
Appendix 5.3A

Year 2036 Traffic Forecast

Year 2036 Traffic Forecast for Noise Assessment (Without Development)

Road ID	Road Name	Direction	Traffic Flow (veh/hr)	Heavy Vehicles (%)	Speed (Km/h)
1	Sung Wong Toi Road	EB	700	16.0%	50
2	Sung Wong Toi Road	WB	990	18.0%	50
3	Slip Road to Sung Wong Toi Road	SB	480	22.0%	50
4	Sung Wong Toi Road	WB	1900	23.0%	50
5	Slip Road of Kai Tak Tunnel	WB	940	27.0%	50
6	Sung Wong Toi Road	WB	2410	23.0%	50
7	Sung Wong Toi Road	WB	2440	23.0%	50
8	Sung Wong Toi Road	WB	2310	22.0%	50
9	Kai Tak Tunnel	NB	3340	24.0%	70
10	Kai Tak Tunnel	SB	2050	31.0%	70
11	Olympic Avenue	EB	1170	18.0%	50
12	Olympic Avenue	EB	700	16.0%	50
13	To Kwa Wan Road	NB	1130	17.0%	50
14	To Kwa Wan Road	SB	470	25.0%	50
15	To Kwa Wan Road	NB	800	22.0%	50
16	To Kwa Wan Road	SB	880	32.0%	50
17	To Kwa Wan Road	NB	1410	34.0%	50
18	To Kwa Wan Road	SB	810	30.0%	50
19	Ma Tau Kok Road	EB	110	35.0%	50
20	Ma Tau Kok Road	WB	110	31.0%	50
21	Ma Tau Kok Road	WB	750	41.0%	50
22	Ma Tau Kok Road	WB	290	85.0%	50
23	Ma Tau Kok Road	WB	190	86.0%	50
24	Ma Tau Kok Road	WB	130	80.0%	50
25	Mok Cheong Street	EB	520	36.0%	50
26	Mok Cheong Street	EB	470	33.0%	50
27	Mok Cheong Street	EB	420	35.0%	50
28	Mok Cheong Street	EB	420	35.0%	50
29	Mok Cheong Street	EB	850	24.0%	50
30	Ma Tau Chung Road	NB	1510	55.0%	50
31	Ma Tau Chung Road	SB	1590	42.0%	50
32	Tam Kung Road	SB	150	25.0%	50
33	Tam Kung Road	SB	160	34.0%	50
34	Pak Tai Street	NB	50	21.0%	50
35	Pak Tai Street	NB	50	20.0%	50
36	Pak Tai Street	NB	50	31.0%	50
37	Pau Chung Street	SB	50	29.0%	50
38	Pau Chung Street	NB	50	59.0%	50
39	Pau Chung Street	SB	50	67.0%	50
40	Kowloon City Road	NB	800	19.0%	50
41	Kowloon City Road	NB	1000	24.0%	50
42	Kowloon City Road	NB	650	30.0%	50
43	Olympic Avenue	NB	430	28.0%	50
44	Olympic Avenue	SB	1170	18.0%	50
45	Olympic Avenue	NB	520	22.0%	50
46	Olympic Avenue	SB	520	22.0%	50
47	Olympic Avenue	NB	440	23.0%	50
48	Olympic Avenue	SB	460	22.0%	50
49	Olympic Avenue	NB	300	29.0%	50
50	Olympic Avenue	SB	460	22.0%	50
51	Olympic Avenue	NB	310	26.0%	50
52	Olympic Avenue	SB	470	20.0%	50
53	Olympic Avenue	NB	630	20.0%	50
54	Olympic Avenue	SB	480	21.0%	50
55	Road D1	EB	1350	20.0%	50
56	Road D1	WB	620	21.0%	50
57	Road L9	EB	360	18.0%	50
58	Road L9	WB	330	19.0%	50

Year 2036 Traffic Forecast for Noise Assessment (Without Development)

Road ID	Road Name	Direction	Traffic Flow (veh/hr)	Heavy Vehicles (%)	Speed (Km/h)
59	Road L9	EB	140	20.0%	50
60	Road L9	WB	90	19.0%	50
61	Road L16	NB	200	18.0%	50
62	Road L16	SB	250	19.0%	50
63	road L7	EB	240	17.0%	50
64	road L7	WB	230	19.0%	50
65	Shing Kai Road	NB	620	14.0%	50
66	Shing Kai Road	SB	780	11.0%	50
67	Road D2	EB	600	13.0%	50
68	Road D2	WB	900	9.0%	50
69	Road D2	NB	580	12.0%	50
70	Road D2	SB	890	10.0%	50
71	Road D2	NB	830	12.0%	50
72	Road D2	SB	650	10.0%	50
73	Road D2	NB	930	8.0%	50
74	Road D2	SB	670	11.0%	50
75	Road L5	NB	50	14.0%	50
76	Road L5	SB	80	14.0%	50
77	Road L6	NB	150	10.0%	50
78	Road L6	SB	100	16.0%	50
79	Road D3	NB	830	10.0%	50
80	Road D3	SB	770	9.0%	50
81	Road D3	NB	740	10.0%	50
82	Road D3	SB	770	9.0%	50
83	CKR	EB	4400	37.0%	80
84	CKR	WB	4660	38.0%	80
85	Slips Road of CKR	WB	810	40.0%	70
86	Slip Road of Kai Tak Tunnel	SB	740	33.0%	50
87	Shing Cheong Road	SB	2440	35.0%	80
88	Shing Cheong Road	NB	2560	32.0%	80
89	Slip Road of CKR	WB	1340	48.0%	70
90	Slip Road of CKR	EB	1660	24.0%	70
91	Slip Road of CKR	WB	2190	44.0%	70
92	Slip Road of CKR	NB	500	15.0%	70
93	Slip Road of CKR	SB	260	27.0%	70
94	Slip Road of CKR	NB	830	16.0%	70
95	Slip Road of CKR	WB	500	45.0%	70
96	Slip Road of Kai Fuk Road	EB	1100	27.0%	70
97	Slip Road of Kai Fuk Road	WB	1180	32.0%	70
98	Kai Tak Tunnel	EB	2450	22.0%	70
99	Kai Tak Tunnel	WB	2050	31.0%	70
100	Slip Road of Kai Tak Tunnel	EB	1820	22.0%	70
101	Slip Road of CKR	EB	830	34.0%	70
102	Kai Fuk Road	EB	2840	21.0%	70
103	Kai Fuk Road	WB	1440	36.0%	70
104	Kai Fuk Road	WB	3690	34.0%	70
105	Slip Road of CKR	EB	1070	46.0%	70
106	Slip Road of CKR	WB	2230	33.0%	70
107	Slip Road of Kai Tak Tunnel	EB	590	22.0%	70
108	Slip Road of Kai Cheung Road	EB	170	16.0%	50
109	Slip Road of Kai Cheung Road	SB	1000	18.0%	70
110	Slip Road of Kai Fuk Road	WB	620	21.0%	50
111	Slip Road of Kai Cheung Road	EB	760	19.0%	70
112	Slip Road of Kai Cheung Road	WB	1160	17.0%	70
113	Ma Tau Chung Road	NB	3410	33.0%	50
114	Ma Tau Chung Road	SB	1580	42.0%	50
115	Hang Wan Road	EB	760	16.0%	50
116	Ma Tau Chung Road (at-grade)	NB	1590	39.0%	50

Year 2036 Traffic Forecast for Noise Assessment (Without Development)

Road ID	Road Name	Direction	Traffic Flow (veh/hr)	Heavy Vehicles (%)	Speed (Km/h)
117	Ma Tau Chung Road (at grade)	SB	1530	33.0%	50
118	Prince Edward Road West (at grade)	NB	1960	39.0%	50
119	Ma Tau Chung Road (at grade)	SB	970	40.0%	50
120	Kowloon City Interchange	SB	910	20.0%	50
121	Argyle Street Roundabout	WB	320	32.0%	50
122	Prince Edward Road West	NB	1650	28.0%	70
123	Prince Edward Road East (f/o)	WB	2370	26.0%	70
124	Prince Edward Road East	EB	1820	28.0%	70
125	Ma Tau Chung Road (f/o)	WB	740	26.0%	70
126	Argyle Street (f/o)	EB	920	36.0%	70
127	Argyle Street (f/o)	WB	560	12.0%	70
128	Prince Edward Road West (at grade)	EB	4550	34.0%	70
129	Prince Edward Road East	EB	4200	36.0%	70
130	Ma Tau Chung Road (at grade)	WB	2280	27.0%	70
131	Kai Tak Flyover	EB	140	15.0%	50
132	Kai Tak Flyover	EB	330	18.0%	50
133	Slip Road of Prince Edward Road East	WB	1350	25.0%	70
134	Slip Road of East Kowloon Corridor	NB	260	13.0%	50
135	Slip Road of Prince Edward Road East	WB	570	19.0%	50
136	Prince Edward Road East (at grade)	EB	4380	35.0%	70
137	Argyle Street Roundabout	EB	1830	32.0%	50
138	Kowloon City Road	NB	550	23.0%	50
139	Kai Tak Tunnel	NB	3340	24.0%	70
140	Kai Tak Tunnel	SB	1310	30.0%	70
141	Shing Kai Road	NB	520	14.0%	50
142	Shing Kai Road	SB	370	11.0%	50
143	Kai Shing Street	WB	820	11.0%	50
144	Kai Shing Street	EB	490	14.0%	50

Year 2036 Traffic Forecast for Noise Assessment (With Development)

Road ID	Road Name	Direction	Traffic Flow (veh/hr)	Heavy Vehicles (%)	Speed (Km/h)
1	Sung Wong Toi Road	EB	925	15.9%	50
2	Sung Wong Toi Road	WB	1244	18.1%	50
3	Slip Road to Sung Wong Toi Road	SB	480	22.0%	50
4	Sung Wong Toi Road	WB	2145	23.0%	50
5	Slip Road of Kai Tak Tunnel	WB	940	27.0%	50
6	Sung Wong Toi Road	WB	2617	22.9%	50
7	Sung Wong Toi Road	WB	2650	23.1%	50
8	Sung Wong Toi Road	WB	2512	22.1%	50
9	Kai Tak Tunnel	NB	3340	24.0%	70
10	Kai Tak Tunnel	SB	2050	31.0%	70
11	Olympic Avenue	EB	1393	17.9%	50
12	Olympic Avenue	EB	925	15.9%	50
13	To Kwa Wan Road	NB	1361	17.0%	50
14	To Kwa Wan Road	SB	543	24.8%	50
15	To Kwa Wan Road	NB	841	22.0%	50
16	To Kwa Wan Road	SB	953	31.9%	50
17	To Kwa Wan Road	NB	1449	33.8%	50
18	To Kwa Wan Road	SB	885	29.7%	50
19	Ma Tau Kok Road	EB	110	35.0%	50
20	Ma Tau Kok Road	WB	110	31.0%	50
21	Ma Tau Kok Road	WB	750	41.0%	50
22	Ma Tau Kok Road	WB	290	85.0%	50
23	Ma Tau Kok Road	WB	190	86.0%	50
24	Ma Tau Kok Road	WB	130	80.0%	50
25	Mok Cheong Street	EB	520	36.0%	50
26	Mok Cheong Street	EB	470	33.0%	50
27	Mok Cheong Street	EB	436	34.4%	50
28	Mok Cheong Street	EB	435	34.3%	50
29	Mok Cheong Street	EB	1038	23.4%	50
30	Ma Tau Chung Road	NB	1510	55.0%	50
31	Ma Tau Chung Road	SB	1590	42.0%	50
32	Tam Kung Road	SB	159	24.8%	50
33	Tam Kung Road	SB	160	34.0%	50
34	Pak Tai Street	NB	50	21.0%	50
35	Pak Tai Street	NB	50	20.0%	50
36	Pak Tai Street	NB	50	31.0%	50
37	Pau Chung Street	SB	50	29.0%	50
38	Pau Chung Street	NB	50	59.0%	50
39	Pau Chung Street	SB	50	67.0%	50
40	Kowloon City Road	NB	973	19.3%	50
41	Kowloon City Road	NB	1170	24.0%	50
42	Kowloon City Road	NB	650	30.0%	50
43	Olympic Avenue	NB	466	28.0%	50
44	Olympic Avenue	SB	1393	17.9%	50
45	Olympic Avenue	NB	574	21.8%	50
46	Olympic Avenue	SB	520	22.0%	50
47	Olympic Avenue	NB	466	23.0%	50
48	Olympic Avenue	SB	460	22.0%	50
49	Olympic Avenue	NB	324	28.7%	50
50	Olympic Avenue	SB	460	22.0%	50
51	Olympic Avenue	NB	310	26.0%	50
52	Olympic Avenue	SB	470	20.0%	50
53	Olympic Avenue	NB	630	20.0%	50
54	Olympic Avenue	SB	480	21.0%	50
55	Road D1	EB	1415	20.1%	50
56	Road D1	WB	620	21.0%	50
57	Road L9	EB	386	17.8%	50
58	Road L9	WB	330	19.0%	50

Year 2036 Traffic Forecast for Noise Assessment (With Development)

Road ID	Road Name	Direction	Traffic Flow (veh/hr)	Heavy Vehicles (%)	Speed (Km/h)
59	Road L9	EB	140	20.0%	50
60	Road L9	WB	90	19.0%	50
61	Road L16	NB	200	18.0%	50
62	Road L16	SB	250	19.0%	50
63	road L7	EB	267	17.5%	50
64	road L7	WB	230	19.0%	50
65	Shing Kai Road	NB	743	14.1%	50
66	Shing Kai Road	SB	1027	11.2%	50
67	Road D2	EB	774	13.2%	50
68	Road D2	WB	1283	9.0%	50
69	Road D2	NB	713	12.0%	50
70	Road D2	SB	1479	9.8%	50
71	Road D2	NB	1265	12.0%	50
72	Road D2	SB	929	9.9%	50
73	Road D2	NB	1474	8.2%	50
74	Road D2	SB	1000	11.0%	50
75	Road L5	NB	50	14.0%	50
76	Road L5	SB	80	14.0%	50
77	Road L6	NB	205	9.8%	50
78	Road L6	SB	100	16.0%	50
79	Road D3	NB	1241	10.2%	50
80	Road D3	SB	876	8.9%	50
81	Road D3	NB	953	10.1%	50
82	Road D3	SB	877	8.9%	50
83	CKR	EB	4527	37.0%	80
84	CKR	WB	4721	38.0%	80
85	Slips Road of CKR	WB	871	40.1%	70
86	Slip Road of Kai Tak Tunnel	SB	740	33.0%	50
87	Shing Cheong Road	SB	2440	35.0%	80
88	Shing Cheong Road	NB	2560	32.0%	80
89	Slip Road of CKR	WB	1340	48.0%	70
90	Slip Road of CKR	EB	1838	24.0%	70
91	Slip Road of CKR	WB	2246	44.0%	70
92	Slip Road of CKR	NB	685	14.9%	70
93	Slip Road of CKR	SB	322	26.8%	70
94	Slip Road of CKR	NB	876	16.0%	70
95	Slip Road of CKR	WB	500	45.0%	70
96	Slip Road of Kai Fuk Road	EB	1100	27.0%	70
97	Slip Road of Kai Fuk Road	WB	1180	32.0%	70
98	Kai Tak Tunnel	EB	2450	22.0%	70
99	Kai Tak Tunnel	WB	2050	31.0%	70
100	Slip Road of Kai Tak Tunnel	EB	1820	22.0%	70
101	Slip Road of CKR	EB	960	34.0%	70
102	Kai Fuk Road	EB	2840	21.0%	70
103	Kai Fuk Road	WB	1440	36.0%	70
104	Kai Fuk Road	WB	3733	34.0%	70
105	Slip Road of CKR	EB	1070	46.0%	70
106	Slip Road of CKR	WB	2273	33.0%	70
107	Slip Road of Kai Tak Tunnel	EB	590	22.0%	70
108	Slip Road of Kai Cheung Road	EB	170	16.0%	50
109	Slip Road of Kai Cheung Road	SB	1000	18.0%	70
110	Slip Road of Kai Fuk Road	WB	620	21.0%	50
111	Slip Road of Kai Cheung Road	EB	760	19.0%	70
112	Slip Road of Kai Cheung Road	WB	1160	17.0%	70
113	Ma Tau Chung Road	NB	3551	32.7%	50
114	Ma Tau Chung Road	SB	1580	42.0%	50
115	Hang Wan Road	EB	1002	15.7%	50
116	Ma Tau Chung Road (at-grade)	NB	1649	38.6%	50

Year 2036 Traffic Forecast for Noise Assessment (With Development)

Road ID	Road Name	Direction	Traffic Flow (veh/hr)	Heavy Vehicles (%)	Speed (Km/h)
117	Ma Tau Chung Road (at grade)	SB	1765	31.6%	50
118	Prince Edward Road West (at grade)	NB	1960	39.0%	50
119	Ma Tau Chung Road (at grade)	SB	1012	39.5%	50
120	Kowloon City Interchange	SB	1105	19.5%	50
121	Argyle Street Roundabout	WB	320	32.0%	50
122	Prince Edward Road West	NB	1650	28.0%	70
123	Prince Edward Road East (f/o)	WB	2370	26.0%	70
124	Prince Edward Road East	EB	1898	28.0%	70
125	Ma Tau Chung Road (f/o)	WB	740	26.0%	70
126	Argyle Street (f/o)	EB	920	36.0%	70
127	Argyle Street (f/o)	WB	560	12.0%	70
128	Prince Edward Road West (at grade)	EB	4550	34.0%	70
129	Prince Edward Road East	EB	4200	36.0%	70
130	Ma Tau Chung Road (at grade)	WB	2327	27.0%	70
131	Kai Tak Flyover	EB	140	15.0%	50
132	Kai Tak Flyover	EB	330	18.0%	50
133	Slip Road of Prince Edward Road East	WB	1350	25.0%	70
134	Slip Road of East Kowloon Corridor	NB	436	13.0%	50
135	Slip Road of Prince Edward Road East	WB	632	19.0%	50
136	Prince Edward Road East (at grade)	EB	4380	35.0%	70
137	Argyle Street Roundabout	EB	2063	30.9%	50
138	Kowloon City Road	NB	550	23.0%	50
139	Kai Tak Tunnel	NB	3340	24.0%	70
140	Kai Tak Tunnel	SB	1310	30.0%	70
141	Shing Kai Road	NB	570	14.0%	50
142	Shing Kai Road	SB	440	11.0%	50
143	Kai Shing Street	WB	980	11.0%	50
144	Kai Shing Street	EB	570	14.0%	50