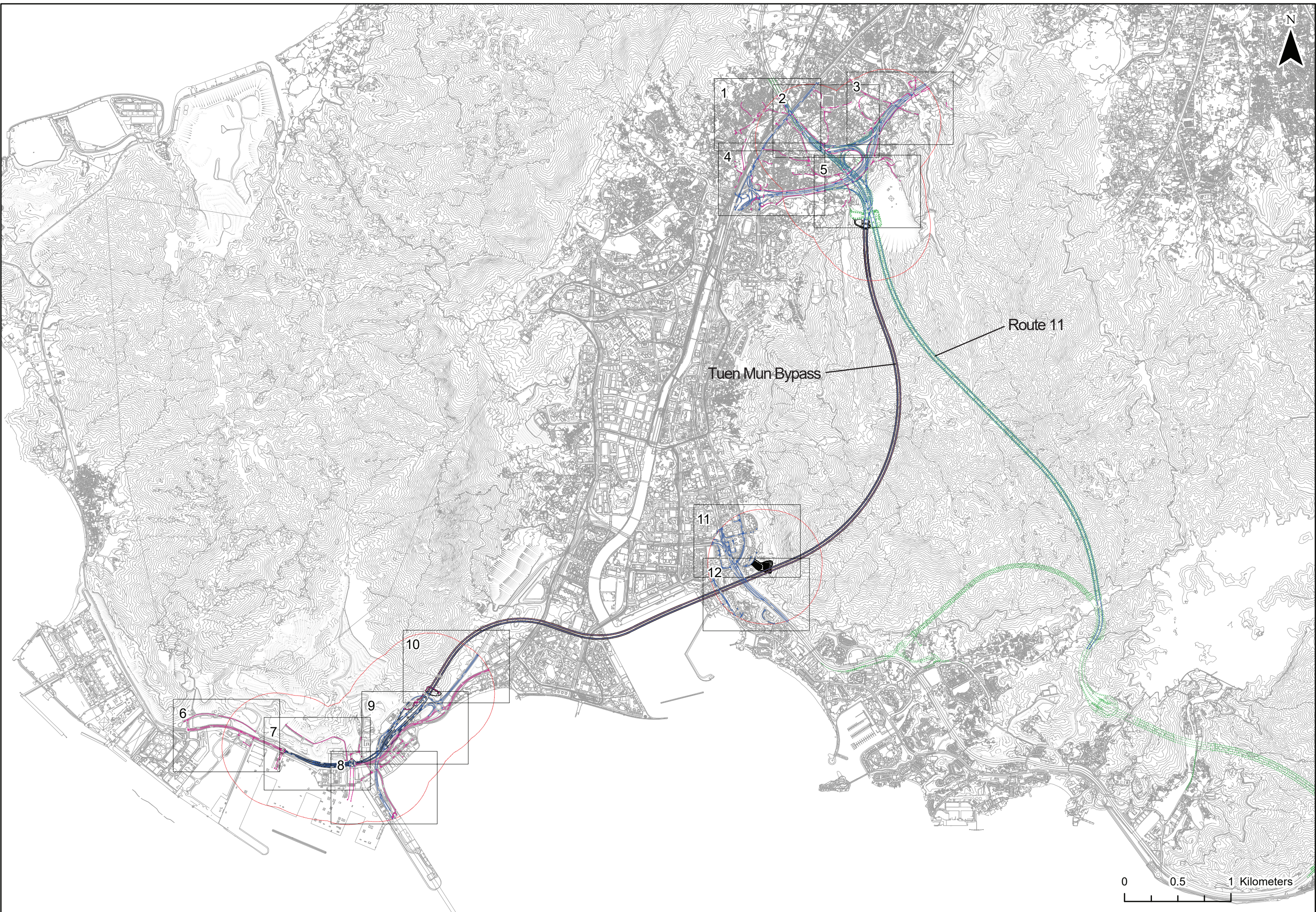


Appendix 3.3

Traffic Forecast in Year 2033, Year 2036,
Year 2041, Year 2046 and Year 2048

Annex - 1

Flow ID Map



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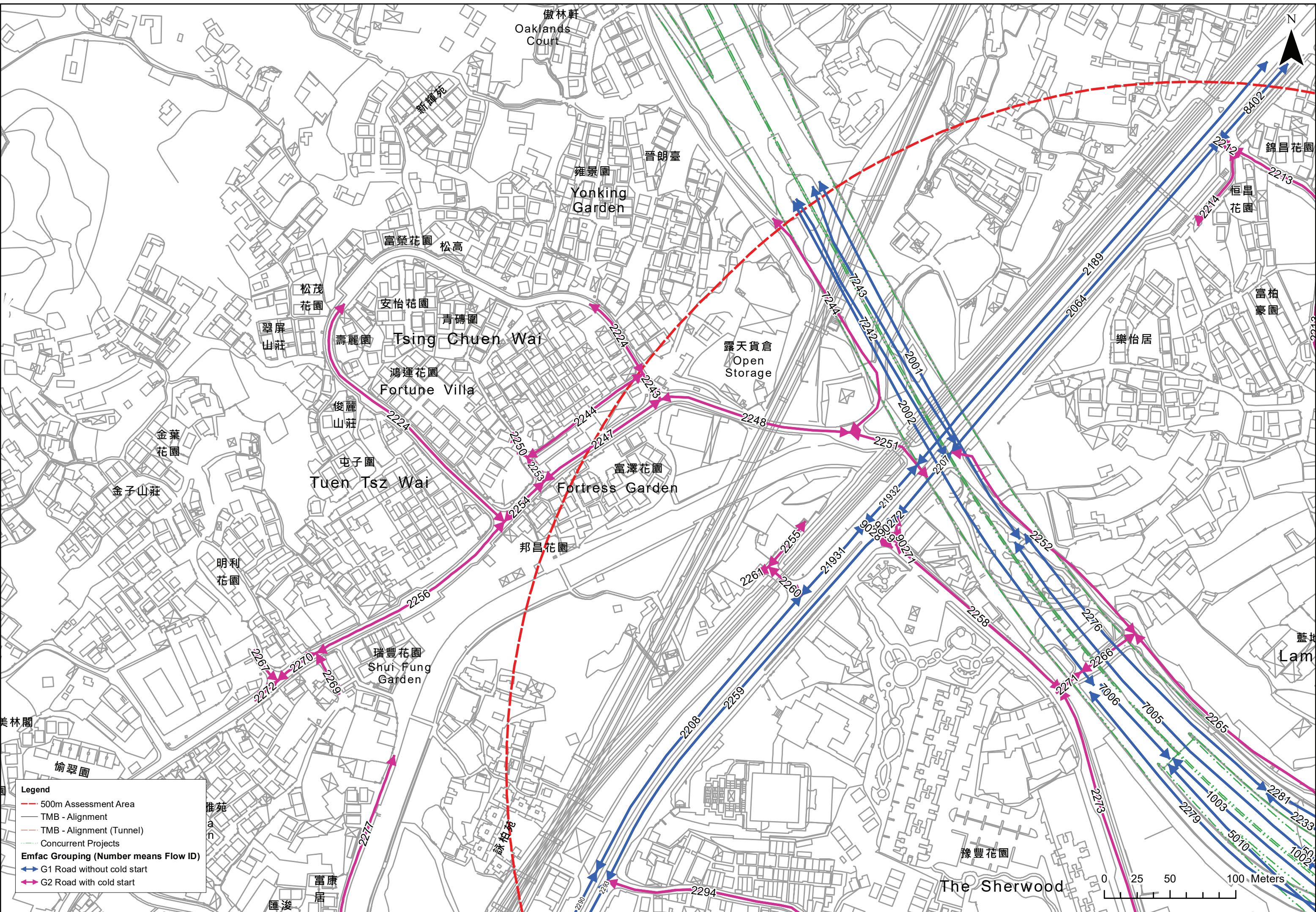
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Route 11

Tuen Mun Bypass

0 0.5 1 Kilometers



Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects

Emfac Grouping (Number means Flow ID)

- G1 Road without cold start
- G2 Road with cold start



傲林軒
Oaklands Court

新輝苑

晉朗臺

雅景園
Yonking Garden

富榮花園 松高

松茂花園

翠屏山莊

安怡花園 青磚圍

Tsing Chuen Wai

鴻運花園
Fortune Villa

露天貨倉
Open Storage

樂怡居

富柏豪園

富葉花園

金子山莊

屯子圍
Tuen Tsz Wai

富澤花園
Fortress Garden

邦昌花園

明利花園

瑞豐花園
Shui Fung Garden

藍地
Lam

美林閣

愉翠園

匯康居

匯濠

豫豐花園

The Sherwood

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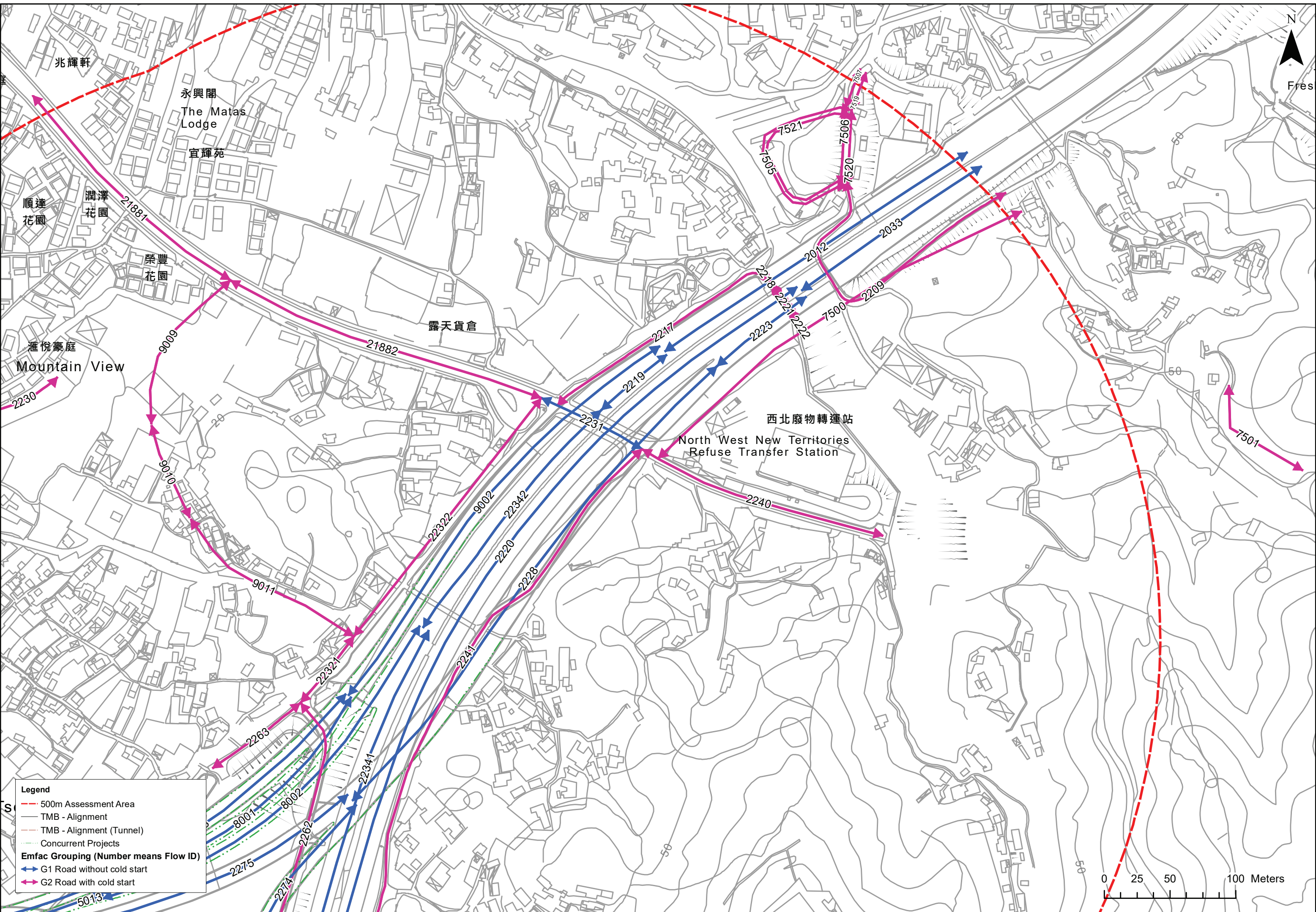
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Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects
- Emfac Grouping (Number means Flow ID)**
- G1 Road without cold start
- G2 Road with cold start



S

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兆輝軒

永興閣
The Matas Lodge
宜輝苑

順達花園
潤澤花園

榮豐花園

滙悅豪庭
Mountain View

露天貨倉

西北廢物轉運站
North West New Territories
Refuse Transfer Station

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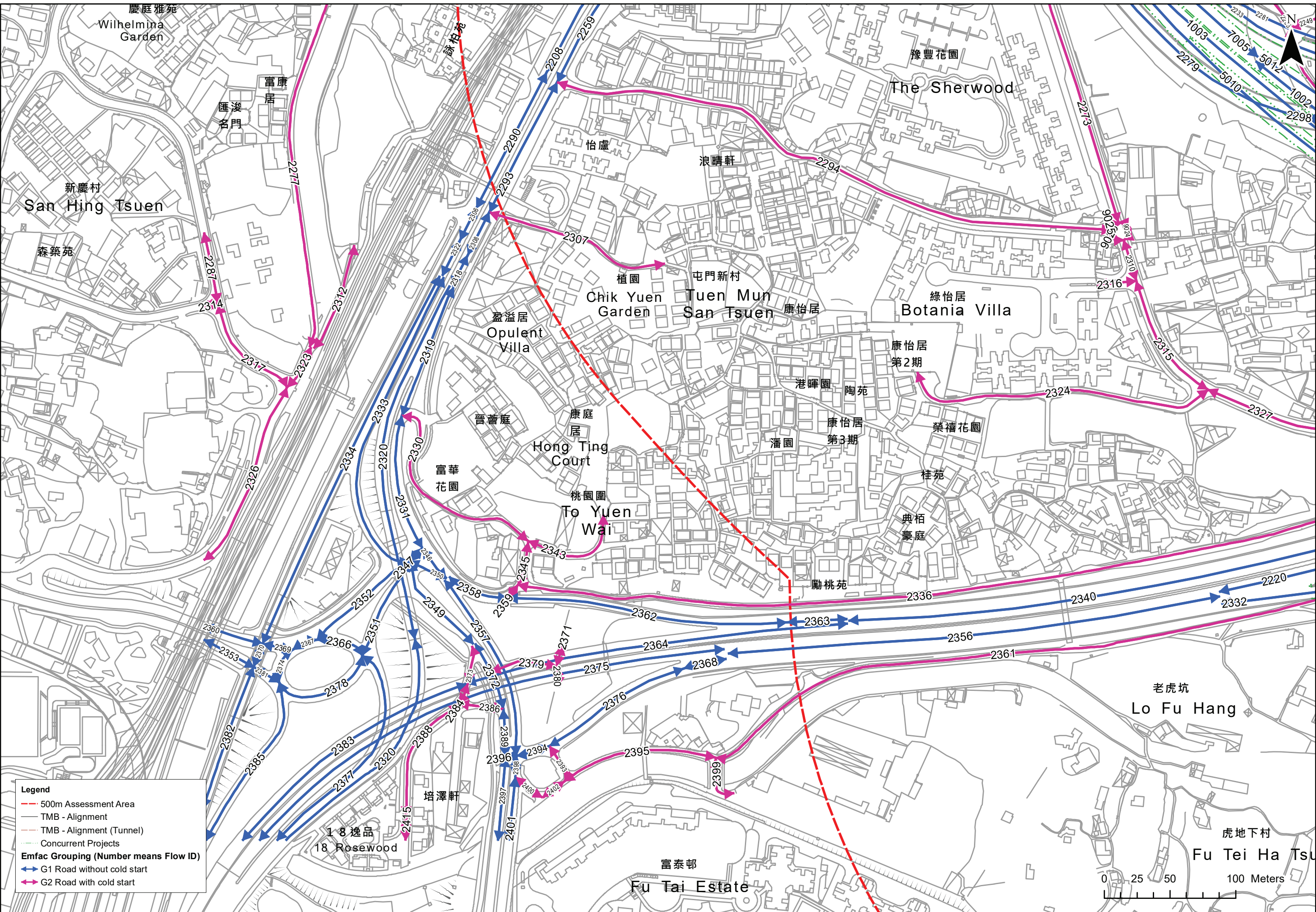
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Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects

Emfac Grouping (Number means Flow ID)

- G1 Road without cold start
- G2 Road with cold start



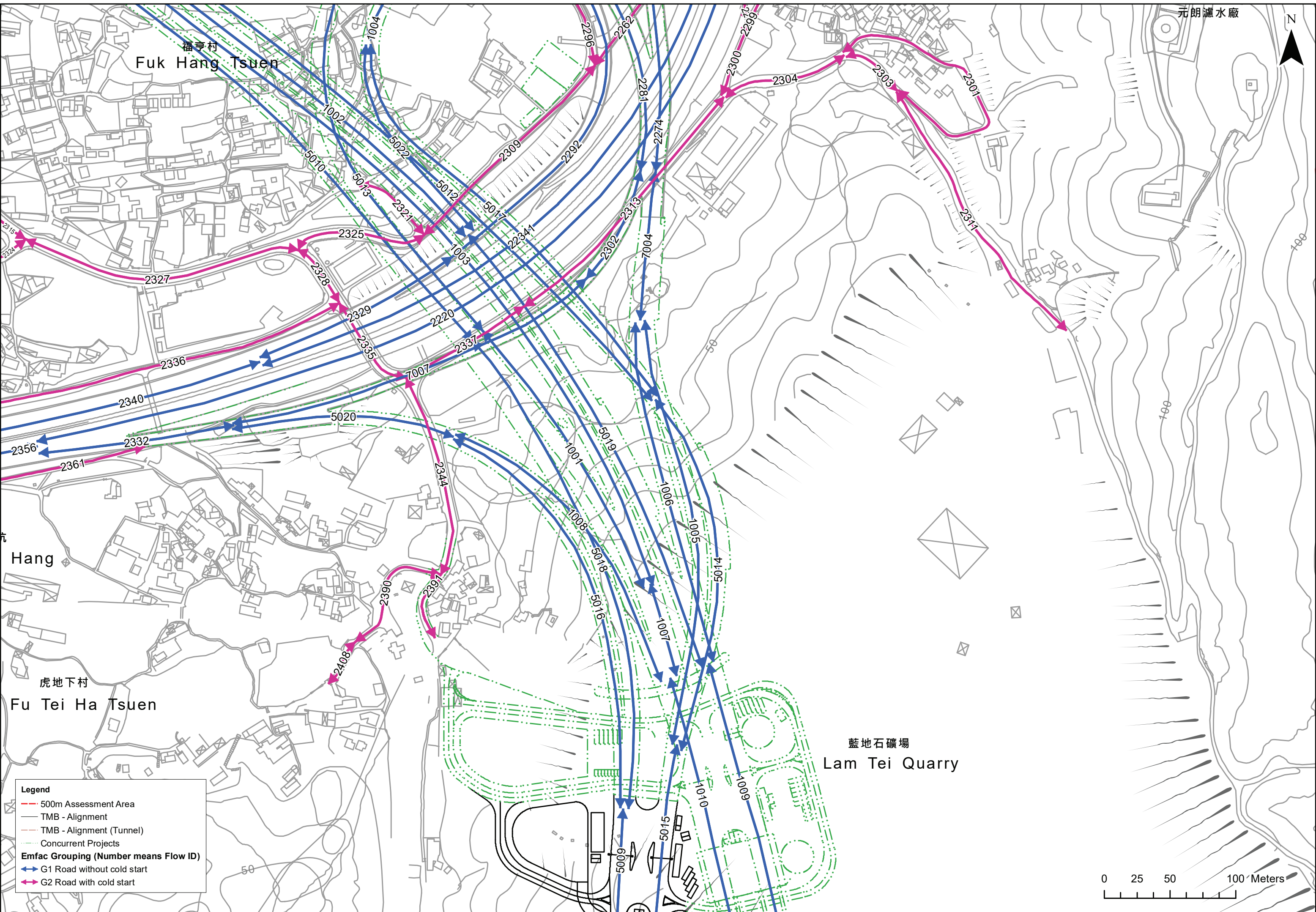
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Map labels include: 18 逸品, 18 Rosewood, 培澤軒, 富泰邨, Fu Tai Estate, 富華花園, 豐溢居, Opulent Villa, 康庭居, Hong Ting Court, 桃園圍, To Yuen Wai, 植園, Chik Yuen Garden, 屯門新村, Tuen Mun San Tsuen, 康怡居, 港暉園, 陶苑, 潘園, 康怡居第3期, 勵桃苑, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500.

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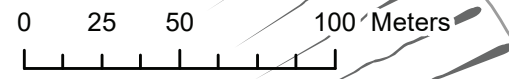
福亨村
Fuk Hang Tsuen

虎地下村
Fu Tei Ha Tsuen

藍地石礦場
Lam Tei Quarry

Legend

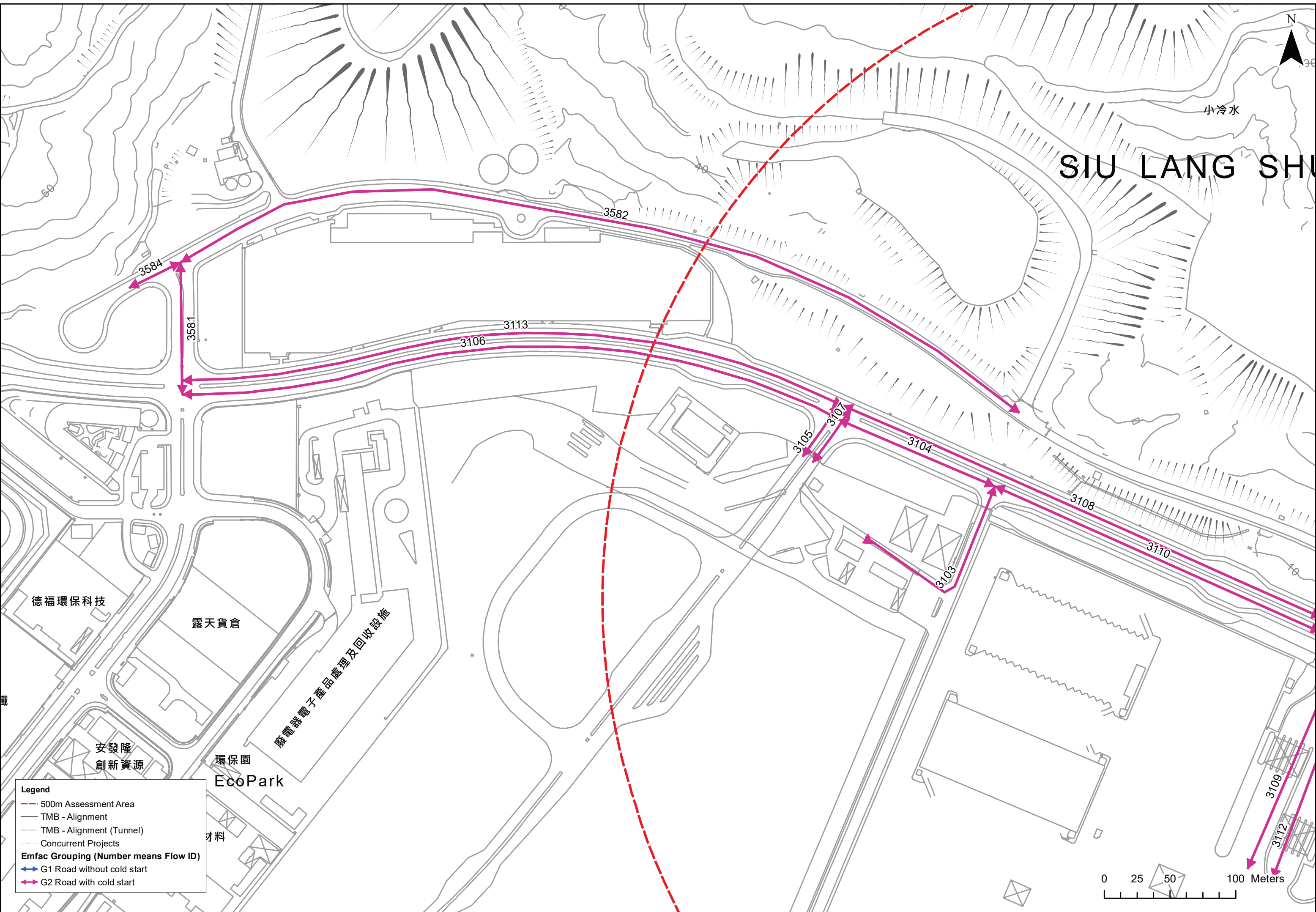
- 500m Assessment Area
- TMB - Alignment
- - - TMB - Alignment (Tunnel)
- - - Concurrent Projects
- Emfac Grouping (Number means Flow ID)**
- ➔ G1 Road without cold start
- ➔ G2 Road with cold start





小冷水

SIU LANG SHU



Legend

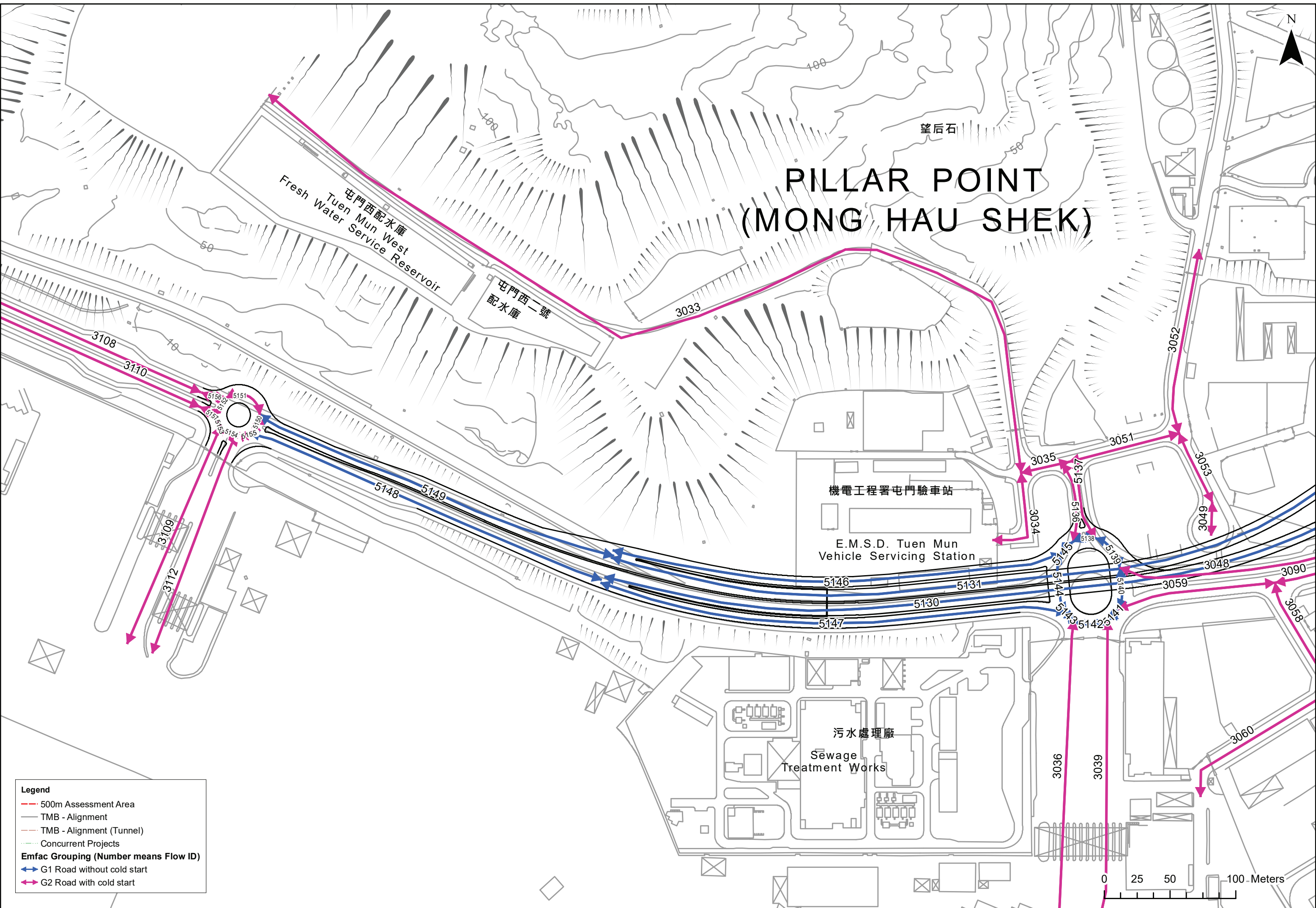
- - - 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects

Emfac Grouping (Number means Flow ID)

- ➡ G1 Road without cold start
- ➡ G2 Road with cold start



PILLAR POINT (MONG HAU SHEK)



Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects
- Emfac Grouping (Number means Flow ID)**
- G1 Road without cold start
- G2 Road with cold start

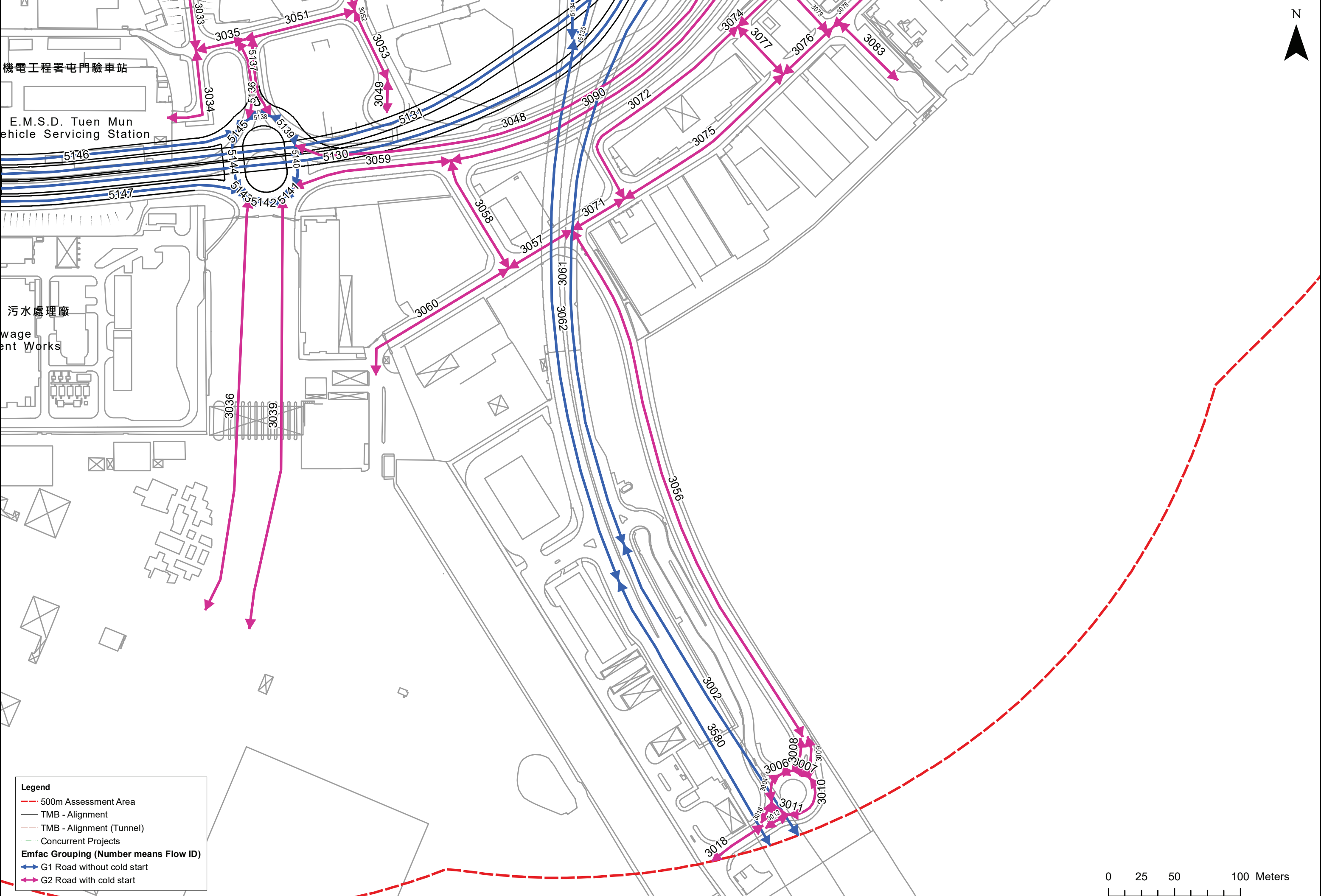
屯門西配水庫
Fresh Water Tuen Mun West
Water Service Reservoir

屯門西二號
配水庫

機電工程署屯門驗車站
E.M.S.D. Tuen Mun
Vehicle Servicing Station

污水處理廠
Sewage
Treatment Works

0 25 50 100 -Meters



Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects
- Emfac Grouping (Number means Flow ID)**
- G1 Road without cold start
- G2 Road with cold start





Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects

Emfac Grouping (Number means Flow ID)

- G1 Road without cold start
- G2 Road with cold start





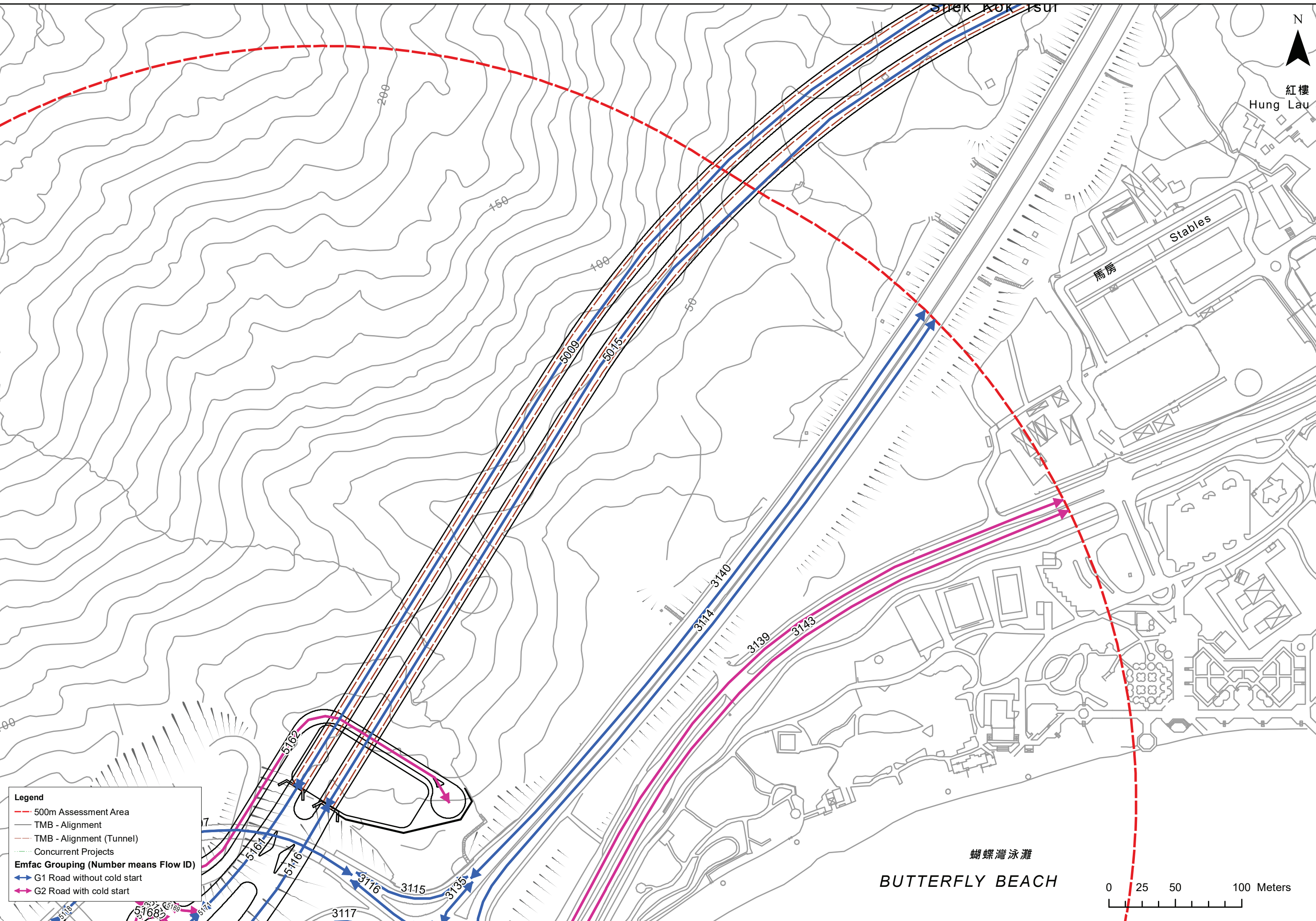
紅樓
Hung Lau

馬房
Stables

Shek Kok Tsui

蝴蝶灣泳灘

BUTTERFLY BEACH

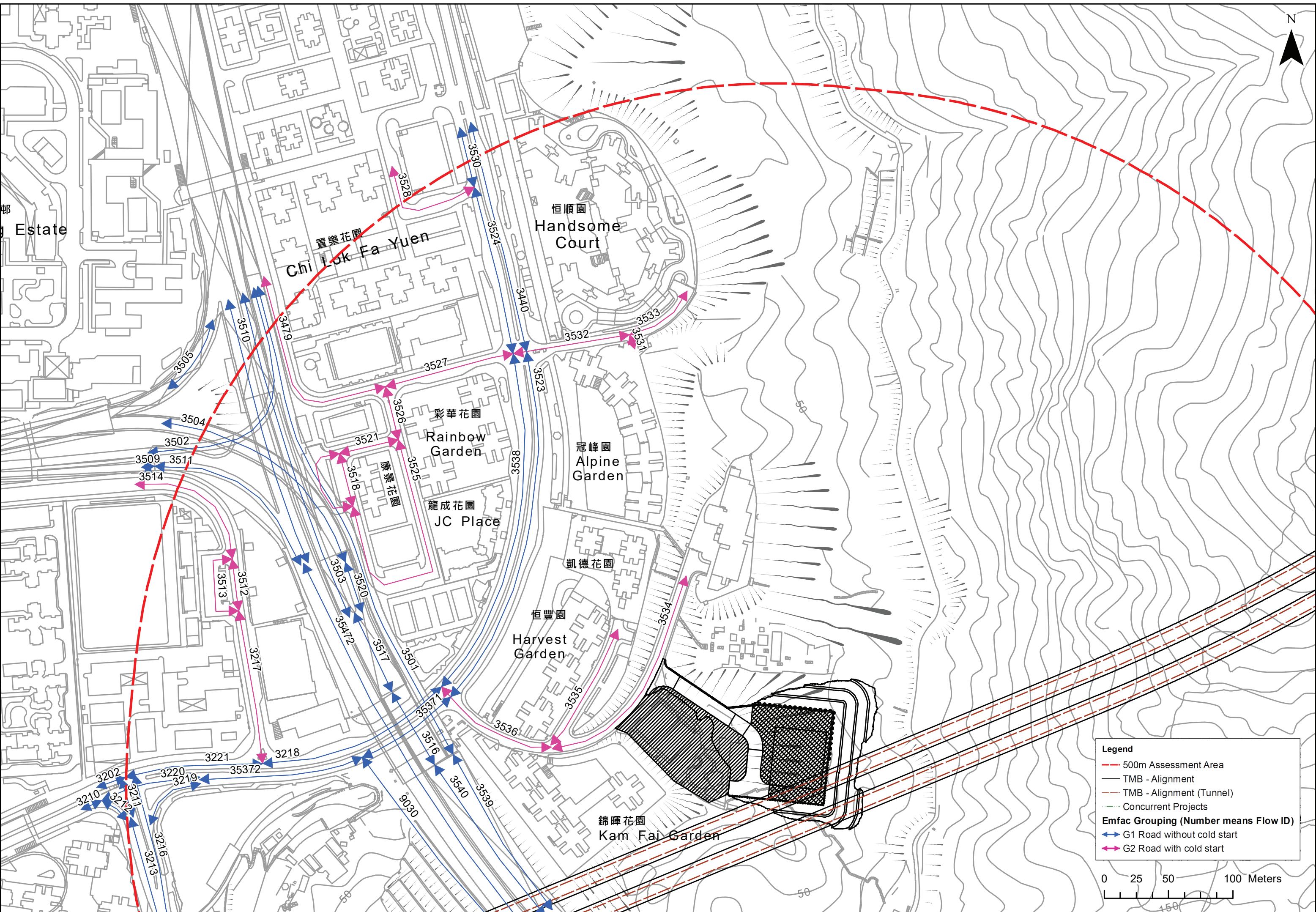


Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects

Emfac Grouping (Number means Flow ID)

- G1 Road without cold start
- G2 Road with cold start

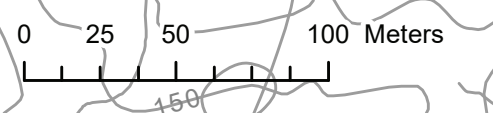


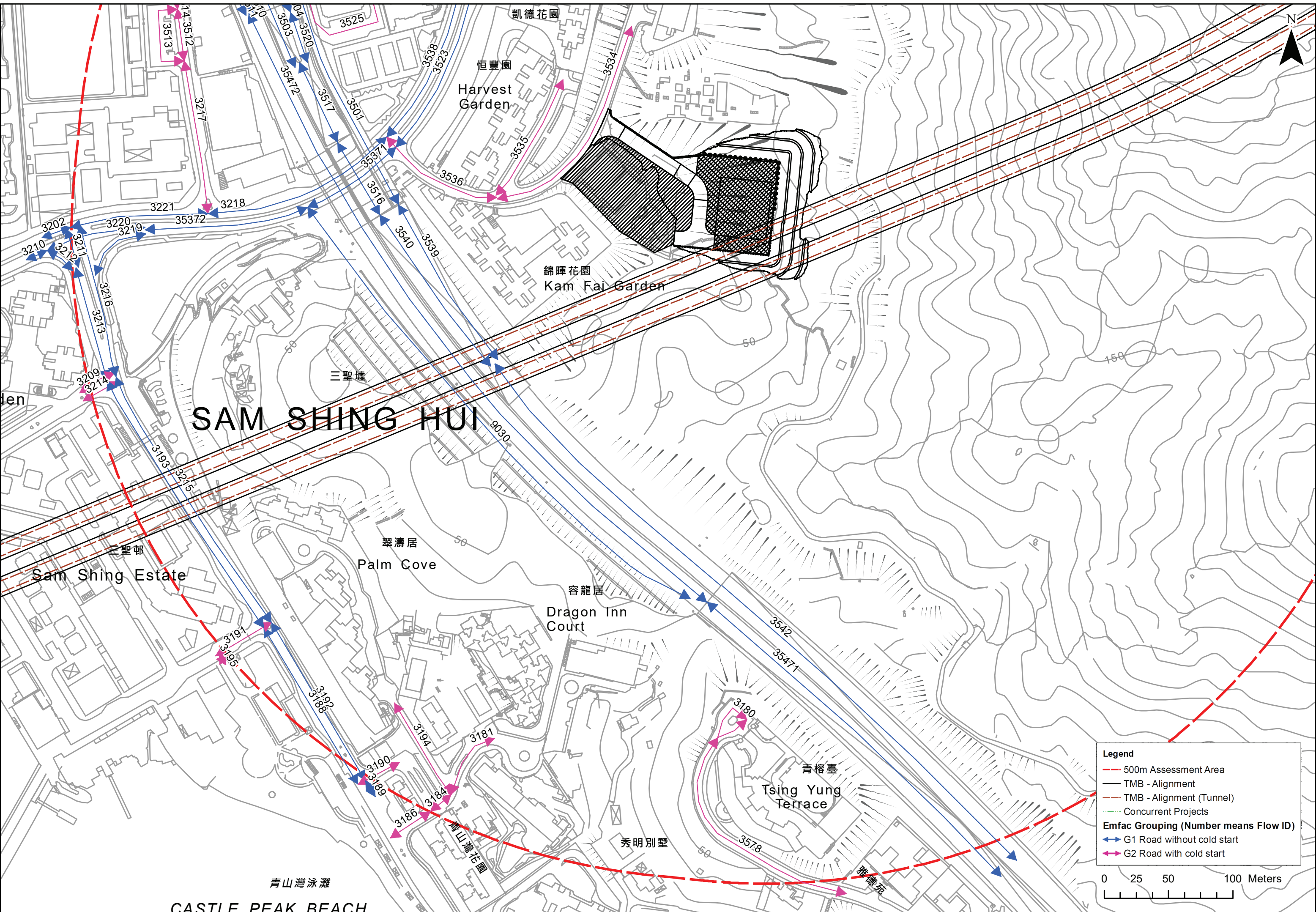
Legend

- - - 500m Assessment Area
- TMB - Alignment
- - - TMB - Alignment (Tunnel)
- - - Concurrent Projects

Emfac Grouping (Number means Flow ID)

- ➔ G1 Road without cold start
- ➔ G2 Road with cold start



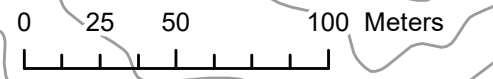


Legend

- 500m Assessment Area
- TMB - Alignment
- TMB - Alignment (Tunnel)
- Concurrent Projects

Emfac Grouping (Number means Flow ID)

- G1 Road without cold start
- G2 Road with cold start



Annex - 2a

Peak Traffic Flow
(Lam Tei Area, Year 2033)

Peak Traffic Flow in Year 2033 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
1001	G1	39	576	151	1	129	46	43	84	5	1	4	17	12	26	1	14	27	22	0
1002	G1	69	1053	276	2	200	72	66	130	7	1	8	31	22	47	1	20	49	34	0
1003	G1	80	868	227	2	186	67	62	121	9	1	6	26	18	39	2	24	40	32	0
1004	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
1005	G1	41	394	103	1	104	37	34	67	3	0	3	12	8	18	1	8	18	18	0
1006	G1	70	389	102	2	145	52	48	95	5	0	3	12	8	18	1	14	18	25	0
1007	G1	80	1445	378	3	316	113	105	205	14	1	10	43	30	65	3	38	67	54	0
1008	G1	48	48	12	0	20	7	7	13	0	0	0	1	1	2	0	0	2	3	0
1009	G1	77	1444	378	4	345	124	114	225	12	1	10	43	30	65	3	34	67	59	0
1010	G1	77	1492	391	4	336	120	111	218	14	1	11	44	31	67	3	38	70	57	0
2001	G1	78	1432	375	4	366	131	121	238	27	1	10	42	29	65	6	74	67	62	0
2002	G1	80	1154	302	3	330	118	109	214	22	1	8	34	24	52	5	59	54	56	0
2012	G1	80	1749	458	4	338	121	112	220	36	2	13	52	36	79	7	98	82	58	0
2033	G1	79	1918	502	5	490	176	162	319	32	2	14	57	39	86	7	89	89	84	0
2064	G1	62	793	158	1	139	50	14	28	58	1	4	19	13	29	4	56	35	7	0
2189	G1	64	967	192	3	265	95	28	54	45	1	5	23	16	35	3	44	43	14	0
2207	G1	62	793	158	1	139	50	14	28	58	1	4	19	13	29	4	56	35	7	0
2208	G1	60	663	132	2	236	85	24	48	60	0	4	16	11	24	4	58	29	13	0
2209	G2	50	15	3	0	4	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2212	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2213	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2214	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2217	G2	46	84	17	0	45	16	5	9	0	0	0	2	1	3	0	0	4	2	0
2218	G2	46	84	17	0	45	16	5	9	0	0	0	2	1	3	0	0	4	2	0
2219	G1	80	1626	426	3	319	115	106	208	22	1	12	48	33	73	5	60	76	54	0
2220	G1	80	1118	293	2	230	83	76	150	19	1	8	33	23	50	4	52	52	39	0
2221	G2	49	38	8	0	11	4	1	2	0	0	0	1	1	1	0	0	2	1	0
2222	G2	46	84	17	0	45	16	5	9	0	0	0	2	1	3	0	0	4	2	0
2223	G1	80	800	209	3	260	93	86	169	13	1	6	24	16	36	3	37	37	44	0
2224	G2	48	107	21	1	52	19	5	11	0	0	1	3	2	4	0	0	5	3	0
2228	G1	80	800	209	3	260	93	86	169	13	1	6	24	16	36	3	37	37	44	0
2230	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2231	G1	25	148	29	0	45	16	5	9	0	0	1	4	2	5	0	0	7	2	0
2233	G1	80	72	19	0	17	6	6	11	11	0	1	2	1	3	2	30	3	3	0
2238	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2239	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2240	G2	25	165	33	1	54	19	6	11	0	0	1	4	3	6	0	0	7	3	0
2241	G2	50	18	4	0	10	3	1	2	0	0	0	0	0	1	0	0	1	1	0
2242	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2243	G2	46	176	35	1	86	31	9	18	0	0	1	4	3	6	0	0	8	5	0
2244	G2	49	69	14	0	34	12	3	7	0	0	0	2	1	2	0	0	3	2	0
2247	G2	21	343	68	2	168	60	17	34	1	0	2	8	6	12	0	1	15	9	0
2248	G2	19	519	103	3	254	91	26	52	1	0	3	12	9	19	0	1	23	14	0
2249	G2	48	100	20	0	20	7	2	4	18	0	1	2	2	4	1	18	4	1	0
2250	G2	50	17	3	0	8	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2251	G2	24	150	30	1	143	52	15	29	1	0	1	4	2	5	0	1	7	8	0
2252	G2	34	331	66	1	70	25	7	14	18	0	2	8	5	12	1	18	15	4	0
2253	G2	48	86	17	0	42	15	4	9	0	0	0	2	1	3	0	0	4	2	0
2254	G2	20	429	85	2	210	75	22	43	1	0	2	10	7	16	0	1	19	11	0
2255	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2256	G2	34	536	107	3	262	94	27	54	1	0	3	13	9	19	0	1	24	14	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2258	G2	43	347	69	2	181	65	19	37	9	0	2	8	6	13	1	9	15	10	0
2259	G1	64	726	144	1	126	45	13	26	70	0	4	17	12	26	5	68	32	7	0
2260	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2261	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2262	G2	45	105	21	1	57	20	6	12	0	0	1	2	2	4	0	0	5	3	0
2263	G2	49	21	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2265	G2	46	86	17	0	16	6	2	3	18	0	0	2	1	3	1	18	4	1	0
2266	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2267	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2269	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2270	G2	34	536	107	3	262	94	27	54	1	0	3	13	9	19	0	1	24	14	0
2271	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2272	G2	34	536	107	3	262	94	27	54	1	0	3	13	9	19	0	1	24	14	0
2273	G2	43	349	69	2	180	65	19	37	1	0	2	8	6	13	0	1	15	10	0
2274	G1	39	784	205	3	249	89	82	162	8	1	6	23	16	35	2	22	37	42	0
2275	G1	80	16	4	0	11	4	3	7	5	0	0	0	0	1	1	15	1	2	0
2276	G1	80	104	27	0	47	17	16	30	15	0	1	3	2	5	3	41	5	8	0
2277	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2279	G1	80	51	13	0	38	14	13	25	9	0	0	1	1	2	2	26	2	7	0
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2281	G1	47	32	8	0	30	11	10	19	4	0	0	1	1	1	1	11	1	5	0
2286	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2287	G2	34	536	107	3	262	94	27	54	1	0	3	13	9	19	0	1	24	14	0
2290	G1	60	663	132	2	236	85	24	48	60	0	4	16	11	24	4	58	29	13	0
2292	G1	47	37	10	0	28	10	9	18	4	0	0	1	1	2	1	11	2	5	0
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2294	G2	49	65	13	0	1	1	0	0	1	0	0	2	1	2	0	1	3	0	0
2295	G1	47	35	9	0	28	10	9	18	4	0	0	1	1	2	1	11	2	5	0
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2300	G2	49	20	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2301	G2	50	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2302	G1	49	32	8	0	30	11	10	19	4	0	0	1	1	1	1	11	1	5	0
2303	G2	50	16	3	0	8	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2304	G2	49	20	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2306	G1	61	661	131	2	235	84	24	48	60	0	4	16	11	24	4	58	29	13	0
2307	G2	50	9	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2308	G1	62	791	157	1	127	46	13	26	72	1	4	19	13	29	5	70	35	7	0
2309	G2	45	105	21	1	57	20	6	12	0	0	1	2	2	4	0	0	5	3	0
2310	G2	43	328	65	2	177	63	18	36	0	0	2	8	5	12	0	0	14	9	0
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2313	G2	48	39	8	0	21	8	2	4	0	0	0	1	1	1	0	0	2	1	0
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2315	G2	43	328	65	2	177	63	18	36	0	0	2	8	5	12	0	0	14	9	0
2316	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2317	G2	23	766	152	4	374	134	39	77	1	1	4	18	13	28	0	1	34	20	0
2318	G1	62	791	157	1	127	46	13	26	72	1	4	19	13	29	5	70	35	7	0
2319	G1	30	303	60	0	26	9	3	5	17	0	2	7	5	11	1	17	13	1	0
2320	G1	67	488	97	1	101	36	11	21	15	0	3	12	8	18	1	14	22	5	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2321	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2322	G1	65	661	131	2	235	84	24	48	60	0	4	16	11	24	4	58	29	13	0
2323	G2	46	192	38	1	94	34	10	19	0	0	1	5	3	7	0	0	8	5	0
2324	G2	47	66	13	0	35	13	4	7	0	0	0	2	1	2	0	0	3	2	0
2325	G2	48	131	26	1	71	25	7	14	0	0	1	3	2	5	0	0	6	4	0
2326	G2	25	958	190	5	468	168	49	96	1	1	5	23	16	35	0	1	42	25	0
2327	G2	45	262	52	1	141	51	15	29	0	0	1	6	4	10	0	0	12	8	0
2328	G2	48	131	26	1	71	25	7	14	0	0	1	3	2	5	0	0	6	4	0
2329	G1	47	37	10	0	28	10	9	18	4	0	0	1	1	2	1	11	2	5	0
2330	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2331	G1	30	303	60	0	26	9	3	5	17	0	2	7	5	11	1	17	13	1	0
2332	G1	47	108	28	1	60	22	20	39	4	0	1	3	2	5	1	11	5	10	0
2333	G1	30	104	21	0	36	13	4	7	22	0	1	2	2	4	2	22	5	2	0
2334	G1	66	557	111	2	199	71	21	41	37	0	3	13	9	20	3	36	25	11	0
2335	G2	49	66	13	0	35	13	4	7	0	0	0	2	1	2	0	0	3	2	0
2336	G2	47	66	13	0	35	13	4	7	0	0	0	2	1	2	0	0	3	2	0
2337	G2	48	39	8	0	21	8	2	4	0	0	0	1	1	1	0	0	2	1	0
2340	G1	80	899	235	2	164	59	54	107	21	1	6	27	18	40	4	57	42	28	0
2343	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2344	G2	49	26	5	0	14	5	1	3	0	0	0	1	0	1	0	0	1	1	0
2345	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2346	G1	30	296	59	0	18	6	2	4	22	0	2	7	5	11	2	21	13	1	0
2347	G1	28	985	196	3	276	99	29	56	49	1	5	23	16	36	4	47	44	15	0
2349	G1	28	380	76	2	149	54	16	30	42	0	2	9	6	14	3	41	17	8	0
2350	G1	27	258	51	1	98	35	10	20	16	0	1	6	4	9	1	16	11	5	0
2351	G1	28	505	100	2	150	54	16	31	20	0	3	12	8	18	1	19	22	8	0
2352	G1	29	480	95	1	127	45	13	26	21	0	3	11	8	17	2	21	21	7	0
2353	G1	26	810	161	2	193	69	20	39	20	1	4	19	13	29	1	19	36	10	0
2356	G1	80	1226	321	3	291	104	96	189	23	1	9	36	25	55	5	63	57	50	0
2357	G1	30	296	59	0	18	6	2	4	22	0	2	7	5	11	2	21	13	1	0
2358	G1	27	258	51	1	98	35	10	20	16	0	1	6	4	9	1	16	11	5	0
2359	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2360	G1	27	773	154	4	405	145	42	83	21	1	4	18	13	28	2	21	34	22	0
2361	G2	47	35	7	0	18	7	2	4	0	0	0	1	1	1	0	0	2	1	0
2362	G1	80	258	51	1	98	35	10	20	16	0	1	6	4	9	1	16	11	5	0
2363	G1	80	258	51	1	98	35	10	20	16	0	1	6	4	9	1	16	11	5	0
2364	G1	80	660	173	1	103	37	34	67	13	1	5	19	14	30	3	37	31	18	0
2366	G1	27	380	76	3	285	102	30	58	2	0	2	9	6	14	0	2	17	15	0
2367	G1	26	860	171	4	411	148	43	84	23	1	5	20	14	31	2	23	38	22	0
2368	G1	30	528	105	3	303	109	31	62	16	0	3	13	9	19	1	16	23	16	0
2369	G1	27	773	154	4	405	145	42	83	21	1	4	18	13	28	2	21	34	22	0
2370	G1	66	557	111	2	199	71	21	41	37	0	3	13	9	20	3	36	25	11	0
2371	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2372	G1	30	296	59	0	18	6	2	4	22	0	2	7	5	11	2	21	13	1	0
2373	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2374	G1	27	558	111	2	157	56	16	32	21	0	3	13	9	20	2	20	25	8	0
2375	G1	80	736	193	1	104	37	34	67	15	1	5	22	15	33	3	43	34	18	0
2376	G1	30	528	105	3	303	109	31	62	16	0	3	13	9	19	1	16	23	16	0
2377	G1	27	386	77	3	279	100	29	57	1	0	2	9	6	14	0	1	17	15	0
2378	G1	27	499	99	2	156	56	16	32	21	0	3	12	8	18	2	20	22	8	0
2379	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2380	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2381	G1	26	810	161	2	193	69	20	39	20	1	4	19	13	29	1	19	36	10	0
2382	G1	66	557	111	2	199	71	21	41	37	0	3	13	9	20	3	36	25	11	0
2383	G1	80	660	173	1	103	37	34	67	13	1	5	19	14	30	3	37	31	18	0
2384	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2385	G1	29	398	79	0	44	16	5	9	1	0	2	9	7	14	0	1	18	2	0
2386	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2388	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2389	G1	31	71	14	0	15	5	2	3	30	0	0	2	1	3	2	29	3	1	0
2390	G2	50	13	3	0	7	3	1	1	0	0	0	0	0	0	0	0	1	0	0
2391	G2	50	13	3	0	7	3	1	1	0	0	0	0	0	0	0	0	1	0	0
2393	G2	50	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2394	G1	30	535	106	3	304	109	32	62	16	0	3	13	9	19	1	16	24	16	0
2395	G2	47	35	7	0	18	7	2	4	0	0	0	1	1	1	0	0	2	1	0
2396	G1	30	535	106	3	304	109	32	62	16	0	3	13	9	19	1	16	24	16	0
2397	G1	31	71	14	0	15	5	2	3	30	0	0	2	1	3	2	29	3	1	0
2398	G1	27	523	104	2	187	67	19	38	26	0	3	12	9	19	2	25	23	10	0
2399	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2400	G2	47	27	5	0	18	6	2	4	0	0	0	1	0	1	0	0	1	1	0
2401	G1	27	495	98	2	169	61	18	35	26	0	3	12	8	18	2	25	22	9	0
2402	G2	47	27	5	0	18	6	2	4	0	0	0	1	0	1	0	0	1	1	0
2408	G2	50	13	3	0	7	3	1	1	0	0	0	0	0	0	0	0	1	0	0
2415	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
5010	G1	80	235	61	1	105	38	35	68	3	0	2	7	5	11	1	9	11	18	0
5012	G1	70	276	72	1	120	43	40	78	5	0	2	8	6	12	1	14	13	20	0
5013	G1	36	815	213	2	184	66	61	120	8	1	6	24	17	37	2	22	38	31	0
5014	G1	70	276	72	1	120	43	40	78	5	0	2	8	6	12	1	14	13	20	0
5016	G1	49	29	8	0	11	4	4	7	0	0	0	1	1	1	0	0	1	2	0
5017	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
5018	G1	80	473	124	2	160	57	53	104	6	0	3	14	10	21	1	17	22	27	0
5019	G1	79	1055	276	2	200	72	66	130	7	1	8	31	22	47	1	20	49	34	0
5020	G1	46	77	20	0	31	11	10	20	0	0	1	2	2	3	0	0	4	5	0
5022	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
7004	G1	70	784	205	3	249	89	82	162	8	1	6	23	16	35	2	22	37	42	0
7005	G1	70	1329	348	3	319	115	106	208	12	1	10	39	27	60	3	34	62	54	0
7006	G1	80	1103	289	3	291	105	96	190	12	1	8	33	23	50	3	34	51	50	0
7007	G1	49	32	8	0	30	11	10	19	4	0	0	1	1	1	1	11	1	5	0
7242	G1	44	241	63	1	54	19	18	35	5	0	2	7	5	11	1	15	11	9	0
7243	G1	50	14	4	0	1	0	0	0	8	0	0	0	0	1	2	21	1	0	0
7244	G2	45	369	73	1	110	40	11	23	0	0	2	9	6	13	0	0	16	6	0
7500	G2	23	191	38	1	56	20	6	11	0	0	1	5	3	7	0	0	8	3	0
7501	G2	28	24	5	0	8	3	1	2	0	0	0	1	0	1	0	0	1	0	0
7505	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7506	G2	26	51	10	0	12	4	1	3	0	0	0	1	1	2	0	0	2	1	0
7507	G2	26	54	11	0	14	5	1	3	0	0	0	1	1	2	0	0	2	1	0
7519	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7520	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7521	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8001	G1	49	51	13	0	1	0	0	1	3	0	0	2	1	2	1	8	2	0	0
8002	G1	23	763	200	2	183	66	61	119	5	1	5	23	16	34	1	14	36	31	0
8402	G1	62	793	158	1	139	50	14	28	58	1	4	19	13	29	4	56	35	7	0
9002	G1	80	133	26	0	30	11	3	6	29	0	1	3	2	5	2	29	6	2	0
9009	G2	24	146	29	0	29	10	3	6	15	0	1	3	2	5	1	14	6	2	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
9010	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9011	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9024	G2	46	198	39	1	122	44	13	25	1	0	1	5	3	7	0	1	9	7	0
9025	G2	43	349	69	2	180	65	19	37	1	0	2	8	6	13	0	1	15	10	0
9026	G2	43	328	65	2	177	63	18	36	0	0	2	8	5	12	0	0	14	9	0
9028	G2	49	36	7	0	18	6	2	4	4	0	0	1	1	1	0	4	2	1	0
9029	G2	47	112	22	0	41	15	4	8	0	0	1	3	2	4	0	0	5	2	0
21881	G2	22	278	55	1	57	21	6	12	15	0	1	7	5	10	1	14	12	3	0
21882	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
21931	G1	66	663	132	2	236	85	24	48	60	0	4	16	11	24	4	58	29	13	0
21932	G1	66	620	123	2	154	55	16	32	54	0	3	15	10	22	4	53	27	8	0
22321	G2	49	21	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
22322	G2	49	21	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
22341	G1	80	862	226	1	136	49	45	89	17	1	6	26	18	39	4	46	40	23	0
22342	G1	78	1626	426	3	319	115	106	208	22	1	12	48	33	73	5	60	76	54	0
90271	G2	50	44	9	0	0	0	0	0	0	0	0	1	1	2	0	0	2	0	0
90272	G1	64	757	150	1	121	44	13	25	54	1	4	18	12	27	4	52	33	7	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 2b

Peak Traffic Flow
(Lam Tei Area, Year 2036)

Peak Traffic Flow in Year 2036 (Hour - 0800-0900)^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
1001	G1	39	593	155	1	132	47	44	86	5	1	4	18	12	27	1	14	28	22	0
1002	G1	70	992	260	2	192	69	64	125	7	1	7	29	20	45	1	20	46	33	0
1003	G1	78	1037	272	3	242	87	80	158	9	1	7	31	21	47	2	24	48	41	0
1004	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
1005	G1	40	543	142	1	94	34	31	61	3	0	4	16	11	24	1	8	25	16	0
1006	G1	70	556	146	3	269	96	89	175	5	1	4	16	11	25	1	14	26	46	0
1007	G1	77	1630	427	4	374	134	124	243	14	1	12	48	33	73	3	38	76	64	0
1008	G1	46	54	14	0	33	12	11	22	0	0	0	2	1	2	0	0	3	6	0
1009	G1	73	1548	405	5	461	166	153	300	12	1	11	46	32	70	3	34	72	79	0
1010	G1	73	1684	441	4	407	146	135	265	14	2	12	50	35	76	3	38	79	69	0
2001	G1	76	1457	382	5	441	158	146	287	27	1	10	43	30	66	6	74	68	75	0
2002	G1	74	1571	411	5	522	187	173	340	22	1	11	46	32	71	5	59	73	89	0
2012	G1	78	2033	532	5	488	175	161	317	36	2	15	60	42	92	7	98	95	83	0
2033	G1	71	2716	711	7	691	248	229	450	32	2	19	80	56	122	7	89	127	118	0
2064	G1	56	955	190	2	178	64	18	36	58	1	5	23	16	35	4	56	42	10	0
2189	G1	57	1253	249	5	460	165	48	94	45	1	7	30	21	45	3	44	55	25	0
2207	G1	56	955	190	2	178	64	18	36	58	1	5	23	16	35	4	56	42	10	0
2208	G1	54	894	178	3	247	89	26	51	60	1	5	21	15	32	4	58	39	13	0
2209	G2	50	15	3	0	4	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2212	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2213	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2214	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2217	G2	46	84	17	1	49	17	5	10	0	0	0	2	1	3	0	0	4	3	0
2218	G2	46	84	17	1	49	17	5	10	0	0	0	2	1	3	0	0	4	3	0
2219	G1	80	1436	376	4	339	122	112	221	22	1	10	42	29	65	5	60	67	58	0
2220	G1	80	1337	350	3	264	95	87	172	19	1	10	40	27	60	4	52	62	45	0
2221	G2	48	59	12	0	14	5	1	3	0	0	0	1	1	2	0	0	3	1	0
2222	G2	46	84	17	1	49	17	5	10	0	0	0	2	1	3	0	0	4	3	0
2223	G1	78	1379	361	4	427	153	141	278	13	1	10	41	28	62	3	37	64	73	0
2224	G2	47	120	24	1	70	25	7	14	0	0	1	3	2	4	0	0	5	4	0
2228	G1	78	1379	361	4	427	153	141	278	13	1	10	41	28	62	3	37	64	73	0
2230	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2231	G1	25	149	30	1	50	18	5	10	0	0	1	4	2	5	0	0	7	3	0
2233	G1	80	31	8	1	73	26	24	47	11	0	0	1	1	1	2	30	1	12	0
2238	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2239	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2240	G2	25	167	33	1	60	22	6	12	0	0	1	4	3	6	0	0	7	3	0
2241	G2	50	18	4	0	10	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2242	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2243	G2	45	197	39	1	114	41	12	23	0	0	1	5	3	7	0	0	9	6	0
2244	G2	48	77	15	0	45	16	5	9	0	0	0	2	1	3	0	0	3	2	0
2247	G2	20	384	76	2	223	80	23	46	1	0	2	9	6	14	0	1	17	12	0
2248	G2	18	581	116	4	338	121	35	69	1	0	3	14	10	21	0	1	26	18	0
2249	G2	48	100	20	0	20	7	2	4	18	0	1	2	2	4	1	18	4	1	0
2250	G2	50	19	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2251	G2	24	278	55	1	78	28	8	16	1	0	1	7	5	10	0	1	12	4	0
2252	G2	34	331	66	1	70	25	7	14	18	0	2	8	5	12	1	18	15	4	0
2253	G2	48	96	19	1	56	20	6	11	0	0	1	2	2	3	0	0	4	3	0
2254	G2	19	480	96	3	279	100	29	57	1	0	3	11	8	17	0	1	21	15	0
2255	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2256	G2	29	601	119	4	349	125	36	71	1	0	3	14	10	22	0	1	27	19	0
2258	G2	42	342	68	2	195	70	20	40	9	0	2	8	6	12	1	9	15	10	0
2259	G1	59	839	167	2	156	56	16	32	70	1	4	20	14	30	5	68	37	8	0
2260	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2261	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2262	G2	45	104	21	1	61	22	6	12	0	0	1	2	2	4	0	0	5	3	0
2263	G2	49	21	4	0	12	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2265	G2	46	86	17	0	16	6	2	3	18	0	0	2	1	3	1	18	4	1	0
2266	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2267	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2269	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2270	G2	29	601	119	4	349	125	36	71	1	0	3	14	10	22	0	1	27	19	0
2271	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2272	G2	29	601	119	4	349	125	36	71	1	0	3	14	10	22	0	1	27	19	0
2273	G2	43	344	68	2	194	70	20	40	1	0	2	8	6	12	0	1	15	10	0
2274	G1	36	1100	288	4	363	130	120	236	8	1	8	33	23	50	2	22	51	62	0
2275	G1	80	280	73	1	64	23	21	42	5	0	2	8	6	13	1	15	13	11	0
2276	G1	80	90	24	1	106	38	35	69	15	0	1	3	2	4	3	41	4	18	0
2277	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2279	G1	80	321	84	1	130	47	43	85	9	0	2	9	7	14	2	26	15	22	0
2280	G2	40	186	37	0	36	13	4	7	37	0	1	4	3	7	3	36	8	2	0
2281	G1	46	60	16	0	33	12	11	21	4	0	0	2	1	3	1	11	3	6	0
2286	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2287	G2	29	601	119	4	349	125	36	71	1	0	3	14	10	22	0	1	27	19	0
2290	G1	54	894	178	3	247	89	26	51	60	1	5	21	15	32	4	58	39	13	0
2292	G1	43	41	11	1	66	24	22	43	4	0	0	1	1	2	1	11	2	11	0
2293	G1	57	906	180	2	158	57	16	32	72	1	5	22	15	33	5	70	40	8	0
2294	G2	49	67	13	0	2	1	0	0	1	0	0	2	1	2	0	1	3	0	0
2295	G1	43	41	11	1	65	24	22	43	4	0	0	1	1	2	1	11	2	11	0
2296	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2297	G1	80	321	84	1	130	47	43	85	9	0	2	9	7	14	2	26	15	22	0
2298	G1	80	321	84	1	130	47	43	85	9	0	2	9	7	14	2	26	15	22	0
2299	G2	50	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	G2	49	20	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2301	G2	50	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2302	G1	48	60	16	0	33	12	11	21	4	0	0	2	1	3	1	11	3	6	0
2303	G2	50	16	3	0	9	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2304	G2	49	20	4	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2306	G1	54	892	177	3	246	88	26	50	60	1	5	21	15	32	4	58	39	13	0
2307	G2	50	9	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2308	G1	57	906	180	2	158	57	16	32	72	1	5	22	15	33	5	70	40	8	0
2309	G2	45	104	21	1	61	22	6	12	0	0	1	2	2	4	0	0	5	3	0
2310	G2	43	326	65	2	190	68	20	39	0	0	2	8	5	12	0	0	14	10	0
2311	G2	50	16	3	0	9	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2312	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2313	G2	48	39	8	0	23	8	2	5	0	0	0	1	1	1	0	0	2	1	0
2314	G2	43	257	51	2	150	54	16	31	0	0	1	6	4	9	0	0	11	8	0
2315	G2	43	326	65	2	190	68	20	39	0	0	2	8	5	12	0	0	14	10	0
2316	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2317	G2	15	858	171	5	499	179	52	102	1	1	5	20	14	31	0	1	38	27	0
2318	G1	57	906	180	2	158	57	16	32	72	1	5	22	15	33	5	70	40	8	0
2319	G1	30	253	50	0	28	10	3	6	17	0	1	6	4	9	1	17	11	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2320	G1	67	653	130	1	130	47	14	27	15	0	3	16	11	24	1	14	29	7	0
2321	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2322	G1	64	892	177	3	246	88	26	50	60	1	5	21	15	32	4	58	39	13	0
2323	G2	44	214	43	1	125	45	13	25	0	0	1	5	4	8	0	0	9	7	0
2324	G2	47	65	13	0	38	14	4	8	0	0	0	2	1	2	0	0	3	2	0
2325	G2	48	130	26	1	76	27	8	16	0	0	1	3	2	5	0	0	6	4	0
2326	G2	15	1072	213	7	623	224	65	127	1	1	6	26	18	39	0	1	47	33	0
2327	G2	45	261	52	2	152	55	16	31	0	0	1	6	4	9	0	0	12	8	0
2328	G2	48	130	26	1	76	27	8	16	0	0	1	3	2	5	0	0	6	4	0
2329	G1	43	41	11	1	66	24	22	43	4	0	0	1	1	2	1	11	2	11	0
2330	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2331	G1	30	253	50	0	28	10	3	6	17	0	1	6	4	9	1	17	11	1	0
2332	G1	45	146	38	1	74	27	25	48	4	0	1	4	3	7	1	11	7	13	0
2333	G1	30	93	18	1	52	19	5	11	22	0	0	2	2	3	2	22	4	3	0
2334	G1	65	799	159	2	194	70	20	40	37	1	4	19	13	29	3	36	35	10	0
2335	G2	49	65	13	0	38	14	4	8	0	0	0	2	1	2	0	0	3	2	0
2336	G2	47	65	13	0	38	14	4	8	0	0	0	2	1	2	0	0	3	2	0
2337	G2	48	39	8	0	23	8	2	5	0	0	0	1	1	1	0	0	2	1	0
2340	G1	80	1165	305	3	284	102	94	185	21	1	8	34	24	52	4	57	54	48	0
2343	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2344	G2	49	26	5	0	15	5	2	3	0	0	0	1	0	1	0	0	1	1	0
2345	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2346	G1	30	313	62	0	24	8	2	5	22	0	2	7	5	11	2	21	14	1	0
2347	G1	27	909	181	4	366	131	38	75	49	1	5	22	15	33	4	47	40	20	0
2349	G1	28	370	74	2	157	57	16	32	42	0	2	9	6	13	3	41	16	8	0
2350	G1	24	385	77	2	216	78	22	44	16	0	2	9	6	14	1	16	17	12	0
2351	G1	28	371	74	1	129	46	13	26	20	0	2	9	6	13	1	19	16	7	0
2352	G1	28	538	107	2	236	85	25	48	21	0	3	13	9	20	2	21	24	13	0
2353	G1	26	693	138	2	193	69	20	39	20	0	4	16	11	25	1	19	31	10	0
2356	G1	79	1483	388	4	339	122	112	220	23	1	11	44	30	67	5	63	69	58	0
2357	G1	30	313	62	0	24	8	2	5	22	0	2	7	5	11	2	21	14	1	0
2358	G1	24	385	77	2	216	78	22	44	16	0	2	9	6	14	1	16	17	12	0
2359	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2360	G1	25	933	185	6	583	210	61	119	21	1	5	22	15	34	2	21	41	31	0
2361	G2	47	39	8	0	17	6	2	4	0	0	0	1	1	1	0	0	2	1	0
2362	G1	79	385	77	2	216	78	22	44	16	0	2	9	6	14	1	16	17	12	0
2363	G1	79	385	77	2	216	78	22	44	16	0	2	9	6	14	1	16	17	12	0
2364	G1	80	807	211	2	150	54	50	98	13	1	6	24	17	36	3	37	38	26	0
2366	G1	26	476	95	4	353	127	37	72	2	0	3	11	8	17	0	2	21	19	0
2367	G1	25	1014	202	6	589	212	61	120	23	1	5	24	17	37	2	23	45	32	0
2368	G1	28	659	131	3	314	113	33	64	16	0	3	16	11	24	1	16	29	17	0
2369	G1	25	933	185	6	583	210	61	119	21	1	5	22	15	34	2	21	41	31	0
2370	G1	65	799	159	2	194	70	20	40	37	1	4	19	13	29	3	36	35	10	0
2371	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2372	G1	30	313	62	0	24	8	2	5	22	0	2	7	5	11	2	21	14	1	0
2373	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2374	G1	28	434	86	2	144	52	15	30	21	0	2	10	7	16	2	20	19	8	0
2375	G1	80	871	228	2	145	52	48	94	15	1	6	26	18	39	3	43	41	25	0
2376	G1	28	659	131	3	314	113	33	64	16	0	3	16	11	24	1	16	29	17	0
2377	G1	26	472	94	4	339	122	35	69	1	0	3	11	8	17	0	1	21	18	0
2378	G1	28	375	74	1	143	51	15	29	21	0	2	9	6	14	2	20	17	8	0
2379	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2380	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2381	G1	26	693	138	2	193	69	20	39	20	0	4	16	11	25	1	19	31	10	0
2382	G1	65	799	159	2	194	70	20	40	37	1	4	19	13	29	3	36	35	10	0
2383	G1	80	807	211	2	150	54	50	98	13	1	6	24	17	36	3	37	38	26	0
2384	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2385	G1	29	400	79	1	55	20	6	11	1	0	2	10	7	14	0	1	18	3	0
2386	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2388	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2389	G1	31	72	14	0	15	5	2	3	30	0	0	2	1	3	2	29	3	1	0
2390	G2	50	13	3	0	8	3	1	2	0	0	0	0	0	0	0	0	1	0	0
2391	G2	50	13	3	0	8	3	1	2	0	0	0	0	0	0	0	0	1	0	0
2393	G2	50	10	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2394	G1	27	669	133	3	315	113	33	64	16	0	4	16	11	24	1	16	30	17	0
2395	G2	47	39	8	0	17	6	2	4	0	0	0	1	1	1	0	0	2	1	0
2396	G1	27	669	133	3	315	113	33	64	16	0	4	16	11	24	1	16	30	17	0
2397	G1	31	72	14	0	15	5	2	3	30	0	0	2	1	3	2	29	3	1	0
2398	G1	26	684	136	2	195	70	20	40	26	0	4	16	11	25	2	25	30	10	0
2399	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2400	G2	47	30	6	0	16	6	2	3	0	0	0	1	0	1	0	0	1	1	0
2401	G1	27	655	130	2	179	64	19	37	26	0	3	16	11	24	2	25	29	10	0
2402	G2	47	30	6	0	16	6	2	3	0	0	0	1	0	1	0	0	1	1	0
2408	G2	50	13	3	0	8	3	1	2	0	0	0	0	0	0	0	0	1	0	0
2415	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
5010	G1	80	213	56	2	150	54	50	98	3	0	2	6	4	10	1	9	10	26	0
5012	G1	70	375	98	1	143	52	47	93	5	0	3	11	8	17	1	14	17	24	0
5013	G1	35	879	230	2	196	71	65	128	8	1	6	26	18	40	2	22	41	33	0
5014	G1	70	375	98	1	143	52	47	93	5	0	3	11	8	17	1	14	17	24	0
5016	G1	49	33	9	0	8	3	3	5	0	0	0	1	1	1	0	0	2	1	0
5017	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
5018	G1	80	498	130	2	215	77	71	140	6	0	4	15	10	22	1	17	23	37	0
5019	G1	80	992	260	2	192	69	64	125	7	1	7	29	20	45	1	20	46	33	0
5020	G1	45	87	23	0	42	15	14	27	0	0	1	3	2	4	0	0	4	7	0
5022	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
7004	G1	70	1100	288	4	363	130	120	236	8	1	8	33	23	50	2	22	51	62	0
7005	G1	70	1367	358	4	336	121	111	218	12	1	10	40	28	62	3	34	64	57	0
7006	G1	80	1250	327	4	392	141	130	255	12	1	9	37	26	56	3	34	58	67	0
7007	G1	48	60	16	0	33	12	11	21	4	0	0	2	1	3	1	11	3	6	0
7242	G1	41	426	111	1	72	26	24	47	5	0	3	13	9	19	1	15	20	12	0
7243	G1	49	74	19	0	8	3	3	5	8	0	1	2	2	3	2	21	3	1	0
7244	G2	35	860	171	3	289	104	30	59	0	1	5	20	14	31	0	0	38	15	0
7500	G2	22	296	59	1	68	24	7	14	0	0	2	7	5	11	0	0	13	4	0
7501	G2	25	69	14	0	18	6	2	4	0	0	0	2	1	3	0	0	3	1	0
7505	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7506	G2	26	51	10	0	12	4	1	3	0	0	0	1	1	2	0	0	2	1	0
7507	G2	26	54	11	0	14	5	1	3	0	0	0	1	1	2	0	0	2	1	0
7519	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7520	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7521	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8001	G1	34	567	148	1	76	27	25	49	3	1	4	17	12	26	1	8	26	13	0
8002	G1	36	312	82	1	121	43	40	79	5	0	2	9	6	14	1	14	15	21	0
8402	G1	56	955	190	2	178	64	18	36	58	1	5	23	16	35	4	56	42	10	0
9002	G1	80	642	128	3	241	86	25	49	29	0	3	15	11	23	2	29	28	13	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
9009	G2	24	146	29	0	29	10	3	6	15	0	1	3	2	5	1	14	6	2	0
9010	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9011	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9024	G2	46	207	41	1	129	46	13	26	1	0	1	5	3	8	0	1	9	7	0
9025	G2	43	344	68	2	194	70	20	40	1	0	2	8	6	12	0	1	15	10	0
9026	G2	43	326	65	2	190	68	20	39	0	0	2	8	5	12	0	0	14	10	0
9028	G2	48	91	18	0	28	10	3	6	4	0	0	2	2	3	0	4	4	1	0
9029	G2	48	42	8	0	39	14	4	8	0	0	0	1	1	2	0	0	2	2	0
21881	G2	22	278	55	1	57	21	6	12	15	0	1	7	5	10	1	14	12	3	0
21882	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
21931	G1	65	894	178	3	247	89	26	51	60	1	5	21	15	32	4	58	39	13	0
21932	G1	66	765	152	2	157	56	16	32	54	1	4	18	13	28	4	53	34	8	0
22321	G2	49	21	4	0	12	4	1	2	0	0	0	0	0	1	0	0	1	1	0
22322	G2	49	21	4	0	12	4	1	2	0	0	0	0	0	1	0	0	1	1	0
22341	G1	80	1124	294	2	218	78	72	142	17	1	8	33	23	51	4	46	52	37	0
22342	G1	79	1436	376	4	339	122	112	221	22	1	10	42	29	65	5	60	67	58	0
90271	G2	50	37	7	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
90272	G1	60	864	172	2	150	54	16	31	54	1	5	21	14	31	4	52	38	8	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 2c

Peak Traffic Flow
(Lam Tei Area, Year 2041)

Peak Traffic Flow in Year 2041 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
1001	G1	40	485	127	1	123	44	41	80	5	0	3	14	10	22	1	14	23	21	0
1002	G1	66	1338	350	2	239	86	79	155	7	1	10	40	27	60	1	20	62	41	0
1003	G1	76	1184	310	2	236	85	78	153	9	1	8	35	24	53	2	24	55	40	0
1004	G1	48	76	20	0	0	0	0	0	0	0	1	2	2	3	0	0	4	0	0
1005	G1	38	756	198	1	121	44	40	79	3	1	5	22	16	34	1	8	35	21	0
1006	G1	70	639	167	2	154	55	51	100	5	1	5	19	13	29	1	14	30	26	0
1007	G1	77	1669	437	4	359	129	119	233	14	2	12	49	34	75	3	38	78	61	0
1008	G1	47	47	12	0	32	12	11	21	0	0	0	1	1	2	0	0	2	5	0
1009	G1	71	2053	538	4	393	141	130	255	12	2	15	61	42	92	3	34	96	67	0
1010	G1	73	1716	449	4	391	140	129	254	14	2	12	51	35	77	3	38	80	67	0
2001	G1	73	1988	521	5	443	159	147	288	27	2	14	59	41	90	6	74	93	76	0
2002	G1	74	1759	460	5	477	171	158	310	22	2	13	52	36	79	5	59	82	81	0
2012	G1	77	2196	575	5	459	165	152	298	36	2	16	65	45	99	7	98	102	78	0
2033	G1	69	3319	869	6	602	216	199	392	32	3	24	98	68	149	7	89	155	103	0
2064	G1	54	1100	219	2	148	53	15	30	58	1	6	26	18	40	4	56	49	8	0
2189	G1	55	1398	278	5	451	162	47	92	45	1	7	33	23	51	3	44	62	24	0
2207	G1	54	1100	219	2	148	53	15	30	58	1	6	26	18	40	4	56	49	8	0
2208	G1	54	862	171	3	264	95	27	54	60	1	5	21	14	31	4	58	38	14	0
2209	G2	50	15	3	0	4	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2212	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2213	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2214	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2217	G2	45	102	20	1	54	19	6	11	0	0	1	2	2	4	0	0	4	3	0
2218	G2	45	102	20	1	54	19	6	11	0	0	1	2	2	4	0	0	4	3	0
2219	G1	80	1629	427	4	385	138	127	250	22	1	12	48	33	73	5	60	76	66	0
2220	G1	79	1625	426	3	278	100	92	181	19	1	12	48	33	73	4	52	76	47	0
2221	G2	49	57	11	0	12	4	1	3	0	0	0	1	1	2	0	0	3	1	0
2222	G2	45	102	20	1	54	19	6	11	0	0	1	2	2	4	0	0	4	3	0
2223	G1	78	1694	443	3	324	116	107	211	13	2	12	50	35	76	3	37	79	55	0
2224	G2	48	130	26	1	54	19	6	11	0	0	1	3	2	5	0	0	6	3	0
2228	G1	78	1694	443	3	324	116	107	211	13	2	12	50	35	76	3	37	79	55	0
2230	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2231	G1	25	147	29	0	48	17	5	10	0	0	1	3	2	5	0	0	6	3	0
2233	G1	80	168	44	0	19	7	6	12	11	0	1	5	3	8	2	30	8	3	0
2238	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2239	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2240	G2	25	169	34	1	59	21	6	12	0	0	1	4	3	6	0	0	7	3	0
2241	G2	49	21	4	0	11	4	1	2	0	0	0	1	0	1	0	0	1	1	0
2242	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2243	G2	46	213	42	1	89	32	9	18	0	0	1	5	4	8	0	0	9	5	0
2244	G2	49	83	17	0	35	12	4	7	0	0	0	2	1	3	0	0	4	2	0
2247	G2	21	415	83	2	173	62	18	35	1	0	2	10	7	15	0	1	18	9	0
2248	G2	18	628	125	3	262	94	27	54	1	0	3	15	10	23	0	1	28	14	0
2249	G2	48	100	20	0	20	7	2	4	18	0	1	2	2	4	1	18	4	1	0
2250	G2	50	21	4	0	9	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2251	G2	25	120	24	1	99	36	10	20	1	0	1	3	2	4	0	1	5	5	0
2252	G2	34	331	66	1	70	25	7	14	18	0	2	8	5	12	1	18	15	4	0
2253	G2	48	104	21	0	43	16	5	9	0	0	1	2	2	4	0	0	5	2	0
2254	G2	19	519	103	2	217	78	23	44	1	0	3	12	9	19	0	1	23	12	0
2255	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2256	G2	31	649	129	3	271	97	28	55	1	0	3	15	11	24	0	1	29	15	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2258	G2	42	415	83	2	187	67	19	38	9	0	2	10	7	15	1	9	18	10	0
2259	G1	58	985	196	1	111	40	12	23	70	1	5	23	16	36	5	68	44	6	0
2260	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2261	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2262	G2	43	127	25	1	67	24	7	14	0	0	1	3	2	5	0	0	6	4	0
2263	G2	49	25	5	0	13	5	1	3	0	0	0	1	0	1	0	0	1	1	0
2265	G2	46	86	17	0	16	6	2	3	18	0	0	2	1	3	1	18	4	1	0
2266	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2267	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2269	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2270	G2	31	649	129	3	271	97	28	55	1	0	3	15	11	24	0	1	29	15	0
2271	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2272	G2	31	649	129	3	271	97	28	55	1	0	3	15	11	24	0	1	29	15	0
2273	G2	42	417	83	2	186	67	19	38	1	0	2	10	7	15	0	1	18	10	0
2274	G1	36	1395	365	3	275	99	91	179	8	1	10	41	29	63	2	22	65	47	0
2275	G1	80	299	78	1	49	17	16	32	5	0	2	9	6	13	1	15	14	8	0
2276	G1	80	297	78	1	54	19	18	35	15	0	2	9	6	13	3	41	14	9	0
2277	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2279	G1	80	307	80	1	88	32	29	57	9	0	2	9	6	14	2	26	14	15	0
2280	G2	40	186	37	0	36	13	4	7	37	0	1	4	3	7	3	36	8	2	0
2281	G1	44	128	34	0	35	13	12	23	4	0	1	4	3	6	1	11	6	6	0
2286	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2287	G2	31	649	129	3	271	97	28	55	1	0	3	15	11	24	0	1	29	15	0
2290	G1	53	862	171	3	269	97	28	55	60	1	5	21	14	31	4	58	38	14	0
2292	G1	44	84	22	0	40	14	13	26	4	0	1	2	2	4	1	11	4	7	0
2293	G1	54	1050	209	1	143	51	15	29	72	1	6	25	17	38	5	70	46	8	0
2294	G2	47	65	13	0	32	12	3	7	1	0	0	2	1	2	0	1	3	2	0
2295	G1	46	8	2	0	40	14	13	26	4	0	0	0	0	0	1	11	0	7	0
2296	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2297	G1	80	307	80	1	88	32	29	57	9	0	2	9	6	14	2	26	14	15	0
2298	G1	80	307	80	1	88	32	29	57	9	0	2	9	6	14	2	26	14	15	0
2299	G2	50	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	G2	49	24	5	0	13	5	1	3	0	0	0	1	0	1	0	0	1	1	0
2301	G2	50	5	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2302	G1	47	128	34	0	35	13	12	23	4	0	1	4	3	6	1	11	6	6	0
2303	G2	50	19	4	0	10	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2304	G2	49	24	5	0	13	5	1	3	0	0	0	1	0	1	0	0	1	1	0
2306	G1	53	861	171	3	269	97	28	55	60	1	5	20	14	31	4	58	38	14	0
2307	G2	49	41	8	0	9	3	1	2	0	0	0	1	1	1	0	0	2	0	0
2308	G1	54	1050	209	1	143	51	15	29	72	1	6	25	17	38	5	70	46	8	0
2309	G2	43	127	25	1	67	24	7	14	0	0	1	3	2	5	0	0	6	4	0
2310	G2	42	397	79	2	211	76	22	43	0	0	2	9	7	14	0	0	18	11	0
2311	G2	50	19	4	0	10	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2312	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2313	G2	48	48	9	0	25	9	3	5	0	0	0	1	1	2	0	0	2	1	0
2314	G2	44	278	55	1	116	42	12	24	0	0	1	7	5	10	0	0	12	6	0
2315	G2	42	397	79	2	211	76	22	43	0	0	2	9	7	14	0	0	18	11	0
2316	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2317	G2	16	927	184	4	387	139	40	79	1	1	5	22	15	34	0	1	41	21	0
2318	G1	53	1083	215	2	152	55	16	31	72	1	6	26	18	39	5	70	48	8	0
2319	G1	29	462	92	0	39	14	4	8	17	0	2	11	8	17	1	17	20	2	0
2320	G1	67	621	124	1	113	41	12	23	15	0	3	15	10	23	1	14	27	6	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2321	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2322	G1	64	861	171	3	269	97	28	55	60	1	5	20	14	31	4	58	38	14	0
2323	G2	45	232	46	1	97	35	10	20	0	0	1	6	4	8	0	0	10	5	0
2324	G2	46	79	16	0	42	15	4	9	0	0	0	2	1	3	0	0	4	2	0
2325	G2	47	159	32	1	84	30	9	17	0	0	1	4	3	6	0	0	7	5	0
2326	G2	18	1159	231	5	484	174	50	99	1	1	6	28	19	42	0	1	51	26	0
2327	G2	44	318	63	2	168	61	18	34	0	0	2	8	5	12	0	0	14	9	0
2328	G2	47	159	32	1	84	30	9	17	0	0	1	4	3	6	0	0	7	5	0
2329	G1	44	84	22	0	40	14	13	26	4	0	1	2	2	4	1	11	4	7	0
2330	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2331	G1	29	462	92	0	39	14	4	8	17	0	2	11	8	17	1	17	20	2	0
2332	G1	45	210	55	1	77	28	26	50	4	0	2	6	4	9	1	11	10	13	0
2333	G1	30	129	26	1	65	23	7	13	22	0	1	3	2	5	2	22	6	3	0
2334	G1	65	732	146	2	204	73	21	42	37	0	4	17	12	27	3	36	32	11	0
2335	G2	49	79	16	0	42	15	4	9	0	0	0	2	1	3	0	0	4	2	0
2336	G2	46	79	16	0	42	15	4	9	0	0	0	2	1	3	0	0	4	2	0
2337	G2	48	48	9	0	25	9	3	5	0	0	0	1	1	2	0	0	2	1	0
2340	G1	80	1299	340	3	279	100	92	181	21	1	9	38	27	58	4	57	61	47	0
2343	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2344	G2	49	32	6	0	17	6	2	3	0	0	0	1	1	1	0	0	1	1	0
2345	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2346	G1	29	402	80	0	19	7	2	4	22	0	2	10	7	15	2	21	18	1	0
2347	G1	27	1164	232	3	276	99	29	56	49	1	6	28	19	42	4	47	51	15	0
2349	G1	28	334	66	1	135	49	14	28	42	0	2	8	6	12	3	41	15	7	0
2350	G1	24	486	97	1	140	50	15	29	16	0	3	12	8	18	1	16	21	8	0
2351	G1	28	472	94	1	113	41	12	23	20	0	3	11	8	17	1	19	21	6	0
2352	G1	28	693	138	2	163	58	17	33	21	0	4	16	11	25	2	21	31	9	0
2353	G1	26	748	149	2	172	62	18	35	20	1	4	18	12	27	1	19	33	9	0
2356	G1	76	1835	481	4	355	128	118	231	23	2	13	54	38	83	5	63	86	61	0
2357	G1	29	402	80	0	19	7	2	4	22	0	2	10	7	15	2	21	18	1	0
2358	G1	24	486	97	1	140	50	15	29	16	0	3	12	8	18	1	16	21	8	0
2359	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2360	G1	25	1071	213	5	518	186	54	106	21	1	6	25	18	39	2	21	47	28	0
2361	G2	46	41	8	0	21	7	2	4	0	0	0	1	1	1	0	0	2	1	0
2362	G1	80	486	97	1	140	50	15	29	16	0	3	12	8	18	1	16	21	8	0
2363	G1	80	486	97	1	140	50	15	29	16	0	3	12	8	18	1	16	21	8	0
2364	G1	80	847	222	2	192	69	64	125	13	1	6	25	17	38	3	37	39	33	0
2366	G1	26	457	91	4	361	130	38	74	2	0	2	11	8	17	0	2	20	19	0
2367	G1	25	1149	229	5	524	188	54	107	23	1	6	27	19	42	2	23	51	28	0
2368	G1	23	725	144	4	345	124	36	71	16	0	4	17	12	26	1	16	32	18	0
2369	G1	25	1071	213	5	518	186	54	106	21	1	6	25	18	39	2	21	47	28	0
2370	G1	65	732	146	2	204	73	21	42	37	0	4	17	12	27	3	36	32	11	0
2371	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2372	G1	29	402	80	0	19	7	2	4	22	0	2	10	7	15	2	21	18	1	0
2373	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2374	G1	28	533	106	1	122	44	13	25	21	0	3	13	9	19	2	20	24	7	0
2375	G1	79	1162	304	1	142	51	47	92	15	1	8	34	24	52	3	43	54	24	0
2376	G1	23	725	144	4	345	124	36	71	16	0	4	17	12	26	1	16	32	18	0
2377	G1	26	451	90	4	354	127	37	72	1	0	2	11	7	16	0	1	20	19	0
2378	G1	28	477	95	1	121	43	13	25	21	0	3	11	8	17	2	20	21	6	0
2379	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2380	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2381	G1	26	748	149	2	172	62	18	35	20	1	4	18	12	27	1	19	33	9	0
2382	G1	65	732	146	2	204	73	21	42	37	0	4	17	12	27	3	36	32	11	0
2383	G1	80	847	222	2	192	69	64	125	13	1	6	25	17	38	3	37	39	33	0
2384	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2385	G1	29	349	69	1	57	20	6	12	1	0	2	8	6	13	0	1	15	3	0
2386	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2388	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2389	G1	32	63	13	0	15	5	2	3	30	0	0	2	1	2	2	29	3	1	0
2390	G2	50	16	3	0	8	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2391	G2	50	16	3	0	8	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2393	G2	50	9	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2394	G1	22	734	146	4	346	124	36	71	16	0	4	17	12	27	1	16	32	19	0
2395	G2	46	41	8	0	21	7	2	4	0	0	0	1	1	1	0	0	2	1	0
2396	G1	22	734	146	4	346	124	36	71	16	0	4	17	12	27	1	16	32	19	0
2397	G1	32	63	13	0	15	5	2	3	30	0	0	2	1	2	2	29	3	1	0
2398	G1	25	865	172	3	244	88	25	50	26	1	5	21	14	31	2	25	38	13	0
2399	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2400	G2	47	32	6	0	20	7	2	4	0	0	0	1	1	1	0	0	1	1	0
2401	G1	25	833	166	2	225	81	23	46	26	1	4	20	14	30	2	25	37	12	0
2402	G2	47	32	6	0	20	7	2	4	0	0	0	1	1	1	0	0	1	1	0
2408	G2	50	16	3	0	8	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2415	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
5010	G1	80	268	70	2	153	55	51	100	3	0	2	8	5	12	1	9	12	26	0
5012	G1	70	353	93	2	151	54	50	98	5	0	3	10	7	16	1	14	16	26	0
5013	G1	36	814	213	2	201	72	67	131	8	1	6	24	17	37	2	22	38	34	0
5014	G1	70	353	93	2	151	54	50	98	5	0	3	10	7	16	1	14	16	26	0
5016	G1	49	35	9	0	10	4	3	7	0	0	0	1	1	2	0	0	2	2	0
5017	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
5018	G1	80	597	156	2	231	83	77	150	6	1	4	18	12	27	1	17	28	39	0
5019	G1	74	1415	370	2	239	86	79	155	7	1	10	42	29	64	1	20	66	41	0
5020	G1	45	82	21	0	42	15	14	28	0	0	1	2	2	4	0	0	4	7	0
5022	G1	48	76	20	0	0	0	0	0	0	0	1	2	2	3	0	0	4	0	0
7004	G1	70	1395	365	3	275	99	91	179	8	1	10	41	29	63	2	22	65	47	0
7005	G1	67	1692	443	4	389	140	129	253	12	2	12	50	35	76	3	34	79	66	0
7006	G1	78	1452	380	4	389	140	129	253	12	1	10	43	30	65	3	34	68	66	0
7007	G1	47	128	34	0	35	13	12	23	4	0	1	4	3	6	1	11	6	6	0
7242	G1	41	424	111	1	63	23	21	41	5	0	3	13	9	19	1	15	20	11	0
7243	G1	49	34	9	0	0	0	0	0	8	0	0	1	1	2	2	21	2	0	0
7244	G2	39	749	149	2	163	59	17	33	0	1	4	18	12	27	0	0	33	9	0
7500	G2	22	284	56	1	62	22	6	13	0	0	2	7	5	10	0	0	13	3	0
7501	G2	25	109	22	0	16	6	2	3	0	0	1	3	2	4	0	0	5	1	0
7505	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7506	G2	26	51	10	0	12	4	1	3	0	0	0	1	1	2	0	0	2	1	0
7507	G2	26	54	11	0	14	5	1	3	0	0	0	1	1	2	0	0	2	1	0
7519	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7520	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7521	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8001	G1	37	399	105	1	55	20	18	36	3	0	3	12	8	18	1	8	19	9	0
8002	G1	33	414	109	2	146	52	48	95	5	0	3	12	8	19	1	14	19	25	0
8402	G1	54	1100	219	2	148	53	15	30	58	1	6	26	18	40	4	56	49	8	0
9002	G1	80	611	121	1	120	43	12	24	29	0	3	15	10	22	2	29	27	6	0
9009	G2	24	146	29	0	29	10	3	6	15	0	1	3	2	5	1	14	6	2	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
9010	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9011	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9024	G2	46	215	43	1	140	50	15	29	1	0	1	5	4	8	0	1	9	7	0
9025	G2	41	422	84	2	215	77	22	44	1	0	2	10	7	15	0	1	19	11	0
9026	G2	42	393	78	2	182	65	19	37	0	0	2	9	6	14	0	0	17	10	0
9028	G2	48	113	22	0	6	2	1	1	4	0	1	3	2	4	0	4	5	0	0
9029	G2	47	87	17	0	41	15	4	8	0	0	0	2	1	3	0	0	4	2	0
21881	G2	22	278	55	1	57	21	6	12	15	0	1	7	5	10	1	14	12	3	0
21882	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
21931	G1	65	862	171	3	264	95	27	54	60	1	5	21	14	31	4	58	38	14	0
21932	G1	66	786	156	2	165	59	17	34	54	1	4	19	13	28	4	53	35	9	0
22321	G2	49	25	5	0	13	5	1	3	0	0	0	1	0	1	0	0	1	1	0
22322	G2	49	25	5	0	13	5	1	3	0	0	0	1	0	1	0	0	1	1	0
22341	G1	80	1214	318	2	239	86	79	155	17	1	9	36	25	55	4	46	57	41	0
22342	G1	77	1629	427	4	385	138	127	250	22	1	12	48	33	73	5	60	76	66	0
90271	G2	50	52	10	0	0	0	0	0	0	0	0	1	1	2	0	0	2	0	0
90272	G1	57	987	196	1	142	51	15	29	54	1	5	23	16	36	4	52	44	8	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 2d

Peak Traffic Flow
(Lam Tei Area, Year 2046)

Peak Traffic Flow in Year 2046 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
1001	G1	40	525	137	1	119	43	39	78	5	0	4	16	11	24	1	14	24	20	0
1002	G1	66	1101	288	3	285	102	94	185	7	1	8	33	23	50	1	20	51	49	0
1003	G1	76	1088	285	3	268	96	89	174	9	1	8	32	22	49	2	24	51	46	0
1004	G1	48	112	29	0	0	0	0	0	0	0	1	3	2	5	0	0	5	0	0
1005	G1	38	720	189	2	154	55	51	100	3	1	5	21	15	32	1	8	34	26	0
1006	G1	70	840	220	2	173	62	57	112	5	1	6	25	17	38	1	14	39	29	0
1007	G1	77	1612	422	4	387	139	128	252	14	1	12	48	33	73	3	38	75	66	0
1008	G1	46	53	14	0	37	13	12	24	0	0	0	2	1	2	0	0	2	6	0
1009	G1	69	2053	537	5	458	164	151	298	12	2	15	61	42	92	3	34	96	78	0
1010	G1	73	1665	436	4	424	152	140	276	14	2	12	49	34	75	3	38	78	72	0
2001	G1	72	1863	488	5	486	175	161	316	27	2	13	55	38	84	6	74	87	83	0
2002	G1	73	1708	447	6	531	191	176	345	22	2	12	51	35	77	5	59	80	90	0
2012	G1	76	2252	590	5	501	180	166	326	36	2	16	67	46	101	7	98	105	85	0
2033	G1	61	3388	887	7	683	245	226	444	32	3	24	100	69	153	7	89	158	116	0
2064	G1	54	1090	217	2	146	52	15	30	58	1	6	26	18	39	4	56	48	8	0
2189	G1	51	1438	286	6	530	190	55	108	45	1	8	34	24	52	3	44	63	28	0
2207	G1	54	1090	217	2	146	52	15	30	58	1	6	26	18	39	4	56	48	8	0
2208	G1	54	826	164	3	279	100	29	57	60	1	4	20	14	30	4	58	36	15	0
2209	G2	50	15	3	0	4	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2212	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2213	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2214	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2217	G2	44	99	20	1	69	25	7	14	0	0	1	2	2	4	0	0	4	4	0
2218	G2	44	99	20	1	69	25	7	14	0	0	1	2	2	4	0	0	4	4	0
2219	G1	80	1613	422	4	420	151	139	274	22	1	12	48	33	73	5	60	75	72	0
2220	G1	79	1527	400	3	309	111	102	201	19	1	11	45	31	69	4	52	71	53	0
2221	G2	48	60	12	0	12	4	1	2	0	0	0	1	1	2	0	0	3	1	0
2222	G2	44	99	20	1	69	25	7	14	0	0	1	2	2	4	0	0	4	4	0
2223	G1	76	1861	487	4	373	134	124	243	13	2	13	55	38	84	3	37	87	64	0
2224	G2	48	123	25	1	58	21	6	12	0	0	1	3	2	4	0	0	5	3	0
2228	G1	76	1861	487	4	373	134	124	243	13	2	13	55	38	84	3	37	87	64	0
2230	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2231	G1	25	161	32	0	46	16	5	9	0	0	1	4	3	6	0	0	7	2	0
2233	G1	80	142	37	0	19	7	6	12	11	0	1	4	3	6	2	30	7	3	0
2238	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2239	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2240	G2	25	182	36	1	60	22	6	12	0	0	1	4	3	7	0	0	8	3	0
2241	G2	49	21	4	0	14	5	2	3	0	0	0	0	0	1	0	0	1	1	0
2242	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2243	G2	46	202	40	1	95	34	10	19	0	0	1	5	3	7	0	0	9	5	0
2244	G2	49	79	16	0	37	13	4	8	0	0	0	2	1	3	0	0	3	2	0
2247	G2	21	395	79	2	185	66	19	38	1	0	2	9	7	14	0	1	17	10	0
2248	G2	18	597	119	3	280	101	29	57	1	0	3	14	10	22	0	1	26	15	0
2249	G2	48	100	20	0	20	7	2	4	18	0	1	2	2	4	1	18	4	1	0
2250	G2	50	20	4	0	9	3	1	2	0	0	0	0	0	1	0	0	1	0	0
2251	G2	24	172	34	1	123	44	13	25	1	0	1	4	3	6	0	1	8	7	0
2252	G2	34	331	66	1	70	25	7	14	18	0	2	8	5	12	1	18	15	4	0
2253	G2	48	99	20	0	46	17	5	9	0	0	1	2	2	4	0	0	4	2	0
2254	G2	19	494	98	2	231	83	24	47	1	0	3	12	8	18	0	1	22	12	0
2255	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2256	G2	31	617	123	3	289	104	30	59	1	0	3	15	10	22	0	1	27	15	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2258	G2	41	390	78	2	218	78	23	45	9	0	2	9	6	14	1	9	17	12	0
2259	G1	57	1016	202	1	116	42	12	24	70	1	5	24	17	37	5	68	45	6	0
2260	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2261	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2262	G2	42	124	25	1	86	31	9	18	0	0	1	3	2	4	0	0	5	5	0
2263	G2	49	25	5	0	17	6	2	4	0	0	0	1	0	1	0	0	1	1	0
2265	G2	46	86	17	0	16	6	2	3	18	0	0	2	1	3	1	18	4	1	0
2266	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2267	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2269	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2270	G2	31	617	123	3	289	104	30	59	1	0	3	15	10	22	0	1	27	15	0
2271	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2272	G2	31	617	123	3	289	104	30	59	1	0	3	15	10	22	0	1	27	15	0
2273	G2	41	393	78	2	216	78	22	44	1	0	2	9	6	14	0	1	17	12	0
2274	G1	34	1560	408	3	327	117	108	213	8	1	11	46	32	70	2	22	73	56	0
2275	G1	80	301	79	0	47	17	15	30	5	0	2	9	6	14	1	15	14	8	0
2276	G1	80	295	77	1	62	22	20	40	15	0	2	9	6	13	3	41	14	11	0
2277	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2279	G1	80	314	82	1	95	34	31	62	9	0	2	9	6	14	2	26	15	16	0
2280	G2	40	186	37	0	36	13	4	7	37	0	1	4	3	7	3	36	8	2	0
2281	G1	42	153	40	0	43	15	14	28	4	0	1	5	3	7	1	11	7	7	0
2286	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2287	G2	31	617	123	3	289	104	30	59	1	0	3	15	10	22	0	1	27	15	0
2290	G1	54	826	164	3	279	100	29	57	60	1	4	20	14	30	4	58	36	15	0
2292	G1	43	125	33	1	48	17	16	31	4	0	1	4	3	6	1	11	6	8	0
2293	G1	51	1096	218	2	179	64	19	37	72	1	6	26	18	40	5	70	48	10	0
2294	G2	45	80	16	1	63	23	7	13	1	0	0	2	1	3	0	1	4	3	0
2295	G1	46	13	3	0	48	17	16	31	4	0	0	0	0	1	1	11	1	8	0
2296	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2297	G1	80	314	82	1	95	34	31	62	9	0	2	9	6	14	2	26	15	16	0
2298	G1	80	314	82	1	95	34	31	62	9	0	2	9	6	14	2	26	15	16	0
2299	G2	50	8	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	G2	49	23	5	0	16	6	2	3	0	0	0	1	0	1	0	0	1	1	0
2301	G2	50	5	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2302	G1	47	153	40	0	43	15	14	28	4	0	1	5	3	7	1	11	7	7	0
2303	G2	49	19	4	0	13	5	1	3	0	0	0	0	0	1	0	0	1	1	0
2304	G2	49	23	5	0	16	6	2	3	0	0	0	1	0	1	0	0	1	1	0
2306	G1	54	825	164	3	279	100	29	57	60	1	4	20	14	30	4	58	36	15	0
2307	G2	49	41	8	0	9	3	1	2	0	0	0	1	1	1	0	0	2	0	0
2308	G1	51	1096	218	2	179	64	19	37	72	1	6	26	18	40	5	70	48	10	0
2309	G2	42	124	25	1	86	31	9	18	0	0	1	3	2	4	0	0	5	5	0
2310	G2	40	387	77	3	268	96	28	55	0	0	2	9	6	14	0	0	17	14	0
2311	G2	49	19	4	0	13	5	1	3	0	0	0	0	0	1	0	0	1	1	0
2312	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2313	G2	48	46	9	0	32	12	3	7	0	0	0	1	1	2	0	0	2	2	0
2314	G2	44	264	53	1	124	45	13	25	0	0	1	6	4	10	0	0	12	7	0
2315	G2	40	387	77	3	268	96	28	55	0	0	2	9	6	14	0	0	17	14	0
2316	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2317	G2	15	882	175	4	413	148	43	84	1	1	5	21	15	32	0	1	39	22	0
2318	G1	50	1128	224	2	188	67	20	38	72	1	6	27	19	41	5	70	50	10	0
2319	G1	28	533	106	1	61	22	6	12	17	0	3	13	9	19	1	17	24	3	0
2320	G1	67	595	118	1	127	46	13	26	15	0	3	14	10	22	1	14	26	7	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2321	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2322	G1	64	825	164	3	279	100	29	57	60	1	4	20	14	30	4	58	36	15	0
2323	G2	45	220	44	1	103	37	11	21	0	0	1	5	4	8	0	0	10	6	0
2324	G2	46	77	15	1	54	19	6	11	0	0	0	2	1	3	0	0	3	3	0
2325	G2	47	155	31	1	107	39	11	22	0	0	1	4	3	6	0	0	7	6	0
2326	G2	18	1102	219	5	517	185	54	106	1	1	6	26	18	40	0	1	49	28	0
2327	G2	43	310	62	2	215	77	22	44	0	0	2	7	5	11	0	0	14	12	0
2328	G2	47	155	31	1	107	39	11	22	0	0	1	4	3	6	0	0	7	6	0
2329	G1	43	125	33	1	48	17	16	31	4	0	1	4	3	6	1	11	6	8	0
2330	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2331	G1	28	533	106	1	61	22	6	12	17	0	3	13	9	19	1	17	24	3	0
2332	G1	44	242	63	1	92	33	30	60	4	0	2	7	5	11	1	11	11	16	0
2333	G1	30	124	25	1	69	25	7	14	22	0	1	3	2	4	2	22	5	4	0
2334	G1	65	701	139	2	209	75	22	43	37	0	4	17	12	25	3	36	31	11	0
2335	G2	49	77	15	1	54	19	6	11	0	0	0	2	1	3	0	0	3	3	0
2336	G2	46	77	15	1	54	19	6	11	0	0	0	2	1	3	0	0	3	3	0
2337	G2	48	46	9	0	32	12	3	7	0	0	0	1	1	2	0	0	2	2	0
2340	G1	80	1336	350	3	328	118	108	213	21	1	10	40	27	60	4	57	62	56	0
2343	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2344	G2	49	31	6	0	21	8	2	4	0	0	0	1	1	1	0	0	1	1	0
2345	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2346	G1	29	465	92	0	21	7	2	4	22	0	2	11	8	17	2	21	21	1	0
2347	G1	27	1184	235	3	314	113	33	64	49	1	6	28	20	43	4	47	52	17	0
2349	G1	28	317	63	1	135	48	14	27	42	0	2	8	5	12	3	41	14	7	0
2350	G1	23	541	107	2	201	72	21	41	16	0	3	13	9	20	1	16	24	11	0
2351	G1	28	453	90	1	110	39	11	22	20	0	2	11	7	16	1	19	20	6	0
2352	G1	28	731	145	2	205	74	21	42	21	0	4	17	12	27	2	21	32	11	0
2353	G1	26	746	148	2	173	62	18	35	20	1	4	18	12	27	1	19	33	9	0
2356	G1	75	1768	463	4	401	144	133	261	23	2	13	52	36	80	5	63	82	68	0
2357	G1	29	465	92	0	21	7	2	4	22	0	2	11	8	17	2	21	21	1	0
2358	G1	23	541	107	2	201	72	21	41	16	0	3	13	9	20	1	16	24	11	0
2359	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2360	G1	25	1028	204	7	623	224	65	127	21	1	5	24	17	37	2	21	45	33	0
2361	G2	46	41	8	0	23	8	2	5	0	0	0	1	1	1	0	0	2	1	0
2362	G1	76	541	107	2	201	72	21	41	16	0	3	13	9	20	1	16	24	11	0
2363	G1	76	541	107	2	201	72	21	41	16	0	3	13	9	20	1	16	24	11	0
2364	G1	80	834	218	2	204	73	67	133	13	1	6	25	17	38	3	37	39	35	0
2366	G1	26	372	74	4	425	152	44	87	2	0	2	9	6	13	0	2	16	23	0
2367	G1	25	1103	219	7	629	226	65	129	23	1	6	26	18	40	2	23	49	34	0
2368	G1	24	651	129	4	367	132	38	75	16	0	3	15	11	24	1	16	29	20	0
2369	G1	25	1028	204	7	623	224	65	127	21	1	5	24	17	37	2	21	45	33	0
2370	G1	65	701	139	2	209	75	22	43	37	0	4	17	12	25	3	36	31	11	0
2371	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2372	G1	29	465	92	0	21	7	2	4	22	0	2	11	8	17	2	21	21	1	0
2373	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2374	G1	28	523	104	1	119	43	12	24	21	0	3	12	9	19	2	20	23	6	0
2375	G1	78	1164	305	2	174	63	58	113	15	1	8	34	24	52	3	43	54	30	0
2376	G1	24	651	129	4	367	132	38	75	16	0	3	15	11	24	1	16	29	20	0
2377	G1	26	358	71	4	416	150	43	85	1	0	2	9	6	13	0	1	16	22	0
2378	G1	28	467	93	1	118	42	12	24	21	0	2	11	8	17	2	20	21	6	0
2379	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2380	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2381	G1	26	746	148	2	173	62	18	35	20	1	4	18	12	27	1	19	33	9	0
2382	G1	65	701	139	2	209	75	22	43	37	0	4	17	12	25	3	36	31	11	0
2383	G1	80	834	218	2	204	73	67	133	13	1	6	25	17	38	3	37	39	35	0
2384	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2385	G1	29	355	71	1	61	22	6	12	1	0	2	8	6	13	0	1	16	3	0
2386	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2388	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2389	G1	33	43	9	0	15	5	2	3	30	0	0	1	1	2	2	29	2	1	0
2390	G2	50	15	3	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2391	G2	50	15	3	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2393	G2	50	9	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2394	G1	23	659	131	4	369	132	38	75	16	0	4	16	11	24	1	16	29	20	0
2395	G2	46	41	8	0	23	8	2	5	0	0	0	1	1	1	0	0	2	1	0
2396	G1	23	659	131	4	369	132	38	75	16	0	4	16	11	24	1	16	29	20	0
2397	G1	33	43	9	0	15	5	2	3	30	0	0	1	1	2	2	29	2	1	0
2398	G1	25	850	169	3	270	97	28	55	26	1	5	20	14	31	2	25	38	14	0
2399	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2400	G2	47	33	7	0	22	8	2	5	0	0	0	1	1	1	0	0	1	1	0
2401	G1	25	817	162	3	248	89	26	51	26	1	4	19	13	30	2	25	36	13	0
2402	G2	47	33	7	0	22	8	2	5	0	0	0	1	1	1	0	0	1	1	0
2408	G2	50	15	3	0	11	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2415	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
5010	G1	80	306	80	2	169	61	56	110	3	0	2	9	6	14	1	9	14	29	0
5012	G1	70	467	122	1	140	50	46	91	5	0	3	14	10	21	1	14	22	24	0
5013	G1	35	898	235	2	202	73	67	132	8	1	6	27	18	40	2	22	42	35	0
5014	G1	70	467	122	1	140	50	46	91	5	0	3	14	10	21	1	14	22	24	0
5016	G1	49	37	10	0	13	5	4	8	0	0	0	1	1	2	0	0	2	2	0
5017	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
5018	G1	80	680	178	3	252	90	83	164	6	1	5	20	14	31	1	17	32	43	0
5019	G1	74	1213	318	3	285	102	94	185	7	1	9	36	25	55	1	20	57	49	0
5020	G1	44	89	23	1	49	18	16	32	0	0	1	3	2	4	0	0	4	8	0
5022	G1	48	112	29	0	0	0	0	0	0	0	1	3	2	5	0	0	5	0	0
7004	G1	69	1560	408	3	327	117	108	213	8	1	11	46	32	70	2	22	73	56	0
7005	G1	67	1568	411	4	425	152	141	276	12	1	11	46	32	71	3	34	73	72	0
7006	G1	78	1394	365	5	436	157	144	284	12	1	10	41	29	63	3	34	65	74	0
7007	G1	47	153	40	0	43	15	14	28	4	0	1	5	3	7	1	11	7	7	0
7242	G1	43	330	86	1	60	22	20	39	5	0	2	10	7	15	1	15	15	10	0
7243	G1	49	37	10	0	0	0	0	0	8	0	0	1	1	2	2	21	2	0	0
7244	G2	39	769	153	2	157	57	16	32	0	1	4	18	13	28	0	0	34	8	0
7500	G2	22	298	59	1	58	21	6	12	0	0	2	7	5	11	0	0	13	3	0
7501	G2	25	110	22	0	13	5	1	3	0	0	1	3	2	4	0	0	5	1	0
7505	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7506	G2	26	51	10	0	12	4	1	3	0	0	0	1	1	2	0	0	2	1	0
7507	G2	26	54	11	0	14	5	1	3	0	0	0	1	1	2	0	0	2	1	0
7519	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7520	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7521	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8001	G1	36	496	130	1	61	22	20	40	3	0	4	15	10	22	1	8	23	10	0
8002	G1	33	402	105	1	141	51	47	92	5	0	3	12	8	18	1	14	19	24	0
8402	G1	54	1090	217	2	146	52	15	30	58	1	6	26	18	39	4	56	48	8	0
9002	G1	80	687	137	1	130	47	14	27	29	0	4	16	11	25	2	29	30	7	0
9009	G2	24	146	29	0	29	10	3	6	15	0	1	3	2	5	1	14	6	2	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
9010	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9011	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9024	G2	45	208	41	2	159	57	17	33	1	0	1	5	3	8	0	1	9	9	0
9025	G2	40	412	82	3	273	98	28	56	1	0	2	10	7	15	0	1	18	15	0
9026	G2	42	368	73	2	211	76	22	43	0	0	2	9	6	13	0	0	16	11	0
9028	G2	47	138	27	0	15	6	2	3	4	0	1	3	2	5	0	4	6	1	0
9029	G2	48	43	9	0	44	16	5	9	0	0	0	1	1	2	0	0	2	2	0
21881	G2	22	278	55	1	57	21	6	12	15	0	1	7	5	10	1	14	12	3	0
21882	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
21931	G1	65	826	164	3	279	100	29	57	60	1	4	20	14	30	4	58	36	15	0
21932	G1	66	712	142	2	163	59	17	33	54	0	4	17	12	26	4	53	31	9	0
22321	G2	48	25	5	0	17	6	2	4	0	0	0	1	0	1	0	0	1	1	0
22322	G2	48	25	5	0	17	6	2	4	0	0	0	1	0	1	0	0	1	1	0
22341	G1	80	1211	317	3	279	100	92	182	17	1	9	36	25	55	4	46	56	48	0
22342	G1	76	1613	422	4	420	151	139	274	22	1	12	48	33	73	5	60	75	72	0
90271	G2	50	52	10	0	0	0	0	0	0	0	0	1	1	2	0	0	2	0	0
90272	G1	59	952	189	1	130	47	14	27	54	1	5	23	16	35	4	52	42	7	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 2e

Peak Traffic Flow
(Lam Tei Area, Year 2048)

Peak Traffic Flow in Year 2048 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
1001	G1	39	565	148	1	135	48	45	88	5	1	4	17	12	25	1	14	26	23	0
1002	G1	64	1334	349	3	282	101	93	184	7	1	10	39	27	60	1	20	62	48	0
1003	G1	78	983	257	3	257	92	85	167	9	1	7	29	20	44	2	24	46	44	0
1004	G1	47	140	37	0	2	1	1	1	0	0	1	4	3	6	0	0	7	0	0
1005	G1	37	716	188	2	170	61	56	111	3	1	5	21	15	32	1	8	33	29	0
1006	G1	70	727	190	2	152	54	50	99	5	1	5	22	15	33	1	14	34	26	0
1007	G1	78	1548	405	4	392	141	130	255	14	1	11	46	32	70	3	38	72	67	0
1008	G1	44	112	29	0	42	15	14	27	0	0	1	3	2	5	0	0	5	7	0
1009	G1	67	2201	576	5	436	157	144	284	12	2	16	65	45	99	3	34	103	74	0
1010	G1	73	1660	435	5	434	156	143	282	14	2	12	49	34	75	3	38	77	74	0
2001	G1	72	1972	516	5	468	168	155	305	27	2	14	58	40	89	6	74	92	80	0
2002	G1	73	1605	420	6	550	198	182	358	22	1	11	47	33	72	5	59	75	94	0
2012	G1	76	2207	578	6	544	195	180	354	36	2	16	65	45	99	7	98	103	93	0
2033	G1	60	3334	873	7	710	255	235	462	32	3	24	99	68	150	7	89	155	121	0
2064	G1	55	1052	209	2	156	56	16	32	58	1	6	25	17	38	4	56	46	8	0
2189	G1	49	1431	284	6	589	212	61	120	45	1	8	34	24	52	3	44	63	32	0
2207	G1	55	1052	209	2	156	56	16	32	58	1	6	25	17	38	4	56	46	8	0
2208	G1	54	834	166	3	267	96	28	55	60	1	4	20	14	30	4	58	37	14	0
2209	G2	50	15	3	0	4	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2212	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2213	G2	50	29	6	0	7	3	1	1	0	0	0	1	0	1	0	0	1	0	0
2214	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2217	G2	44	100	20	1	74	27	8	15	0	0	1	2	2	4	0	0	4	4	0
2218	G2	44	100	20	1	74	27	8	15	0	0	1	2	2	4	0	0	4	4	0
2219	G1	80	1611	422	5	474	170	157	308	22	1	12	48	33	73	5	60	75	81	0
2220	G1	78	1592	417	4	364	131	120	237	19	1	11	47	33	72	4	52	74	62	0
2221	G2	49	53	11	0	13	5	1	3	0	0	0	1	1	2	0	0	2	1	0
2222	G2	44	100	20	1	74	27	8	15	0	0	1	2	2	4	0	0	4	4	0
2223	G1	78	1694	444	4	338	121	112	220	13	2	12	50	35	76	3	37	79	58	0
2224	G2	47	132	26	1	61	22	6	12	0	0	1	3	2	5	0	0	6	3	0
2228	G1	78	1694	444	4	338	121	112	220	13	2	12	50	35	76	3	37	79	58	0
2230	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2231	G1	25	152	30	0	46	17	5	9	0	0	1	4	3	5	0	0	7	2	0
2233	G1	80	111	29	0	18	7	6	12	11	0	1	3	2	5	2	30	5	3	0
2238	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2239	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2240	G2	25	173	34	1	62	22	6	13	0	0	1	4	3	6	0	0	8	3	0
2241	G2	49	21	4	0	16	6	2	3	0	0	0	1	0	1	0	0	1	1	0
2242	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2243	G2	45	217	43	1	100	36	10	20	0	0	1	5	4	8	0	0	10	5	0
2244	G2	49	85	17	0	39	14	4	8	0	0	0	2	1	3	0	0	4	2	0
2247	G2	21	423	84	2	194	70	20	40	1	0	2	10	7	15	0	1	19	10	0
2248	G2	18	639	127	3	294	105	31	60	1	0	3	15	11	23	0	1	28	16	0
2249	G2	48	100	20	0	20	7	2	4	18	0	1	2	2	4	1	18	4	1	0
2250	G2	50	21	4	0	10	3	1	2	0	0	0	1	0	1	0	0	1	1	0
2251	G2	24	143	29	2	148	53	15	30	1	0	1	3	2	5	0	1	6	8	0
2252	G2	34	331	66	1	70	25	7	14	18	0	2	8	5	12	1	18	15	4	0
2253	G2	48	106	21	1	49	17	5	10	0	0	1	3	2	4	0	0	5	3	0
2254	G2	19	528	105	3	243	87	25	50	1	0	3	13	9	19	0	1	23	13	0
2255	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2256	G2	30	660	131	3	303	109	32	62	1	0	4	16	11	24	0	1	29	16	0
2258	G2	40	397	79	2	237	85	25	48	9	0	2	9	7	14	1	9	18	13	0
2259	G1	55	1028	204	2	148	53	15	30	70	1	5	24	17	37	5	68	45	8	0
2260	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2261	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2262	G2	42	125	25	1	93	33	10	19	0	0	1	3	2	5	0	0	6	5	0
2263	G2	49	25	5	0	19	7	2	4	0	0	0	1	0	1	0	0	1	1	0
2265	G2	46	86	17	0	16	6	2	3	18	0	0	2	1	3	1	18	4	1	0
2266	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2267	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2269	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2270	G2	30	660	131	3	303	109	32	62	1	0	4	16	11	24	0	1	29	16	0
2271	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2272	G2	30	660	131	3	303	109	32	62	1	0	4	16	11	24	0	1	29	16	0
2273	G2	41	399	79	2	234	84	24	48	1	0	2	9	7	14	0	1	18	13	0
2274	G1	35	1443	378	3	322	116	106	209	8	1	10	43	30	65	2	22	67	55	0
2275	G1	80	251	66	0	16	6	5	11	5	0	2	7	5	11	1	15	12	3	0
2276	G1	80	199	52	1	48	17	16	31	15	0	1	6	4	9	3	41	9	8	0
2277	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2279	G1	80	261	68	1	67	24	22	43	9	0	2	8	5	12	2	26	12	11	0
2280	G2	40	186	37	0	36	13	4	7	37	0	1	4	3	7	3	36	8	2	0
2281	G1	45	87	23	0	30	11	10	19	4	0	1	3	2	4	1	11	4	5	0
2286	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2287	G2	30	660	131	3	303	109	32	62	1	0	4	16	11	24	0	1	29	16	0
2290	G1	54	834	166	3	267	96	28	55	60	1	4	20	14	30	4	58	37	14	0
2292	G1	42	151	39	1	52	19	17	34	4	0	1	4	3	7	1	11	7	9	0
2293	G1	49	1101	219	2	216	77	22	44	72	1	6	26	18	40	5	70	49	12	0
2294	G2	45	74	15	1	68	24	7	14	1	0	0	2	1	3	0	1	3	4	0
2295	G1	45	10	3	1	50	18	17	33	4	0	0	0	0	0	1	11	0	9	0
2296	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2297	G1	80	261	68	1	67	24	22	43	9	0	2	8	5	12	2	26	12	11	0
2298	G1	80	261	68	1	67	24	22	43	9	0	2	8	5	12	2	26	12	11	0
2299	G2	50	8	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	G2	49	23	5	0	17	6	2	4	0	0	0	1	0	1	0	0	1	1	0
2301	G2	50	5	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2302	G1	48	87	23	0	30	11	10	19	4	0	1	3	2	4	1	11	4	5	0
2303	G2	49	19	4	0	14	5	1	3	0	0	0	0	0	1	0	0	1	1	0
2304	G2	49	23	5	0	17	6	2	4	0	0	0	1	0	1	0	0	1	1	0
2306	G1	54	833	166	3	266	96	28	54	60	1	4	20	14	30	4	58	37	14	0
2307	G2	50	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2308	G1	49	1101	219	2	216	77	22	44	72	1	6	26	18	40	5	70	49	12	0
2309	G2	42	125	25	1	93	33	10	19	0	0	1	3	2	5	0	0	6	5	0
2310	G2	39	391	78	3	290	104	30	59	0	0	2	9	6	14	0	0	17	16	0
2311	G2	49	19	4	0	14	5	1	3	0	0	0	0	0	1	0	0	1	1	0
2312	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2313	G2	48	47	9	0	35	12	4	7	0	0	0	1	1	2	0	0	2	2	0
2314	G2	43	283	56	1	130	47	14	27	0	0	2	7	5	10	0	0	12	7	0
2315	G2	39	391	78	3	290	104	30	59	0	0	2	9	6	14	0	0	17	16	0
2316	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2317	G2	15	943	188	5	433	156	45	89	1	1	5	22	16	34	0	1	42	23	0
2318	G1	49	1101	219	2	216	77	22	44	72	1	6	26	18	40	5	70	49	12	0
2319	G1	28	514	102	1	74	27	8	15	17	0	3	12	8	19	1	17	23	4	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2320	G1	67	588	117	1	141	51	15	29	15	0	3	14	10	21	1	14	26	8	0
2321	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2322	G1	64	833	166	3	266	96	28	54	60	1	4	20	14	30	4	58	37	14	0
2323	G2	45	236	47	1	108	39	11	22	0	0	1	6	4	9	0	0	10	6	0
2324	G2	46	78	16	1	58	21	6	12	0	0	0	2	1	3	0	0	3	3	0
2325	G2	47	156	31	1	116	42	12	24	0	0	1	4	3	6	0	0	7	6	0
2326	G2	15	1179	234	6	542	195	56	111	1	1	6	28	19	43	0	1	52	29	0
2327	G2	42	313	62	2	232	83	24	47	0	0	2	7	5	11	0	0	14	12	0
2328	G2	47	156	31	1	116	42	12	24	0	0	1	4	3	6	0	0	7	6	0
2329	G1	42	151	39	1	52	19	17	34	4	0	1	4	3	7	1	11	7	9	0
2330	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2331	G1	28	514	102	1	74	27	8	15	17	0	3	12	8	19	1	17	23	4	0
2332	G1	44	241	63	1	86	31	28	56	4	0	2	7	5	11	1	11	11	15	0
2333	G1	30	127	25	1	59	21	6	12	22	0	1	3	2	5	2	22	6	3	0
2334	G1	65	706	140	2	207	74	22	42	37	0	4	17	12	26	3	36	31	11	0
2335	G2	49	78	16	1	58	21	6	12	0	0	0	2	1	3	0	0	3	3	0
2336	G2	46	78	16	1	58	21	6	12	0	0	0	2	1	3	0	0	3	3	0
2337	G2	48	47	9	0	35	12	4	7	0	0	0	1	1	2	0	0	2	2	0
2340	G1	79	1330	348	4	364	131	120	237	21	1	10	39	27	60	4	57	62	62	0
2343	G2	50	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2344	G2	49	31	6	0	23	8	2	5	0	0	0	1	1	1	0	0	1	1	0
2345	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2346	G1	29	416	83	0	21	7	2	4	22	0	2	10	7	15	2	21	18	1	0
2347	G1	27	1209	240	4	370	133	38	76	49	1	6	29	20	44	4	47	53	20	0
2349	G1	28	330	66	2	162	58	17	33	42	0	2	8	5	12	3	41	15	9	0
2350	G1	23	511	102	2	211	76	22	43	16	0	3	12	8	19	1	16	23	11	0
2351	G1	27	499	99	2	158	57	16	32	20	0	3	12	8	18	1	19	22	8	0
2352	G1	28	709	141	2	212	76	22	43	21	0	4	17	12	26	2	21	31	11	0
2353	G1	26	785	156	2	225	81	23	46	20	1	4	19	13	28	1	19	35	12	0
2356	G1	74	1834	480	5	450	162	149	293	23	2	13	54	38	83	5	63	86	77	0
2357	G1	29	416	83	0	21	7	2	4	22	0	2	10	7	15	2	21	18	1	0
2358	G1	23	511	102	2	211	76	22	43	16	0	3	12	8	19	1	16	23	11	0
2359	G2	50	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2360	G1	25	1037	206	7	642	230	67	131	21	1	6	25	17	38	2	21	46	34	0
2361	G2	46	42	8	0	25	9	3	5	0	0	0	1	1	2	0	0	2	1	0
2362	G1	77	511	102	2	211	76	22	43	16	0	3	12	8	19	1	16	23	11	0
2363	G1	77	511	102	2	211	76	22	43	16	0	3	12	8	19	1	16	23	11	0
2364	G1	80	854	224	2	233	84	77	152	13	1	6	25	18	38	3	37	40	40	0
2366	G1	26	385	77	5	432	155	45	88	2	0	2	9	6	14	0	2	17	23	0
2367	G1	24	1094	218	7	644	231	67	132	23	1	6	26	18	40	2	23	48	35	0
2368	G1	20	673	134	4	408	146	42	83	16	0	4	16	11	24	1	16	30	22	0
2369	G1	25	1037	206	7	642	230	67	131	21	1	6	25	17	38	2	21	46	34	0
2370	G1	65	706	140	2	207	74	22	42	37	0	4	17	12	26	3	36	31	11	0
2371	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2372	G1	29	416	83	0	21	7	2	4	22	0	2	10	7	15	2	21	18	1	0
2373	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2374	G1	27	567	113	2	168	60	17	34	21	0	3	13	9	21	2	20	25	9	0
2375	G1	77	1209	316	2	198	71	65	129	15	1	9	36	25	54	3	43	56	34	0
2376	G1	20	673	134	4	408	146	42	83	16	0	4	16	11	24	1	16	30	22	0
2377	G1	26	372	74	4	424	152	44	87	1	0	2	9	6	13	0	1	16	23	0
2378	G1	27	512	102	2	166	60	17	34	21	0	3	12	8	19	2	20	23	9	0
2379	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
2380	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2381	G1	26	785	156	2	225	81	23	46	20	1	4	19	13	28	1	19	35	12	0
2382	G1	65	706	140	2	207	74	22	42	37	0	4	17	12	26	3	36	31	11	0
2383	G1	80	854	224	2	233	84	77	152	13	1	6	25	18	38	3	37	40	40	0
2384	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2385	G1	29	331	66	1	62	22	6	13	1	0	2	8	5	12	0	1	15	3	0
2386	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2388	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2389	G1	33	36	7	0	13	5	1	3	30	0	0	1	1	1	2	29	2	1	0
2390	G2	50	16	3	0	12	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2391	G2	50	16	3	0	12	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2393	G2	50	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2394	G1	19	680	135	4	409	147	43	84	16	0	4	16	11	25	1	16	30	22	0
2395	G2	46	42	8	0	25	9	3	5	0	0	0	1	1	2	0	0	2	1	0
2396	G1	19	680	135	4	409	147	43	84	16	0	4	16	11	25	1	16	30	22	0
2397	G1	33	36	7	0	13	5	1	3	30	0	0	1	1	1	2	29	2	1	0
2398	G1	25	802	160	3	281	101	29	57	26	1	4	19	13	29	2	25	35	15	0
2399	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
2400	G2	46	35	7	0	24	8	2	5	0	0	0	1	1	1	0	0	2	1	0
2401	G1	25	768	153	3	257	92	27	53	26	1	4	18	13	28	2	25	34	14	0
2402	G2	46	35	7	0	24	8	2	5	0	0	0	1	1	1	0	0	2	1	0
2408	G2	50	16	3	0	12	4	1	2	0	0	0	0	0	1	0	0	1	1	0
2415	G2	49	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
5010	G1	80	361	94	2	227	81	75	148	3	0	3	11	7	16	1	9	17	39	0
5012	G1	70	440	115	1	138	49	46	90	5	0	3	13	9	20	1	14	21	23	0
5013	G1	35	917	240	2	214	77	71	139	8	1	7	27	19	41	2	22	43	37	0
5014	G1	70	440	115	1	138	49	46	90	5	0	3	13	9	20	1	14	21	23	0
5016	G1	48	42	11	0	14	5	5	9	0	0	0	1	1	2	0	0	2	2	0
5017	G1	50	33	9	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0
5018	G1	79	713	187	3	306	110	101	199	6	1	5	21	15	32	1	17	33	52	0
5019	G1	72	1474	386	3	284	102	94	185	7	1	11	44	30	66	1	20	69	48	0
5020	G1	42	154	40	1	56	20	18	36	0	0	1	5	3	7	0	0	7	10	0
5022	G1	47	140	37	0	2	1	1	1	0	0	1	4	3	6	0	0	7	0	0
7004	G1	70	1443	378	3	322	116	106	209	8	1	10	43	30	65	2	22	67	55	0
7005	G1	66	1773	464	4	420	151	139	273	12	2	13	52	36	80	3	34	83	72	0
7006	G1	77	1344	352	5	484	174	160	315	12	1	10	40	28	61	3	34	63	82	0
7007	G1	48	87	23	0	30	11	10	19	4	0	1	3	2	4	1	11	4	5	0
7242	G1	44	294	77	1	54	20	18	35	5	0	2	9	6	13	1	15	14	9	0
7243	G1	49	37	10	0	0	0	0	0	8	0	0	1	1	2	2	21	2	0	0
7244	G2	40	699	139	2	145	52	15	30	0	0	4	17	12	25	0	0	31	8	0
7500	G2	22	266	53	1	64	23	7	13	0	0	1	6	4	10	0	0	12	3	0
7501	G2	25	108	22	0	14	5	1	3	0	0	1	3	2	4	0	0	5	1	0
7505	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7506	G2	26	51	10	0	12	4	1	3	0	0	0	1	1	2	0	0	2	1	0
7507	G2	26	54	11	0	14	5	1	3	0	0	0	1	1	2	0	0	2	1	0
7519	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7520	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7521	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8001	G1	36	485	127	1	52	19	17	34	3	0	3	14	10	22	1	8	23	9	0
8002	G1	32	432	113	2	162	58	54	106	5	0	3	13	9	19	1	14	20	28	0
8402	G1	55	1052	209	2	156	56	16	32	58	1	6	25	17	38	4	56	46	8	0
9002	G1	80	642	128	1	113	41	12	23	29	0	3	15	11	23	2	29	28	6	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
9009	G2	24	146	29	0	29	10	3	6	15	0	1	3	2	5	1	14	6	2	0
9010	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9011	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
9024	G2	46	209	42	2	156	56	16	32	1	0	1	5	3	8	0	1	9	8	0
9025	G2	39	415	83	3	295	106	31	60	1	0	2	10	7	15	0	1	18	16	0
9026	G2	41	375	75	2	230	83	24	47	0	0	2	9	6	14	0	0	17	12	0
9028	G2	46	142	28	0	36	13	4	7	4	0	1	3	2	5	0	4	6	2	0
9029	G2	48	45	9	0	45	16	5	9	0	0	0	1	1	2	0	0	2	2	0
21881	G2	22	278	55	1	57	21	6	12	15	0	1	7	5	10	1	14	12	3	0
21882	G2	24	132	26	0	29	10	3	6	0	0	1	3	2	5	0	0	6	2	0
21931	G1	65	834	166	3	267	96	28	55	60	1	4	20	14	30	4	58	37	14	0
21932	G1	66	720	143	2	156	56	16	32	54	0	4	17	12	26	4	53	32	8	0
22321	G2	48	25	5	0	19	7	2	4	0	0	0	1	0	1	0	0	1	1	0
22322	G2	48	25	5	0	19	7	2	4	0	0	0	1	0	1	0	0	1	1	0
22341	G1	80	1179	309	3	311	112	103	203	17	1	8	35	24	53	4	46	55	53	0
22342	G1	75	1611	422	5	474	170	157	308	22	1	12	48	33	73	5	60	75	81	0
90271	G2	50	51	10	0	0	0	0	0	0	0	0	1	1	2	0	0	2	0	0
90272	G1	61	910	181	1	119	43	12	24	54	1	5	22	15	33	4	52	40	6	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 3a

Peak Traffic Flow
(Pillar Point and Sam Shing Areas,
Year 2033)

Peak Traffic Flow in Year 2033 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3002	G1	78	986	196	3	304	121	29	71	41	1	5	23	17	35	3	40	44	13	0
3004	G2	30	0	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3006	G2	30	0	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3007	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3008	G2	30	0	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3009	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3010	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3011	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3012	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3016	G2	30	0	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3018	G2	30	7	1	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3033	G2	30	9	2	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3034	G2	28	38	7	0	19	7	2	4	0	0	0	1	1	1	0	0	2	1	0
3035	G2	28	47	9	0	24	9	2	6	0	0	0	1	1	2	0	0	2	1	0
3036	G2	25	2	0	1	66	26	6	15	0	0	0	0	0	0	0	0	0	3	0
3039	G2	24	18	3	1	91	36	9	21	0	0	0	0	0	1	0	0	1	4	0
3048	G2	23	370	74	1	120	48	11	28	14	0	2	9	7	13	1	14	16	5	0
3049	G2	28	19	4	0	9	4	1	2	0	0	0	0	0	1	0	0	1	0	0
3051	G2	28	47	9	0	24	9	2	6	0	0	0	1	1	2	0	0	2	1	0
3052	G2	29	28	6	0	14	6	1	3	0	0	0	1	0	1	0	0	1	1	0
3053	G2	29	19	4	0	9	4	1	2	0	0	0	0	0	1	0	0	1	0	0
3056	G2	30	2	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3057	G2	30	4	1	0	6	2	1	1	0	0	0	0	0	0	0	0	0	0	0
3058	G2	30	4	1	0	6	3	1	1	0	0	0	0	0	0	0	0	0	0	0
3059	G2	21	546	109	3	292	116	28	68	14	0	3	13	10	19	1	13	24	13	0
3060	G2	30	1	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3061	G1	78	986	196	3	304	121	29	71	41	1	5	23	17	35	3	40	44	13	0
3062	G1	80	672	134	2	161	64	15	38	32	1	4	16	12	24	2	31	30	7	0
3071	G2	30	2	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3072	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3074	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3075	G2	30	1	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3076	G2	30	1	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3077	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3078	G2	30	1	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3079	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3080	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3081	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3082	G2	30	1	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3083	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3085	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3086	G2	21	553	110	3	286	113	27	67	9	0	3	13	10	20	1	8	24	12	0
3089	G2	30	4	1	0	6	3	1	1	0	0	0	0	0	0	0	0	0	0	0
3090	G2	21	546	109	3	292	116	28	68	14	0	3	13	10	19	1	13	24	13	0
3091	G2	23	370	74	1	120	48	11	28	9	0	2	9	7	13	1	9	16	5	0
3097	G1	45	185	37	1	58	23	6	14	26	0	1	4	3	7	2	25	8	3	0
3103	G2	29	0	0	0	14	5	1	3	0	0	0	0	0	0	0	0	0	1	0
3104	G2	21	532	106	2	216	86	21	50	20	0	3	13	9	19	1	19	24	9	0
3105	G2	29	20	4	0	22	9	2	5	0	0	0	0	0	1	0	0	1	1	0
3106	G2	22	357	71	2	199	79	19	47	20	0	2	8	6	13	1	19	16	9	0
3107	G2	25	175	35	0	33	13	3	8	0	0	1	4	3	6	0	0	8	1	0
3108	G2	22	395	79	2	191	76	18	44	20	0	2	9	7	14	1	20	17	8	0
3109	G2	29	5	1	0	33	13	3	8	0	0	0	0	0	0	0	0	0	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3110	G2	21	532	106	2	216	86	21	50	20	0	3	13	9	19	1	19	24	9	0
3112	G2	25	65	13	1	96	38	9	22	0	0	0	2	1	2	0	0	3	4	0
3113	G2	22	376	75	2	184	73	18	43	20	0	2	9	7	13	1	20	17	8	0
3114	G1	27	547	109	2	223	88	21	52	17	0	3	13	10	19	1	16	24	10	0
3115	G1	49	0	0	0	0	0	0	0	12	0	0	0	0	0	1	12	0	0	0
3116	G1	39	185	37	1	58	23	6	14	14	0	1	4	3	7	1	13	8	3	0
3117	G1	46	202	40	0	13	5	1	3	31	0	1	5	4	7	2	30	9	1	0
3118	G1	29	300	60	1	117	46	11	27	8	0	2	7	5	11	1	8	13	5	0
3119	G1	27	513	102	1	134	53	13	31	39	0	3	12	9	18	3	38	23	6	0
3124	G2	25	153	30	1	86	34	8	20	8	0	1	4	3	5	1	8	7	4	0
3125	G1	43	216	43	0	34	14	3	8	1	0	1	5	4	8	0	1	10	1	0
3126	G2	29	18	4	0	1	0	0	0	14	0	0	0	0	1	1	14	1	0	0
3127	G2	25	190	38	1	62	24	6	14	7	0	1	4	3	7	1	7	8	3	0
3129	G2	25	190	38	1	62	24	6	14	7	0	1	4	3	7	1	7	8	3	0
3130	G2	25	190	38	1	62	24	6	14	7	0	1	4	3	7	1	7	8	3	0
3131	G2	22	363	72	2	224	89	21	52	1	0	2	9	6	13	0	1	16	10	0
3132	G1	30	213	42	0	17	7	2	4	31	0	1	5	4	8	2	30	9	1	0
3133	G1	24	961	191	3	243	96	23	57	32	1	5	23	17	34	2	31	42	11	0
3134	G1	26	599	119	3	240	95	23	56	21	0	3	14	11	21	2	21	26	10	0
3135	G1	29	242	48	1	96	38	9	22	0	0	1	6	4	9	0	0	11	4	0
3136	G1	30	169	34	1	73	29	7	17	21	0	1	4	3	6	2	21	7	3	0
3137	G1	23	1085	216	3	298	118	28	70	38	1	6	26	19	38	3	37	48	13	0
3138	G1	25	945	188	3	242	96	23	56	18	1	5	22	17	33	1	17	42	11	0
3139	G2	25	95	19	0	34	14	3	8	20	0	0	2	2	3	1	20	4	1	0
3140	G1	29	242	48	1	96	38	9	22	12	0	1	6	4	9	1	12	11	4	0
3143	G2	24	208	41	1	62	25	6	14	21	0	1	5	4	7	2	21	9	3	0
3180	G2	29	5	1	0	1	0	0	0	4	0	0	0	0	0	0	4	0	0	0
3181	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0
3184	G2	30	23	5	0	4	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3186	G2	27	95	19	0	6	2	1	1	0	0	0	2	2	3	0	0	4	0	0
3188	G1	24	1413	281	1	48	19	5	11	28	1	7	33	25	50	2	28	62	2	0
3189	G1	28	617	123	1	54	22	5	13	28	0	3	15	11	22	2	27	27	2	0
3190	G2	30	19	4	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0
3191	G2	27	50	10	0	8	3	1	2	0	0	0	1	1	2	0	0	2	0	0
3192	G1	28	617	123	1	54	22	5	13	28	0	3	15	11	22	2	27	27	2	0
3193	G1	24	1406	280	0	48	19	5	11	28	1	7	33	25	50	2	27	62	2	0
3194	G2	30	11	2	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0
3195	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
3202	G1	28	490	97	1	63	25	6	15	21	0	3	12	9	17	2	21	22	3	0
3209	G2	22	352	70	0	12	5	1	3	14	0	2	8	6	12	1	13	16	1	0
3210	G1	28	723	144	0	45	18	4	11	16	1	4	17	13	25	1	16	32	2	0
3211	G1	25	1096	218	0	31	12	3	7	26	1	6	26	19	39	2	26	48	1	0
3212	G1	28	656	131	0	28	11	3	7	5	1	3	15	12	23	0	5	29	1	0
3213	G1	17	1752	348	1	59	24	6	14	31	1	9	41	31	62	2	30	77	3	0
3214	G2	28	0	0	0	0	0	0	0	14	0	0	0	0	0	1	13	0	0	0
3215	G1	27	710	141	1	70	28	7	16	28	1	4	17	13	25	2	27	31	3	0
3216	G1	27	704	140	1	70	28	7	16	31	1	4	17	12	25	2	30	31	3	0
3217	G2	22	695	138	0	24	10	2	6	7	1	4	16	12	25	0	6	31	1	0
3218	G1	29	466	93	0	15	6	1	4	38	0	2	11	8	16	3	37	21	1	0
3219	G1	30	277	55	0	14	6	1	3	28	0	1	7	5	10	2	27	12	1	0
3220	G1	34	66	13	0	17	7	2	4	11	0	0	2	1	2	1	10	3	1	0
3221	G1	25	1159	230	0	39	16	4	9	44	1	6	27	21	41	3	43	51	2	0
3440	G1	29	339	67	0	32	13	3	8	33	0	2	8	6	12	2	32	15	1	0
3479	G2	24	404	80	0	22	9	2	5	10	0	2	10	7	14	1	10	18	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3501	G1	44	153	40	0	20	8	6	15	3	0	1	4	3	7	1	8	7	3	0
3502	G1	20	608	159	1	80	32	24	60	15	1	4	18	13	27	3	42	28	11	0
3503	G1	54	1376	360	2	181	72	55	135	25	1	10	40	30	60	5	69	64	25	0
3504	G1	38	681	135	2	171	68	16	40	58	1	4	16	12	24	4	56	30	7	0
3505	G1	34	570	113	1	119	47	11	28	19	0	3	13	10	20	1	18	25	5	0
3509	G1	36	304	60	2	149	59	14	35	37	0	2	7	5	11	3	36	13	6	0
3510	G1	67	826	216	1	96	38	29	71	22	1	6	24	18	36	5	60	39	13	0
3511	G1	36	304	60	2	149	59	14	35	37	0	2	7	5	11	3	36	13	6	0
3512	G2	22	685	136	0	24	9	2	5	7	1	4	16	12	24	0	6	30	1	0
3513	G2	30	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3514	G2	22	695	138	0	24	10	2	6	7	1	4	16	12	25	0	6	31	1	0
3516	G1	75	2009	526	3	287	114	87	213	52	2	14	59	44	88	11	143	94	40	0
3517	G1	66	2009	526	3	287	114	87	213	52	2	14	59	44	88	11	143	94	40	0
3518	G2	29	21	4	0	3	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3519	G2	28	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3520	G1	38	681	135	2	171	68	16	40	58	1	4	16	12	24	4	56	30	7	0
3521	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3523	G1	29	317	63	0	23	9	2	5	39	0	2	7	6	11	3	37	14	1	0
3524	G1	26	1054	210	0	42	17	4	10	43	1	6	25	19	37	3	42	47	2	0
3525	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3526	G2	26	115	23	0	20	8	2	5	0	0	1	3	2	4	0	0	5	1	0
3527	G2	24	404	80	0	22	9	2	5	10	0	2	10	7	14	1	10	18	1	0
3528	G2	29	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3530	G1	26	1018	202	0	35	14	3	8	45	1	5	24	18	36	3	44	45	2	0
3531	G2	29	29	6	0	7	3	1	2	0	0	0	1	1	1	0	0	1	0	0
3532	G2	22	582	116	1	51	20	5	12	0	0	3	14	10	21	0	0	26	2	0
3533	G2	22	582	116	1	51	20	5	12	0	0	3	14	10	21	0	0	26	2	0
3534	G2	28	74	15	0	2	1	0	0	0	0	0	2	1	3	0	0	3	0	0
3535	G2	29	65	13	0	1	0	0	0	0	0	0	2	1	2	0	0	3	0	0
3536	G2	27	124	25	0	3	1	0	1	0	0	1	3	2	4	0	0	5	0	0
3538	G1	29	495	98	0	17	7	2	4	38	0	3	12	9	17	3	37	22	1	0
3539	G1	44	153	40	0	20	8	6	15	3	0	1	4	3	7	1	8	7	3	0
3540	G1	75	2009	526	3	287	114	87	213	52	2	14	59	44	88	11	143	94	40	0
3542	G1	73	2161	566	3	307	122	93	228	55	2	15	63	48	95	11	151	101	43	0
3578	G2	30	5	1	0	1	0	0	0	4	0	0	0	0	0	0	4	0	0	0
3580	G1	80	672	134	2	161	64	15	38	32	1	4	16	12	24	2	31	30	7	0
3581	G2	27	37	7	0	13	5	1	3	0	0	0	1	1	1	0	0	2	1	0
3582	G2	29	18	4	0	6	3	1	2	0	0	0	0	0	1	0	0	1	0	0
3584	G2	29	18	4	0	6	3	1	2	0	0	0	0	0	1	0	0	1	0	0
5009	G1	80	502	131	2	171	61	57	111	6	0	4	15	10	23	1	17	23	29	0
5015	G1	80	670	175	2	223	80	74	145	8	1	5	20	14	30	2	22	31	38	0
5023	G1	46	162	42	0	32	13	10	24	15	0	1	5	4	7	3	42	8	4	0
5116	G1	80	670	175	2	217	86	66	161	8	1	5	20	15	29	2	22	31	30	0
5117	G1	80	502	131	2	166	66	50	124	6	1	4	15	11	22	1	17	23	23	0
5118	G1	45	185	37	1	58	23	6	14	26	0	1	4	3	7	2	25	8	3	0
5122	G1	50	0	0	0	0	0	0	0	7	0	0	0	0	0	1	7	0	0	0
5123	G1	80	540	107	3	270	107	26	63	6	0	3	13	10	19	0	6	24	12	0
5124	G1	80	668	175	2	217	86	66	161	3	1	5	20	15	29	1	8	31	30	0
5125	G1	38	389	102	0	29	12	9	22	15	0	3	11	9	17	3	41	18	4	0
5126	G1	43	392	103	0	29	12	9	22	20	0	3	11	9	17	4	55	18	4	0
5127	G1	49	0	0	0	0	0	0	0	20	0	0	0	0	0	4	55	0	0	0
5128	G1	44	392	103	0	29	11	9	21	0	0	3	11	9	17	0	0	18	4	0
5129	G1	80	916	240	2	188	74	57	139	0	1	6	27	20	40	0	0	43	26	0
5130	G1	46	143	38	1	58	23	18	43	3	0	1	4	3	6	1	8	7	8	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
5131	G1	46	40	11	1	99	39	30	73	3	0	0	1	1	2	1	8	2	14	0
5132	G1	80	497	99	1	109	43	10	26	0	0	3	12	9	18	0	0	22	5	0
5133	G1	41	162	42	0	32	13	10	24	12	0	1	5	4	7	2	33	8	4	0
5134	G1	48	0	0	0	0	0	0	0	33	0	0	0	0	0	2	32	0	0	0
5135	G1	80	497	99	1	109	43	10	26	0	0	3	12	9	18	0	0	22	5	0
5136	G2	27	85	17	0	20	8	2	5	0	0	0	2	1	3	0	0	4	1	0
5137	G2	29	10	2	0	27	11	3	6	0	0	0	0	0	0	0	0	0	1	0
5138	G1	28	365	73	1	139	55	13	32	14	0	2	9	6	13	1	14	16	6	0
5139	G1	28	374	74	2	167	66	16	39	14	0	2	9	7	13	1	14	17	7	0
5140	G1	35	4	1	0	47	19	4	11	0	0	0	0	0	0	0	0	0	2	0
5141	G1	26	536	107	3	272	108	26	63	14	0	3	13	9	19	1	13	24	12	0
5142	G1	27	533	106	3	247	98	23	58	14	0	3	13	9	19	1	13	24	11	0
5143	G1	26	536	106	3	313	124	30	73	14	0	3	13	9	19	1	13	24	14	0
5144	G1	32	41	8	1	64	25	6	15	0	0	0	1	1	1	0	0	2	3	0
5145	G1	28	451	90	2	181	72	17	42	14	0	2	11	8	16	1	14	20	8	0
5146	G1	28	410	81	1	117	46	11	27	14	0	2	10	7	14	1	14	18	5	0
5147	G1	26	496	99	3	271	107	26	63	14	0	3	12	9	18	1	13	22	12	0
5148	G1	28	650	129	4	365	145	35	85	20	1	3	15	12	23	1	19	29	16	0
5149	G1	27	453	90	3	277	110	26	65	20	0	2	11	8	16	1	20	20	12	0
5150	G2	30	0	0	0	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0
5151	G2	21	453	90	3	282	112	27	66	20	0	2	11	8	16	1	20	20	12	0
5152	G2	25	58	11	1	92	36	9	21	0	0	0	1	1	2	0	0	3	4	0
5153	G2	20	590	117	3	308	122	29	72	20	0	3	14	10	21	1	19	26	13	0
5154	G2	20	585	116	3	275	109	26	64	20	0	3	14	10	21	1	19	26	12	0
5155	G2	19	650	129	4	371	147	35	86	20	1	3	15	12	23	1	19	29	16	0
5156	G2	22	395	79	2	191	76	18	44	20	0	2	9	7	14	1	20	17	8	0
5157	G2	21	532	106	2	216	86	21	50	20	0	3	13	9	19	1	19	24	9	0
5158	G1	80	525	137	2	159	63	48	118	0	1	4	15	12	23	0	0	24	22	0
5159	G1	47	162	42	0	32	13	10	24	0	0	1	5	4	7	0	0	8	4	0
5160	G1	50	0	0	0	0	0	0	0	5	0	0	0	0	0	1	14	0	0	0
5161	G1	80	502	131	2	166	66	50	124	6	1	4	15	11	22	1	17	23	23	0
5162	G2	30	5	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5163	G2	30	5	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5165	G2	30	7	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5166	G2	30	6	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5167	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5168	G2	30	11	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5169	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5170	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5171	G1	80	537	107	3	268	106	25	62	14	0	3	13	9	19	1	13	24	12	0
9030	G1	49	25	6	0	5	2	2	4	0	0	0	1	1	1	0	0	1	1	0
35371	G1	29	336	67	0	24	9	2	6	39	0	2	8	6	12	3	37	15	1	0
35372	G1	29	343	68	0	31	12	3	7	39	0	2	8	6	12	3	37	15	1	0
35471	G1	80	1133	297	2	193	76	58	143	39	1	8	33	25	50	8	107	53	27	0
35472	G1	80	1108	290	2	187	74	57	139	39	1	8	32	24	49	8	107	52	26	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Container Trucks from River Trade Terminal in Year 2033 (Hour - 0800-0900) ^[1]

FlowID	Speed ^[2]	Container Trucks
3002	78	51
3036	25	123
3039	24	123
3048	23	204
3059	21	253
3061	78	51
3062	80	38
3086	21	253
3090	21	253
3091	23	204
3097	45	38
3109	29	81
3112	25	130
3114	27	177
3116	39	38
3118	29	153
3119	27	153
3124	25	153
3125	43	51
3127	25	38
3129	25	38
3130	25	38
3131	22	215
3133	24	215
3134	26	191
3135	29	143
3136	30	48
3137	23	48
3138	25	215
3139	25	10
3140	29	143
3143	24	38
3580	80	38
5023	46	38
5118	45	38
5125	38	51
5126	43	51
5128	44	51
5129	80	51
5133	41	38
5135	80	38
5138	28	204
5139	28	204
5140	35	0
5141	26	253
5142	27	130
5143	26	204
5144	32	123
5145	28	204
5146	28	81
5147	26	130
5148	28	130
5149	27	81
5151	15	81
5152	24	81
5153	15	81
5155	15	130
5159	47	38

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 3b

Peak Traffic Flow
(Pillar Point and Sam Shing Areas,
Year 2036)

Peak Traffic Flow in Year 2036 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3002	G1	75	1256	250	3	303	120	29	71	41	1	7	30	22	44	3	40	55	13	0
3004	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3006	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3007	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3008	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3009	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3010	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3011	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3012	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3016	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3018	G2	30	8	2	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3033	G2	30	9	2	0	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0
3034	G2	28	38	7	0	22	9	2	5	0	0	0	1	1	1	0	0	2	1	0
3035	G2	27	47	9	0	27	11	3	6	0	0	0	1	1	2	0	0	2	1	0
3036	G2	25	4	1	1	77	30	7	18	0	0	0	0	0	0	0	0	0	3	0
3039	G2	24	24	5	1	111	44	11	26	0	0	0	1	0	1	0	0	1	5	0
3048	G2	23	361	72	1	101	40	10	24	14	0	2	9	6	13	1	14	16	4	0
3049	G2	28	19	4	0	11	4	1	3	0	0	0	0	0	1	0	0	1	0	0
3051	G2	27	47	9	0	27	11	3	6	0	0	0	1	1	2	0	0	2	1	0
3052	G2	29	28	6	0	16	7	2	4	0	0	0	1	0	1	0	0	1	1	0
3053	G2	29	19	4	0	11	4	1	3	0	0	0	0	0	1	0	0	1	0	0
3056	G2	30	3	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3057	G2	30	6	1	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
3058	G2	30	6	1	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
3059	G2	19	674	134	4	339	134	32	79	14	1	4	16	12	24	1	13	30	15	0
3060	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3061	G1	75	1256	250	3	303	120	29	71	41	1	7	30	22	44	3	40	55	13	0
3062	G1	80	760	151	2	191	76	18	45	32	1	4	18	13	27	2	31	34	8	0
3071	G2	30	3	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3072	G2	30	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3074	G2	30	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3075	G2	30	1	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3076	G2	30	1	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3077	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3078	G2	30	1	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3079	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3080	G2	30	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3081	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3082	G2	30	1	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3083	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3085	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3086	G2	19	683	136	3	331	131	31	77	9	1	4	16	12	24	1	8	30	14	0
3089	G2	30	6	1	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
3090	G2	19	674	134	4	339	134	32	79	14	1	4	16	12	24	1	13	30	15	0
3091	G2	23	361	72	1	101	40	10	24	9	0	2	9	6	13	1	9	16	4	0
3097	G1	43	273	54	1	103	41	10	24	26	0	1	6	5	10	2	25	12	4	0
3103	G2	29	0	0	0	14	5	1	3	0	0	0	0	0	0	0	0	0	1	0
3104	G2	20	725	144	3	246	98	23	57	20	1	4	17	13	26	1	19	32	11	0
3105	G2	28	32	6	0	31	12	3	7	0	0	0	1	1	1	0	0	1	1	0
3106	G2	21	483	96	2	225	89	21	52	20	0	3	11	9	17	1	19	21	10	0
3107	G2	25	242	48	0	37	15	4	9	0	0	1	6	4	9	0	0	11	2	0
3108	G2	22	398	79	2	228	90	22	53	20	0	2	9	7	14	1	20	18	10	0
3109	G2	29	8	2	0	46	18	4	11	0	0	0	0	0	0	0	0	0	2	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3110	G2	20	725	144	3	246	98	23	57	20	1	4	17	13	26	1	19	32	11	0
3112	G2	24	90	18	1	117	47	11	27	0	0	0	2	2	3	0	0	4	5	0
3113	G2	22	366	73	2	212	84	20	49	20	0	2	9	6	13	1	20	16	9	0
3114	G1	25	802	159	3	284	113	27	66	17	1	4	19	14	28	1	16	35	12	0
3115	G1	49	0	0	0	0	0	0	0	12	0	0	0	0	0	1	12	0	0	0
3116	G1	36	273	54	1	103	41	10	24	14	0	1	6	5	10	1	13	12	4	0
3117	G1	44	394	78	0	26	10	3	6	31	0	2	9	7	14	2	30	17	1	0
3118	G1	29	300	60	1	117	46	11	27	8	0	2	7	5	11	1	8	13	5	0
3119	G1	27	513	102	1	134	53	13	31	39	0	3	12	9	18	3	38	23	6	0
3124	G2	24	242	48	1	83	33	8	19	8	0	1	6	4	9	1	8	11	4	0
3125	G1	47	119	24	0	19	7	2	4	1	0	1	3	2	4	0	1	5	1	0
3126	G2	28	44	9	0	2	1	0	0	14	0	0	1	1	2	1	14	2	0	0
3127	G2	25	229	46	1	57	23	5	13	7	0	1	5	4	8	1	7	10	2	0
3129	G2	25	229	46	1	57	23	5	13	7	0	1	5	4	8	1	7	10	2	0
3130	G2	25	229	46	1	57	23	5	13	7	0	1	5	4	8	1	7	10	2	0
3131	G2	21	454	90	3	274	109	26	64	1	0	2	11	8	16	0	1	20	12	0
3132	G1	30	213	42	0	17	7	2	4	31	0	1	5	4	8	2	30	9	1	0
3133	G1	24	961	191	3	243	96	23	57	32	1	5	23	17	34	2	31	42	11	0
3134	G1	26	599	119	3	240	95	23	56	21	0	3	14	11	21	2	21	26	10	0
3135	G1	28	404	80	1	129	51	12	30	0	0	2	10	7	14	0	0	18	6	0
3136	G1	30	169	34	1	73	29	7	17	21	0	1	4	3	6	2	21	7	3	0
3137	G1	23	1085	216	3	298	118	28	70	38	1	6	26	19	38	3	37	48	13	0
3138	G1	25	945	188	3	242	96	23	56	18	1	5	22	17	33	1	17	42	11	0
3139	G2	25	108	22	0	42	17	4	10	20	0	1	3	2	4	1	20	5	2	0
3140	G1	28	404	80	1	129	51	12	30	12	0	2	10	7	14	1	12	18	6	0
3143	G2	24	273	54	1	59	23	6	14	21	0	1	6	5	10	2	21	12	3	0
3180	G2	23	327	65	0	0	0	0	0	4	0	2	8	6	12	0	4	14	0	0
3181	G2	30	12	2	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0
3184	G2	30	24	5	0	4	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3186	G2	28	70	14	0	4	2	0	1	0	0	0	2	1	2	0	0	3	0	0
3188	G1	25	1274	253	0	41	16	4	10	28	1	7	30	23	45	2	28	56	2	0
3189	G1	28	651	129	1	51	20	5	12	28	1	3	15	12	23	2	27	29	2	0
3190	G2	30	14	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
3191	G2	27	52	10	0	8	3	1	2	0	0	0	1	1	2	0	0	2	0	0
3192	G1	28	651	129	1	51	20	5	12	28	1	3	15	12	23	2	27	29	2	0
3193	G1	25	1267	252	0	41	16	4	9	28	1	7	30	22	45	2	27	56	2	0
3194	G2	30	12	2	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0
3195	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
3202	G1	29	461	92	1	52	21	5	12	21	0	2	11	8	16	2	21	20	2	0
3209	G2	23	296	59	0	10	4	1	2	14	0	2	7	5	10	1	13	13	0	0
3210	G1	28	672	134	0	40	16	4	9	16	1	4	16	12	24	1	16	30	2	0
3211	G1	26	961	191	0	26	10	2	6	26	1	5	23	17	34	2	26	42	1	0
3212	G1	28	596	119	0	25	10	2	6	5	0	3	14	11	21	0	5	26	1	0
3213	G1	23	1557	310	1	51	20	5	12	31	1	8	37	28	55	2	30	69	2	0
3214	G2	28	0	0	0	0	0	0	0	14	0	0	0	0	0	1	13	0	0	0
3215	G1	27	746	148	1	67	27	6	16	28	1	4	18	13	26	2	27	33	3	0
3216	G1	27	740	147	1	67	27	6	16	31	1	4	17	13	26	2	30	33	3	0
3217	G2	22	699	139	0	24	10	2	6	7	1	4	16	12	25	0	6	31	1	0
3218	G1	29	330	66	0	9	3	1	2	38	0	2	8	6	12	3	37	15	0	0
3219	G1	29	346	69	0	22	9	2	5	28	0	2	8	6	12	2	27	15	1	0
3220	G1	34	76	15	0	15	6	1	3	11	0	0	2	1	3	1	10	3	1	0
3221	G1	26	1028	204	0	33	13	3	8	44	1	5	24	18	36	3	43	45	1	0
3440	G1	29	395	79	0	40	16	4	9	33	0	2	9	7	14	2	32	17	2	0
3479	G2	24	429	85	0	21	8	2	5	10	0	2	10	8	15	1	10	19	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3501	G1	44	158	41	0	21	8	6	16	3	0	1	5	3	7	1	8	7	3	0
3502	G1	20	605	159	1	106	42	32	78	15	1	4	18	13	27	3	42	28	15	0
3503	G1	52	1418	371	2	189	75	57	141	25	1	10	42	31	62	5	69	66	26	0
3504	G1	36	918	182	2	186	74	18	43	58	1	5	22	16	32	4	56	41	8	0
3505	G1	33	568	113	1	142	56	14	33	19	0	3	13	10	20	1	18	25	6	0
3509	G1	37	291	58	1	119	47	11	28	37	0	2	7	5	10	3	36	13	5	0
3510	G1	67	963	252	1	92	37	28	68	22	1	7	28	21	42	5	60	45	13	0
3511	G1	37	291	58	1	119	47	11	28	37	0	2	7	5	10	3	36	13	5	0
3512	G2	22	688	137	0	24	9	2	5	7	1	4	16	12	24	0	6	30	1	0
3513	G2	30	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3514	G2	22	699	139	0	24	10	2	6	7	1	4	16	12	25	0	6	31	1	0
3516	G1	72	2271	595	3	304	121	92	226	52	2	16	67	50	100	11	143	106	42	0
3517	G1	64	2271	595	3	304	121	92	226	52	2	16	67	50	100	11	143	106	42	0
3518	G2	29	21	4	0	3	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3519	G2	28	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3520	G1	36	918	182	2	186	74	18	43	58	1	5	22	16	32	4	56	41	8	0
3521	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3523	G1	29	400	80	0	30	12	3	7	39	0	2	9	7	14	3	37	18	1	0
3524	G1	26	1031	205	0	41	16	4	9	43	1	5	24	18	36	3	42	46	2	0
3525	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3526	G2	26	115	23	0	20	8	2	5	0	0	1	3	2	4	0	0	5	1	0
3527	G2	24	429	85	0	21	8	2	5	10	0	2	10	8	15	1	10	19	1	0
3528	G2	29	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3530	G1	26	995	198	0	34	13	3	8	45	1	5	23	18	35	3	44	44	1	0
3531	G2	29	29	6	0	7	3	1	2	0	0	0	1	1	1	0	0	1	0	0
3532	G2	22	603	120	0	48	19	5	11	0	0	3	14	11	21	0	0	27	2	0
3533	G2	22	603	120	0	48	19	5	11	0	0	3	14	11	21	0	0	27	2	0
3534	G2	28	77	15	0	1	1	0	0	0	0	0	2	1	3	0	0	3	0	0
3535	G2	28	68	14	0	1	0	0	0	0	0	0	2	1	2	0	0	3	0	0
3536	G2	27	128	25	0	2	1	0	1	0	0	1	3	2	5	0	0	6	0	0
3538	G1	29	446	89	0	15	6	1	3	38	0	2	11	8	16	3	37	20	1	0
3539	G1	44	158	41	0	21	8	6	16	3	0	1	5	3	7	1	8	7	3	0
3540	G1	72	2271	595	3	304	121	92	226	52	2	16	67	50	100	11	143	106	42	0
3542	G1	71	2428	636	3	325	129	98	242	55	3	17	71	53	106	11	151	113	45	0
3578	G2	24	327	65	0	0	0	0	0	4	0	2	8	6	12	0	4	14	0	0
3580	G1	80	760	151	2	191	76	18	45	32	1	4	18	13	27	2	31	34	8	0
3581	G2	26	56	11	0	15	6	1	4	0	0	0	1	1	2	0	0	2	1	0
3582	G2	28	28	6	0	8	3	1	2	0	0	0	1	0	1	0	0	1	0	0
3584	G2	28	28	6	0	8	3	1	2	0	0	0	1	0	1	0	0	1	0	0
5009	G1	80	531	139	2	223	80	74	145	6	0	4	16	11	24	1	17	25	38	0
5015	G1	80	918	240	2	237	85	79	154	8	1	7	27	19	41	2	22	43	40	0
5023	G1	43	237	62	1	57	23	17	42	15	0	2	7	5	10	3	42	11	8	0
5116	G1	77	918	240	2	231	92	70	171	8	1	6	27	20	40	2	22	43	32	0
5117	G1	80	531	139	2	217	86	66	161	6	1	4	16	12	23	1	17	25	30	0
5118	G1	43	273	54	1	103	41	10	24	26	0	1	6	5	10	2	25	12	4	0
5122	G1	50	0	0	0	0	0	0	0	7	0	0	0	0	0	1	7	0	0	0
5123	G1	80	571	114	4	351	139	33	82	6	0	3	13	10	20	0	6	25	15	0
5124	G1	80	918	240	2	231	92	70	171	3	1	6	27	20	40	1	8	43	32	0
5125	G1	36	477	125	0	28	11	8	21	15	0	3	14	10	21	3	41	22	4	0
5126	G1	42	477	125	0	28	11	8	21	20	0	3	14	10	21	4	55	22	4	0
5127	G1	49	0	0	0	0	0	0	0	20	0	0	0	0	0	4	55	0	0	0
5128	G1	43	477	125	0	28	11	8	21	0	0	3	14	10	21	0	0	22	4	0
5129	G1	79	1168	306	2	187	74	57	139	0	1	8	34	26	51	0	0	54	26	0
5130	G1	45	228	60	1	71	28	22	53	3	0	2	7	5	10	1	8	11	10	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
5131	G1	43	61	16	2	156	62	47	116	3	0	0	2	1	3	1	8	3	22	0
5132	G1	80	505	101	1	99	39	9	23	0	0	3	12	9	18	0	0	22	4	0
5133	G1	38	237	62	1	57	23	17	42	12	0	2	7	5	10	2	33	11	8	0
5134	G1	48	0	0	0	0	0	0	0	33	0	0	0	0	0	2	32	0	0	0
5135	G1	80	505	101	1	99	39	9	23	0	0	3	12	9	18	0	0	22	4	0
5136	G2	28	78	16	0	15	6	1	4	0	0	0	2	1	3	0	0	3	1	0
5137	G2	28	16	3	0	40	16	4	9	0	0	0	0	0	1	0	0	1	2	0
5138	G1	29	349	69	1	102	40	10	24	14	0	2	8	6	12	1	14	15	4	0
5139	G1	28	364	72	1	141	56	13	33	14	0	2	9	6	13	1	14	16	6	0
5140	G1	36	3	1	0	40	16	4	9	0	0	0	0	0	0	0	0	0	2	0
5141	G1	26	653	130	3	274	109	26	64	14	1	3	15	12	23	1	13	29	12	0
5142	G1	26	653	130	3	268	106	25	62	14	1	3	15	12	23	1	13	29	12	0
5143	G1	25	657	131	4	344	137	33	80	14	1	3	15	12	23	1	13	29	15	0
5144	G1	31	50	10	1	70	28	7	16	0	0	0	1	1	2	0	0	2	3	0
5145	G1	28	430	86	2	150	60	14	35	14	0	2	10	8	15	1	14	19	7	0
5146	G1	29	380	76	1	81	32	8	19	14	0	2	9	7	13	1	14	17	4	0
5147	G1	26	610	121	3	308	122	29	72	14	0	3	14	11	22	1	13	27	13	0
5148	G1	27	855	170	4	424	168	40	99	20	1	4	20	15	30	1	19	38	18	0
5149	G1	26	445	89	3	333	132	32	78	20	0	2	11	8	16	1	20	20	14	0
5150	G2	30	0	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
5151	G2	20	445	89	4	338	134	32	79	20	0	2	11	8	16	1	20	20	15	0
5152	G2	25	47	9	1	111	44	11	26	0	0	0	1	1	2	0	0	2	5	0
5153	G2	19	772	154	4	357	142	34	83	20	1	4	18	14	27	1	19	34	16	0
5154	G2	19	764	152	3	311	123	30	73	20	1	4	18	14	27	1	19	34	14	0
5155	G2	17	855	170	4	428	170	41	100	20	1	4	20	15	30	1	19	38	19	0
5156	G2	22	398	79	2	228	90	22	53	20	0	2	9	7	14	1	20	18	10	0
5157	G2	20	725	144	3	246	98	23	57	20	1	4	17	13	26	1	19	32	11	0
5158	G1	80	691	181	2	159	63	48	118	0	1	5	20	15	30	0	0	32	22	0
5159	G1	45	237	62	1	57	23	17	42	0	0	2	7	5	10	0	0	11	8	0
5160	G1	50	0	0	0	0	0	0	0	5	0	0	0	0	0	1	14	0	0	0
5161	G1	80	531	139	2	217	86	66	161	6	1	4	16	12	23	1	17	25	30	0
5162	G2	30	5	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5163	G2	30	5	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5165	G2	30	7	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5166	G2	30	6	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5167	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5168	G2	30	11	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5169	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5170	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5171	G1	80	568	113	4	350	139	33	82	14	0	3	13	10	20	1	13	25	15	0
9030	G1	49	20	5	0	4	2	1	3	0	0	0	1	0	1	0	0	1	1	0
35371	G1	29	418	83	0	31	12	3	7	39	0	2	10	7	15	3	37	18	1	0
35372	G1	29	422	84	0	37	15	4	9	39	0	2	10	7	15	3	37	19	2	0
35471	G1	80	1253	328	2	170	68	52	126	39	1	9	37	28	55	8	107	58	24	0
35472	G1	80	1233	323	2	166	66	50	123	39	1	9	36	27	54	8	107	58	23	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Container Trucks from River Trade Terminal in Year 2036 (Hour - 0800-0900)^[1]

FlowID	Speed ^[2]	Container Trucks
3002	75	51
3036	25	123
3039	24	123
3048	23	204
3059	19	253
3061	75	51
3062	80	38
3086	19	253
3090	19	253
3091	23	204
3097	43	38
3109	29	81
3112	24	130
3114	25	177
3116	36	38
3118	29	153
3119	27	153
3124	24	153
3125	47	51
3127	25	38
3129	25	38
3130	25	38
3131	21	215
3133	24	215
3134	26	191
3135	28	143
3136	30	48
3137	23	48
3138	25	215
3139	25	10
3140	28	143
3143	24	38
3580	80	38
5023	43	38
5118	43	38
5125	36	51
5126	42	51
5128	43	51
5129	79	51
5133	38	38
5135	80	38
5138	29	204
5139	28	204
5140	36	0
5141	26	253
5142	26	130
5143	25	204
5144	31	123
5145	28	204
5146	29	81
5147	26	130
5148	27	130
5149	26	81
5151	20	81
5152	25	81
5153	19	81
5155	17	130
5159	45	38

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 3c

Peak Traffic Flow
(Pillar Point and Sam Shing Areas,
Year 2041)

Peak Traffic Flow in Year 2041 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3002	G1	72	1369	272	4	376	149	36	88	41	1	7	32	24	48	3	40	60	16	0
3004	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3006	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3007	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3008	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3009	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3010	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3011	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3012	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3016	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3018	G2	30	8	2	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3033	G2	30	12	2	0	6	2	1	1	0	0	0	0	0	0	0	0	1	0	0
3034	G2	28	48	10	0	23	9	2	5	0	0	0	1	1	2	0	0	2	1	0
3035	G2	27	60	12	0	29	11	3	7	0	0	0	1	1	2	0	0	3	1	0
3036	G2	24	5	1	1	96	38	9	22	0	0	0	0	0	0	0	0	0	4	0
3039	G2	23	58	12	1	106	42	10	25	0	0	0	1	1	2	0	0	3	5	0
3048	G2	22	590	117	2	160	63	15	37	14	0	3	14	10	21	1	14	26	7	0
3049	G2	28	24	5	0	12	5	1	3	0	0	0	1	0	1	0	0	1	1	0
3051	G2	27	60	12	0	29	11	3	7	0	0	0	1	1	2	0	0	3	1	0
3052	G2	28	36	7	0	17	7	2	4	0	0	0	1	1	1	0	0	2	1	0
3053	G2	29	24	5	0	12	5	1	3	0	0	0	1	0	1	0	0	1	1	0
3056	G2	30	4	1	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3057	G2	30	8	2	0	8	3	1	2	0	0	0	0	0	0	0	0	0	0	0
3058	G2	30	9	2	0	9	4	1	2	0	0	0	0	0	0	0	0	0	0	0
3059	G2	18	1043	207	3	308	122	29	72	14	1	5	25	18	37	1	13	46	13	0
3060	G2	30	2	0	0	6	2	1	1	0	0	0	0	0	0	0	0	0	0	0
3061	G1	72	1369	272	4	376	149	36	88	41	1	7	32	24	48	3	40	60	16	0
3062	G1	80	829	165	2	219	87	21	51	32	1	4	20	15	29	2	31	37	10	0
3071	G2	30	4	1	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3072	G2	30	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3074	G2	30	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3075	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3076	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3077	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3078	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3079	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3080	G2	30	7	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3081	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3082	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3083	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3085	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3086	G2	18	1056	210	3	298	118	28	69	9	1	6	25	19	37	1	8	47	13	0
3089	G2	30	9	2	0	9	4	1	2	0	0	0	0	0	0	0	0	0	0	0
3090	G2	18	1043	207	3	308	122	29	72	14	1	5	25	18	37	1	13	46	13	0
3091	G2	22	590	117	2	160	63	15	37	9	0	3	14	10	21	1	9	26	7	0
3097	G1	42	299	59	1	123	49	12	29	26	0	2	7	5	11	2	25	13	5	0
3103	G2	29	0	0	0	14	5	1	3	0	0	0	0	0	0	0	0	0	1	0
3104	G2	18	1083	215	3	243	97	23	57	20	1	6	26	19	38	1	19	48	11	0
3105	G2	27	42	8	0	34	14	3	8	0	0	0	1	1	1	0	0	2	1	0
3106	G2	20	733	146	2	227	90	22	53	20	1	4	17	13	26	1	19	32	10	0
3107	G2	24	350	70	0	38	15	4	9	0	0	2	8	6	12	0	0	15	2	0
3108	G2	20	678	135	3	293	116	28	68	20	1	4	16	12	24	1	20	30	13	0
3109	G2	28	11	2	1	50	20	5	12	0	0	0	0	0	0	0	0	0	2	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3110	G2	18	1083	215	3	243	97	23	57	20	1	6	26	19	38	1	19	48	11	0
3112	G2	24	131	26	1	106	42	10	25	0	0	1	3	2	5	0	0	6	5	0
3113	G2	20	636	126	3	281	111	27	66	20	0	3	15	11	22	1	20	28	12	0
3114	G1	25	916	182	2	226	90	21	53	17	1	5	22	16	32	1	16	40	10	0
3115	G1	49	0	0	0	0	0	0	0	12	0	0	0	0	0	1	12	0	0	0
3116	G1	35	299	59	1	123	49	12	29	14	0	2	7	5	11	1	13	13	5	0
3117	G1	46	213	42	0	17	7	2	4	31	0	1	5	4	8	2	30	9	1	0
3118	G1	29	300	60	1	117	46	11	27	8	0	2	7	5	11	1	8	13	5	0
3119	G1	27	513	102	1	134	53	13	31	39	0	3	12	9	18	3	38	23	6	0
3124	G2	24	300	60	1	117	46	11	27	8	0	2	7	5	11	1	8	13	5	0
3125	G1	41	290	58	0	43	17	4	10	1	0	2	7	5	10	0	1	13	2	0
3126	G2	29	16	3	0	1	1	0	0	14	0	0	0	0	1	1	14	1	0	0
3127	G2	24	308	61	1	72	28	7	17	7	0	2	7	5	11	1	7	14	3	0
3129	G2	24	308	61	1	72	28	7	17	7	0	2	7	5	11	1	7	14	3	0
3130	G2	24	308	61	1	72	28	7	17	7	0	2	7	5	11	1	7	14	3	0
3131	G2	20	748	149	2	226	90	21	53	1	1	4	18	13	26	0	1	33	10	0
3132	G1	30	213	42	0	17	7	2	4	31	0	1	5	4	8	2	30	9	1	0
3133	G1	24	961	191	3	243	96	23	57	32	1	5	23	17	34	2	31	42	11	0
3134	G1	26	599	119	3	240	95	23	56	21	0	3	14	11	21	2	21	26	10	0
3135	G1	28	430	85	2	167	66	16	39	0	0	2	10	8	15	0	0	19	7	0
3136	G1	30	169	34	1	73	29	7	17	21	0	1	4	3	6	2	21	7	3	0
3137	G1	23	1085	216	3	298	118	28	70	38	1	6	26	19	38	3	37	48	13	0
3138	G1	25	945	188	3	242	96	23	56	18	1	5	22	17	33	1	17	42	11	0
3139	G2	25	140	28	1	57	22	5	13	20	0	1	3	2	5	1	20	6	2	0
3140	G1	28	430	85	2	167	66	16	39	12	0	2	10	8	15	1	12	19	7	0
3143	G2	24	324	65	1	73	29	7	17	21	0	2	8	6	11	2	21	14	3	0
3180	G2	24	165	33	0	10	4	1	2	4	0	1	4	3	6	0	4	7	0	0
3181	G2	30	12	2	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
3184	G2	29	25	5	0	4	2	0	1	0	0	0	1	0	1	0	0	1	0	0
3186	G2	27	86	17	0	7	3	1	2	0	0	0	2	2	3	0	0	4	0	0
3188	G1	25	1259	250	1	51	20	5	12	28	1	7	30	22	44	2	28	56	2	0
3189	G1	27	665	132	1	63	25	6	15	28	1	3	16	12	23	2	27	29	3	0
3190	G2	30	17	3	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0
3191	G2	27	54	11	0	10	4	1	2	0	0	0	1	1	2	0	0	2	0	0
3192	G1	27	665	132	1	63	25	6	15	28	1	3	16	12	23	2	27	29	3	0
3193	G1	25	1253	249	1	51	20	5	12	28	1	7	30	22	44	2	27	55	2	0
3194	G2	30	12	2	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
3195	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
3202	G1	29	480	95	1	48	19	5	11	21	0	3	11	8	17	2	21	21	2	0
3209	G2	23	299	60	0	12	5	1	3	14	0	2	7	5	11	1	13	13	1	0
3210	G1	28	655	130	0	48	19	5	11	16	1	3	15	12	23	1	16	29	2	0
3211	G1	26	952	189	0	31	12	3	7	26	1	5	22	17	34	2	26	42	1	0
3212	G1	28	592	118	0	31	12	3	7	5	0	3	14	10	21	0	5	26	1	0
3213	G1	23	1543	307	1	62	25	6	15	31	1	8	36	27	54	2	30	68	3	0
3214	G2	28	0	0	0	0	0	0	0	14	0	0	0	0	0	1	13	0	0	0
3215	G1	27	766	152	1	83	33	8	19	28	1	4	18	14	27	2	27	34	4	0
3216	G1	26	757	151	1	83	33	8	19	31	1	4	18	13	27	2	30	33	4	0
3217	G2	23	614	122	0	24	10	2	6	7	0	3	14	11	22	0	6	27	1	0
3218	G1	29	396	79	0	16	6	1	4	38	0	2	9	7	14	3	37	18	1	0
3219	G1	29	335	67	0	43	17	4	10	28	0	2	8	6	12	2	27	15	2	0
3220	G1	34	63	13	0	17	7	2	4	11	0	0	1	1	2	1	10	3	1	0
3221	G1	26	1009	201	0	40	16	4	9	44	1	5	24	18	36	3	43	45	2	0
3440	G1	29	399	79	1	61	24	6	14	33	0	2	9	7	14	2	32	18	3	0
3479	G2	24	418	83	0	25	10	2	6	10	0	2	10	7	15	1	10	18	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3501	G1	44	175	46	0	22	9	7	17	3	0	1	5	4	8	1	8	8	3	0
3502	G1	20	719	188	1	66	26	20	49	15	1	5	21	16	32	3	42	34	9	0
3503	G1	48	1573	412	2	201	80	61	149	25	2	11	46	35	69	5	69	73	28	0
3504	G1	37	818	163	2	218	86	21	51	58	1	4	19	14	29	4	56	36	9	0
3505	G1	31	640	127	2	183	73	17	43	19	0	3	15	11	23	1	18	28	8	0
3509	G1	36	344	68	1	119	47	11	28	37	0	2	8	6	12	3	36	15	5	0
3510	G1	67	918	240	1	109	43	33	81	22	1	6	27	20	40	5	60	43	15	0
3511	G1	36	344	68	1	119	47	11	28	37	0	2	8	6	12	3	36	15	5	0
3512	G2	23	603	120	0	23	9	2	5	7	0	3	14	11	21	0	6	27	1	0
3513	G2	30	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3514	G2	23	614	122	0	24	10	2	6	7	0	3	14	11	22	0	6	27	1	0
3516	G1	71	2334	611	4	335	133	101	249	52	2	16	68	51	102	11	143	109	46	0
3517	G1	63	2334	611	4	335	133	101	249	52	2	16	68	51	102	11	143	109	46	0
3518	G2	29	21	4	0	3	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3519	G2	28	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3520	G1	37	818	163	2	218	86	21	51	58	1	4	19	14	29	4	56	36	9	0
3521	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3523	G1	29	377	75	1	52	21	5	12	39	0	2	9	7	13	3	37	17	2	0
3524	G1	26	1013	201	0	48	19	5	11	43	1	5	24	18	36	3	42	45	2	0
3525	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3526	G2	26	115	23	0	20	8	2	5	0	0	1	3	2	4	0	0	5	1	0
3527	G2	24	418	83	0	25	10	2	6	10	0	2	10	7	15	1	10	18	1	0
3528	G2	29	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3530	G1	26	977	194	0	41	16	4	10	45	1	5	23	17	34	3	44	43	2	0
3531	G2	29	29	6	0	7	3	1	2	0	0	0	1	1	1	0	0	1	0	0
3532	G2	22	594	118	1	54	21	5	13	0	0	3	14	11	21	0	0	26	2	0
3533	G2	22	594	118	1	54	21	5	13	0	0	3	14	11	21	0	0	26	2	0
3534	G2	28	76	15	0	3	1	0	1	0	0	0	2	1	3	0	0	3	0	0
3535	G2	28	67	13	0	2	1	0	0	0	0	0	2	1	2	0	0	3	0	0
3536	G2	26	127	25	0	4	2	0	1	0	0	1	3	2	4	0	0	6	0	0
3538	G1	29	424	84	0	18	7	2	4	38	0	2	10	8	15	3	37	19	1	0
3539	G1	44	175	46	0	22	9	7	17	3	0	1	5	4	8	1	8	8	3	0
3540	G1	71	2334	611	4	335	133	101	249	52	2	16	68	51	102	11	143	109	46	0
3542	G1	69	2508	657	4	357	142	108	265	55	3	18	73	55	110	11	151	117	49	0
3578	G2	25	165	33	0	10	4	1	2	4	0	1	4	3	6	0	4	7	0	0
3580	G1	80	829	165	2	219	87	21	51	32	1	4	20	15	29	2	31	37	10	0
3581	G2	25	75	15	0	17	7	2	4	0	0	0	2	1	3	0	0	3	1	0
3582	G2	27	38	7	0	9	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3584	G2	27	38	7	0	9	3	1	2	0	0	0	1	1	1	0	0	2	0	0
5009	G1	80	632	165	3	242	87	80	157	6	1	5	19	13	28	1	17	29	41	0
5015	G1	80	1110	291	3	272	98	90	177	8	1	8	33	23	50	2	22	52	46	0
5023	G1	43	256	67	1	69	28	21	51	12	0	2	8	6	11	2	33	12	10	0
5116	G1	73	1110	291	3	265	105	80	196	8	1	8	33	24	49	2	22	52	37	0
5117	G1	80	632	165	2	235	93	71	175	6	1	4	19	14	28	1	17	29	33	0
5118	G1	42	299	59	1	123	49	12	29	26	0	2	7	5	11	2	25	13	5	0
5122	G1	50	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0
5123	G1	80	680	135	4	381	151	36	89	14	1	4	16	12	24	1	13	30	17	0
5124	G1	80	1110	291	3	265	105	80	196	8	1	8	33	24	49	2	22	52	37	0
5125	G1	36	467	122	0	37	15	11	27	15	0	3	14	10	20	3	41	22	5	0
5126	G1	42	467	122	0	37	15	11	27	17	0	3	14	10	20	4	47	22	5	0
5127	G1	49	0	0	0	0	0	0	0	17	0	0	0	0	0	4	47	0	0	0
5128	G1	42	467	122	0	37	15	11	27	0	0	3	14	10	20	0	0	22	5	0
5129	G1	76	1272	333	2	232	92	70	172	0	1	9	37	28	56	0	0	59	32	0
5130	G1	43	305	80	1	70	28	21	52	8	0	2	9	7	13	2	22	14	10	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
5131	G1	42	117	31	2	169	67	51	126	3	0	1	3	3	5	1	8	5	23	0
5132	G1	80	554	110	1	106	42	10	25	7	0	3	13	10	20	1	7	24	5	0
5133	G1	37	256	67	1	69	28	21	51	12	0	2	8	6	11	2	33	12	10	0
5134	G1	49	0	0	0	0	0	0	0	25	0	0	0	0	0	2	24	0	0	0
5135	G1	80	554	110	1	106	42	10	25	7	0	3	13	10	20	1	7	24	5	0
5136	G2	27	99	20	0	15	6	1	3	0	0	1	2	2	4	0	0	4	1	0
5137	G2	28	21	4	0	43	17	4	10	0	0	0	0	0	1	0	0	1	2	0
5138	G1	27	583	116	2	185	73	18	43	14	0	3	14	10	21	1	14	26	8	0
5139	G1	26	603	120	2	228	90	22	53	14	0	3	14	11	21	1	14	27	10	0
5140	G1	33	14	3	1	68	27	6	16	0	0	0	0	0	0	0	0	1	3	0
5141	G1	24	1008	201	3	304	120	29	71	14	1	5	24	18	36	1	13	45	13	0
5142	G1	24	999	199	3	270	107	26	63	14	1	5	24	18	35	1	13	44	12	0
5143	G1	23	1004	200	4	366	145	35	85	14	1	5	24	18	35	1	13	44	16	0
5144	G1	30	68	14	1	78	31	7	18	0	0	0	2	1	2	0	0	3	3	0
5145	G1	26	687	137	2	235	93	22	55	14	1	4	16	12	24	1	14	30	10	0
5146	G1	27	619	123	2	156	62	15	36	14	0	3	15	11	22	1	14	27	7	0
5147	G1	24	941	187	3	323	128	31	75	14	1	5	22	17	33	1	13	42	14	0
5148	G1	26	1270	252	5	436	173	41	102	20	1	7	30	22	45	1	19	56	19	0
5149	G1	24	745	148	4	431	171	41	100	20	1	4	18	13	26	1	20	33	19	0
5150	G2	30	0	0	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
5151	G2	18	745	148	5	438	174	42	102	20	1	4	18	13	26	1	20	33	19	0
5152	G2	25	67	13	2	144	57	14	34	0	0	0	2	1	2	0	0	3	6	0
5153	G2	16	1149	229	4	388	154	37	90	20	1	6	27	20	41	1	19	51	17	0
5154	G2	17	1139	226	4	337	134	32	79	20	1	6	27	20	40	1	19	50	15	0
5155	G2	15	1270	252	5	443	176	42	103	20	1	7	30	22	45	1	19	56	19	0
5156	G2	20	678	135	3	293	116	28	68	20	1	4	16	12	24	1	20	30	13	0
5157	G2	18	1083	215	3	243	97	23	57	20	1	6	26	19	38	1	19	48	11	0
5158	G1	80	805	211	2	195	77	59	145	0	1	6	24	18	35	0	0	38	27	0
5159	G1	44	256	67	1	69	28	21	51	1	0	2	8	6	11	0	2	12	10	0
5160	G1	50	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6	0	0	0
5161	G1	80	632	165	2	235	93	71	175	6	1	4	19	14	28	1	17	29	33	0
5162	G2	30	5	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5163	G2	30	5	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5165	G2	30	7	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5166	G2	30	6	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5167	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5168	G2	30	11	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5169	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5170	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5171	G1	80	676	134	4	379	150	36	88	14	1	4	16	12	24	1	13	30	16	0
9030	G1	49	20	5	0	4	2	1	3	0	0	0	1	0	1	0	0	1	1	0
35371	G1	29	395	79	1	54	21	5	13	39	0	2	9	7	14	3	37	17	2	0
35372	G1	29	398	79	1	59	24	6	14	39	0	2	9	7	14	3	37	18	3	0
35471	G1	80	1258	329	2	187	74	56	139	39	1	9	37	28	55	8	107	59	26	0
35472	G1	80	1238	324	2	182	72	55	135	39	1	9	36	27	54	8	107	58	25	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Container Trucks from River Trade Terminal in Year 2041 (Hour - 0800-0900)^[1]

FlowID	Speed ^[2]	Container Trucks
3002	72	51
3036	24	123
3039	23	123
3048	22	204
3059	18	253
3061	72	51
3062	80	38
3086	18	253
3090	18	253
3091	22	204
3097	42	38
3109	28	81
3112	24	130
3114	25	177
3116	35	38
3118	29	153
3119	27	153
3124	24	153
3125	41	51
3127	24	38
3129	24	38
3130	24	38
3131	20	215
3133	24	215
3134	26	191
3135	28	143
3136	30	48
3137	23	48
3138	25	215
3139	25	10
3140	28	143
3143	24	38
3580	80	38
5023	43	38
5118	42	38
5125	36	51
5126	42	51
5128	42	51
5129	76	51
5133	37	38
5135	80	38
5138	27	204
5139	26	204
5140	33	0
5141	24	253
5142	24	130
5143	23	204
5144	30	123
5145	26	204
5146	27	81
5147	24	130
5148	26	130
5149	24	81
5151	18	81
5152	25	81
5153	16	81
5155	15	130
5159	44	38

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 3d

Peak Traffic Flow
(Pillar Point and Sam Shing Areas,
Year 2046)

Peak Traffic Flow in Year 2046 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3002	G1	70	1369	272	5	451	179	43	105	41	1	7	32	24	48	3	40	60	20	0
3004	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3006	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3007	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3008	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3009	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3010	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3011	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3012	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3016	G2	30	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3018	G2	30	8	2	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3033	G2	30	13	3	0	6	2	1	1	0	0	0	0	0	0	0	0	1	0	0
3034	G2	27	54	11	0	25	10	2	6	0	0	0	1	1	2	0	0	2	1	0
3035	G2	27	67	13	0	31	12	3	7	0	0	0	2	1	2	0	0	3	1	0
3036	G2	24	6	1	1	105	41	10	24	0	0	0	0	0	0	0	0	0	5	0
3039	G2	24	41	8	1	106	42	10	25	0	0	0	1	1	1	0	0	2	5	0
3048	G2	21	626	125	2	191	76	18	45	14	0	3	15	11	22	1	14	28	8	0
3049	G2	28	27	5	0	12	5	1	3	0	0	0	1	0	1	0	0	1	1	0
3051	G2	27	67	13	0	31	12	3	7	0	0	0	2	1	2	0	0	3	1	0
3052	G2	28	40	8	0	19	7	2	4	0	0	0	1	1	1	0	0	2	1	0
3053	G2	29	27	5	0	12	5	1	3	0	0	0	1	0	1	0	0	1	1	0
3056	G2	30	4	1	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3057	G2	30	9	2	0	9	4	1	2	0	0	0	0	0	0	0	0	0	0	0
3058	G2	30	10	2	0	10	4	1	2	0	0	0	0	0	0	0	0	0	0	0
3059	G2	16	1243	247	4	352	140	33	82	14	1	6	29	22	44	1	13	55	15	0
3060	G2	30	2	0	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
3061	G1	70	1369	272	5	451	179	43	105	41	1	7	32	24	48	3	40	60	20	0
3062	G1	80	899	179	2	229	91	22	53	32	1	5	21	16	32	2	31	40	10	0
3071	G2	30	4	1	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3072	G2	30	8	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3074	G2	30	8	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3075	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3076	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3077	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3078	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3079	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3080	G2	30	8	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3081	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3082	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3083	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3085	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3086	G2	17	1258	250	4	341	135	32	80	9	1	7	30	22	44	1	8	56	15	0
3089	G2	30	10	2	0	10	4	1	2	0	0	0	0	0	0	0	0	0	0	0
3090	G2	16	1243	247	4	352	140	33	82	14	1	6	29	22	44	1	13	55	15	0
3091	G2	21	626	125	2	191	76	18	45	9	0	3	15	11	22	1	9	28	8	0
3097	G1	42	301	60	1	122	48	12	28	26	0	2	7	5	11	2	25	13	5	0
3103	G2	29	0	0	0	14	5	1	3	0	0	0	0	0	0	0	0	0	1	0
3104	G2	17	1282	255	3	262	104	25	61	20	1	7	30	23	45	1	19	57	11	0
3105	G2	27	46	9	0	37	15	3	9	0	0	0	1	1	2	0	0	2	2	0
3106	G2	19	878	175	3	246	97	23	57	20	1	5	21	16	31	1	19	39	11	0
3107	G2	24	404	80	0	39	16	4	9	0	0	2	10	7	14	0	0	18	2	0
3108	G2	19	733	146	3	333	132	32	78	20	1	4	17	13	26	1	20	32	14	0
3109	G2	28	12	2	1	55	22	5	13	0	0	0	0	0	0	0	0	1	2	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3110	G2	17	1282	255	3	262	104	25	61	20	1	7	30	23	45	1	19	57	11	0
3112	G2	24	151	30	1	110	44	10	26	0	0	1	4	3	5	0	0	7	5	0
3113	G2	19	687	137	3	318	126	30	74	20	1	4	16	12	24	1	20	30	14	0
3114	G1	25	923	184	3	249	99	24	58	17	1	5	22	16	33	1	16	41	11	0
3115	G1	49	0	0	0	0	0	0	0	12	0	0	0	0	0	1	12	0	0	0
3116	G1	35	301	60	1	122	48	12	28	14	0	2	7	5	11	1	13	13	5	0
3117	G1	47	130	26	0	16	6	2	4	31	0	1	3	2	5	2	30	6	1	0
3118	G1	29	300	60	1	117	46	11	27	8	0	2	7	5	11	1	8	13	5	0
3119	G1	27	513	102	1	134	53	13	31	39	0	3	12	9	18	3	38	23	6	0
3124	G2	23	323	64	1	128	51	12	30	8	0	2	8	6	11	1	8	14	6	0
3125	G1	40	304	60	1	63	25	6	15	1	0	2	7	5	11	0	1	13	3	0
3126	G2	28	26	5	0	7	3	1	2	14	0	0	1	0	1	1	14	1	0	0
3127	G2	24	397	79	1	84	33	8	20	7	0	2	9	7	14	1	7	18	4	0
3129	G2	24	397	79	1	84	33	8	20	7	0	2	9	7	14	1	7	18	4	0
3130	G2	24	397	79	1	84	33	8	20	7	0	2	9	7	14	1	7	18	4	0
3131	G2	19	861	171	3	257	102	24	60	1	1	4	20	15	30	0	1	38	11	0
3132	G1	30	213	42	0	17	7	2	4	31	0	1	5	4	8	2	30	9	1	0
3133	G1	24	961	191	3	243	96	23	57	32	1	5	23	17	34	2	31	42	11	0
3134	G1	26	599	119	3	240	95	23	56	21	0	3	14	11	21	2	21	26	10	0
3135	G1	28	429	85	2	173	69	16	40	0	0	2	10	8	15	0	0	19	8	0
3136	G1	30	169	34	1	73	29	7	17	21	0	1	4	3	6	2	21	7	3	0
3137	G1	23	1085	216	3	298	118	28	70	38	1	6	26	19	38	3	37	48	13	0
3138	G1	25	945	188	3	242	96	23	56	18	1	5	22	17	33	1	17	42	11	0
3139	G2	25	153	30	1	60	24	6	14	20	0	1	4	3	5	1	20	7	3	0
3140	G1	28	429	85	2	173	69	16	40	12	0	2	10	8	15	1	12	19	8	0
3143	G2	23	424	84	1	91	36	9	21	21	0	2	10	7	15	2	21	19	4	0
3180	G2	24	165	33	0	10	4	1	2	4	0	1	4	3	6	0	4	7	0	0
3181	G2	30	12	2	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
3184	G2	29	25	5	0	5	2	0	1	0	0	0	1	0	1	0	0	1	0	0
3186	G2	27	88	18	0	8	3	1	2	0	0	0	2	2	3	0	0	4	0	0
3188	G1	25	1281	255	1	52	20	5	12	28	1	7	30	23	45	2	28	57	2	0
3189	G1	27	665	132	1	73	29	7	17	28	1	3	16	12	23	2	27	29	3	0
3190	G2	30	18	4	0	2	1	0	0	0	0	0	0	0	1	0	0	1	0	0
3191	G2	26	55	11	0	11	4	1	3	0	0	0	1	1	2	0	0	2	0	0
3192	G1	27	665	132	1	73	29	7	17	28	1	3	16	12	23	2	27	29	3	0
3193	G1	25	1275	253	1	51	20	5	12	28	1	7	30	23	45	2	27	56	2	0
3194	G2	30	12	2	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
3195	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
3202	G1	29	467	93	1	54	21	5	13	21	0	2	11	8	16	2	21	21	2	0
3209	G2	23	289	58	0	10	4	1	2	14	0	2	7	5	10	1	13	13	0	0
3210	G1	28	653	130	1	49	20	5	12	16	1	3	15	12	23	1	16	29	2	0
3211	G1	26	961	191	0	30	12	3	7	26	1	5	23	17	34	2	26	42	1	0
3212	G1	28	594	118	0	30	12	3	7	5	0	3	14	11	21	0	5	26	1	0
3213	G1	23	1555	309	1	61	24	6	14	31	1	8	37	28	55	2	30	69	3	0
3214	G2	28	0	0	0	0	0	0	0	14	0	0	0	0	0	1	13	0	0	0
3215	G1	27	767	152	1	95	38	9	22	28	1	4	18	14	27	2	27	34	4	0
3216	G1	26	757	151	1	94	37	9	22	31	1	4	18	13	27	2	30	33	4	0
3217	G2	22	640	127	0	27	11	3	6	7	0	3	15	11	23	0	6	28	1	0
3218	G1	29	380	76	0	13	5	1	3	38	0	2	9	7	13	3	37	17	1	0
3219	G1	29	349	69	1	50	20	5	12	28	0	2	8	6	12	2	27	15	2	0
3220	G1	34	59	12	0	19	8	2	4	11	0	0	1	1	2	1	10	3	1	0
3221	G1	26	1019	203	0	40	16	4	9	44	1	5	24	18	36	3	43	45	2	0
3440	G1	28	424	84	1	71	28	7	17	33	0	2	10	7	15	2	32	19	3	0
3479	G2	24	414	82	0	27	11	3	6	10	0	2	10	7	15	1	10	18	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3501	G1	43	194	51	0	21	8	6	16	3	0	1	6	4	9	1	8	9	3	0
3502	G1	20	674	176	1	72	28	22	53	15	1	5	20	15	30	3	42	31	10	0
3503	G1	46	1747	458	2	191	76	58	142	25	2	12	51	38	77	5	69	81	26	0
3504	G1	37	832	165	2	216	86	21	50	58	1	4	20	15	29	4	56	37	9	0
3505	G1	31	632	126	2	195	77	19	45	19	0	3	15	11	22	1	18	28	8	0
3509	G1	34	437	87	2	150	60	14	35	37	0	2	10	8	15	3	36	19	7	0
3510	G1	66	913	239	1	117	47	35	87	22	1	6	27	20	40	5	60	43	16	0
3511	G1	34	437	87	2	150	60	14	35	37	0	2	10	8	15	3	36	19	7	0
3512	G2	23	630	125	0	26	10	2	6	7	0	3	15	11	22	0	6	28	1	0
3513	G2	30	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3514	G2	22	640	127	0	27	11	3	6	7	0	3	15	11	23	0	6	28	1	0
3516	G1	70	2521	660	3	324	129	98	241	52	3	18	74	55	110	11	143	118	45	0
3517	G1	62	2521	660	3	324	129	98	241	52	3	18	74	55	110	11	143	118	45	0
3518	G2	29	21	4	0	3	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3519	G2	28	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3520	G1	37	832	165	2	216	86	21	50	58	1	4	20	15	29	4	56	37	9	0
3521	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3523	G1	29	384	76	1	60	24	6	14	39	0	2	9	7	14	3	37	17	3	0
3524	G1	26	1026	204	1	52	21	5	12	43	1	5	24	18	36	3	42	45	2	0
3525	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3526	G2	26	115	23	0	20	8	2	5	0	0	1	3	2	4	0	0	5	1	0
3527	G2	24	414	82	0	27	11	3	6	10	0	2	10	7	15	1	10	18	1	0
3528	G2	29	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3530	G1	26	990	197	0	45	18	4	10	45	1	5	23	18	35	3	44	44	2	0
3531	G2	29	29	6	0	7	3	1	2	0	0	0	1	1	1	0	0	1	0	0
3532	G2	22	619	123	1	66	26	6	15	0	0	3	15	11	22	0	0	27	3	0
3533	G2	22	619	123	1	66	26	6	15	0	0	3	15	11	22	0	0	27	3	0
3534	G2	28	76	15	0	3	1	0	1	0	0	0	2	1	3	0	0	3	0	0
3535	G2	28	67	13	0	2	1	0	0	0	0	0	2	1	2	0	0	3	0	0
3536	G2	26	127	25	0	4	2	0	1	0	0	1	3	2	4	0	0	6	0	0
3538	G1	29	408	81	0	15	6	1	4	38	0	2	10	7	14	3	37	18	1	0
3539	G1	43	194	51	0	21	8	6	16	3	0	1	6	4	9	1	8	9	3	0
3540	G1	70	2521	660	3	324	129	98	241	52	3	18	74	55	110	11	143	118	45	0
3542	G1	65	2715	711	4	345	137	105	256	55	3	19	80	60	119	11	151	127	48	0
3578	G2	25	165	33	0	10	4	1	2	4	0	1	4	3	6	0	4	7	0	0
3580	G1	80	899	179	2	229	91	22	53	32	1	5	21	16	32	2	31	40	10	0
3581	G2	25	84	17	0	18	7	2	4	0	0	0	2	1	3	0	0	4	1	0
3582	G2	27	42	8	0	9	4	1	2	0	0	0	1	1	1	0	0	2	0	0
3584	G2	27	42	8	0	9	4	1	2	0	0	0	1	1	1	0	0	2	0	0
5009	G1	80	716	188	3	264	95	88	172	6	1	5	21	15	32	1	17	33	45	0
5015	G1	80	1187	311	3	294	106	97	191	8	1	8	35	24	53	2	22	55	50	0
5023	G1	43	256	67	1	68	27	21	51	12	0	2	7	6	11	2	33	12	9	0
5116	G1	72	1187	311	3	286	114	87	212	8	1	8	35	26	52	2	22	55	40	0
5117	G1	79	716	188	3	257	102	78	191	6	1	5	21	16	31	1	17	33	36	0
5118	G1	42	301	60	1	122	48	12	28	26	0	2	7	5	11	2	25	13	5	0
5122	G1	50	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0
5123	G1	78	771	153	4	417	165	40	97	14	1	4	18	14	27	1	13	34	18	0
5124	G1	80	1187	311	3	286	114	87	212	8	1	8	35	26	52	2	22	55	40	0
5125	G1	37	403	106	1	49	19	15	36	15	0	3	12	9	18	3	41	19	7	0
5126	G1	42	403	106	1	49	19	15	36	17	0	3	12	9	18	4	47	19	7	0
5127	G1	49	0	0	0	0	0	0	0	17	0	0	0	0	0	4	47	0	0	0
5128	G1	43	403	106	1	49	19	15	36	0	0	3	12	9	18	0	0	19	7	0
5129	G1	74	1272	333	3	279	111	84	207	0	1	9	37	28	56	0	0	59	39	0
5130	G1	44	319	83	1	56	22	17	42	8	0	2	9	7	14	2	22	15	8	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
5131	G1	41	137	36	2	184	73	56	136	3	0	1	4	3	6	1	8	6	25	0
5132	G1	80	624	124	1	119	47	11	28	7	0	3	15	11	22	1	7	28	5	0
5133	G1	37	256	67	1	68	27	21	51	12	0	2	7	6	11	2	33	12	9	0
5134	G1	49	0	0	0	0	0	0	0	25	0	0	0	0	0	2	24	0	0	0
5135	G1	80	624	124	1	119	47	11	28	7	0	3	15	11	22	1	7	28	5	0
5136	G2	27	111	22	0	15	6	1	4	0	0	1	3	2	4	0	0	5	1	0
5137	G2	27	23	5	0	47	19	4	11	0	0	0	1	0	1	0	0	1	2	0
5138	G1	26	619	123	2	211	84	20	49	14	0	3	15	11	22	1	14	27	9	0
5139	G1	26	641	128	3	258	102	25	60	14	0	3	15	11	23	1	14	28	11	0
5140	G1	33	15	3	1	67	27	6	16	0	0	0	0	0	1	0	0	1	3	0
5141	G1	23	1226	244	4	343	136	33	80	14	1	6	29	22	43	1	13	54	15	0
5142	G1	23	1217	242	3	313	124	30	73	14	1	6	29	22	43	1	13	54	14	0
5143	G1	19	1222	243	4	418	166	40	97	14	1	6	29	22	43	1	13	54	18	0
5144	G1	30	79	16	1	86	34	8	20	0	0	0	2	1	3	0	0	4	4	0
5145	G1	25	735	146	3	263	105	25	61	14	1	4	17	13	26	1	14	32	11	0
5146	G1	27	656	130	2	178	70	17	41	14	1	3	15	12	23	1	14	29	8	0
5147	G1	23	1148	228	4	369	147	35	86	14	1	6	27	20	41	1	13	51	16	0
5148	G1	25	1491	296	5	460	183	44	107	20	1	8	35	26	53	1	19	66	20	0
5149	G1	23	803	160	5	475	189	45	111	20	1	4	19	14	28	1	20	35	21	0
5150	G2	30	0	0	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
5151	G2	17	803	160	5	482	191	46	113	20	1	4	19	14	28	1	20	35	21	0
5152	G2	25	70	14	2	150	59	14	35	0	0	0	2	1	2	0	0	3	7	0
5153	G2	15	1352	269	4	412	164	39	96	20	1	7	32	24	48	1	19	60	18	0
5154	G2	15	1340	266	4	357	142	34	83	20	1	7	32	24	47	1	19	59	16	0
5155	G2	15	1491	297	5	468	186	44	109	20	1	8	35	26	53	1	19	66	20	0
5156	G2	19	733	146	3	333	132	32	78	20	1	4	17	13	26	1	20	32	14	0
5157	G2	17	1282	255	3	262	104	25	61	20	1	7	30	23	45	1	19	57	11	0
5158	G1	80	869	227	2	230	91	70	171	0	1	6	25	19	38	0	0	41	32	0
5159	G1	45	256	67	1	68	27	21	51	1	0	2	7	6	11	0	2	12	9	0
5160	G1	50	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6	0	0	0
5161	G1	79	716	188	3	257	102	78	191	6	1	5	21	16	31	1	17	33	36	0
5162	G2	30	5	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5163	G2	30	5	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5165	G2	30	7	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5166	G2	30	6	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5167	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5168	G2	30	11	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5169	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5170	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5171	G1	79	767	153	4	415	165	39	97	14	1	4	18	14	27	1	13	34	18	0
9030	G1	49	22	6	0	6	2	2	4	0	0	0	1	0	1	0	0	1	1	0
35371	G1	29	402	80	1	61	24	6	14	39	0	2	9	7	14	3	37	18	3	0
35372	G1	28	408	81	1	69	27	7	16	39	0	2	10	7	14	3	37	18	3	0
35471	G1	80	1341	351	2	215	85	65	160	39	1	9	39	29	59	8	107	63	30	0
35472	G1	80	1319	345	2	210	83	63	156	39	1	9	39	29	58	8	107	61	29	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Container Trucks from River Trade Terminal in Year 2046 (Hour - 0800-0900) ^[1]

FlowID	Speed ^[2]	Container Trucks
3002	70	51
3036	24	123
3039	24	123
3048	21	204
3059	16	253
3061	70	51
3062	80	38
3086	17	253
3090	16	253
3091	21	204
3097	42	38
3109	28	81
3112	24	130
3114	25	177
3116	35	38
3118	29	153
3119	27	153
3124	23	153
3125	40	51
3127	24	38
3129	24	38
3130	24	38
3131	19	215
3133	24	215
3134	26	191
3135	28	143
3136	30	48
3137	23	48
3138	25	215
3139	25	10
3140	28	143
3143	23	38
3580	80	38
5023	43	38
5118	42	38
5125	37	51
5126	42	51
5128	43	51
5129	74	51
5133	37	38
5135	80	38
5138	26	204
5139	26	204
5140	33	0
5141	23	253
5142	23	130
5143	19	204
5144	30	123
5145	25	204
5146	27	81
5147	23	130
5148	25	130
5149	23	81
5151	17	81
5152	25	81
5153	15	81
5155	15	130
5159	45	38

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Annex - 3e

Peak Traffic Flow
(Pillar Point and Sam Shing Areas,
Year 2048)

Peak Traffic Flow in Year 2048 (Hour - 0800-0900) ^[1]

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3002	G1	69	1413	281	5	458	182	44	107	41	1	7	33	25	50	3	40	62	20	0
3004	G2	30	1	0	0	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3006	G2	30	1	0	0	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3007	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3008	G2	30	1	0	0	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3009	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3010	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3011	G2	30	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3012	G2	30	7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3016	G2	30	1	0	0	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3018	G2	30	8	2	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3033	G2	30	14	3	0	8	3	1	2	0	0	0	0	0	0	0	0	1	0	0
3034	G2	27	57	11	0	31	12	3	7	0	0	0	1	1	2	0	0	2	1	0
3035	G2	26	71	14	0	38	15	4	9	0	0	0	2	1	2	0	0	3	2	0
3036	G2	23	8	2	1	128	51	12	30	0	0	0	0	0	0	0	0	0	6	0
3039	G2	23	77	15	1	124	49	12	29	0	0	0	2	1	3	0	0	3	5	0
3048	G2	19	923	184	3	257	102	24	60	14	1	5	22	16	33	1	14	41	11	0
3049	G2	27	28	6	0	15	6	1	4	0	0	0	1	1	1	0	0	1	1	0
3051	G2	26	71	14	0	38	15	4	9	0	0	0	2	1	2	0	0	3	2	0
3052	G2	28	42	8	0	23	9	2	5	0	0	0	1	1	1	0	0	2	1	0
3053	G2	29	28	6	0	15	6	1	4	0	0	0	1	1	1	0	0	1	1	0
3056	G2	30	5	1	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3057	G2	29	9	2	0	10	4	1	2	0	0	0	0	0	0	0	0	0	0	0
3058	G2	29	10	2	0	11	4	1	3	0	0	0	0	0	0	0	0	0	0	0
3059	G2	15	1248	248	4	384	152	37	90	14	1	7	29	22	44	1	13	55	17	0
3060	G2	30	3	1	0	8	3	1	2	0	0	0	0	0	0	0	0	0	0	0
3061	G1	69	1413	281	5	458	182	44	107	41	1	7	33	25	50	3	40	62	20	0
3062	G1	80	1006	200	2	196	78	19	46	32	1	5	24	18	35	2	31	44	9	0
3071	G2	30	5	1	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3072	G2	30	8	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3074	G2	30	8	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3075	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3076	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3077	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3078	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3079	G2	30	4	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3080	G2	30	8	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3081	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3082	G2	30	2	0	0	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0
3083	G2	30	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3085	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3086	G2	15	1262	251	4	370	147	35	86	9	1	7	30	22	45	1	8	56	16	0
3089	G2	29	10	2	0	11	4	1	3	0	0	0	0	0	0	0	0	0	0	0
3090	G2	15	1248	248	4	384	152	37	90	14	1	7	29	22	44	1	13	55	17	0
3091	G2	19	923	184	3	257	102	24	60	9	1	5	22	16	33	1	9	41	11	0
3097	G1	45	232	46	1	56	22	5	13	26	0	1	5	4	8	2	25	10	2	0
3103	G2	29	0	0	0	14	5	1	3	0	0	0	0	0	0	0	0	0	1	0
3104	G2	17	1240	247	3	284	113	27	66	20	1	6	29	22	44	1	19	55	12	0
3105	G2	26	67	13	0	47	19	4	11	0	0	0	2	1	2	0	0	3	2	0
3106	G2	19	847	168	3	266	106	25	62	20	1	4	20	15	30	1	19	37	12	0
3107	G2	24	393	78	0	41	16	4	10	0	0	2	9	7	14	0	0	17	2	0
3108	G2	18	865	172	4	396	157	38	92	20	1	5	20	15	31	1	20	38	17	0
3109	G2	27	17	3	1	72	28	7	17	0	0	0	0	0	1	0	0	1	3	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3110	G2	17	1240	247	3	284	113	27	66	20	1	6	29	22	44	1	19	55	12	0
3112	G2	24	147	29	1	119	47	11	28	0	0	1	3	3	5	0	0	6	5	0
3113	G2	18	798	159	4	372	148	35	87	20	1	4	19	14	28	1	20	35	16	0
3114	G1	25	890	177	3	266	106	25	62	17	1	5	21	16	31	1	16	39	12	0
3115	G1	49	0	0	0	0	0	0	0	12	0	0	0	0	0	1	12	0	0	0
3116	G1	39	232	46	1	56	22	5	13	14	0	1	5	4	8	1	13	10	2	0
3117	G1	47	137	27	0	15	6	1	3	31	0	1	3	2	5	2	30	6	1	0
3118	G1	29	300	60	1	117	46	11	27	8	0	2	7	5	11	1	8	13	5	0
3119	G1	27	513	102	1	134	53	13	31	39	0	3	12	9	18	3	38	23	6	0
3124	G2	21	602	120	2	200	80	19	47	8	0	3	14	11	21	1	8	27	9	0
3125	G1	40	321	64	1	56	22	5	13	1	0	2	8	6	11	0	1	14	2	0
3126	G2	29	21	4	0	5	2	0	1	14	0	0	0	0	1	1	14	1	0	0
3127	G2	23	444	88	1	97	38	9	23	7	0	2	10	8	16	1	7	20	4	0
3129	G2	23	444	88	1	97	38	9	23	7	0	2	10	8	16	1	7	20	4	0
3130	G2	23	444	88	1	97	38	9	23	7	0	2	10	8	16	1	7	20	4	0
3131	G2	20	818	163	3	274	109	26	64	1	1	4	19	14	29	0	1	36	12	0
3132	G1	30	213	42	0	17	7	2	4	31	0	1	5	4	8	2	30	9	1	0
3133	G1	24	961	191	3	243	96	23	57	32	1	5	23	17	34	2	31	42	11	0
3134	G1	26	599	119	3	240	95	23	56	21	0	3	14	11	21	2	21	26	10	0
3135	G1	27	509	101	2	204	81	19	48	0	0	3	12	9	18	0	0	22	9	0
3136	G1	30	169	34	1	73	29	7	17	21	0	1	4	3	6	2	21	7	3	0
3137	G1	23	1085	216	3	298	118	28	70	38	1	6	26	19	38	3	37	48	13	0
3138	G1	25	945	188	3	242	96	23	56	18	1	5	22	17	33	1	17	42	11	0
3139	G2	24	282	56	0	35	14	3	8	20	0	1	7	5	10	1	20	12	2	0
3140	G1	27	509	101	2	204	81	19	48	12	0	3	12	9	18	1	12	22	9	0
3143	G2	23	465	92	1	101	40	10	24	21	0	2	11	8	16	2	21	21	4	0
3180	G2	25	129	26	0	10	4	1	2	4	0	1	3	2	5	0	4	6	0	0
3181	G2	30	12	2	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
3184	G2	29	24	5	0	5	2	0	1	0	0	0	1	0	1	0	0	1	0	0
3186	G2	28	84	17	0	8	3	1	2	0	0	0	2	1	3	0	0	4	0	0
3188	G1	25	1259	250	1	61	24	6	14	28	1	7	30	22	44	2	28	56	3	0
3189	G1	28	631	125	1	72	29	7	17	28	0	3	15	11	22	2	27	28	3	0
3190	G2	30	17	3	0	2	1	0	0	0	0	0	0	0	1	0	0	1	0	0
3191	G2	26	54	11	0	11	4	1	3	0	0	0	1	1	2	0	0	2	0	0
3192	G1	28	631	125	1	72	29	7	17	28	0	3	15	11	22	2	27	28	3	0
3193	G1	25	1253	249	1	61	24	6	14	28	1	7	30	22	44	2	27	55	3	0
3194	G2	30	12	2	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
3195	G2	30	14	3	0	3	1	0	1	0	0	0	0	0	1	0	0	1	0	0
3202	G1	28	458	91	1	64	26	6	15	21	0	2	11	8	16	2	21	20	3	0
3209	G2	23	293	58	0	14	5	1	3	14	0	2	7	5	10	1	13	13	1	0
3210	G1	28	639	127	1	53	21	5	12	16	0	3	15	11	23	1	16	28	2	0
3211	G1	26	957	190	0	40	16	4	9	26	1	5	23	17	34	2	26	42	2	0
3212	G1	28	579	115	0	34	14	3	8	5	0	3	14	10	20	0	5	26	1	0
3213	G1	23	1537	306	1	74	29	7	17	31	1	8	36	27	54	2	30	68	3	0
3214	G2	28	0	0	0	0	0	0	0	14	0	0	0	0	0	1	13	0	0	0
3215	G1	27	730	145	1	94	37	9	22	28	1	4	17	13	26	2	27	32	4	0
3216	G1	26	721	143	1	94	37	9	22	31	1	4	17	13	25	2	30	32	4	0
3217	G2	23	625	124	0	31	12	3	7	7	0	3	15	11	22	0	6	28	1	0
3218	G1	29	389	77	0	18	7	2	4	38	0	2	9	7	14	3	37	17	1	0
3219	G1	29	319	64	0	38	15	4	9	28	0	2	8	6	11	2	27	14	2	0
3220	G1	34	60	12	0	19	8	2	4	11	0	0	1	1	2	1	10	3	1	0
3221	G1	26	1013	201	1	49	19	5	11	44	1	5	24	18	36	3	43	45	2	0
3440	G1	29	380	76	1	61	24	6	14	33	0	2	9	7	13	2	32	17	3	0
3479	G2	24	373	74	0	27	11	3	6	10	0	2	9	7	13	1	10	16	1	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
3501	G1	43	165	43	0	30	12	9	22	3	0	1	5	4	7	1	8	8	4	0
3502	G1	20	667	175	1	81	32	24	60	15	1	5	20	15	29	3	42	31	11	0
3503	G1	46	1487	389	3	269	107	82	200	25	2	10	44	33	65	5	69	69	37	0
3504	G1	37	820	163	2	227	90	22	53	58	1	4	19	15	29	4	56	36	10	0
3505	G1	31	620	123	2	203	81	19	47	19	0	3	15	11	22	1	18	27	9	0
3509	G1	34	418	83	2	167	66	16	39	37	0	2	10	7	15	3	36	18	7	0
3510	G1	66	934	244	1	134	53	41	100	22	1	7	27	21	41	5	60	44	19	0
3511	G1	34	418	83	2	167	66	16	39	37	0	2	10	7	15	3	36	18	7	0
3512	G2	23	615	122	0	31	12	3	7	7	0	3	14	11	22	0	6	27	1	0
3513	G2	30	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3514	G2	23	625	124	0	31	12	3	7	7	0	3	15	11	22	0	6	28	1	0
3516	G1	70	2249	589	4	409	162	124	304	52	2	16	66	49	99	11	143	105	57	0
3517	G1	62	2249	589	4	409	162	124	304	52	2	16	66	49	99	11	143	105	57	0
3518	G2	29	21	4	0	3	1	0	1	0	0	0	1	0	1	0	0	1	0	0
3519	G2	28	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3520	G1	37	820	163	2	227	90	22	53	58	1	4	19	15	29	4	56	36	10	0
3521	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3523	G1	29	356	71	1	48	19	5	11	39	0	2	8	6	13	3	37	16	2	0
3524	G1	26	926	184	1	51	20	5	12	43	1	5	22	16	33	3	42	41	2	0
3525	G2	27	57	11	0	10	4	1	2	0	0	0	1	1	2	0	0	3	0	0
3526	G2	26	115	23	0	20	8	2	5	0	0	1	3	2	4	0	0	5	1	0
3527	G2	24	373	74	0	27	11	3	6	10	0	2	9	7	13	1	10	16	1	0
3528	G2	29	36	7	0	7	3	1	2	0	0	0	1	1	1	0	0	2	0	0
3530	G1	26	890	177	0	44	18	4	10	45	1	5	21	16	31	3	44	39	2	0
3531	G2	29	29	6	0	7	3	1	2	0	0	0	1	1	1	0	0	1	0	0
3532	G2	22	546	108	1	61	24	6	14	0	0	3	13	10	19	0	0	24	3	0
3533	G2	22	546	108	1	61	24	6	14	0	0	3	13	10	19	0	0	24	3	0
3534	G2	28	73	15	0	3	1	0	1	0	0	0	2	1	3	0	0	3	0	0
3535	G2	28	64	13	0	2	1	0	0	0	0	0	2	1	2	0	0	3	0	0
3536	G2	27	122	24	0	4	2	0	1	0	0	1	3	2	4	0	0	5	0	0
3538	G1	29	416	83	0	20	8	2	5	38	0	2	10	7	15	3	37	18	1	0
3539	G1	43	165	43	0	30	12	9	22	3	0	1	5	4	7	1	8	8	4	0
3540	G1	70	2249	589	4	409	162	124	304	52	2	16	66	49	99	11	143	105	57	0
3542	G1	66	2415	632	5	439	174	133	326	55	3	17	71	53	106	11	151	113	61	0
3578	G2	26	129	26	0	10	4	1	2	4	0	1	3	2	5	0	4	6	0	0
3580	G1	80	1006	200	2	196	78	19	46	32	1	5	24	18	35	2	31	44	9	0
3581	G2	25	105	21	0	20	8	2	5	0	0	1	2	2	4	0	0	5	1	0
3582	G2	26	52	10	0	10	4	1	2	0	0	0	1	1	2	0	0	2	0	0
3584	G2	26	52	10	0	10	4	1	2	0	0	0	1	1	2	0	0	2	0	0
5009	G1	80	755	198	3	320	115	106	208	6	1	5	22	15	34	1	17	35	55	0
5015	G1	80	1156	303	3	308	111	102	200	8	1	8	34	24	52	2	22	54	52	0
5023	G1	46	181	47	0	25	10	8	18	15	0	1	5	4	8	3	42	8	3	0
5116	G1	72	1156	303	3	300	119	91	222	8	1	8	34	25	51	2	22	54	41	0
5117	G1	76	755	198	3	312	124	94	231	6	1	5	22	17	33	1	17	35	43	0
5118	G1	45	232	46	1	56	22	5	13	26	0	1	5	4	8	2	25	10	2	0
5122	G1	50	0	0	0	0	0	0	0	7	0	0	0	0	0	1	7	0	0	0
5123	G1	75	813	162	5	505	200	48	118	6	1	4	19	14	29	0	6	36	22	0
5124	G1	80	1156	303	3	299	119	91	222	6	1	8	34	25	51	1	16	54	41	0
5125	G1	37	425	111	0	44	17	13	33	15	0	3	12	9	19	3	41	20	6	0
5126	G1	42	425	111	0	44	17	13	33	17	0	3	12	9	19	4	47	20	6	0
5127	G1	49	0	0	0	0	0	0	0	17	0	0	0	0	0	4	47	0	0	0
5128	G1	43	425	111	0	44	17	13	32	0	0	3	12	9	19	0	0	20	6	0
5129	G1	74	1313	344	3	282	112	85	209	0	1	9	38	29	58	0	0	61	39	0
5130	G1	44	268	70	1	61	24	18	45	6	0	2	8	6	12	1	16	12	8	0

FlowID	Road Grouping ^[2]	Speed ^[3]	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
5131	G1	42	1	0	2	215	85	65	160	3	0	0	0	0	0	1	8	0	30	0
5132	G1	80	812	161	2	156	62	15	36	0	1	4	19	14	29	0	0	36	7	0
5133	G1	41	181	47	0	25	10	8	18	12	0	1	5	4	8	2	33	8	3	0
5134	G1	48	0	0	0	0	0	0	0	33	0	0	0	0	0	2	32	0	0	0
5135	G1	80	812	161	2	156	62	15	36	0	1	4	19	14	29	0	0	36	7	0
5136	G2	27	108	22	0	16	6	1	4	0	0	1	3	2	4	0	0	5	1	0
5137	G2	26	33	7	1	61	24	6	14	0	0	0	1	1	1	0	0	1	3	0
5138	G1	25	909	181	3	281	111	27	65	14	1	5	21	16	32	1	14	40	12	0
5139	G1	24	942	187	4	342	136	32	80	14	1	5	22	17	33	1	14	42	15	0
5140	G1	31	19	4	1	85	34	8	20	0	0	0	0	0	1	0	0	1	4	0
5141	G1	21	1200	239	4	380	151	36	89	14	1	6	28	21	42	1	13	53	17	0
5142	G1	23	1190	237	4	345	137	33	80	14	1	6	28	21	42	1	13	53	15	0
5143	G1	16	1198	238	5	473	188	45	110	14	1	6	28	21	42	1	13	53	21	0
5144	G1	30	82	16	1	106	42	10	25	0	0	0	2	1	3	0	0	4	5	0
5145	G1	23	1026	204	4	346	137	33	81	14	1	5	24	18	36	1	14	45	15	0
5146	G1	25	944	188	3	240	95	23	56	14	1	5	22	17	33	1	14	42	10	0
5147	G1	21	1125	224	4	417	166	40	97	14	1	6	27	20	40	1	13	50	18	0
5148	G1	25	1450	288	5	525	208	50	122	20	1	8	34	26	51	1	19	64	23	0
5149	G1	16	945	188	6	589	234	56	137	20	1	5	22	17	33	1	20	42	26	0
5150	G2	30	0	0	0	7	3	1	2	0	0	0	0	0	0	0	0	0	0	0
5151	G2	15	945	188	6	596	237	57	139	20	1	5	22	17	33	1	20	42	26	0
5152	G2	24	80	16	2	200	79	19	47	0	0	0	2	1	3	0	0	4	9	0
5153	G2	15	1320	263	5	484	192	46	113	20	1	7	31	23	47	1	19	58	21	0
5154	G2	15	1303	259	4	413	164	39	96	20	1	7	31	23	46	1	19	58	18	0
5155	G2	15	1451	288	6	532	211	51	124	20	1	8	34	26	51	1	19	64	23	0
5156	G2	18	865	172	4	396	157	38	92	20	1	5	20	15	31	1	20	38	17	0
5157	G2	17	1240	247	3	284	113	27	66	20	1	6	29	22	44	1	19	55	12	0
5158	G1	80	888	233	2	238	95	72	177	0	1	6	26	20	39	0	0	41	33	0
5159	G1	47	181	47	0	25	10	8	18	0	0	1	5	4	8	0	0	8	3	0
5160	G1	50	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6	0	0	0
5161	G1	76	755	198	3	312	124	94	231	6	1	5	22	17	33	1	17	35	43	0
5162	G2	30	5	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5163	G2	30	5	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5165	G2	30	7	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5166	G2	30	6	1	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5167	G2	30	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5168	G2	30	11	2	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5169	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5170	G2	30	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5171	G1	76	809	161	5	503	200	48	117	14	1	4	19	14	29	1	13	36	22	0
9030	G1	49	22	6	0	6	2	2	4	0	0	0	1	0	1	0	0	1	1	0
35371	G1	29	374	74	1	50	20	5	12	39	0	2	9	7	13	3	37	17	2	0
35372	G1	29	379	75	1	57	23	5	13	39	0	2	9	7	13	3	37	17	2	0
35471	G1	80	1344	352	3	243	97	74	181	39	1	9	39	30	59	8	107	63	34	0
35472	G1	80	1322	346	2	237	94	72	176	39	1	9	39	29	58	8	107	62	33	0

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. G1: Road without cold start, G2: Road with cold start
3. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph; while that of public light bus on any road at a speed in excess of 80kph shall be limited to 80kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.

Container Trucks from River Trade Terminal in Year 2048 (Hour - 0800-0900) ^[1]

FlowID	Speed ^[2]	Container Trucks
3002	69	51
3036	23	123
3039	23	123
3048	19	204
3059	15	253
3061	69	51
3062	80	38
3086	15	253
3090	15	253
3091	19	204
3097	45	38
3109	27	81
3112	24	130
3114	25	177
3116	39	38
3118	29	153
3119	27	153
3124	21	153
3125	40	51
3127	23	38
3129	23	38
3130	23	38
3131	20	215
3133	24	215
3134	26	191
3135	27	143
3136	30	48
3137	23	48
3138	25	215
3139	24	10
3140	27	143
3143	23	38
3580	80	38
5023	46	38
5118	45	38
5125	37	51
5126	42	51
5128	43	51
5129	74	51
5133	41	38
5135	80	38
5138	25	204
5139	24	204
5140	31	0
5141	21	253
5142	23	130
5143	16	204
5144	30	123
5145	23	204
5146	25	81
5147	21	130
5148	25	130
5149	16	81
5151	15	81
5152	24	81
5153	15	81
5155	15	130
5159	47	38

Note:

1. Full set of traffic forecast data for 24 hours for all years used for assessment are provided in separate Technical Note on Traffic Forecast Data and submitted to EPD. The traffic forecast methodology and data have also been submitted to TD and endorsement letter from TD is given in Appendix 3.2.
2. The maximum speed of medium goods vehicle, heavy goods vehicle and bus travelling on any road at a speed in excess of 70kph shall be limited to 70kph according to Road Traffic Ordinance (Cap. 374). The speeds for these types of vehicles for calculation of the running emission factors have therefore been capped accordingly.