Workshop Uses	OU (PBU+SWU)	0.50	908	1.00	0.10	1.00	0.10	908	91	908	91
2	Site No. 3-10 Green Belt	GB	0.00	0	1.00	1.00	1.00	1.00	0	0	0	0
3	Site No. 3-11 Port Back-Up, Storage and Workshop Uses	OU (PBU+SWU)	0.50	1142	1.00	0.10	1.00	0.10	1142	114	1142	114
4	Site No. 3-12 Refuse Transfer Station	OU (RTS)	0.50	30	1.00	0.10	1.00	0.10	30	3	30	3
5	Site No. 3-17 Sewage Treatment Works	OU (STW)	0.50	30	1.00	0.10	1.00	0.10	30	3	30	3
6	Sie No. 3-18 Logistics Facility cum EFTS Depot	OU (LF cum EFTS Depot)	0.95	2428	1.00	0.50	1.00	0.50	2428	1214	2428	1214
7	Site No. 3-19 Electricity substation	OU (ESS)	0.95	10	1.00	0.10	1.00	0.10	10	1	10	1
8	Site No. 3-27 Logistics Facility	OU (LF)	0.95	2919	1.00	0.50	1.00	0.50	2919	1459	2919	1459
9	Amenity	A	0.00	0	1.00	1.00	1.00	1.00	0	0	0	0
10	Site No. 3-9 (petrol filling station)	OU	0.50	10	1.00	1.00	1.00	1.00	10	10	10	10
11	Site No. 3-13 Port Back-Up, Storage and Workshop Uses	OU (PBU+SWU)	0.50	2023	1.00	0.10	1.00	0.10	2023	202	2023	202
12	Site No. 3-14 Port Back-Up, Storage and Workshop Uses	OU (PBU+SWU)	0.50	1822	1.00	0.10	1.00	0.10	1822	182	1822	182
13	Site No. 3-16 Logistics Facility	OU (LF)	0.95	2457	1.00	0.50	1.00	0.50	2457	1229	2457	1229
14	Site No. 3-20 Logistics Facility	OU (LF)	0.95	2541	1.00	0.50	1.00	0.50	2541	1271	2541	1271
15	Site No. 3-21 (petrol filling station)	OU	0.50	10	1.00	1.00	1.00	1.00	10	10	10	10
16	Sie No. 3-22 Local Open Space	LO	0.00	89	1.00	0.50	1.00	0.50	89	44	89	44
17	Sie No. 3-23 Green Belt	GB	0.00	0	1.00	1.00	1.00	1.00	0	0	0	0
18	Site No. 3-24 Logistics Facility	OU (LF)	0.95	2263	1.00	0.50	1.00	0.50	2263	1131	2263	1131
19	Site No. 3-30 Green Belt	GB	0.00	0	1.00	1.00	1.00	1.00	0	0	0	0
20	Site No. 3-28 Logistics Facility	OU (LF)	0.95	3052	1.00	0.50	1.00	0.50	3052	1526	3052	1526
21	Site No. 3-29 Logistics Facility	OU (LF)	0.95	2749	1.00	0.50	1.00	0.50	2749	1374	2749	1374
R1	Kong Sham Western Highway	Road	0.00		-	-	-	-	40	20	40	20
R2	Ramp to Kong Sham Western Highway	Road	0.00		-	-	-	-	9	9	9	9
R3	Ramp from Kong Sham Western Highway	Road	0.00		-	-	-	-	9	9	9	9
R4	New Road R4	Road	0.00		-	-	-	-	10	9	10	9
R5	New Road R5	Road	0.00		-	-	-	-	10	9	10	9
R6	New Road R6	Road	0.00		-	-	-	-	8	7	8	7
R7	New Road R7	Road	0.00		-	-	-	-	11	9	11	9
R8	New Road R8	Road	0.00		-	-	-	-	14	8	14	8
R9	New Road R9	Road	0.00		-	-	-	-	7	7	7	7
R10	New Road R10	Road	0.00		-	-	-	-	27	16	27	16
R11	New Road R11	Road	0.00		-	-	-	-	11	9	11	9
R12	New Road R12	Road	0.00		-	-	-	-	30	15	30	15
R13	New Road R13	Road	0.00		-	-	-	-	35	17	35	17
R14	New Road R14	Road	0.00		-	-	-	-	15	9	15	9

Road Population

Road Length (km)	Designed Speed (km/h)	Traffic Flow (veh/hr) at Daytime (Year 2041)										Total
		Motorcycle	Private Car	Taxi	Private Light Bus	Public Light Bus	Light Goods Vehicle	Medium/Heavy Goods Vehicles	Non-franchised Bus	Franchised Bus (Single Deck)	Franchised Bus (Double Deck)	
Kong Sham Western Highway												
Total Vehicle per hour	1.08	27	728	139	12	0	308	287	49	1	0	1552
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	14	4	1	0	7	5	7	1	0	40
Person (%)	-	3%	35%	10%	3%	0%	18%	13%	18%	3%	0%	100%

Ramp to Kong Sham Western Highway

Total Vehicle per hour	0.38	3	78	15	1	4	50	46	5	0	4	206
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	1	1	1	1	0	1	9
Person (%)	-	11%	11%	11%	11%	11%	11%	11%	11%	0%	11%	100%

Ramp from Kong Sham Western Highway

Total Vehicle per hour	0.35	3	86	16	1	4	65	60	6	0	4	245
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	1	1	1	1	0	1	9
Person (%)	-	11%	11%	11%	11%	11%	11%	11%	11%	0%	11%	100%

New Road R4

Total Vehicle per hour	0.3	5	134	26	2	4	49	47	9	0	4	279
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	1	1	1	1	0	1	10
Person (%)	-	10%	20%	10%	10%	10%	10%	10%	10%	0%	10%	100%

New Road R5

Total Vehicle per hour	0.24	7	180	34	3	4	111	104	12	0	4	458
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	1	1	1	1	0	1	10
Person (%)	-	10%	20%	10%	10%	10%	10%	10%	10%	0%	10%	100%

New Road R6

Total Vehicle per hour	0.69	4	95	18	2	0	30	28	7	0	0	183
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	0	1	1	1	0	0	8
Person (%)	-	13%	25%	13%	13%	0%	13%	13%	13%	0%	0%	100%

New Road R7

Total Vehicle per hour	0.64	4	113	22	2	0	64	59	8	0	0	272
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	0	2	1	2	1	0	11
Person (%)	-	9%	18%	9%	9%	0%	18%	9%	18%	9%	0%	100%

New Road R8

Total Vehicle per hour	0.33	16	426	82	7	0	176	164	29	0	0	899
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	4	2	1	0	2	2	2	0	0	14
Person (%)	-	7%	29%	14%	7%	0%	14%	14%	14%	0%	0%	100%

New Road R9

Total Vehicle per hour	0.26	3	82	16	1	0	39	36	6	0	0	182
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	0	1	1	1	0	0	7
Person (%)	-	14%	14%	14%	14%	0%	14%	14%	14%	0%	0%	100%

New Road R10

Total Vehicle per hour	0.62	14	382	73	6	7	140	136	26	0	7	792
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	7	2	1	2	3	2	4	1	4	27
Person (%)	-	4%	26%	7%	4%	7%	11%	7%	15%	4%	15%	100%

New Road R11

Total Vehicle per hour	0.27	11	291	56	5	0	114	106	20	0	0	604
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	3	1	1	0	1	1	2	1	0	11
Person (%)	-	9%	27%	9%	9%	0%	9%	9%	18%	9%	0%	100%

New Road R12

Total Vehicle per hour	0.81	17	459	88	7	0	173	160	31	0	0	936
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	11	3	1	0	5	3	6	0	0	30
Person (%)	-	3%	37%	10%	3%	0%	17%	10%	20%	0%	0%	100%

New Road R13

Total Vehicle per hour	0.69	26	683	132	11	0	226	211	48	0	0	1335
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	13	4	1	0	5	4	7	0	0	35
Person (%)	-	3%	37%	11%	3%	0%	14%	11%	20%	0%	0%	100%

New Road R14

Total Vehicle per hour	0.46	14	376	72	6	0	92	86	26	0	0	673
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	5	2	1	0	2	1	3	0	0	15
Person (%)	-	7%	33%	13%	7%	0%	13%	7%	20%	0%	0%	100%

Note:

[1] Person per vehicle is based on the average occupancy at core stations 5016 and 5025 in Year 2019 from Transport Department - The Annual Traffic Census 2019

Road Population

Road Length (km)	Designed Speed (km/h)	Traffic Flow (veh/hr) at Night-time (Year 2041)										Total
		Motorcycle	Private Car	Taxi	Private Light Bus	Public Light Bus	Light Goods Vehicle	Medium/Heavy Goods Vehicles	Non-franchised Bus	Franchised Bus (Single Deck)	Franchised Bus (Double Deck)	
1.08	80	15	398	87	2	0	64	52	22	1	0	639
-	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
-	-	1	8	3	1	0	2	1	3	1	0	20
-	-	5%	40%	15%	5%	0%	10%	5%	15%	5%	0%	100%

Road R2

Total Vehicle per hour	0.38	50	2	46	10	0	2	11	9	0	2	83
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	1	1	1	1	0	1	9
Person (%)	-	11%	11%	11%	11%	11%	11%	11%	11%	0%	11%	100%

Road R3

Total Vehicle per hour	0.35	50	2	48	10	0	2	13	11	0	2	90
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	1	1	1	1	0	1	9
Person (%)	-	11%	11%	11%	11%	11%	11%	11%	11%	0%	11%	100%

Road R4

Total Vehicle per hour	0.3	50	3	71	16	0	2	10	8	0	2	116
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	1	1	1	1	0	1	9
Person (%)	-	11%	11%	11%	11%	11%	11%	11%	11%	0%	11%	100%

Road R5

Total Vehicle per hour	0.24	50	4	98	21	0	2	23	19	0	2	174
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	1	1	1	1	0	1	9
Person (%)	-	11%	11%	11%	11%	11%	11%	11%	11%	0%	11%	100%

Road R6

Total Vehicle per hour	0.69	50	2	50	11	0	0	6	5	0	0	76
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	0	1	1	1	0	0	7
Person (%)	-	14%	14%	14%	14%	0%	14%	14%	14%	0%	0%	100%

Road R7

Total Vehicle per hour	0.64	50	2	60	13	0	0	13	11	0	0	102
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	0	1	1	1	1	0	9
Person (%)	-	11%	22%	11%	11%	0%	11%	11%	11%	11%	0%	100%

Road R8

Total Vehicle per hour	0.33	50	8	222	49	1	0	36	30	0	0	359
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	0	1	1	1	0	0	8
Person (%)	-	13%	25%	13%	13%	0%	13%	13%	13%	0%	0%	100%

Road R9

Total Vehicle per hour	0.26	50	2	44	10	0	0	8	7	0	0	72
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	1	1	1	0	1	1	1	0	0	7
Person (%)	-	14%	14%	14%	14%	0%	14%	14%	14%	0%	0%	100%

Road R10

Total Vehicle per hour	0.62	50	8	204	45	1	4	29	24	0	4	328
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	4	2	1	1	1	1	2	1	2	16
Person (%)	-	6%	25%	13%	6%	6%	6%	6%	13%	6%	13%	100%

Road R11

Total Vehicle per hour	0.27	50	6	148	33	1	0	23	19	0	0	238
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	2	1	1	0	1	1	1	1	0	9
Person (%)	-	11%	22%	11%	11%	0%	11%	11%	11%	11%	0%	100%

Road R12

Total Vehicle per hour	0.81	50	9	261	57	1	0	36	29	0	0	407
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	6	2	1	0	1	1	3	0	0	15
Person (%)	-	7%	40%	13%	7%	0%	7%	7%	20%	0%	0%	100%

Road R13

Total Vehicle per hour	0.69	50	13	337	75	2	0	46	38	0	0	530
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	7	3	1	0	1	1	3	0	0	17
Person (%)	-	6%	41%	18%	6%	0%	6%	6%	18%	0%	0%	100%

Road R14

Total Vehicle per hour	0.43	50	7	201	44	1	0	19	16	0	0	299
Person per vehicle ^[1]	-	1.1	1.4	2.0	4.1	15.6	1.5	1.2	10.3	8.5	36.1	-
No. of Person	-	1	3	1	1	0	1	1	1	0	0	9
Person (%)	-	11%	33%	11%	11%	0%	11%	11%	11%	0%	0%	100%

Note:

[1] Person per vehicle is based on the average occupancy at core stations 5016 and 5025 in Year 2019 from Transport Department - The Annual Traffic Census 2019

