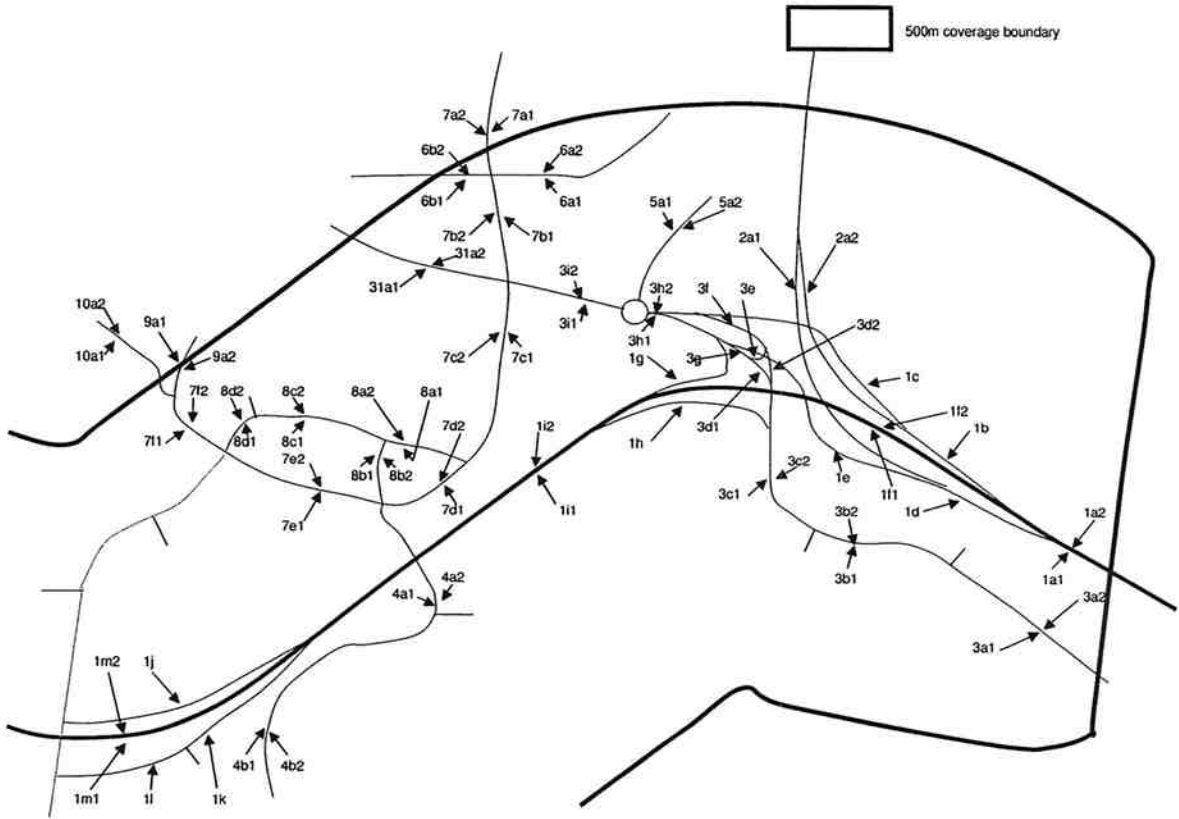


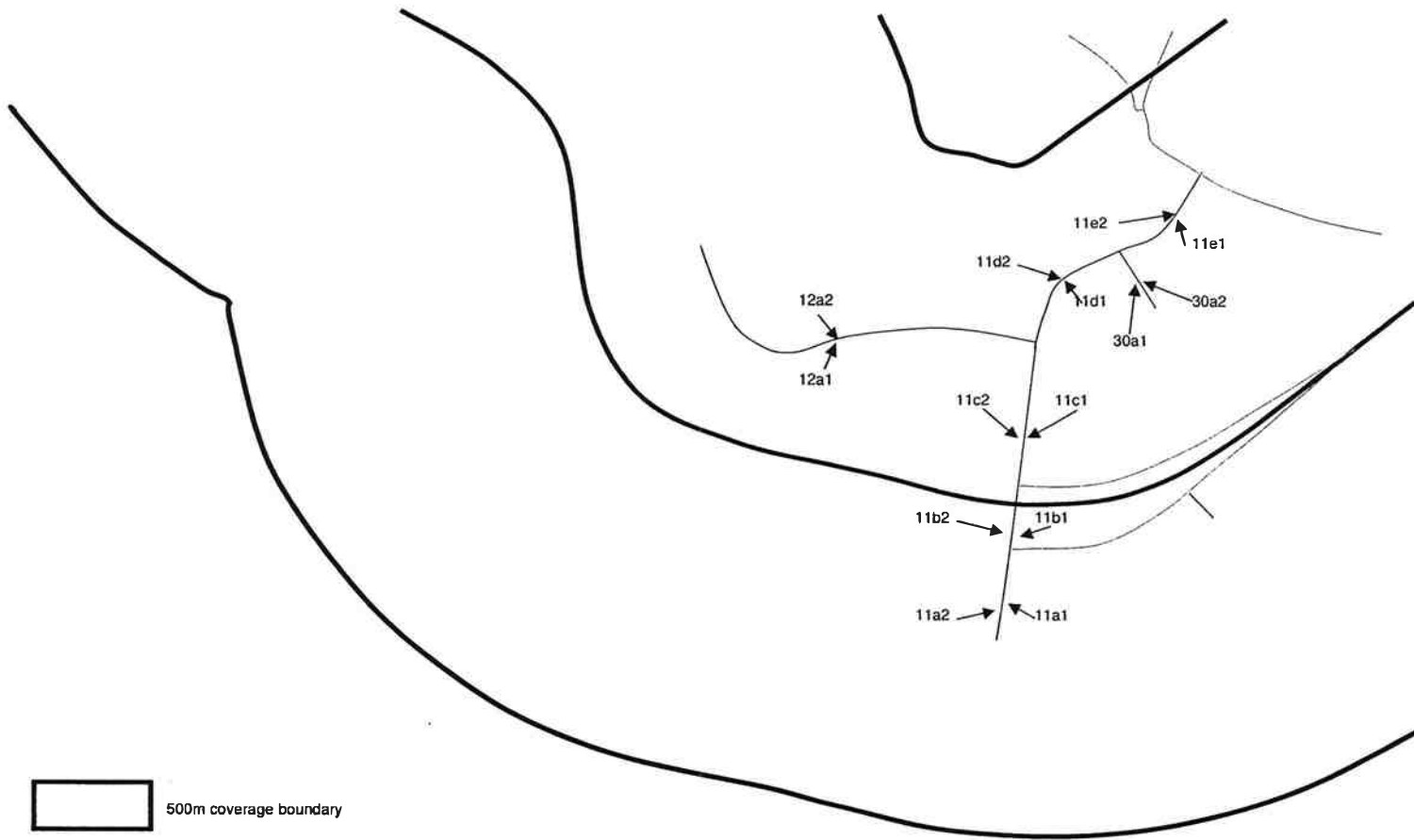
## Appendix C

### Traffic Model





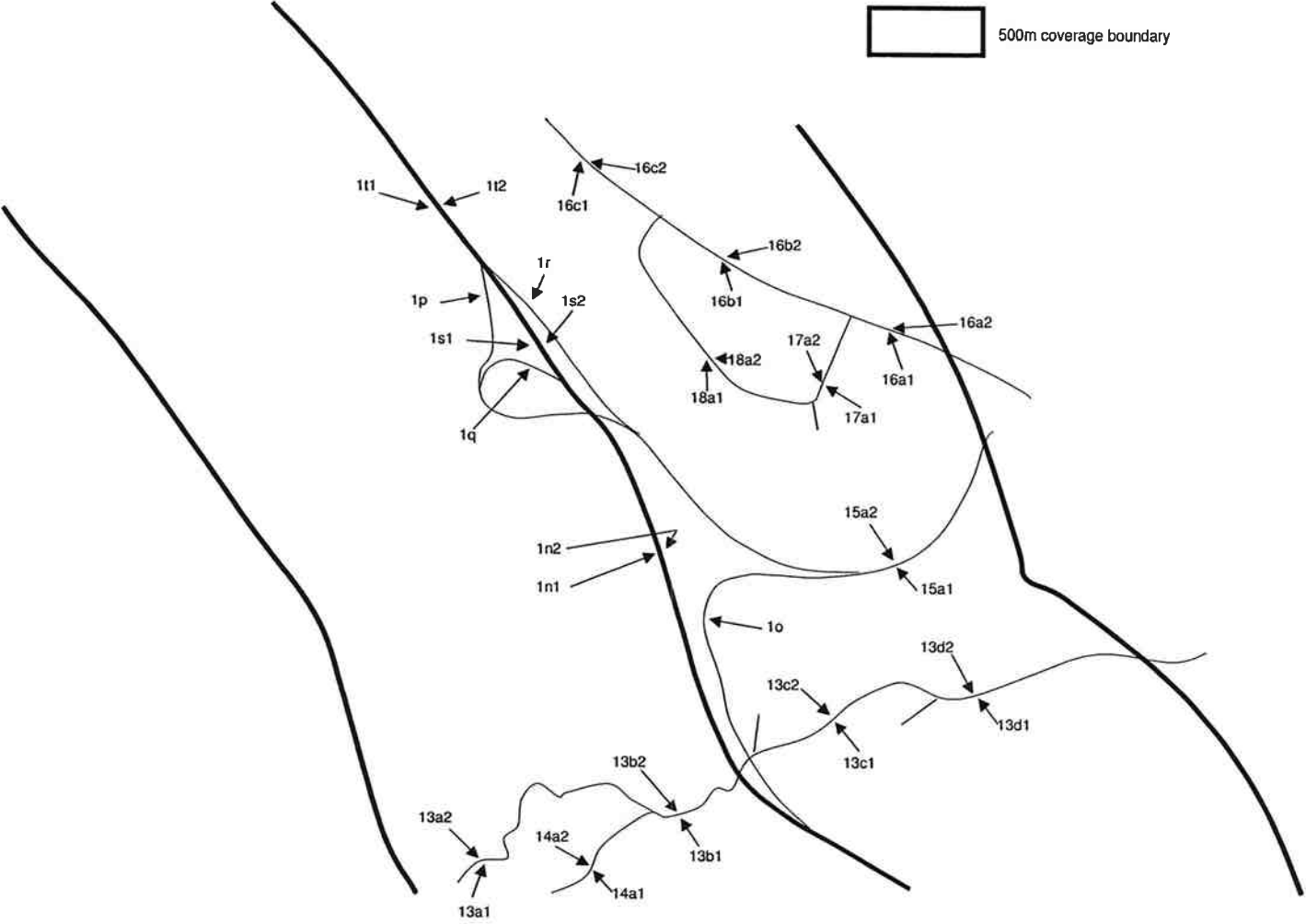
\* B=Bitumen, P=Pervious



Location	Traffic Speed (km/hr)	Road surfacing*	direction	2028 AM Peak Vehicular Traffic (veh/ hr)								2028 PM Peak Vehicular Traffic (veh/ hr)									
				MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total
11a1 Tat Wan Road	50 B		S	0	2	0	2	0	0	0	2	6	1	34	1	2	2	2	3	2	47
11a2 Tat Wan Road	50 B		N	1	37	3	3	3	4	4	3	58	0	1	0	2	1	1	0	2	6
11b1 Tat Wan Road	50 B		S	0	0	0	2	0	0	0	2	4	0	6	0	2	0	0	1	2	11
11b2 Tat Wan Road	50 B		N	4	152	11	3	24	35	15	3	247	7	176	7	2	23	24	16	2	257
11c1 Tat Wan Road	50 B		S	7	237	18	2	35	52	23	2	374	10	238	10	2	41	42	22	2	367
11c2 Tat Wan Road	50 B		N	3	114	9	3	21	31	11	3	195	7	174	7	2	23	23	16	2	253
11d1 Tat Wan Road	50 B		S	8	298	22	2	24	35	29	2	420	10	235	10	2	37	38	22	2	354
11d2 Tat Wan Road	50 B		N	6	215	16	3	21	31	21	3	317	13	299	12	2	23	23	28	2	401
11e1 Tat Wan Road	50 B		S	10	342	26	9	13	19	34	8	461	12	291	12	7	30	31	27	7	417
11e2 Tat Wan Road	50 B		N	8	279	21	13	12	19	27	12	391	15	367	15	8	12	12	34	8	472
12a1 Ma Wo Road	50 B		W	5	165	12	0	6	10	16	0	215	5	126	5	0	11	11	12	0	170
12a2 Ma Wo Road	50 B		E	6	206	15	0	18	27	20	0	292	11	254	11	0	15	16	24	0	330
30a1 Fung Wan Road	50 B		W	9	317	24	10	29	43	31	9	473	15	354	15	6	39	40	33	6	506
30a2 Fung Wan Road	50 B		E	8	299	22	7	27	40	29	6	440	14	342	14	5	43	44	32	5	499

\* B=Bitumen, P=Pervious

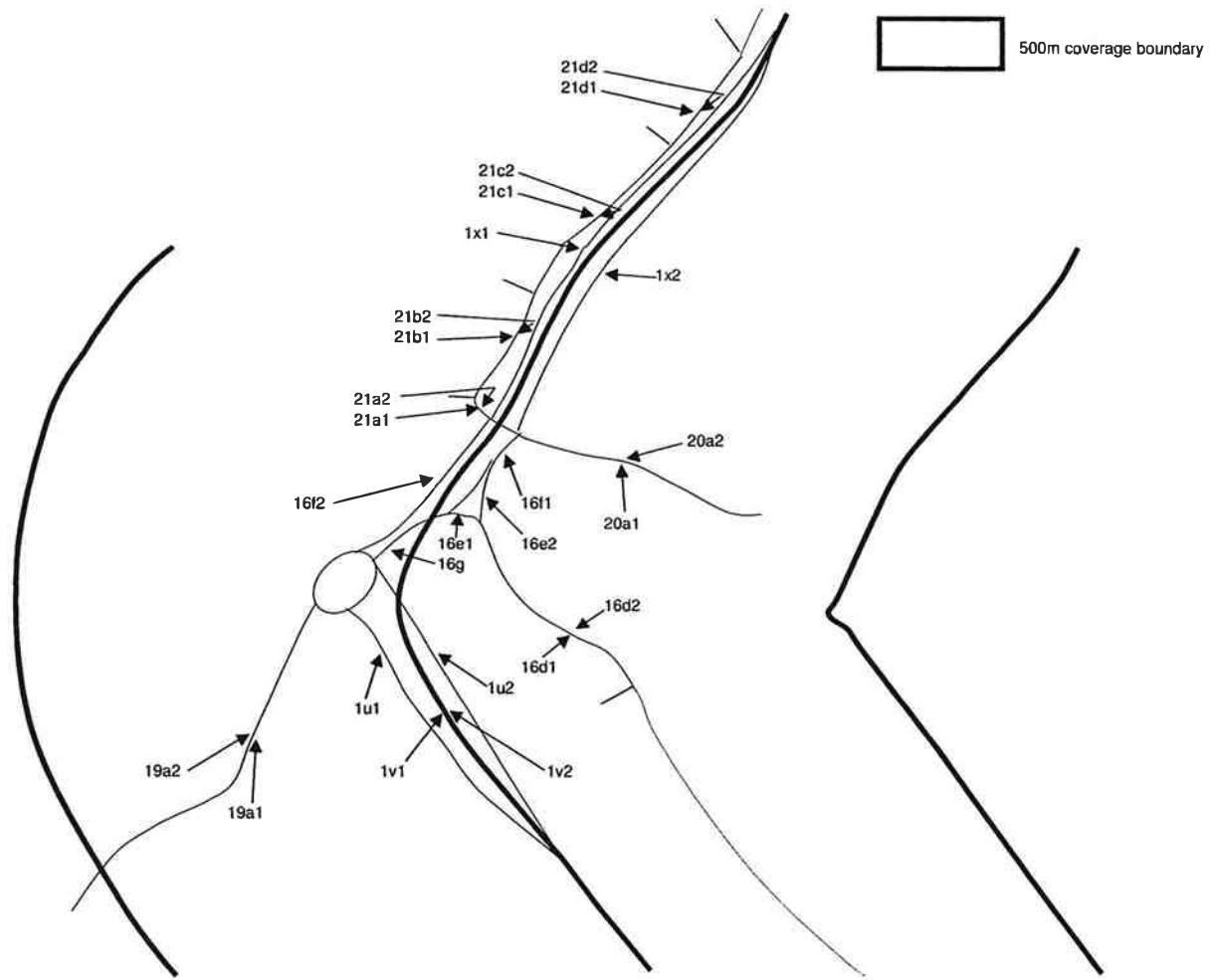
500m coverage boundary



Location	Traffic Speed (km/hr)	Road surfacing*	direction	2028 AM Peak Vehicular Traffic (veh/ hr)								2028 PM Peak Vehicular Traffic (veh/ hr)									
				MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total
1n1 Tolo Highway	92.2 P		W	69	2474	186	19	589	877	243	17	4474	115	2733	114	19	742	758	253	19	4753
1n2 Tolo Highway	91.6 P		E	71	2551	192	41	690	1028	251	37	4859	92	2175	91	16	654	668	202	16	3913
1o Tolo Highway	50.0 P		W	14	491	37	0	40	60	48	0	690	19	463	19	0	55	56	43	0	655
1p Tolo Highway	50.0 B		W	13	463	35	5	66	97	45	4	728	30	705	29	5	130	133	65	5	1102
1q Tolo Highway	50.0 B		E	12	431	32	0	56	83	42	0	656	22	513	21	0	85	87	48	0	776
1r Tolo Highway	50.0 B		E	11	414	31	6	67	100	41	5	676	22	511	21	3	102	104	47	3	815
1s1 Tolo Highway	91.8 P		W	57	2044	154	19	533	794	201	17	3817	93	2220	93	19	657	671	206	19	3977
1s2 Tolo Highway	91.6 P		E	71	2551	192	41	690	1028	251	37	4859	92	2175	91	16	654	668	202	16	3913
1t1 Tolo Highway	92.2 P		W	70	2506	189	24	599	891	246	21	4546	123	2926	122	23	786	803	271	23	5078
1t2 Tolo Highway	91.8 P		E	82	2964	223	47	758	1128	291	42	5535	113	2686	112	19	756	773	249	19	4728
13a1 Shek Lin Road	50.0 B		W	0	2	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	4
13a2 Shek Lin Road	50.0 B		E	0	2	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	1
13b1 Shek Lin Road	50.0 B		W	0	4	0	0	0	0	0	0	5	0	6	0	0	0	0	1	0	7
13b2 Shek Lin Road	50.0 B		E	0	17	1	0	0	0	2	0	20	0	2	0	0	0	0	0	0	2
13c1 Shek Lin Road	50.0 B		W	0	4	0	0	0	0	0	0	5	0	6	0	0	0	0	1	0	7
13c2 Shek Lin Road	50.0 B		E	0	17	1	0	0	0	2	0	20	0	2	0	0	0	0	0	0	2
13d1 Shek Lin Road	50.0 B		W	1	23	2	1	1	1	2	1	32	1	29	1	0	4	4	3	0	42
13d2 Shek Lin Road	50.0 B		E	1	50	4	1	3	4	5	1	69	1	17	1	0	2	2	2	0	23
14a1 Pun Chun Yuen Road	50.0 B		W	0	2	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	4
14a2 Pun Chun Yuen Road	50.0 B		E	0	15	1	0	0	0	1	0	18	0	1	0	0	0	0	0	0	1
15a1 Tai Po Tai Wo Road	50.0 B		W	26	954	72	5	106	157	94	4	1418	49	1168	49	5	185	189	108	5	1757
15a2 Tai Po Tai Wo Road	50.0 B		E	23	844	64	6	123	183	83	5	1332	43	1025	43	3	187	191	95	3	1591
16a1 Tai Po Road - Tai Wo	50.0 B		W	8	271	20	37	17	26	27	33	437	11	262	11	33	34	35	24	33	443
16a2 Tai Po Road - Tai Wo	50.0 B		E	12	444	33	36	36	53	44	32	691	23	558	23	32	98	100	52	32	919
16b1 Tai Po Road - Tai Wo	50.0 B		W	7	250	19	38	12	18	25	34	402	10	234	10	34	22	23	22	34	387
16b2 Tai Po Road - Tai Wo	50.0 B		E	10	363	27	32	27	40	36	29	562	21	502	21	29	71	73	47	29	792
16c1 Tai Po Road - Tai Wo	50.0 B		W	9	325	24	37	33	50	32	33	543	10	249	10	33	42	43	23	33	444
16c2 Tai Po Road - Tai Wo	50.0 B		E	13	459	35	36	79	117	45	32	816	22	533	22	32	101	103	49	32	895
17a1 Tai Po Tau Shui Wai Road	50.0 B		W	0	12	1	1	2	3	1	1	22	0	7	0	1	6	6	1	1	23
17a2 Tai Po Tau Shui Wai Road	50.0 B		E	0	18	1	7	5	8	2	6	48	1	24	1	5	15	16	2	5	70
18a1 Mui Shu Hang Road	50.0 B		W	0	12	1	1	11	16	1	1	43	0	8	0	1	10	10	1	1	32
18a2 Mui Shu Hang Road	50.0 B		E	1	48	4	7	26	38	5	6	135	0	4	0	5	15	15	0	5	46

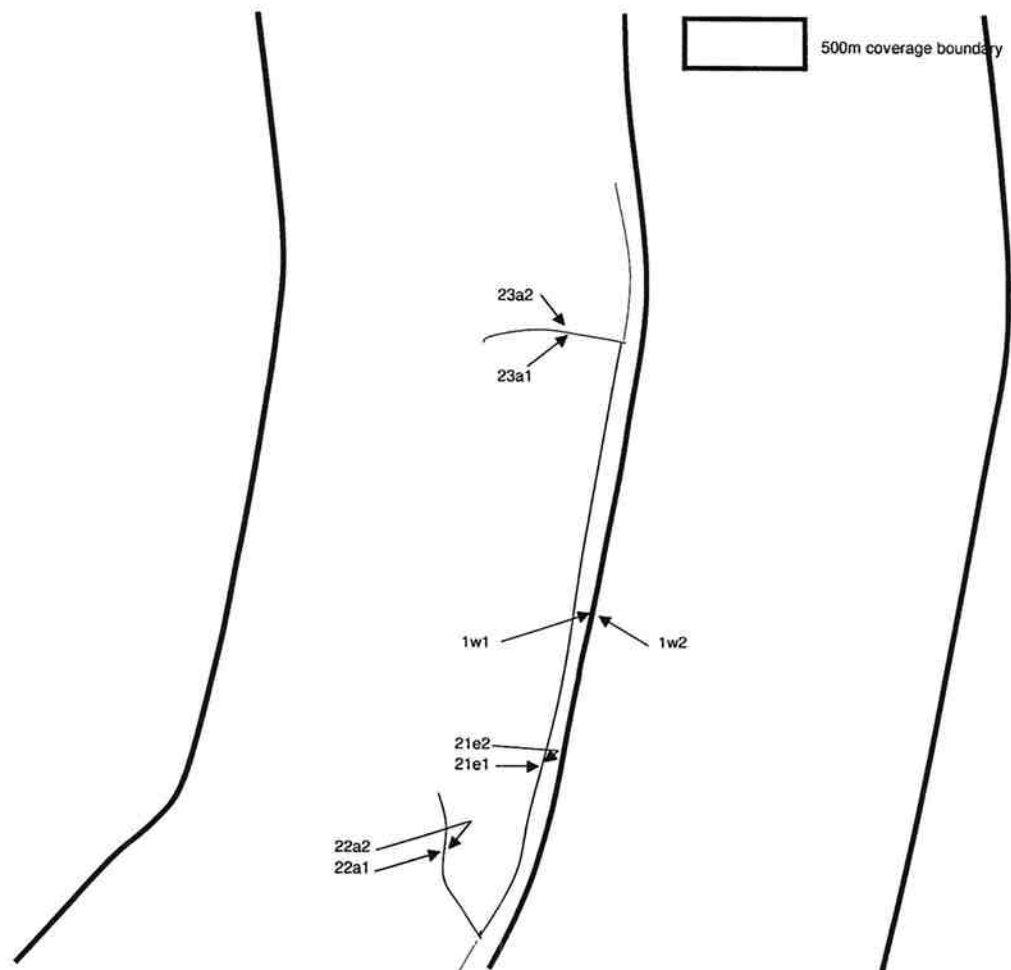
\* B=Bitumen, P=Pervious





Location	Design Speed	Road surfacing*	direction	2028 AM Peak Vehicular Traffic (veh/ hr)								2028 PM Peak Vehicular Traffic (veh/ hr)									
				MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total
1u1 Tolo Highway	50.0 B	50.0 B	W	12	416	31	6	90	134	41	5	<b>734</b>	29	689	29	6	181	185	64	6	<b>1188</b>
1u2 Tolo Highway	50.0 B	50.0 B	E	18	647	49	21	163	242	64	19	<b>1221</b>	27	631	26	6	159	162	58	6	<b>1075</b>
1v1 Tolo Highway	92.1 P	92.1 P	W	58	2090	157	18	509	757	205	16	<b>3811</b>	94	2237	93	17	606	619	207	17	<b>3890</b>
1v2 Tolo Highway	91.9 P	91.9 P	E	64	2318	174	26	595	885	228	23	<b>4314</b>	86	2055	86	13	598	610	190	13	<b>3653</b>
1x1 Tolo Highway	50.0 P	50.0 P	W	16	575	43	0	110	163	56	0	<b>963</b>	30	716	30	0	175	179	66	0	<b>1196</b>
1x2 Tolo Highway	50.0 P	50.0 P	E	21	749	56	0	152	226	74	0	<b>1277</b>	26	625	26	0	143	146	58	0	<b>1024</b>
16d1 Tai Po Road - Tai Wo	50.0 B	50.0 B	W	7	250	19	37	39	58	25	33	<b>466</b>	6	135	6	33	34	35	12	33	<b>294</b>
16d2 Tai Po Road - Tai Wo	50.0 B	50.0 B	E	11	395	30	36	73	109	39	32	<b>725</b>	17	406	17	32	83	85	38	32	<b>710</b>
16e1 Tai Po Road - Tai Wo	50.0 B	50.0 B	W	7	257	19	37	41	61	25	33	<b>479</b>	6	142	6	33	35	36	13	33	<b>304</b>
16e2 Tai Po Road - Tai Wo	50.0 B	50.0 B	E	11	401	30	36	74	110	39	32	<b>733</b>	17	411	17	32	86	88	38	32	<b>721</b>
16f1 Tai Po Road - Tai Wo	50.0 B	50.0 B	S	24	854	64	57	161	239	84	51	<b>1533</b>	31	728	30	38	152	155	67	38	<b>1239</b>
16f2 Tai Po Road - Tai Wo	50.0 B	50.0 B	N	12	427	32	41	95	141	42	37	<b>826</b>	24	565	24	37	127	130	52	37	<b>996</b>
16g Tai Po Road - Tai Wo	50.0 B	50.0 B	S	20	709	53	58	128	190	70	51	<b>1278</b>	19	460	19	39	101	103	43	39	<b>823</b>
19a1 Lam Kam Road	50.0 B	50.0 B	W	13	457	34	15	50	74	45	13	<b>700</b>	19	460	19	13	111	113	43	13	<b>791</b>
19a2 Lam Kam Road	50.0 B	50.0 B	E	11	406	31	13	89	133	40	12	<b>735</b>	21	507	21	11	115	117	47	11	<b>851</b>
20a1 Hong Lok Yuen Road	50.0 B	50.0 B	W	19	697	52	0	30	44	69	0	<b>912</b>	26	624	26	0	66	67	58	0	<b>867</b>
20a2 Hong Lok Yuen Road	50.0 B	50.0 B	E	13	462	35	0	28	41	45	0	<b>623</b>	28	658	27	0	40	41	61	0	<b>855</b>
21a1 Tai Wo Service Road West	50.0 B	50.0 B	N	9	321	24	28	55	82	31	25	<b>575</b>	7	173	7	26	37	38	16	26	<b>331</b>
21a2 Tai Wo Service Road West	50.0 B	50.0 B	S	9	337	25	44	77	115	33	39	<b>680</b>	19	461	19	27	69	70	43	27	<b>735</b>
21b1 Tai Wo Service Road West	50.0 B	50.0 B	N	7	248	19	26	38	57	24	23	<b>442</b>	7	160	7	25	31	32	15	25	<b>300</b>
21b2 Tai Wo Service Road West	50.0 B	50.0 B	S	7	252	19	42	51	76	25	38	<b>510</b>	15	348	15	26	50	51	32	26	<b>562</b>
21c1 Tai Wo Service Road West	50.0 B	50.0 B	N	6	217	16	26	35	52	21	23	<b>397</b>	7	160	7	25	31	31	15	25	<b>299</b>
21c2 Tai Wo Service Road West	50.0 B	50.0 B	S	7	255	19	42	46	69	25	38	<b>502</b>	13	306	13	26	43	44	28	26	<b>499</b>
21d1 Tai Wo Service Road West	50.0 B	50.0 B	N	5	177	13	26	30	45	17	23	<b>338</b>	6	147	6	25	28	29	14	25	<b>279</b>
21d2 Tai Wo Service Road West	50.0 B	50.0 B	S	6	231	17	42	37	55	23	38	<b>450</b>	11	255	11	26	34	34	24	26	<b>419</b>

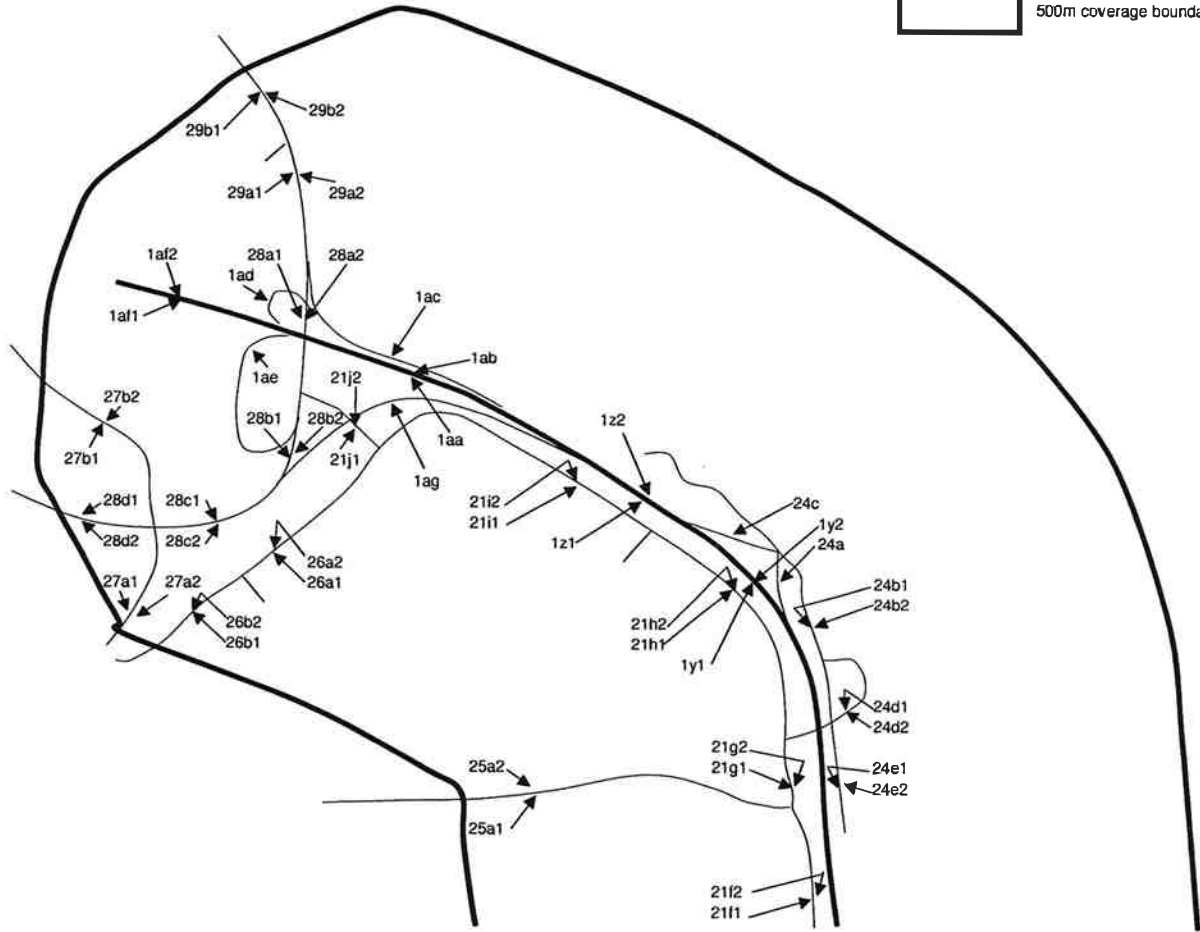
\* B=Bitumen, P=Pervious



Location	Design Speed	Road surfacing*	2028 AM Peak Vehicular Traffic (veh/ hr)								2028 PM Peak Vehicular Traffic (veh/ hr)										
			direction	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total
1w1 Tolo Highway		92.3 P	W	74	2665	201	18	618	920	262	16	4774	124	2953	123	17	781	797	274	17	5086
1w2 Tolo Highway		92.1 P	E	85	3067	231	26	746	1111	301	23	5591	113	2681	112	13	740	756	248	13	4677
21e1 Tai Wo Service Road West		50.0 B	N	9	312	23	26	32	47	31	23	503	5	118	5	25	19	19	11	25	226
21e2 Tai Wo Service Road West		50.0 B	S	6	205	15	42	27	40	20	38	394	9	209	9	26	25	26	19	26	348
22a1 Road to Tai Hang		50.0 B	W	2	57	4	0	12	18	6	0	99	2	56	2	0	14	14	5	0	94
22a2 Road to Tai Hang		50.0 B	E	6	218	16	0	24	35	21	0	320	3	73	3	0	13	13	7	0	111
23a1 Road to Tai Hang		50.0 B	W	4	137	10	3	11	17	13	2	196	1	30	1	2	6	6	3	2	51
23a2 Road to Tai Hang		50.0 B	E	3	116	9	3	17	26	11	2	187	3	78	3	2	14	15	7	2	125

\* B=Bitumen, P=Pervious

500m coverage boundary



Location	Design Speed	Road surfacing*	direction	2028 AM Peak Vehicular Traffic (veh/ hr)										2028 PM Peak Vehicular Traffic (veh/ hr)							
				MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	total
1y1 Tolo Highway	92.3 P		W	74	2665	201	18	618	920	262	16	4774	124	2953	123	17	781	797	274	17	5086
1y2 Tolo Highway	92.1 P		E	82	2967	223	26	724	1078	291	23	5416	112	2653	111	13	726	742	246	13	4616
1z1 Tolo Highway	92.3 P		W	74	2665	201	18	618	920	262	16	4774	124	2953	123	17	781	797	274	17	5086
1z2 Tolo Highway	92.1 P		E	84	3020	227	26	732	1089	297	23	5498	115	2730	114	13	732	748	253	13	4719
1aa Tolo Highway	92.1 P		W	67	2411	182	5	592	881	237	4	4380	106	2512	105	5	731	747	233	5	4441
1ab Tolo Highway	92.3 P		E	67	2408	181	20	582	837	237	18	4330	92	2191	91	10	568	580	203	10	3746
1ac Tolo Highway	50.0 B		E	17	611	46	6	170	252	60	5	1168	23	539	22	3	164	168	50	3	973
1ad Tolo Highway	50.0 B		E	11	392	30	20	40	59	39	18	608	14	325	14	10	46	47	30	10	496
1ae Tolo Highway	50.0 B		E	14	509	38	5	125	186	50	4	933	23	547	23	5	164	168	51	5	984
1af1 Tolo Highway	92.2 P		W	53	1902	143	0	467	695	187	0	3447	83	1965	82	0	567	579	182	0	3457
1af2 Tolo Highway	92.0 P		E	56	2016	152	0	522	778	198	0	3722	79	1866	78	0	522	533	173	0	3250
1ag Tolo Highway	50.0 B		W	7	254	19	13	26	39	25	12	394	19	441	18	13	50	51	41	13	645
21f1 Tai Wo Service Road West	50.0 B		N	5	191	14	24	23	35	19	21	332	4	101	4	23	15	16	9	23	195
21f2 Tai Wo Service Road West	50.0 B		S	3	105	8	40	12	18	10	36	232	6	144	6	24	13	14	13	24	244
21g1 Tai Wo Service Road West	50.0 B		N	5	190	14	24	24	36	19	21	333	5	112	5	23	17	18	10	23	212
21g2 Tai Wo Service Road West	50.0 B		S	1	42	3	40	8	12	4	36	146	1	32	1	24	6	6	3	24	98
21h1 Tai Wo Service Road West	50.0 B		N	3	112	8	22	15	23	11	19	214	2	46	2	21	5	5	4	21	105
21h2 Tai Wo Service Road West	50.0 B		S	0	9	1	38	6	8	1	34	96	1	24	1	22	6	6	2	22	83
21i1 Tai Wo Service Road West	50.0 B		N	3	118	9	22	14	21	12	19	218	1	34	1	21	5	5	3	21	91
21i2 Tai Wo Service Road West	50.0 B		S	0	7	1	38	3	5	1	34	88	1	28	1	22	5	5	3	22	87
21j1 Tai Wo Service Road West	50.0 B		N	6	208	16	18	18	27	20	16	330	4	88	4	15	27	27	8	15	187
21j2 Tai Wo Service Road West	50.0 B		S	1	52	4	24	4	6	5	21	119	3	68	3	21	8	8	6	21	138
24a Tai Wo Service Road East	50.0 B		S	3	100	8	0	22	33	10	0	175	1	28	1	0	14	15	3	0	61
24b1 Tai Wo Service Road East	50.0 B		N	3	115	9	0	19	28	11	0	186	3	74	3	0	14	15	7	0	116
24b2 Tai Wo Service Road East	50.0 B		S	1	37	3	0	10	15	4	0	71	1	31	1	0	6	6	3	0	49
24c Tai Wo Service Road East	50.0 B		S	1	53	4	0	7	11	5	0	82	3	77	3	0	6	6	7	0	103
24d1 Tai Wo Service Road East	50.0 B		N	2	89	7	2	17	25	9	2	153	4	85	4	2	18	18	8	2	140
24d2 Tai Wo Service Road East	50.0 B		S	1	44	3	2	11	16	4	2	84	1	28	1	2	5	6	3	2	48
25a1 Kiu Tau Road	50.0 B		W	2	57	4	0	8	12	6	0	89	3	60	3	0	11	11	6	0	93
25a2 Kiu Tau Road	50.0 B		E	3	119	9	0	13	20	12	0	176	8	183	8	0	20	20	17	0	256
26a1 Wo Hing Road	50.0 B		W	2	56	4	17	3	5	5	15	107	2	56	2	15	6	6	5	15	109
26a2 Wo Hing Road	50.0 B		E	3	101	8	27	7	11	10	24	191	3	70	3	10	25	25	6	10	153
26b1 Wo Hing Road	50.0 B		W	1	46	3	17	1	2	5	15	92	2	51	2	15	5	5	5	15	99
26b2 Wo Hing Road	50.0 B		E	3	91	7	27	6	9	9	24	176	3	60	2	10	20	21	6	10	132
27a1 Wah Ming Road	50.0 B		N	0	13	1	15	0	0	1	13	45	0	4	0	12	1	1	0	12	31
27a2 Wah Ming Road	50.0 B		S	3	100	8	106	10	15	10	95	347	5	130	5	71	14	14	12	71	323
27b1 Wah Ming Road	50.0 B		N	2	83	6	17	6	9	8	15	146	10	238	10	12	23	23	22	12	351
27b2 Wah Ming Road	50.0 B		S	10	376	28	84	33	49	37	75	693	9	209	9	66	41	41	19	65	459
28a1 Pak Wo Road	50.0 B		N	32	1162	87	56	192	286	114	50	1981	42	995	41	43	247	252	92	42	1754
28a2 Pak Wo Road	50.0 B		S	3	118	9	51	8	12	12	45	257	8	183	8	32	19	19	17	32	318
28b1 Pak Wo Road	50.0 B		N	12	445	33	33	49	73	44	29	719	15	360	15	23	56	57	33	23	583
28b2 Pak Wo Road	50.0 B		S	2	66	5	27	3	5	6	24	138	5	115	5	11	11	11	11	11	179
28c1 Pak Wo Road	50.0 B		N	12	445	33	33	49	73	44	29	719	15	360	15	23	56	57	33	23	583
28c2 Pak Wo Road	50.0 B		S	9	319	24	40	30	44	31	35	532	23	556	23	24	60	62	52	24	824
28d1 Pak Wo Road	50.0 B		N	3	113	9	32	18	27	11	29	242	8	179	7	20	17	18	17	20	286
28d2 Pak Wo Road	50.0 B		S	5	194	15	15	16	23	19	13	301	9	221	9	16	26	26	21	16	344
29a1 Jockey Club Road	50.0 B		N	21	770	58	36	153	227	76	32	1373	28	669	28	33	201	205	62	32	1258
29a2 Jockey Club Road	50.0 B		S	20	729	55	57	177	264	72	51	1425	30	722	30	36	183	187	67	35	1291
29b1 Jockey Club Road	50.0 B		N	21	770	58	36	153	227	76	32	1373	28	669	28	33	201	205	62	32	1258
29b2 Jockey Club Road	50.0 B		S	20	714	54	57	185	276	70	51	1426	31	728	30	36	183	187	67	35	1298
24e1 Kiu Tau Road	50.0 B		N	41	41	3	2	4	6	4	2	62	1	12	0	2	1	1	1	2	21
24e2 Jockey Club Road	50.0 B		S	8	8	1	2	1	1	1	2	16	1	26	1	2	6	6	2	2	45

\* B=Bitumen, P=Pervious

ID	Speed	Surface	Direction	2028 AM Peak (veh/hr)									2028 PM Peak (veh/hr)								
				MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	Total	MC	Car	Taxi	PLB	LGV	HGV	Coach	Bus	Total
24c	50.0	B	S	2	112	8	0	10	15	11	0	158	2	77	6	0	6	8	8	0	107
R1	50.0	B	-	3	150	11	0	16	24	15	0	219	3	121	9	0	12	18	13	0	177
Access 1	50.0	B	N	2	66	5	0	9	13	7	0	101	3	90	7	0	9	15	9	0	134
Access 2	50.0	B	S	1	8	1	0	7	10	1	0	27	1	1	0	0	5	4	0	0	11
R2	50.0	B	-	3	92	7	0	14	21	9	0	146	1	32	2	0	7	7	3	0	54
24b1	50.0	B	N	3	108	8	0	18	27	11	0	175	2	68	5	0	9	16	7	0	107
24b2	50.0	B	S	2	85	6	0	9	13	8	0	122	1	31	2	0	5	4	3	0	46
R3	50.0	B	-	4	115	9	0	23	35	12	0	198	2	69	5	0	11	19	7	0	115
R4	50.0	B	-	1	38	3	0	6	9	4	0	61	1	44	3	0	6	10	5	0	70
24a	50.0	B	S	3	77	6	0	17	26	8	0	137	1	25	2	0	6	9	3	0	45

