



Intelligent Data Collection Limited Tolworth

Client: Kingston CC
Project Number: ID-0924-0001
Site Number: Site 1
Date of Survey: 17.09.2024
Junction Name: Hook Rise North
Survey Type: Queue Length Survey

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X Coordinate	Y Coordinate	Google Maps Link
51.378738	-0.281224	Click Here
AM Peak Conditions	Inter-peak Conditions	PM Peak Conditions
Clear	Clear	Clear

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Vehicle Length Assumptions (metres)

Lights	Heavies
6	15

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Any shaded entries indicate where queues reach the extent of the camera view.

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Time	Lane A1			Lane A2			Lane A3			Length (m)
	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
07:50	18	0	18	108	8	116	9	0	9	63
07:55	10	1	11	75	5	80	5	0	5	30
07:59	16	0	16	96	5	101	5	0	5	30
07:55	19	1	20	129	1	130	2	1	3	27
07:50	12	2	14	102	8	110	8	0	8	48
07:25	17	0	17	102	7	109	7	0	7	42
07:30	16	1	17	111	6	117	6	0	6	36
07:35	18	0	18	108	9	117	9	0	9	54
07:40	15	0	15	90	10	100	10	0	10	60
07:45	23	0	23	138	12	150	12	1	13	72
07:50	22	0	22	132	6	138	6	0	6	36
07:55	29	1	30	189	14	203	14	1	15	99
08:00	22	3	25	177	21	198	21	1	22	141
08:05	21	3	24	171	25	196	25	0	25	150
08:10	33	2	35	228	27	255	27	2	29	192
08:15	40	1	41	255	33	288	33	0	33	198
08:20	45	2	47	300	37	337	37	2	39	222
08:25	46	0	46	276	32	308	32	1	33	207
08:30	39	1	40	249	32	281	32	1	33	207
08:35	34	1	35	219	29	248	29	1	30	174
08:40	25	2	27	180	25	205	25	1	26	165
08:45	28	1	29	183	21	204	21	1	22	141
08:50	26	1	27	186	20	206	20	2	22	141
08:55	27	2	29	177	13	190	13	1	14	141
09:00	21	0	21	126	7	133	7	1	8	57
09:05	17	0	17	102	7	109	7	0	7	42
09:10	14	0	14	84	3	87	3	2	5	48
09:15	13	0	13	78	5	83	5	0	5	30
09:20	12	0	12	72	8	80	8	2	10	78
09:25	13	1	14	93	9	102	9	0	9	54
09:30	8	0	8	48	3	51	3	0	3	18
09:35	12	1	13	87	4	91	4	1	5	39
09:40	23	0	23	138	11	149	11	0	11	66
09:45	23	2	25	168	11	179	11	2	13	96
09:50	13	2	15	108	13	121	13	7	20	78
09:55	9	0	9	54	4	58	4	0	4	48
10:00	8	0	8	48	4	52	4	0	4	24
10:05	8	0	8	48	5	53	5	1	6	45
10:10	9	2	11	84	5	89	5	0	5	30
10:15	15	1	16	105	12	117	12	7	19	72
10:20	9	1	10	63	5	68	5	0	5	30
10:25	13	2	15	108	6	114	6	0	6	36
10:30	12	5	17	147	8	155	8	4	12	48
10:35	16	0	16	96	7	103	7	4	11	42
10:40	10	0	10	60	5	65	5	0	5	30
10:45	20	0	20	120	8	128	8	4	12	48
10:50	21	2	23	156	5	161	5	0	5	30
10:55	13	1	14	93	5	98	5	1	6	45
11:00	8	0	8	48	3	51	3	0	3	18
11:05	9	0	9	54	4	58	4	0	4	24
11:10	10	1	11	75	5	80	5	0	5	30
11:15	8	1	9	63	2	65	2	1	3	27
11:20	7	0	7	42	4	46	4	0	4	24
11:25	8	0	8	48	3	51	3	0	3	18
11:30	8	0	8	48	4	52	4	0	4	24
11:35	28	0	28	168	5	173	5	1	6	45
11:40	23	4	27	198	9	207	9	2	11	84
11:45	23	4	27	198	20	218	20	1	21	135
11:50	26	1	27	171	15	186	15	0	15	90
11:55	12	3	15	90	6	96	6	0	6	36
12:00	9	0	9	54	6	60	6	0	6	36
12:05	11	0	11	66	4	70	4	4	8	24
12:10	10	1	11	75	3	78	3	0	3	18
12:15	17	2	19	132	8	140	8	2	10	48
12:20	13	2	15	108	4	112	4	1	5	39
12:25	10	1	11	75	5	80	5	0	5	30
12:30	13	1	14	93	9	102	9	0	9	54
12:35	3	2	5	48	5	53	5	0	5	30
12:40	9	1	10	69	5	74	5	0	5	30
12:45	15	1	16	105	5	110	5	0	5	30
12:50	5	1	6	45	4	49	4	4	8	24
12:55	14	1	15	84	2	86	2	2	4	18
13:00	11	0	11	66	6	72	6	0	6	36
13:05	7	0	7	42	3	45	3	0	3	18
13:10	9	0	9	54	5	59	5	0	5	30
13:15	12	0	12	72	6	78	6	0	6	36
13:20	9	1	10	69	6	75	6	0	6	36
13:25	6	1	7	51	3	54	3	1	4	33
13:30	10	0	10	60	2	62	2	1	3	27
13:35	2	2	4	24	5	29	5	0	5	30
13:40	8	0	8	48	5	53	5	0	5	30
13:45	7	1	8	57	4	61	4	4	8	24
13:50	5	1	6	45	6	51	6	0	6	36
13:55	9	2	11	84	4	88	4	0	4	24
14:00	12	2	14	102	10	112	10	0	10	60
14:05	7	1	8	57	6	63	6	0	6	36
14:10	16	1	17	111	14	125	14	0	14	84
14:15	15	1	16	105	13	118	13	7	20	78
14:20	10	0	10	60	7	67	7	0	7	42
14:25	23	0	23	138	7	145	7	4	11	42
14:30	25	0	25	150	5	155	5	1	6	45
14:35	17	2	19	132	11	143	11	0	11	66
14:40	16	1	17	126	7	133	7	0	7	42
14:45	15	0	15	90	7	97	7	0	7	42
14:50	8	3	11	63	7	70	7	0	7	42
14:55	7	3	10	67	5	72	5	0	5	30
15:00	7	2	9	72	3	75	3	0	3	18
15:05	19	2	21	144	5	149	5	0	5	30
15:10	10	1	11	75	8	83	8	0	8	48
15:15	17	0	17	102	11	113	11	0	11	66
15:20	21	1	22	141	17	158	17	0	17	102
15:25	25	3	28	195	21	216	21	1	22	126
15:30	15	3	18	135	12	147	12	0	12	72
15:35	15	3	18	135	12	147	12	0	12	72
15:40	19	1	20	129	7	136	7	0	7	42
15:45	16	1	17	111	11	122	11	0	11	66
15:50	14	0	14	84	8	92	8	0	8	48
15:55	17	0	17	102	7	109	7	0	7	42
16:00	18	0	18	108	8	116	8	0	8	48
16:05	14	0	14	84	7	91	7	0	7	42
16:10	14	1	15	99	12	111	12	0	12	72
16:15	18	1	19	123	21	144	21	0	21	126
16:20	31	1	32	201	26	227	26	0	26	156
16:25	28	0	28	168	25	193	25	0	25	150
16:30	19	1	20	129	17	146	17	0	17	102
16:35	17	1	18	117	10	127	10	0	10	60
16:40	14	1	15	99	16	115	16	0	16	96
16:45	17	1	18	117	10	127	10	0	10	60
16:50	22	0	22	132	11	143	11	0	11	66
16:55	13	0	13	78	9	87	9	0	9	54
17:00	20	0	20	120	7	127	7	0	7	42
17:05	25	0	25	180	22	202	22	0	22	132
17:10	32	1	33	207	34	241	34	0	34	204
17:15	48	1	49	303	50	353	50	0	50	300
17:20	51	0	51	306	49	355	49	0	49	294
17:25	50	0	50	300	46	346	46	0	46	276
17:30	44	0	44	264	44	308	44	0	44	264
17:35	39	0	39	234	42	276	42	0	42	252
17:40	24	0	24	144	25	169	25	0	25	150
17:45	23	1	24	153	22	175	22	1	23	147
17:50	14	0	14	84	11	95	11	0	11	66
17:55	13	0	13	78	8	86	8	0	8	48
18:00	12	0	12	72	9	81	9	0	9	54
18:05	14	0	14	84	13	97	13	0	13	78
18:10	25	0	25	150	16	166	16	0	16	96
18:15	31	0	31	186	18	204	18	0	18	108
18:20	33	0	33	198	21	219	21	0	21	126
18:25	19	1	20	129	16	145	16	0	16	96
18:30	28	0	28	168	12	180	12	0	12	72
18:35	24	0	24	144	19	163	19	0	19	114
18:40	28	0	28	168	14	182	14	0	14	84
18:45	30	2	32	210	15	225	15	0	15	90
18:50	27	0	27	162	16	178	16	0	16	96
18:55	19	0	19	114	9	123	9	0	9	54