

By Fax

Fax no.: 3922 9797



運輸署

Transport Department

本署檔案 Our Ref. : (NGRV8) in TD NR146/190-88
 來函檔號 Your Ref. : BCC:FMSC:RMWL:mjj:60579757/10.4-2021008119L
 電話 Tel. : 2399 2407
 圖文傳真 Fax : 2381 3799
 電郵 Email : chicheongpoon@td.gov.hk

7 June 2021

AECOM
 8/F Grand Central Plaza, Tower 2
 138 Shatin Rural Committee Road
 Shatin, Hong Kong
 (Attn: Mr Kelvin Cheng)

Dear Sir,


Agreement No. CE 8/2018 (HY)
Revised Trunk Road T4 and Associated Improvement Works in Sha Tin – Investigation
Technical Note on Traffic Forecast for EIA (Ref. TN01) – Issue 1

We refer to your above quoted letter dated 31 May 2021 regarding the captioned submission.

The methodology on the collection, use and interpretation of traffic data for EIA purpose is outside TD's jurisdiction. In this connection, we have no comments on the captioned technical note as long as the traffic data tally with those for the TIA report. In case there is any discrepancy in the traffic data between the TIA report and the EIA report, please highlight it for our consideration.

The above comments are from TE/NTE division of TD.

Yours faithfully,


 (POON Chi-cheong)
 for Commissioner for Transport

cc

CE/N2, CEDD

(Attn: Mr. Murphy TO

Fax No.: 3547 1658)

Internal

E/ST2 } Please note in file

新界分區辦事處
 NT Regional Office
 九龍聯運街三十號旺角政府合署七樓
 7th Floor, Mong Kok Government Offices, 30 Lucan Wan Street, Kowloon.
 圖文傳真 Fax No.: 2381 3799 (新界區) (NTRO)
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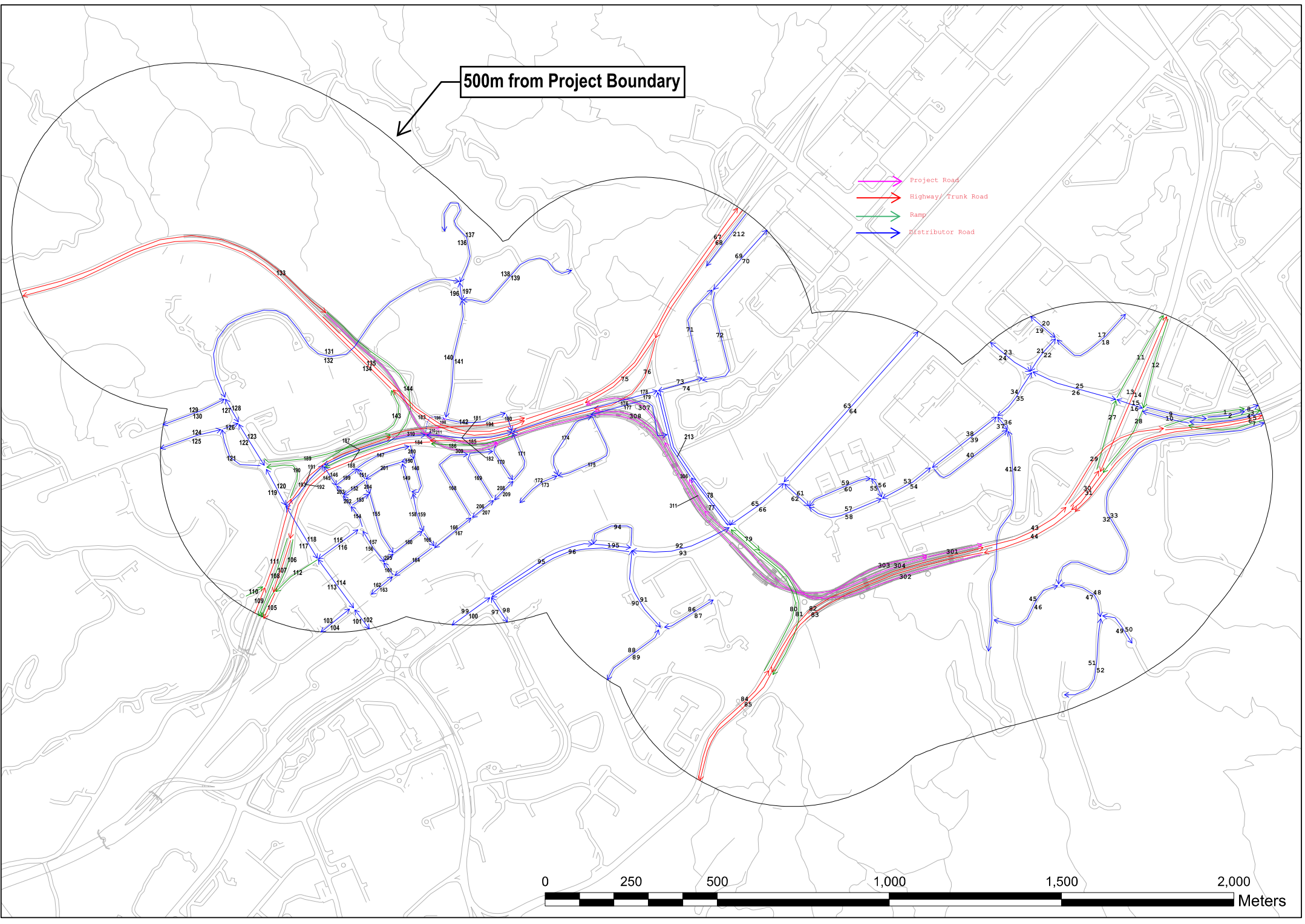


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500m from Project Boundary

- Project Road
- Highway/Trunk Road
- Ramp
- Distributor Road



Traffic flow in Year 2023 (Without Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
1	50	594	16.4%
2	50	280	21.3%
3	50	975	17.0%
4	50	1016	24.8%
5	80	761	21.9%
6	80	1626	28.0%
7	50	797	18.7%
8	50	873	18.0%
9	50	1255	18.0%
10	50	1813	22.1%
11	50	539	20.0%
12	50	527	17.5%
13	80	1210	28.6%
14	80	1319	30.9%
15	50	864	19.0%
16	50	1934	21.6%
17	50	241	19.4%
18	50	143	25.3%
19	50	168	23.5%
20	50	254	20.5%
21	50	409	21.1%
22	50	397	22.2%
23	50	867	22.0%
24	50	1392	27.7%
25	50	998	20.3%
26	50	1567	22.7%
27	50	38	21.3%
28	50	24	70.7%
29	80	1355	19.5%
30	80	1248	28.3%
31	80	1343	31.6%
32	50	138	37.4%
33	50	165	33.2%
34	50	585	41.1%
35	50	618	32.7%
36	50	161	39.2%
37	50	429	36.4%
38	50	311	44.4%
39	50	718	31.3%
40	50	81	80.4%
41	50	384	36.1%
42	50	210	54.4%
43	80	2603	23.7%
44	80	2968	29.6%
45	50	191	50.9%
46	50	322	46.7%
47	50	300	50.0%
48	50	196	50.9%
49	50	88	31.8%
50	50	46	16.1%
51	50	212	57.5%
52	50	150	61.6%
53	50	334	52.1%
54	50	484	34.6%

Traffic flow in Year 2023 (Without Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
55	50	61	29.9%
56	50	208	23.1%
57	50	233	61.9%
58	50	344	38.9%
59	50	136	20.9%
60	50	106	20.2%
61	50	359	45.6%
62	50	395	34.6%
63	70	654	21.5%
64	70	1721	20.9%
65	50	883	30.0%
66	50	2015	23.4%
67	80	3785	34.7%
68	70	4696	33.2%
69	50	319	48.9%
70	50	805	30.9%
71	50	715	33.6%
72	50	1197	27.5%
73	50	535	32.7%
74	50	904	25.9%
75	80	1646	44.7%
76	70	3051	27.0%
77	50	1553	22.3%
78	50	457	27.0%
79	50	435	18.6%
80	50	353	29.5%
81	50	435	18.6%
82	80	2603	23.7%
83	80	2968	29.6%
84	80	2956	24.4%
85	80	3403	28.2%
86	50	111	29.6%
87	50	206	27.0%
88	50	219	26.8%
89	50	144	31.3%
90	50	437	26.5%
91	50	267	29.7%
92	50	883	26.4%
93	50	837	28.8%
94	50	30	13.9%
95	50	689	29.9%
96	50	882	29.0%
97	50	343	23.6%
98	50	424	17.5%
99	50	799	31.5%
100	50	911	33.9%
101	50	1081	25.3%
102	50	1068	29.4%
103	50	596	25.4%
104	50	540	17.2%
105	70	3223	27.3%
106	50	313	27.8%
107	70	2931	28.0%
108	70	1291	19.7%

Traffic flow in Year 2023 (Without Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
109	70	2291	34.2%
110	50	303	17.8%
111	70	2594	32.3%
112	50	292	20.1%
113	50	967	27.1%
114	50	899	27.1%
115	50	409	34.5%
116	50	422	46.6%
117	50	769	41.0%
118	50	994	30.7%
119	50	643	47.3%
120	50	955	34.0%
121	50	373	46.0%
122	50	348	46.2%
123	50	870	35.1%
124	50	279	42.3%
125	50	289	46.7%
126	50	363	42.6%
127	50	207	56.5%
128	50	233	43.9%
129	50	51	61.6%
130	50	49	72.5%
131	50	158	51.6%
132	50	182	39.0%
133	80	1893	35.6%
134	80	2091	40.4%
135	80	1355	38.7%
136	50	13	22.2%
137	50	15	16.4%
138	50	64	22.2%
139	50	73	16.4%
140	50	128	22.2%
141	50	150	18.6%
142	50	299	24.7%
143	50	445	24.6%
144	50	537	27.8%
145	50	260	23.6%
146	50	294	34.1%
147	50	349	44.5%
148	50	72	21.1%
149	50	36	21.1%
150	50	167	21.1%
151	50	50	21.1%
152	50	83	21.1%
153	50	87	23.3%
154	50	235	42.9%
155	50	135	31.1%
156	50	413	45.9%
157	50	69	29.2%
158	50	102	30.5%
159	50	50	21.1%
160	50	204	30.5%
161	50	413	45.9%
162	50	151	26.2%

Traffic flow in Year 2023 (Without Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
163	50	151	26.2%
164	50	413	45.9%
165	50	615	36.6%
166	50	266	22.2%
167	50	63	36.6%
168	50	49	17.7%
169	50	49	17.7%
170	50	200	21.4%
171	50	312	33.7%
172	50	75	32.6%
173	50	79	22.0%
174	50	150	32.6%
175	50	157	22.0%
176	50	187	32.6%
177	50	197	22.0%
178	50	437	30.9%
179	50	1893	23.0%
180	50	278	24.5%
181	50	212	32.4%
182	50	574	27.9%
183	80	1646	44.7%
184	70	4534	25.6%
185	70	3051	27.0%
186	50	1484	22.8%
187	50	311	36.0%
188	50	157	49.7%
189	50	196	30.7%
190	50	359	30.0%
191	50	786	35.0%
192	50	691	35.1%
193	70	2235	32.7%
194	70	2431	32.5%
195	50	788	27.4%
196	50	64	22.2%
197	50	73	16.4%
198	50	277	26.9%
199	50	299	48.4%
200	50	238	21.1%
201	50	203	21.1%
202	50	147	54.5%
203	50	231	42.4%
204	50	48	45.3%
205	50	69	29.2%
206	50	241	22.7%
207	50	88	31.3%
208	50	217	23.3%
209	50	112	28.3%
210	50	99	43.5%
211	50	178	17.7%
212	50	148	100.0%
213	50	1553	22.3%
301	70	0	0.0%
302	70	0	0.0%
303	50	0	0.0%

Traffic flow in Year 2023 (Without Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
304	70	0	0.0%
306	70	0	0.0%
307	70	0	0.0%
308	70	0	0.0%
309	70	0	0.0%
310	70	0	0.0%
311	50	0	0.0%

Traffic flow in Year 2043 (With Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
1	50	761	16.6%
2	50	228	24.4%
3	50	688	17.5%
4	50	942	26.0%
5	80	1447	19.9%
6	80	3254	21.2%
7	50	555	20.4%
8	50	989	18.4%
9	50	916	19.2%
10	50	1497	23.9%
11	50	378	26.3%
12	50	567	17.3%
13	80	1549	26.9%
14	80	2084	26.8%
15	50	495	24.1%
16	50	1602	22.4%
17	50	274	17.9%
18	50	139	25.5%
19	50	170	23.6%
20	50	211	19.9%
21	50	444	20.1%
22	50	350	22.1%
23	50	440	28.8%
24	50	1151	28.3%
25	50	592	26.4%
26	50	1577	21.9%
27	50	255	19.2%
28	50	50	87.2%
29	80	2208	18.8%
30	80	1804	25.8%
31	80	2133	28.2%
32	50	141	37.4%
33	50	169	33.2%
34	50	492	47.7%
35	50	671	31.6%
36	50	169	38.8%
37	50	437	36.8%
38	50	209	60.8%
39	50	764	30.5%
40	50	79	82.5%
41	50	393	36.6%
42	50	216	53.8%
43	80	4012	21.9%
44	80	5386	24.0%
45	50	195	50.9%
46	50	330	46.7%
47	50	308	50.0%
48	50	201	50.9%
49	50	90	31.8%
50	50	47	16.1%
51	50	217	57.5%
52	50	154	61.6%
53	50	213	76.0%
54	50	510	34.1%

Traffic flow in Year 2043 (With Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
55	50	61	29.7%
56	50	87	41.2%
57	50	214	64.9%
58	50	345	38.4%
59	50	116	22.4%
60	50	210	15.1%
61	50	322	48.9%
62	50	501	29.4%
63	70	403	27.4%
64	70	1370	20.8%
65	50	618	37.8%
66	50	1792	23.0%
67	80	3132	39.8%
68	70	4231	35.1%
69	50	301	50.6%
70	50	758	31.9%
71	50	712	32.7%
72	50	1166	27.4%
73	50	535	31.8%
74	50	870	25.9%
75	80	947	69.6%
76	70	3285	25.2%
77	50	940	25.6%
78	50	523	26.5%
79	50	1013	14.8%
80	50	375	28.5%
81	50	579	15.6%
82	80	2440	24.7%
83	80	3333	29.7%
84	80	2815	25.2%
85	80	3912	27.6%
86	50	115	29.0%
87	50	209	26.8%
88	50	223	26.6%
89	50	148	30.8%
90	50	445	26.3%
91	50	276	29.1%
92	50	915	25.8%
93	50	1035	26.1%
94	50	30	14.0%
95	50	734	28.7%
96	50	1094	26.2%
97	50	348	23.6%
98	50	431	17.5%
99	50	807	31.4%
100	50	1084	31.1%
101	50	1084	25.1%
102	50	1111	27.6%
103	50	572	24.0%
104	50	542	17.4%
105	70	3543	25.5%
106	50	309	27.8%
107	70	3298	25.7%
108	70	1600	17.4%

Traffic flow in Year 2043 (With Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
109	70	2655	33.3%
110	50	320	20.0%
111	70	2974	31.9%
112	50	245	22.2%
113	50	886	27.9%
114	50	883	27.0%
115	50	396	34.1%
116	50	427	46.0%
117	50	778	40.8%
118	50	1005	30.5%
119	50	649	47.2%
120	50	950	34.5%
121	50	376	45.8%
122	50	352	46.0%
123	50	879	35.0%
124	50	282	42.1%
125	50	292	46.5%
126	50	366	42.4%
127	50	208	56.4%
128	50	235	43.7%
129	50	51	61.3%
130	50	49	72.3%
131	50	159	51.5%
132	50	184	38.8%
133	80	1960	36.1%
134	80	2233	39.6%
135	80	791	56.3%
136	50	13	22.2%
137	50	15	16.4%
138	50	65	22.2%
139	50	74	16.4%
140	50	130	22.2%
141	50	152	18.6%
142	50	303	24.7%
143	50	450	24.4%
144	50	515	27.4%
145	50	259	23.2%
146	50	257	35.3%
147	50	312	46.7%
148	50	75	22.0%
149	50	37	22.0%
150	50	174	22.0%
151	50	52	22.0%
152	50	87	22.0%
153	50	84	22.3%
154	50	228	42.8%
155	50	134	31.2%
156	50	426	45.5%
157	50	50	35.8%
158	50	92	32.4%
159	50	52	22.0%
160	50	184	32.4%
161	50	426	45.5%
162	50	158	26.5%

Traffic flow in Year 2043 (With Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
163	50	158	26.5%
164	50	426	45.5%
165	50	581	37.7%
166	50	229	22.8%
167	50	74	36.1%
168	50	60	16.9%
169	50	60	16.9%
170	50	222	20.6%
171	50	284	34.4%
172	50	76	32.6%
173	50	80	21.9%
174	50	151	32.6%
175	50	160	21.9%
176	50	189	32.6%
177	50	200	21.9%
178	50	421	31.9%
179	50	1294	27.4%
180	50	281	24.4%
181	50	209	33.5%
182	50	589	28.1%
183	80	1783	43.5%
184	70	5205	23.3%
185	70	4371	22.1%
186	50	835	29.3%
187	50	309	36.7%
188	50	160	49.3%
189	50	174	33.7%
190	50	323	32.9%
191	50	781	35.6%
192	50	699	35.0%
193	70	2651	31.8%
194	70	2341	34.2%
195	50	835	26.4%
196	50	65	22.2%
197	50	74	16.4%
198	50	280	26.8%
199	50	259	51.7%
200	50	249	22.0%
201	50	211	22.0%
202	50	144	54.7%
203	50	231	42.4%
204	50	50	46.0%
205	50	50	35.8%
206	50	199	23.7%
207	50	104	30.6%
208	50	169	24.9%
209	50	134	27.5%
210	50	100	43.4%
211	50	180	17.7%
212	50	148	100.0%
213	50	1071	26.6%
301	70	1573	17.7%
302	70	2054	14.6%
303	50	434	13.6%

Traffic flow in Year 2043 (With Project)

Link No.	Traffic design speed	Flow, veh/hr	Heavy vehicle %
	km/hr	AM	AM
304	70	1139	19.3%
306	70	1923	13.4%
307	70	836	14.0%
308	70	1086	12.9%
309	70	655	18.4%
310	70	484	20.4%
311	50	131	33.6%