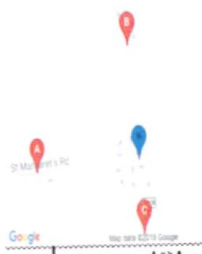


IDASO

Survey Name: 029 19025 Northwood

Site: 1

Location: St Margaret's Rd

Date: 12-Feb-2019

A => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	1	0	0	0	0	1	1
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	0	0	0	0	1	1
14:00	0	0	1	0	0	0	0	1	1
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	2	0	0	0	0	2	2
15:00	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12 TOT	0	0	4	0	0	0	0	4	4

A => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	1	0	18	5	0	0	0	24	25.7
07:15	0	0	24	2	0	1	0	27	29.3
07:30	0	1	22	9	1	0	0	33	37.4
07:45	0	0	29	6	0	0	0	35	38
H/TOT	1	1	93	22	1	1	0	119	130.4
08:00	0	0	28	5	5	0	0	38	43
08:15	0	0	36	8	7	0	0	51	58.5
08:30	0	0	31	5	1	2	0	39	44.6
08:45	0	0	24	1	2	0	0	27	28.5
H/TOT	0	0	119	19	15	2	0	155	174.6
09:00	0	0	21	1	1	0	0	23	24
09:15	0	0	10	4	0	1	0	15	18.3
09:30	0	0	17	3	1	0	0	21	23
09:45	0	0	15	3	1	0	1	20	23
H/TOT	0	0	63	11	3	1	1	79	88.3
10:00	0	0	12	2	1	0	2	17	20.5
10:15	0	1	25	4	0	0	0	30	31.4
10:30	0	1	28	5	2	0	1	37	40.9
10:45	1	0	42	1	1	0	0	45	45.2
H/TOT	1	2	107	12	4	0	3	129	138
11:00	0	0	45	4	1	0	0	50	52.5
11:15	0	1	56	3	0	0	0	60	60.9
11:30	0	0	61	3	0	0	0	64	65.5
11:45	1	0	63	6	1	1	0	72	76
H/TOT	1	1	225	16	2	1	0	246	254.9
12:00	0	0	64	2	1	0	0	67	68.5
12:15	0	0	64	1	1	0	2	68	71
12:30	0	0	80	5	2	0	0	87	90.5
12:45	0	0	79	7	0	0	0	86	89.5
H/TOT	0	0	287	15	4	0	2	308	319.5
13:00	0	0	83	4	4	0	0	91	95
13:15	0	0	82	9	1	0	0	92	97
13:30	0	0	69	7	1	0	0	77	81
13:45	0	0	76	6	3	2	0	87	94.1
H/TOT	0	0	310	26	9	2	0	347	367.1
14:00	0	1	84	7	0	0	1	93	96.9
14:15	0	0	68	4	0	1	0	73	76.3
14:30	0	0	70	8	0	0	0	78	82
14:45	0	0	55	10	0	0	0	65	70
H/TOT	0	1	277	29	0	1	1	309	325.2
15:00	0	0	68	4	0	0	0	72	74
15:15	0	0	89	11	1	2	0	103	111.6
15:30	0	0	81	7	0	1	0	89	93.8
15:45	0	0	61	5	1	0	0	67	70
H/TOT	0	0	299	27	2	3	0	331	349.4
16:00	0	0	88	9	1	0	0	98	103
16:15	0	0	68	9	1	0	0	78	83
16:30	0	0	101	9	1	0	0	111	116
16:45	0	0	67	6	0	1	0	74	78.3
H/TOT	0	0	324	33	3	1	0	361	380.3
17:00	1	0	113	16	2	0	0	132	140.2
17:15	0	0	71	6	2	0	0	79	83
17:30	0	0	57	7	1	0	0	65	69
17:45	0	0	41	7	2	0	0	50	54.5
H/TOT	1	0	282	36	7	0	0	326	346.7
18:00	0	0	64	7	0	0	0	71	74.5
18:15	0	0	67	1	1	0	0	69	70
18:30	0	0	55	3	0	0	0	58	59.5
18:45	0	1	58	3	0	0	1	63	64.9
H/TOT	0	1	244	14	1	0	1	261	268.9
12 TOT	4	6	2630	260	51	12	8	2971	3143

A => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	15	2	0	0	0	17	18
07:15	0	0	22	3	0	0	0	25	26.5
07:30	0	0	24	4	1	0	0	29	31.5
07:45	0	0	37	2	1	0	0	40	41.5
H/TOT	0	0	98	11	2	0	0	111	117.5
08:00	1	0	32	4	0	0	0	37	38.2
08:15	1	0	47	3	1	0	0	52	53.2
08:30	1	0	42	5	0	1	0	49	52
08:45	0	0	39	6	2	0	1	48	53
H/TOT	3	0	160	18	3	1	1	186	196.4
09:00	0	0	31	4	0	0	0	35	37
09:15	1	0	24	6	1	0	0	32	34.7
09:30	3	0	15	1	1	0	0	20	18.6
09:45	0	0	30	6	1	0	0	37	40.5
H/TOT	4	0	100	17	3	0	0	124	130.8
10:00	3	0	22	2	1	0	0	28	27.1
10:15	0	0	19	2	1	0	0	22	23.5
10:30	0	0	22	5	1	0	0	28	31
10:45	3	0	28	0	1	0	0	32	30.1
H/TOT	6	0	91	9	4	0	0	110	111.7
11:00	1	0	25	1	0	0	0	27	26.7
11:15	2	0	28	0	0	0	0	30	28.4
11:30	0	0	30	7	0	0	0	37	40.5
11:45	3	0	44	6	2	1	0	56	58.9
H/TOT	6	0	127	14	2	1	0	150	154.5
12:00	1	1	39	1	0	0	0	42	41.1
12:15	0	0	30	3	0	0	0	33	34.5
12:30	0	0	47	4	2	0	0	53	56
12:45	0	0	39	7	0	0	0	46	49.5
H/TOT	1	1	155	15	2	0	0	174	181.1
13:00	1	0	52	4	0	0	0	57	58.2
13:15	0	0	40	2	0	0	0	42	43
13:30	0	0	33	3	0	0	0	36	37.5
13:45	0	0	38	7	2	0	0	47	51.5
H/TOT	1	0	163	16	2	0	0	182	190.2
14:00	1	0	43	1	2	0	0	47	47.7
14:15	1	0	49	0	0	0	0	50	49.2
14:30	0	0	34	0	0	0	0	34	34
14:45	0	0	31	4	1	0	0	36	38.5
H/TOT	2	0	157	5	3	0	0	167	169.4
15:00	0	0	38	8	0	0	0	46	50
15:15	0	0	37	8	1	0	0	46	50.5
15:30	0	0	34	2	2	0	0	38	40
15:45	1	0	41	4	2	0	0	48	50.2
H/TOT	1	0	150	22	5	0	0	178	190.7
16:00	1	0	46	3	0	0	0	50	50.7
16:15	2	0	53	6	1	0	0	62	63.9
16:30	1	0	51	1	0	0	0	53	52.7
16:45	1	1	53	9	0	0	0	64	67.1
H/TOT	5	1	203	19	1	0	0	229	234.4
17:00	0	2	43	1	1	0	0	47	46.8
17:15	4	0	46	2	1	0	0	53	51.3
17:30	4	1	34	5	0	0	0	44	42.7
17:45	0	0	39	2	0	0	0	41	42
H/TOT	8	3	162	10	2	0	0	185	182.8
18:00	2	0	41	3	0	0	0	46	45.9
18:15	1	2	33	3	0	0	0	39	38.5
18:30	1	0	46	1	0	0	0	48	47.7
18:45	0	0	34	3	0	0	0	37	38.5
H/TOT	4	2	154	10	0	0	0	170	170.6
12 TOT	41	7	1720	166	29	2	1	1966	2030

B => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	22	3	0	0	2	27	30.5
07:15	0	0	14	6	1	0	2	23	28.5
07:30	0	0	40	8	2	1	2	53	61.3
07:45	0	0	48	10	0	0	2	60	67
H/TOT	0	0	124	27	3	1	8	163	187.3
08:00	0	0	40	4	1	0	0	45	47.5
08:15	0	0	47	4	2	0	2	55	60
08:30	0	0	42	9	0	0	0	51	55.5
08:45	0	0	34	4	1	1	0	40	43.8
H/TOT	0	0	163	21	4	1	2	191	206.8
09:00	0	0	25	8	2	0	0	35	40
09:15	0	0	24	3	0	0	0	27	28.5
09:30	0	0	59	8	1	1	0	69	74.8
09:45	0	0	63	3	0	0	0	66	67.5
H/TOT	0	0	171	22	3	1	0	197	210.8
10:00	0	0	55	5	2	0	0	62	65.5
10:15	0	0	76	3	1	0	0	80	82
10:30	0	0	64	4	0	1	0	69	72.3
10:45	0	1	72	5	0	1	0	79	82.2
H/TOT	0	1	267	17	3	2	0	290	302
11:00	0	0	83	5	0	0	0	88	90.5
11:15	0	0	82	1	0	0	0	83	83.5
11:30	0	0	70	6	2	1	0	79	84.3
11:45	0	0	82	2	2	1	0	87	90.3
H/TOT	0	0	317	14	4	2	0	337	348.6
12:00	0	0	65	6	1	0	0	72	75.5
12:15	0	0	72	8	1	1	1	83	89.8
12:30	0	0	78	3	2	0	0	83	85.5
12:45	0	0	55	7	1	0	0	63	67
H/TOT	0	0	270	24	5	1	1	301	317.8
13:00	0	1	49	6	1	0	0	57	59.9
13:15	0	0	51	8	1	0	0	60	64.5
13:30	0	0	58	2	1	2	0	63	67.1
13:45	0	0	54	2	0	0	0	56	57
H/TOT	0	1	212	18	3	2	0	236	248.5
14:00	0	0	52	6	1	0	1	60	64.5
14:15	0	0	52	6	0	0	0	58	61
14:30	0	0	50	6	0	0	1	57	61
14:45	0	0	52	3	1	2	1	59	64.6
H/TOT	0	0	206	21	2	2	3	234	251.1
15:00	0	0	43	10	1	0	0	54	59.5
15:15	0	0	56	4	0	0	0	60	62
15:30	0	0	48	3	0	0	0	51	52.5
15:45	2	0	53	4	1	0	2	62	64.9
H/TOT	2	0	200	21	2	0	2	227	238.9
16:00	0	0	48	3	2	0	1	54	57.5
16:15	0	0	49	8	0	0	0	57	61
16:30	0	1	45	10	1	0	2	59	65.9
16:45	0	1	47	8	1	0	0	57	60.9
H/TOT	0	2	189	29	4	0	3	227	245.3
17:00	0	0	31	10	1	0	0	42	47.5
17:15	0	0	56	7	0	0	1	64	68.5
17:30	0	0	47	5	0	0	0	52	54.5
17:45	0	0	56	4	1	0	0	61	63.5
H/TOT	0	0	190	26	2	0	1	219	234
18:00	0	0	43	1	1	0	0	45	46
18:15	0	0	48	4	0	0	0	52	54
18:30	0	0	49	1	0	0	0	50	50.5
18:45	0	0	50	5	0	0	0	55	57.5
H/TOT	0	0	190	11	1	0	0	202	208
12 TOT	2	4	2499	251	36	12	20	2824	2999

B => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	2	0	0	0	0	2	2
12:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	2	0	0	0	0	2	2
13:00	0	0	1	0	0	0	0	1	1
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1
14:00	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	1	0	0	0	0	1	1
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1
12 TOT	0	0	4	0	0	0	0	4	4

B => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	249	56	7	10	3	325	372.5
07:15	1	0	274	69	16	10	3	373	430.7
07:30	0	0	336	57	6	12	5	416	468.1
07:45	1	5	426	46	8	5	3	494	526.7
H/TOT	2	5	1285	228	37	37	14	1608	1798
08:00	0	4	475	39	7	2	3	530	556.2
08:15	0	1	409	31	12	6	5	464	497.7
08:30	0	2	466	29	7	7	3	514	542.9
08:45	0	3	414	24	5	7	2	455	478.8
H/TOT	0	10	1764	123	31	22	13	1963	2076
09:00	1	0	365	27	5	9	3	410	439.9
09:15	0	2	315	26	9	11	5	368	403.6
09:30	0	2	327	37	7	12	1	386	423.4
09:45	0	1	250	44	9	11	4	319	363.2
H/TOT	1	5	1257	134	30	43	13	1483	1630
10:00	0	0	179	21	6	5	3	214	237
10:15	0	0	209	28	4	7	3	251	279.1
10:30	0	1	158	22	9	9	3	202	231.6
10:45	0	0	160	32	8	8	3	211	244.4
H/TOT	0	1	706	103	27	29	12	878	992.1
11:00	0	0	156	28	5	12	4	205	241.1
11:15	0	0	161	28	8	10	2	209	242
11:30	0	0	140	21	11	8	2	182	210.4
11:45	0	1	156	36	10	11	3	217	256.7
H/TOT	0	1	613	113	34	41	11	813	950.2
12:00	1	0	176	22	9	12	4	224	258.3
12:15	0	0	183	20	3	11	3	220	248.8
12:30	0	0	172	26	10	8	2	218	248.4
12:45	0	0	160	34	7	7	2	210	241.6
H/TOT	1	0	691	102	29	38	11	872	997.1
13:00	0	0	154	26	7	7	2	196	223.6
13:15	0	2	186	30	2	7	3	230	256.9
13:30	0	0	201	17	6	9	5	238	266.2
13:45	0	1	166	21	9	9	1	207	234.1
H/TOT	0	3	707	94	24	32	11	871	980.8
14:00	0	1	161	30	2	7	3	204	231.5
14:15	1	0	162	28	9	4	5	209	236.9
14:30	0	1	156	18	6	5	4	190	211.9
14:45	0	1	177	20	5	7	4	214	239
H/TOT	1	3	656	96	22	23	16	817	919.3
15:00	0	0	201	23	8	7	6	245	275.6
15:15	0	1	177	25	3	4	1	211	230.6
15:30	2	0	165	17	4	8	7	203	229.3
15:45	0	2	181	24	5	7	7	226	255.4
H/TOT	2	3	724	89	20	26	21	885	990.9
16:00	0	0	188	29	3	1	5	226	248.3
16:15	1	2	214	32	9	6	4	268	298.3
16:30	0	2	221	22	4	3	5	257	277.7
16:45	1	2	191	21	2	7	2	226	246.6
H/TOT	2	6	814	104	18	17	16	977	1071
17:00	1	2	228	29	4	4	5	273	297.7
17:15	1	4	227	20	9	5	2	268	287.8
17:30	0	4	250	25	3	2	6	290	310.2
17:45	1	2	247	28	4	6	3	291	315.8
H/TOT	3	12	952	102	20	17	16	1122	1212
18:00	0	0	197	18	5	6	4	230	253.3
18:15	0	1	199	12	2	4	1	219	231.6
18:30	1	4	183	12	4	3	3	210	221.7
18:45	0	0	174	14	2	1	6	197	212.3
H/TOT	1	5	753	56	13	14	14	856	918.9
12 TOT	13	54	10922	1344	305	339	168	13145	14535

C => A

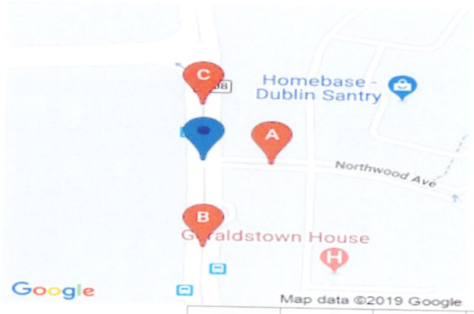
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	1	0	6	2	0	0	0	9	9.2
07:15	1	1	10	0	0	0	0	12	10.6
07:30	0	1	11	2	1	0	0	15	15.9
07:45	0	0	22	1	0	0	2	25	27.5
H/TOT	2	2	49	5	1	0	2	61	63.2
08:00	1	0	31	1	0	0	0	33	32.7
08:15	3	0	28	3	1	0	0	35	34.6
08:30	0	0	25	1	2	1	0	29	31.8
08:45	1	0	33	2	1	0	0	37	37.7
H/TOT	5	0	117	7	4	1	0	134	136.8
09:00	0	0	27	3	2	0	0	32	34.5
09:15	0	0	35	3	0	0	1	39	41.5
09:30	1	0	29	1	0	0	0	31	30.7
09:45	3	0	36	7	0	0	0	46	47.1
H/TOT	4	0	127	14	2	0	1	148	153.8
10:00	2	0	35	2	0	0	0	39	38.4
10:15	0	0	42	2	1	0	0	45	46.5
10:30	0	0	35	3	1	0	0	39	41
10:45	0	0	41	3	0	0	0	44	45.5
H/TOT	2	0	153	10	2	0	0	167	171.4
11:00	0	0	44	2	0	0	0	46	47
11:15	0	0	30	1	1	0	0	32	33
11:30	1	0	41	2	2	0	0	46	47.2
11:45	0	0	32	10	0	0	0	42	47
H/TOT	1	0	147	15	3	0	0	166	174.2
12:00	0	1	35	4	2	0	0	42	44.4
12:15	1	0	33	3	0	0	0	37	37.7
12:30	2	0	42	4	1	0	0	49	49.9
12:45	0	0	37	1	3	0	0	41	43
H/TOT	3	1	147	12	6	0	0	169	175
13:00	0	0	30	2	1	0	0	33	34.5
13:15	0	0	47	0	2	0	0	49	50
13:30	2	0	40	1	1	0	0	44	43.4
13:45	0	0	48	3	1	0	0	52	54
H/TOT	2	0	165	6	5	0	0	178	181.9
14:00	2	0	42	3	0	0	0	47	46.9
14:15	2	0	34	3	0	0	0	39	38.9
14:30	1	0	39	4	1	0	0	45	46.7
14:45	0	0	46	2	1	0	0	49	50.5
H/TOT	5	0	161	12	2	0	0	180	183
15:00	1	0	43	3	0	0	0	47	47.7
15:15	2	0	33	1	0	0	0	36	34.9
15:30	0	0	36	0	0	0	0	36	36
15:45	2	0	49	4	0	0	0	55	55.4
H/TOT	5	0	161	8	0	0	0	174	174
16:00	3	0	30	2	1	0	0	36	35.1
16:15	1	0	42	2	0	0	0	45	45.2
16:30	1	0	31	1	1	0	0	34	34.2
16:45	0	0	38	4	0	0	0	42	44
H/TOT	5	0	141	9	2	0	0	157	158.5
17:00	4	0	32	5	0	0	0	41	40.3
17:15	0	0	31	1	0	0	0	32	32.5
17:30	1	0	42	1	0	0	0	44	43.7
17:45	2	0	49	3	1	0	0	55	55.4
H/TOT	7	0	154	10	1	0	0	172	171.9
18:00	2	0	41	1	0	0	0	44	42.9
18:15	4	0	44	2	0	0	0	50	47.8
18:30	1	1	33	1	0	0	0	36	35.1
18:45	0	1	40	2	0	0	0	43	43.4
H/TOT	7	2	158	6	0	0	0	173	169.2
12 TOT	48	5	1680	114	28	1	3	1879	1913

C => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	94	21	6	4	1	126	145.7
07:15	0	1	106	26	4	4	1	142	162.6
07:30	1	0	166	19	11	9	3	209	237.9
07:45	0	5	164	20	6	6	1	202	220.8
H/TOT	1	6	530	86	27	23	6	679	767
08:00	1	2	202	30	4	7	2	248	274.1
08:15	1	0	146	25	4	6	2	184	207.5
08:30	0	0	183	25	9	4	2	223	247.2
08:45	0	0	157	22	7	6	3	195	220.3
H/TOT	2	2	688	102	24	23	9	850	949.1
09:00	0	0	159	25	13	4	2	203	229.2
09:15	0	1	155	29	11	4	9	209	242.6
09:30	0	0	152	22	8	5	1	188	210.5
09:45	0	0	102	23	9	11	6	151	187.3
H/TOT	0	1	568	99	41	24	18	751	869.6
10:00	0	0	116	27	7	12	5	167	204.6
10:15	1	1	108	16	11	8	10	155	187.5
10:30	0	0	106	25	11	4	4	150	177.2
10:45	0	0	117	16	4	3	6	146	165.9
H/TOT	1	1	447	84	33	27	25	618	735.2
11:00	1	0	138	29	11	5	3	187	215.7
11:15	0	0	139	21	9	11	2	182	213.3
11:30	2	0	150	27	8	5	4	196	222.4
11:45	0	1	123	19	8	6	3	160	183.7
H/TOT	3	1	550	96	36	27	12	725	835.1
12:00	0	1	157	30	8	4	2	202	227.6
12:15	0	0	156	15	8	8	1	188	210.9
12:30	0	0	153	30	6	2	5	196	221.6
12:45	0	1	168	22	5	6	0	202	222.7
H/TOT	0	2	634	97	27	20	8	788	882.8
13:00	0	0	197	22	9	2	5	235	258.1
13:15	0	0	171	29	7	8	1	216	245.4
13:30	0	1	184	33	10	9	7	244	283.6
13:45	1	0	188	25	8	3	2	227	248.6
H/TOT	1	1	740	109	34	22	15	922	1036
14:00	0	0	197	26	4	3	1	231	250.9
14:15	0	0	190	28	5	8	3	234	263.9
14:30	1	0	191	20	6	6	3	227	250
14:45	0	0	199	30	7	6	4	246	276.3
H/TOT	1	0	777	104	22	23	11	938	1041
15:00	1	1	249	32	14	5	3	305	336.1
15:15	0	1	234	25	7	8	1	276	302.8
15:30	0	0	240	36	7	6	2	291	322.3
15:45	0	1	253	39	3	4	5	305	335.6
H/TOT	1	3	976	132	31	23	11	1177	1297
16:00	0	2	317	36	7	5	3	370	399.8
16:15	0	1	332	45	8	5	4	395	431.4
16:30	0	0	372	57	3	6	1	439	477.8
16:45	0	1	338	34	8	5	4	390	420.9
H/TOT	0	4	1359	172	26	21	12	1594	1730
17:00	0	2	394	49	2	5	2	454	486.8
17:15	0	2	398	35	4	6	3	448	477.1
17:30	1	3	406	38	2	6	7	463	495.2
17:45	1	2	366	24	3	5	4	405	427
H/TOT	2	9	1564	146	11	22	16	1770	1886
18:00	0	0	319	11	5	6	2	343	360.8
18:15	0	2	310	21	6	2	5	346	365.9
18:30	0	2	205	13	2	4	2	228	241.5
18:45	0	1	234	10	3	4	6	258	275.1
H/TOT	0	5	1068	55	16	16	15	1175	1243
12 TOT	12	35	9901	1282	328	271	158	11987	13272

C => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0



IDASO

Survey Name: 029 19025 Northwood
Site: 2
Location: R108 / Northwood Ave
Date: 12-Feb-2019

TIME	A1	A2	A3	B1	B2	B3	B4	C1	C2	C3
07:00	15	20	25	10	30	15	40	30	50	50
07:15	20	60#	40	5	20	0	25	30	50	40
07:30	15	45	25	0	20	15	30	40	40	60
07:45	20	15	30	30	10	0	20	30	125#	70
08:00	15	60#	40	10	50	10	20	20	80	125#
08:15	15	60#	40	25	20	10	25	30	125#	125#
08:30	10	60#	40	5	30	5	80	40	125#	60
08:45	15	30	20	15	30	15	80	60	125#	50
09:00	10	60#	40	10	35	30	50	20	30	20
09:15	10	50	30	15	30	15	50	40	100	30
09:30	20	60#	40	15	35	5	30	20	50	40
09:45	20	60#	30	15	10	0	50	20	30	40
10:00	15	60#	30	5	20	10	20	25	25	30
10:15	20	60#	35	5	15	5	25	20	30	40
10:30	15	60#	25	0	15	5	20	15	20	25
10:45	15	30	30	10	15	5	10	20	25	30
11:00	10	40	35	15	20	5	20	30	15	10
11:15	25	40	35	10	20	5	15	15	20	20
11:30	15	40	20	15	20	10	25	10	25	30
11:45	15	30	20	10	20	15	20	15	20	20
12:00	20	30	20	15	20	10	35	10	15	20
12:15	20	50	15	0	20	25	20	15	30	20
12:30	10	40	20	10	20	10	30	20	20	25
12:45	25	50	30	10	20	10	25	30	15	30

TIME	A1	A2	A3	B1	B2	B3	B4	C1	C2	C3
13:00	25	30	40	5	30	20	45	30	20	30
13:15	20	50	30	20	25	20	20	15	20	15
13:30	25	60#	30	15	35	20	30	15	30	25
13:45	30	60#	20	15	30	25	110	25	20	20
14:00	50	60#	30	20	30	10	30	10	30	20
14:15	20	60#	40	10	40	5	30	15	30	20
14:30	30	60#	40	15	30	25	30	15	20	15
14:45	30	60#	30	10	20	5	25	15	30	125#
15:00	20	60#	25	10	25	20	30	25	50	30
15:15	40	60#	25	0	20	10	30	10	40	30
15:30	30	60#	40	10	30	15	35	15	25	15
15:45	15	60#	45	5	40	10	30	10	20	15
16:00	50	60#	35	15	110	15	30	5	20	25
16:15	30	60#	30	5	20	20	40	15	20	15
16:30	20	50	40	5	110	15	30	15	30	20
16:45	20	60#	40	15	115	15	35	20	25	35
17:00	50	60#	40	5	150	30	40	15	20	15
17:15	60#	60#	40	15	165	130	30	10	15	10
17:30	60#	60#	40	10	130	20	40	15	35	25
17:45	40	60#	30	15	70	20	40	15	10	15
18:00	30	60#	20	10	100	20	30	15	40	20
18:15	20	60#	40	5	120	15	35	10	20	15
18:30	20	50	30	5	30	15	10	10	15	10
18:45	20	50	30	15	20	15	15	5	15	35

Queue's are measured in meters

Cannot be seen from camera
\+ Signifies queue stretches to a minimum length of x and beyond the view of the camera
\# Signifies queue stretches to the next significant junction
* Indicates an estimated queue length due to obscured vision.

Queue lengths are compiled from CCTV observations and are therefore subject to the limitations of the camera view.

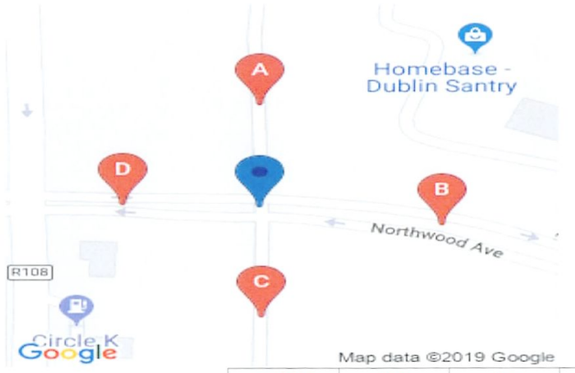
IDASO

Survey Name: 029 19025 Northwood
Site: 2
Location: R108 / Northwood Ave
Date: 12-Feb-2019

TIME	A => A P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	A => B P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	A => C P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	17	3	0	0	0	20	21.5	0	0	27	4	3	3	0	37	44.4
07:15	0	0	0	0	0	0	0	0	0	0	0	29	4	0	0	0	33	35	0	0	22	4	1	5	0	32	41
07:30	0	0	0	0	0	0	0	0	0	0	0	24	7	2	0	0	33	37.5	0	0	52	7	8	10	0	77	97.5
07:45	0	0	0	0	0	0	0	0	0	0	1	20	3	0	0	0	24	24.9	0	0	47	4	1	0	1	53	56.5
H/TOT	0	0	0	0	0	0	0	0	0	0	1	90	17	2	0	0	110	118.9	0	0	148	19	13	18	1	199	239.4
08:00	0	0	0	0	0	0	0	0	0	0	1	25	7	0	0	0	33	35.9	0	0	49	9	2	3	0	63	72.4
08:15	0	0	0	0	0	0	0	0	0	0	0	38	6	0	0	0	44	47	1	0	41	6	4	5	0	57	67.7
08:30	0	0	0	0	0	0	0	0	0	0	2	36	3	3	0	0	44	45.8	0	0	46	5	5	4	0	60	70.2
08:45	0	0	0	0	0	0	0	0	0	0	0	31	3	0	1	0	35	37.8	1	0	35	3	5	3	0	47	54.1
H/TOT	0	0	0	0	0	0	0	0	0	0	3	130	19	3	1	0	156	166.5	2	0	171	23	16	15	0	227	264.4
09:00	0	0	0	0	0	0	0	0	0	0	0	27	7	0	1	0	35	39.8	0	0	40	14	6	4	0	64	79.2
09:15	0	0	0	0	0	0	0	0	0	1	0	32	0	1	0	0	34	33.7	0	0	36	13	6	3	1	59	73.4
09:30	0	0	0	0	0	0	0	0	0	0	1	26	6	2	0	0	35	38.4	1	0	56	6	3	4	0	70	78.9
09:45	0	0	0	0	0	0	0	0	0	0	1	21	7	0	0	0	29	31.9	0	0	40	7	8	6	0	61	76.3
H/TOT	0	0	0	0	0	0	0	0	0	1	2	106	20	3	1	0	133	143.8	1	0	172	40	23	17	1	254	307.8
10:00	0	0	0	0	0	0	0	0	0	0	0	21	3	0	0	0	24	25.5	0	0	44	4	3	8	0	59	72.9
10:15	0	0	0	0	0	0	0	0	0	0	0	25	5	1	0	0	31	34	0	0	49	7	4	6	0	66	79.3
10:30	0	0	0	0	0	0	0	0	0	1	0	26	3	0	0	0	30	30.7	0	0	40	3	6	2	0	51	58.1
10:45	0	0	0	0	0	0	0	0	0	0	0	32	4	0	1	0	37	40.3	0	0	50	10	1	0	0	61	66.5
H/TOT	0	0	0	0	0	0	0	0	0	1	0	104	15	1	1	0	122	130.5	0	0	183	24	14	16	0	237	276.8
11:00	0	0	0	0	0	0	0	0	0	0	0	30	2	0	0	0	32	33	0	0	50	5	4	2	0	61	68.1
11:15	0	0	0	0	0	0	0	0	0	0	0	32	5	1	0	0	38	41	0	0	45	7	5	10	0	67	86
11:30	0	0	0	0	0	0	0	0	0	0	0	26	2	0	0	0	28	29	1	0	36	5	2	2	0	46	51.3
11:45	0	0	0	0	0	0	0	0	0	2	0	35	6	0	0	0	43	44.4	0	0	43	9	3	5	0	60	72.5
H/TOT	0	0	0	0	0	0	0	0	0	2	0	123	15	1	0	0	141	147.4	1	0	174	26	14	19	0	234	277.9
12:00	0	0	0	0	0	0	0	0	0	0	0	35	2	1	0	0	38	39.5	0	0	46	10	4	2	0	62	71.6
12:15	0	0	0	0	0	0	0	0	0	0	0	30	4	2	1	0	37	41.3	1	0	54	5	3	4	0	67	75.4
12:30	0	0	0	0	0	0	0	0	0	0	0	28	6	0	0	0	34	37	2	0	69	7	5	1	0	84	89.7
12:45	0	0	0	0	0	0	0	0	0	1	0	34	4	1	0	0	40	41.7	0	1	67	5	2	3	0	78	84.8
H/TOT	0	0	0	0	0	0	0	0	0	1	0	127	16	4	1	0	149	159.5	3	1	236	27	14	10	0	291	321.5
13:00	0	0	0	0	0	0	0	0	0	1	0	48	1	2	0	0	52	52.7	0	0	83	10	3	2	1	99	109.1
13:15	0	0	0	0	0	0	0	0	0	1	0	51	2	0	0	0	54	54.2	0	0	64	4	4	7	0	79	92.1
13:30	0	0	0	0	0	0	0	0	0	1	1	54	4	0	0	1	61	62.6	1	0	66	9	5	5	0	86	98.7
13:45	0	0	0	0	0	0	0	0	0	1	0	44	5	0	0	0	50	51.7	0	0	79	8	2	2	0	91	98.6
H/TOT	0	0	0	0	0	0	0	0	0	4	1	197	12	2	0	1	217	221.2	1	0	292	31	14	16	1	355	398.5
14:00	0	0	0	0	0	0	0	0	0	0	0	43	7	1	0	0	51	55	0	0	58	7	2	2	0	69	76.1
14:15	0	0	0	0	0	0	0	0	0	2	0	37	2	1	0	0	42	41.9	0	0	57	11	2	6	0	76	90.3
14:30	0	0	0	0	0	0	0	0	0	0	0	41	6	0	0	0	47	50	0	0	73	11	3	5	0	92	105.5
14:45	0	0	0	0	0	0	0	0	0	0	0	41	4	1	0	0	46	48.5	0	0	69	12	4	4	0	89	102.2
H/TOT	0	0	0	0	0	0	0	0	0	2	0	162	19	3	0	0	186	195.4	0	0	257	41	11	17	0	326	374.1
15:00	0	0	0	0	0	0	0	0	0	0	0	40	3	1	0	0	44	46	2	0	75	6	4	3	0	90	97.3
15:15	0	0	0	0	0	0	0	0	0	1	0	48	0	0	0	0	49	48.2	0	0	71	7	2	6	0	86	98.3
15:30	0	0	0	0	0	0	0	0	0	1	0	36	5	0	1	0	43	46	0	0	72	15	1	4	1	93	107.2
15:45	0	0	0	0	0	0	0	0	0	1	0	44	13	0	0	0	58	63.7	2	0	69	15	2	2	0	90	99.5
H/TOT	0	0	0	0	0	0	0	0	0	3	0	168	21	1	1	0	194	203.9	4	0	287	43	9	15	1	359	402.3
16:00	0	0	0	0	0	0	0	0	0	1	0	41	10	0	0	0	52	56.2	3	0	90	15	4	4	0	116	128.3
16:15	0	0	0	0	0	0	0	0	0	1	0	41	7	0	1	0	50	54	1	0	82	13	1	2	0	99	107.8
16:30	0	0	0	0	0	0	0	0	0	0	0	39	3	1	0	0	43	45	0	0	102	7	1	2	0	112	118.6
16:45	0	0	0	0	0	0	0	0	0	0	0	46	4	0	0	0	50	52	0	1	99	7	1	4	0	112	120.6
H/TOT	0	0	0	0	0	0	0	0	0	2	0	167	24	1	1	0	195	207.2	4	1	373	42	7	12	0	439	475.3
17:00	0	0	0	0	0	0	0	0	0	0	0	70	5	0	0	0	75	77.5	1	1	88	9	2	6	0	107	118.9
17:15	0	0	0	0	0	0	0	0	0	2	1	66	4	0	0	0	73	72.8	0	0	81	9	1	5	0	96	107.5
17:30	0	0	0	0	0	0	0	0	0	1	0	62	2	0	0	0	65	65.2	0	0	104	4	1	4	0	113	120.7
17:45	0	0	0	0	0	0	0	0	0	1	1	45	5	0	0	0	52	53.1	1	0	95	9	1	4	0	110	119.4
H/TOT	0	0	0	0	0	0	0	0	0	4	2	243	16	0	0	0	265	268.6	2	1	368	31	5	19	0	426	466.5
18:00	0	0	0	0	0	0	0	0	0	1	0	59	1	0	1	0	62	63	1	0	95	2	3	5	0	106	114.2
18:15	0	0	0	0	0	0	0	0	0	3	0	40	5	0	0	0	48	48.1	3	1	87	7	2	1	0	101	103.8
18:30	0	0	0	0	0	0	0	0	0	1	0	34	2	0	0	0	37	37.2	1	1	74	5	0	4	0	85	91.3
18:45	0	0	0	0	0	0	0	0	0	0	0	33	1	0	0	0	34	34.5	1	1	61	4	0	3	0	70	74.5
H/TOT	0	0	0	0	0	0	0	0	0	5	0	166	9	0	1	0	181	182.8	6	3	317	18	5	13	0	362	383.8
12 TOT	0	0	0	0	0	0	0	0	0	25	9	1783	203	21	7	1	2049	2146	24	6	2978	365	145	187	4	3709	4188

TIME	B => A P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	B => B P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	B => C P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	9	2	1	0	0	12	13.5	0	0	0	1	0	0	0	1	1.5	0	0	72	19	3	2	2	98	113.6
07:15	1	0	13	3	0	0	0	17	17.7	0	0	1	1	0	0	0	2	2.5	1	1	95	20	0	0	1	118	127.6
07:30	2	0	18	1	0	0	0	21	19.9	0	0	3	0	0	0	0	3	3	2	2	132	12	5	0	3	156	164.7
07:45	1	0	9	1	1	0	0	12	12.2	0	0	1	0	0	0	0	1	1	0	6	148	13	4	2	3	176	186.5
H/TOT	4	0	49	7	2	0	0	62	63.3	0	0	5	2	0	0	0	7	8	3	9	447	64	12	4	9	548	592.4
08:00	0	0	18	2	0	0	0	20	21	0	0	3	0	0	0	0	3	3	0	2	172	21	1	3	1	200	214.7
08:15	1	0	13	4	0	1	0	19	21.5	0	0	2	0	0	0	0	2	2	1	0	146	22	3	0	3	175	189.7
08:30	0	0	29	1	0	2	0	32	35.1	0	0	2	0	0	0	0	2	2	0	0	157	18	6	1	1	183	197.3
08:45	1	0	25	1	1	1	0	29	30.5	0	0	3	0	0	0	0	3	3	0	0	155	18	3	3	4	183	201.4
H/TOT	2	0	85	8	1	4	0	100	108.1	0	0	10	0	0	0	0	10	10	1	2	630	79	13	7	9	741	803.1
09:00	0	0	27	2	0	0	0	29	30	0	0	2	0	0	0	0	2	2	0	1	151	17	9	0	4	182	198.4
09:15	0	0	33	6	0	0	0	39	42	0	0	4	1	0	0	0	5	5.5	0	1	158	18	5	1	7	190	209.2
09:30	0	0	13	1	2	0	0	16	17.5	0	0	2	0	0	0	0	2	2	0	0	129	15	5	1	1	151	163.3
09:45	1	0	33	4	0	0	0	38	39.2	0	0	3	1	0	0	0	4	4.5	3	0	96	23	3	5	7	137	161.1
H/TOT	1	0	106	13	2	0	0	122	128.7	0	0	11	2	0	0	0	13	14	3	2	534	73	22	7	19	660	732
10:00	0	0	16	2	1	0	0	19	20.5	0	0	2	0	0	0	0	2	2	2	0	102	26	4	3	4	141	162.3
10:15	2	0	15	3	1	0	0	21	21.4	0	0	2	0	0	0	0	2	2	1	2	102	12	10	3	10	140	162.9
10:30	0	0	16	3	0	0	0	19	20.5	0	0	5	0	0	0	0	5	5	0	0	106	20	5	1	5	137	155.8
10:45	2	0	13	3	0	1	0	19	20.2	0	0	1	0	0	0	0	1	1	0	0	109	12	4	3	5	133	149.9
H/TOT	4	0	60	11	2	1	0	78	82.6	0	0	10	0	0	0	0	10	10	3	2	419	70	23	10	24	551	630.9
11:00	0	0	11	1	0	0	0	12	12.5	0	0	2	0	0	0	0	2	2	0	0	125	23	6	3	3	160	181.4
11:15	0	0	15	2	0	0	0	17	18	0	0	1	0	0	0	0	1	1	0	0	130	14	6	2	2	154	168.6
11:30	0	0	17	3	0	0	0	20	21.5	0	0	1	0	0	0	0	1	1	0	0	148	23	8	2	4	185	207.1
11:45	0	0	17	3	0	0	0	20	21.5	0	0	1	0	0	0	0	1	1	0	1	121	20	6	2	3	153	171
H/TOT	0	0	60	9	0	0	0	69	73.5	0	0	5	0	0	0	0	5	5	0	1	524	80	26	9	12	652	728.1
12:00	1	0	20	1	0	1	0	23	24	0	0	3	0	0	0	0	3	3	0	2	153	24	7	2	2	190	208.9
12:15	0	0	14	1	0	0	0	15	15.5	0	0	1	1	0	0	0	2	2.5	0	0	124	10	3	3	1	141	152.4
12:30	0	0	21	4	0	0	0	25	27	0	0	5	0	0	0	0	5	5	1	0	138	29	3	1	5	177	198.5
12:45	0	1	25	2	1	1	0	30	32.2	0	1	5	1	0	0	0	7	6.9	0	0	129	17	5	3	0	154	168.9
H/TOT	1	1	80	8	1	2	0	93	98.7	0	1	14	2	0	0	0	17	17.4	1	2	544	80	18	9	8	662	728.7
13:00	0	0	26	4	0	0	0	30	32	0	0	4	0	0	0	0	4	4	0	0	165	14	7	0	4	190	204.5
13:15	0	1	18	3	0	0	0	22	22.9	0	0	2	1	0	0	0	3	3.5	1	0	144	20	6	3	2	176	194.1
13:30	0	0	27	2	0	0	0	29	30	0	0	6	0	0	0	0	6	6	0	1	161	26	6	3	6	203	228.3
13:45	1	1	38	7	0	0	0	47	49.1	0	0	2	1	0	0	0	3	3.5	0	0	157	20	6	0	2	185	200
H/TOT	1	2	109	16	0	0	0	128	134	0	0	14	2	0	0	0	16	17	1	1	627	80	25	6	14	754	826.9
14:00	0	0	19	1	0	0	0	20	20.5	0	0	4	0	0	0	0	4	4	0	0	183	22	2	1	1	209	223.3
14:15	0	0	20	2	0	0	0	22	23	0	0	2	0	0	0	0	2	2	0	0	160	20	5	3	3	191	210.4
14:30	2	1	26	0	2	0	0	31	29.8	0	0	3	0	0	0	0	3	3	0	0	168	16	3	0	4	191	204.5
14:45	0	1	34	2	0	0	0	37	37.4	0	0	2	0	0	0	0	2	2	0	0	170	16	5	2	4	197	214.1
H/TOT	2	2	99	5	2	0	0	110	110.7	0	0	11	0	0	0	0	11	11	0	0	681	74	15	6	12	788	852.3
15:00	0	0	23	2	2	0	0	27	29	0	0	5	0	0	0	0	5	5	0	1	207	32	9	2	3	254	279.5
15:15	0	0	24	4	0	0	0	28	30	0	0	2	0	0	0	0	2	2	0	1	198	14	6	2	1	222	235
15:30	0	0	29	1	1	0	0	31	32	0	0	2	0	0	0	0	2	2	0	0	193	23	5	2	2	225	243.6
15:45	0	0	21	2	0	0	0	23	24	0	0	5	0	1	0	0	6	6.5	0	1	245	36	5	1	5	293	319.2
H/TOT	0	0	97	9	3	0	0	109	115	0	0	14	0	1	0	0	15	15.5	0	3	843	105	25	7	11	994	1077
16:00	0	1	19	3	0	0	0	23	23.9	0	0	7	0	0	0	0	7	7	0	2	246	20	1	2	4	275	290.9
16:15	0	0	29	2	1	0	0	32	33.5	0	0	1	0	0	0	0	1	1	0	1	307	35	7	3	3	356	383.3
16:30	0	0	15	5	0	1	0	21	24.8	0	0	4	0	0	0	0	4	4	0	0	283	49	3	3	1	339	369.9
16:45	0	0	16	3	0	0	0	19	20.5	0	0	3	0	0	0	0	3	3	0	0	284	41	7	1	5	338	368.3
H/TOT	0	1	79	13	1	1	0	95	102.7	0	0	15	0	0	0	0	15	15	0	3	1120	145	18	9	13	1308	1412
17:00	0	0	13	1	0	1	0	15	16.8	0	0	1	0	0	0	0	1	1	2	2	343	36	1	0	1	385	401.7
17:15	0	0	14	3	0	0	0	17	18.5	0	0	2	0	0	0	0	2	2	0	2	359	29	2	1	4	397	416.6
17:30	1	0	22	0	0	0	0	23	22.2	0	0	2	1	0	0	0	3	3.5	1	3	327	27	1	2	6	367	387
17:45	0	0	17	1	0	0	0	18	18.5	0	0	3	1	0	0	0	4	4.5	2	1	326	19	2	1	3	354	366.6
H/TOT	1	0	66	5	0	1	0	73	76	0	0	8	2	0	0	0	10	11	5	8	1355	111	6	4	14	1503	1572
18:00	0	1	15	1	0	0	0	17	16.9	0	0	3	0	0	0	0	3	3	1	0	260	10	1	1	2	275	283
18:15	0	1	16	1	0	0	0	18	17.9	0	0	6	0	0	0	0	6	6	1	1	253	19	4	1	5	284	300.4
18:30	0	0	15	1	0	0	0	16	16.5	0	0	2	0	0	0	0	2	2	0	3	162	12	1	1	2	181	189
18:45	0	0	20	3	0	0	0	23	24.5	0	0	2	1	0	0	0	3	3.5	0	0	203	12	0	1	6	222	235.3
H/TOT	0	2	66	6	0	0	0	74	75.8	0	0	13	1	0	0	0	14	14.5	2	4	878	53	6	4	15	962	1008
12 TOT	16	8	956	110	14	9	0	1113	1169	0	1	130	11	1	0	0	143	148.4	19	37	8602	1014	209	82	160	10123	10964

TIME	C => A P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	C => B P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	C => C P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	66	22	1	10	0	99	123.5	0	0	218	24	5	1	4	252	271.8	0	0	0	0	0	0	0	0	0
07:15	0	1	74	25	6	8	0	114	139.3	0	0	209	46	8	4	3	270	305.2	0	0	0	0	0	0	0	0	0
07:30	0	0	122	18	1	9	1	151	173.2	0	0	241	40	8	2	3	294	323.6	0	0	0	0	0	0	0	0	0
07:45	0	1	132	6	1	3	0	143	149.8	1	4	337	50	7	2	4	405	436.9	0	0	0	0	0	0	0	0	0
H/TOT	0	2	394	71	9	30	1	507	585.8	1	4	1005	160	28	9	14	1221	1338	0	0	0	0	0	0	0	0	0
08:00	1	1	157	9	4	1	0	173	179.4	0	3	325	35	4	1	3	371	393	0	0	1	0	0	0	0	1	1
08:15	1	0	158	14	2	7	0	182	198.3	0	1	325	21	10	0	5	362	381.9	0	0	0	0	0	0	0	0	0
08:30	0	1	187	13	3	7	0	211	227.5	0	2	283	22	2	1	3	313	328.1	0	0	0	0	0	0	0	0	0
08:45	0	1	204	7	4	7	0	223	237	0	2	266	24	3	1	3	299	315.6	0	0	0	0	0	0	0	0	0
H/TOT	2	3	706	43	13	22	0	789	842.2	0	8	1199	102	19	3	14	1345	1419	0	0	1	0	0	0	0	1	1
09:00	0	0	126	13	0	4	0	143	154.7	0	0	253	18	6	4	4	285	306.2	0	0	0	0	0	0	0	0	0
09:15	1	1	119	14	8	8	1	152	173	0	1	226	23	1	3	3	257	275.3	0	0	0	0	0	0	0	0	0
09:30	2	1	92	10	1	9	0	115	130	1	1	244	27	7	3	1	284	304.5	0	0	0	0	0	0	0	0	0
09:45	0	0	84	16	3	9	0	112	133.2	0	1	191	32	7	2	4	237	262.5	0	0	0	0	0	0	0	0	0
H/TOT	3	2	421	53	12	30	1	522	590.9	1	3	914	100	21	12	12	1063	1149	0	0	0	0	0	0	0	0	0
10:00	1	0	65	2	2	4	0	74	80.4	0	0	147	19	6	1	3	176	192.8	0	0	0	0	0	0	0	0	0
10:15	0	0	80	8	2	6	0	96	108.8	0	0	142	22	3	1	3	171	187.8	0	0	0	0	0	0	0	0	0
10:30	0	0	53	11	5	7	0	76	93.1	0	1	123	18	5	2	3	152	168.5	0	0	0	0	0	0	0	0	0
10:45	0	0	70	5	1	5	0	81	90.5	1	0	125	28	8	2	3	167	189.8	0	0	0	0	0	0	0	0	0
H/TOT	1	0	268	26	10	22	0	327	372.8	1	1	537	87	22	6	12	666	738.9	0	0	0	0	0	0	0	0	0
11:00	0	0	61	8	2	11	0	82	101.3	0	0	117	19	4	0	4	144	159.5	0	0	0	0	0	0	0	0	0
11:15	1	0	68	5	0	7	0	81	91.8	1	0	123	17	7	4	2	154	172.4	0	0	0	0	0	0	0	0	0
11:30	0	0	43	11	4	5	0	63	77	0	0	131	16	8	3	2	160	177.9	0	0	0	0	0	0	0	0	0
11:45	0	0	67	12	5	10	0	94	115.5	3	1	137	27	8	2	3	181	201.1	0	0	0	0	0	0	0	0	0
H/TOT	1	0	239	36	11	33	0	320	385.6	4	1	508	79	27	9	11	639	710.9	0	0	0	0	0	0	0	0	0
12:00	1	0	76	9	2	6	0	94	106.5	0	1	138	15	5	7	4	170	192.5	0	0	0	0	0	0	0	0	0
12:15	0	0	68	5	1	6	0	80	90.8	0	0	138	20	2	4	3	167	186.2	0	0	1	0	0	0	0	1	1
12:30	0	0	56	5	2	6	0	69	80.3	0	0	151	21	9	2	2	185	204.6	0	0	1	0	0	0	0	1	1
12:45	0	0	73	13	2	6	0	94	109.3	0	0	132	27	5	1	2	167	186.3	0	0	0	0	0	0	0	0	0
H/TOT	1	0	273	32	7	24	0	337	386.9	0	1	559	83	21	14	11	689	769.6	0	0	2	0	0	0	0	2	2
13:00	0	0	87	5	4	5	0	101	112	0	0	126	21	3	2	2	154	170.6	0	0	0	0	0	0	0	0	0
13:15	0	1	81	13	1	5	0	101	113.9	0	1	147	18	1	2	3	172	186.5	0	0	0	0	0	0	0	0	0
13:30	0	0	77	6	4	7	1	95	110.1	0	0	154	15	2	2	4	177	192.1	0	0	0	0	0	0	0	0	0
13:45	0	0	72	12	5	7	0	96	113.6	0	1	134	19	6	2	1	163	178.5	0	0	0	0	0	0	0	0	0
H/TOT	0	1	317	36	14	24	1	393	449.6	0	2	561	73	12	8	10	666	727.7	0	0	0	0	0	0	0	0	0
14:00	0	0	55	4	2	7	0	68	80.1	1	1	149	22	2	0	3	178	191.6	0	0	0	0	0	0	0	0	0
14:15	1	0	67	10	2	2	0	82	89.8	1	1	146	19	7	2	5	181	200.2	0	0	0	0	0	0	0	0	0
14:30	0	0	64	4	4	5	1	78	89.5	0	0	123	14	2	0	4	143	155	0	0	0	0	0	0	0	0	0
14:45	0	0	55	7	1	5	0	68	78.5	0	1	157	18	5	2	4	187	204.5	0	0	1	0	0	0	0	1	1
H/TOT	1	0	241	25	9	19	1	296	337.9	2	3	575	73	16	4	16	689	751.3	0	0	1	0	0	0	0	1	1
15:00	0	0	67	11	4	5	0	87	101	0	0	172	26	4	3	6	211	235.9	0	0	0	0	0	0	0	0	0
15:15	0	0	77	10	1	3	0	91	100.4	0	1	137	15	2	0	1	156	164.9	0	0	0	0	0	0	0	0	0
15:30	1	0	56	6	3	5	0	71	81.2	0	0	142	15	3	3	7	170	189.9	0	0	0	0	0	0	0	0	0
15:45	0	0	68	11	5	3	0	87	98.9	0	2	163	18	2	4	7	196	217	0	0	0	0	0	0	0	0	0
H/TOT	1	0	268	38	13	16	0	336	381.5	0	3	614	74	11	10	21	733	807.7	0	0	0	0	0	0	0	0	0
16:00	0	0	71	11	0	2	0	84	92.1	0	0	151	21	3	0	5	180	197	0	0	0	0	0	0	0	0	0
16:15	0	0	75	6	5	5	0	91	103	1	2	188	33	4	0	4	232	252.5	0	0	0	0	0	0	0	0	0
16:30	1	1	85	6	3	3	0	99	106	0	1	187	18	0	0	5	211	224.4	0	0	0	0	0	0	0	0	0
16:45	0	1	83	12	1	7	0	104	119	1	0	170	20	1	1	2	195	208	0	0	0	0	0	0	0	0	0
H/TOT	1	2	314	35	9	17	0	378	420.1	2	3	696	92	8	1	16	818	881.9	0	0	0	0	0	0	0	0	0
17:00	1	1	93	4	1	2	0	102	105.7	0	2	167	27	4	1	5	206	226.6	0	0	0	0	0	0	0	0	0
17:15	4	1	86	5	6	4	0	106	112.9	1	2	191	18	7	1	2	222	235.8	0	0	0	0	0	0	0	0	0
17:30	2	2	90	8	1	2	0	105	109.3	0	4	182	17	2	0	6	211	224.1	0	0	0	0	0	0	0	0	0
17:45	1	0	90	12	3	5	0	111	124.2	1	2	199	14	3	1	3	223	233.8	0	0	0	0	0	0	0	0	0
H/TOT	8	4	359	29	11	13	0	424	452.1	2	10	739	76	16	3	16	862	920.3	0	0	0	0	0	0	0	0	0
18:00	1	0	73	9	3	6	0	92	105	0	0	153	13	2	0	4	172	183.5	0	0	2	0	0	0	0	2	2
18:15	0	1	62	5	1	4	0	73	80.6	0	1	175	10	2	0	2	190	197.4	0	0	0	0	0	0	0	0	0
18:30	1	2	63	1	2	3	0	72	75.4	3	1	163	8	3	1	3	182	188.8	0	0	0	0	0	0	0	0	0
18:45	0	0	55	1	1	1	0	58	60.3	0	0	155	13	2	0	6	176	189.5	0	0	0	0	0	0	0	0	0
H/TOT	2	3	253	16	7	14	0	295	321.3	3	2	646	44	9	1	15	720	759.2	0	0	2	0	0	0	0	2	2
12 TOT	21	17	4053	440	125	264	4	4924	5527	16	41	8553	1043	210	80	168	10111	10972	0	0	6	0	0	0	0	6	6



IDASO

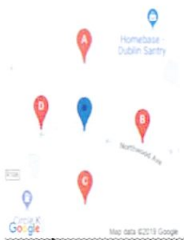
Survey Name: 029 19025 Northwood
Site: 3
Location: Northwood Ave
Date: 12-Feb-2019

TIME	A1	A2	B1	B2	C1	D1	D2	D3	TIME	A1	A2	B1	B2	C1	D1	D2	D3
07:00	0	10	40	60	5	50	30	10	**13:00**	0	15	40	40	5	60#	50	10
07:15	0	25	75	75	5	40	40	10	**13:15**	0	20	30	55	10	50	50	10
07:30	10	15	60	75	10	60#	60#	10	**13:30**	10	25	35	75	5	40	50	20
07:45	15	15	20	30	5	60#	60#	5	**13:45**	5	25	40	75	10	60#	60#	15
08:00	15	20	30	50	5	40	60#	5	**14:00**	10	30	40	60	10	60#	50	15
08:15	10	30	70	70	10	60#	60#	5	**14:15**	0	20	70	40	5	50	40	20
08:30	10	20	20	20	15	60#	60#	5	**14:30**	0	20	70	30	10	60#	60#	5
08:45	0	25	20	20	15	60#	60#	10	**14:45**	0	20	30	70	15	50	50	5
09:00	0	30	20	70	10	60#	60#	10	**15:00**	5	25	30	40	5	30	50	5
09:15	0	30	15	25	10	60#	60#	5	**15:15**	0	45	30	50	10	30	50	10
09:30	0	15	15	35	10	60#	60#	5	**15:30**	0	15	20	60	25	60#	50	5
09:45	5	20	20	40	10	60#	60#	5	**15:45**	0	25	60	95	10	40	50	10
10:00	5	20	15	30	5	50	60#	10	**16:00**	0	30	40	120#	25	30	40	5
10:15	0	35	10	40	5	50	40	5	**16:15**	10	15	25	120#	10	30	60#	5
10:30	0	15	30	55	15	25	35	0	**16:30**	5	15	30	70	5	40	30	10
10:45	0	10	25	45	5	50	40	5	**16:45**	5	10	40	120#	15	50	40	10
11:00	20	20	20	60	5	60#	60#	10	**17:00**	5	45	50	120#	5	40	50	10
11:15	0	35	30	70	15	60#	40	10	**17:15**	10	15	70	120#	15	60#	60#	10
11:30	10	15	20	40	10	40	35	10	**17:30**	0	25	40	120#	10	60#	60#	10
11:45	0	20	30	20	5	30	50	5	**17:45**	0	20	50	120#	15	40	60#	5
12:00	0	20	20	30	5	40	50	5	**18:00**	0	30	40	120#	10	30	60#	5
12:15	0	20	40	60	15	50	60#	5	**18:15**	0	20	30	70	5	10	30	5
12:30	5	25	30	50	10	50	40	10	**18:30**	0	15	30	60	5	50	40	5
12:45	0	15	25	40	10	60#	60#	5	**18:45**	0	25	20	35	10	20	40	5

Queue's are measured in meters

	Cannot be seen from camera
+	Signifies queue stretches to a minimum length of x and beyond the view of the camera
#	Signifies queue stretches to the next significant junction
*	Indicates an estimated queue length due to obscured vision.

Queue lengths are compiled from CCTV observations and are therefore subject to the limitations of the camera view.



IDASO

Survey Name: 029 19025 Northwood

Site: 3

Location: Northwood Ave

Date: 12-Feb-2019

TIME	A => A									A => B								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
07:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2.5
08:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
08:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3	4.3
08:30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	6	0	0	1	0	7	8.3
09:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
09:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	3.3
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4	5.8
10:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
10:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
10:30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	4.5
10:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	6	1	2	0	0	9	10.5
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4.5
11:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
11:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	1	4	0	0	6	8.5
12:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2.5
12:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
12:30	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4.5
12:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	10	1	1	0	0	12	13
13:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
13:15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3	4
13:30	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4.5
13:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	9	3	1	0	0	13	15
14:00	0	0	0	0	0	0	0	0	0	0	0	9	0	2	0	0	11	12
14:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
14:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	3
14:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	13	1	3	0	0	17	19
15:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
15:15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3	4
15:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
15:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	3.3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	7	1	1	1	0	10	12.3
16:00	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3.5
16:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
16:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
16:45	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	4	4.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	8	1	1	0	0	10	11
17:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
17:15	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7.5
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
H/TOT	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	12	12.5
18:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	4	5.3
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
18:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	4	2	0	1	0	7	9.3
12 TOT	0	0	0	0	0	0	0	0	0	0	0	78	14	13	4	0	109	127.7

TIME	A => C									A => D								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	4	0	3	2	0	9	13.1
07:15	0	0	0	0	0	0	0	0	0	1	0	1	0	2	3	0	7	11.1
07:30	0	0	0	0	0	0	0	0	0	0	0	2	0	3	6	0	11	20.3
07:45	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0	6	11.7
H/TOT	0	0	0	0	0	0	0	0	0	1	0	8	0	9	15	0	33	56.2
08:00	0	0	0	0	0	0	0	0	0	0	0	1	2	1	4	0	8	14.7
08:15	0	0	0	0	0	0	0	0	0	0	0	2	1	4	5	0	12	21
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	10	18.2
08:45	0	0	1	0	0	0	0	1	1	0	0	2	0	4	4	0	10	17.2
H/TOT	0	0	1	0	0	0	0	1	1	0	0	5	3	15	17	0	40	71.1
09:00	0	0	0	1	0	0	0	1	1.5	0	0	2	0	4	5	0	11	19.5
09:15	0	0	0	0	0	0	0	0	0	0	0	2	1	5	2	0	10	15.6
09:30	1	0	0	0	0	0	0	1	0.2	0	0	3	2	4	3	0	12	18.9
09:45	0	0	0	0	0	0	0	0	0	0	0	4	1	7	3	0	15	22.9
H/TOT	1	0	0	1	0	0	0	2	1.7	0	0	11	4	20	13	0	48	76.9
10:00	0	0	0	0	0	0	0	0	0	0	0	2	1	2	8	0	13	24.9
10:15	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	0	10	19.3
10:30	0	0	0	0	0	0	0	0	0	0	0	1	1	5	1	0	8	12.3
10:45	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	0	5	6.8
H/TOT	0	0	0	0	0	0	0	0	0	0	0	7	3	10	16	0	36	63.3
11:00	0	0	0	0	0	0	0	0	0	1	0	3	1	3	2	0	10	13.8
11:15	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0	8	12.6
11:30	1	0	0	0	0	0	0	1	0.2	2	0	3	0	2	2	0	9	11
11:45	0	0	0	0	0	0	0	0	0	0	0	3	2	3	5	0	13	22
H/TOT	1	0	0	0	0	0	0	1	0.2	3	0	11	5	10	11	0	40	59.4
12:00	0	0	0	0	0	0	0	0	0	0	0	5	2	2	2	0	11	15.6
12:15	0	0	0	0	0	0	0	0	0	1	0	5	0	2	3	0	11	15.1
12:30	0	0	0	0	0	0	0	0	0	0	0	5	2	5	1	0	13	17.8
12:45	0	0	0	0	0	0	0	0	0	2	0	8	0	1	3	0	14	16.8
H/TOT	0	0	0	0	0	0	0	0	0	3	0	23	4	10	9	0	49	65.3
13:00	0	0	0	0	1	0	0	1	1.5	0	0	6	1	3	2	0	12	16.6
13:15	0	0	0	0	0	0	0	0	0	1	0	6	1	4	4	0	16	22.9
13:30	0	0	0	0	0	0	0	0	0	2	0	7	1	2	5	0	17	23.4
13:45	0	0	0	0	0	0	0	0	0	0	0	10	1	0	1	0	12	13.8
H/TOT	0	0	0	0	1	0	0	1	1.5	3	0	29	4	9	12	0	57	76.7
14:00	1	0	0	0	0	0	0	1	0.2	0	0	16	1	1	3	0	21	25.9
14:15	0	0	0	0	0	0	0	0	0	0	0	5	0	3	4	0	12	18.7
14:30	0	0	0	0	0	0	0	0	0	0	0	9	2	2	5	0	18	26.5
14:45	0	0	0	0	0	0	0	0	0	0	0	3	2	2	4	0	11	18.2
H/TOT	1	0	0	0	0	0	0	1	0.2	0	0	33	5	8	16	0	62	89.3
15:00	0	0	0	0	0	0	0	0	0	2	0	5	2	3	2	0	14	17.5
15:15	0	0	0	0	0	0	0	0	0	2	0	9	2	0	5	0	18	23.9
15:30	0	0	0	0	0	0	0	0	0	0	0	5	2	0	3	0	10	14.9
15:45	0	0	0	0	0	0	0	0	0	0	0	3	5	1	1	0	10	14.3
H/TOT	0	0	0	0	0	0	0	0	0	4	0	22	11	4	11	0	52	70.6
16:00	0	0	0	0	0	0	0	0	0	2	0	9	7	2	1	0	21	25.2
16:15	0	0	0	0	0	0	0	0	0	0	0	7	1	1	3	0	12	16.9
16:30	0	0	0	0	0	0	0	0	0	0	0	8	0	0	2	0	10	12.6
16:45	0	0	0	0	0	0	0	0	0	0	0	4	0	0	3	0	7	10.9
H/TOT	0	0	0	0	0	0	0	0	0	2	0	28	8	3	9	0	50	65.6
17:00	0	0	0	0	0	0	0	0	0	0	0	2	1	1	6	0	10	18.8
17:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	0	7	13.5
17:30	0	0	0	0	0	0	0	0	0	0	0	4	1	1	3	0	9	13.9
17:45	0	0	0	0	0	0	0	0	0	1	0	1	1	1	5	0	9	15.7
H/TOT	0	0	0	0	0	0	0	0	0	1	0	9	3	3	19	0	35	61.9
18:00	0	0	0	0	0	0	0	0	0	0	0	4	1	2	5	0	12	20
18:15	0	0	0	0	0	0	0	0	0	0	0	6	1	2	1	0	10	12.8
18:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	6	11.2
18:45	0	0	0	0	0	0	0	0	0	1	0	9	1	0	3	0	14	17.6
H/TOT	0	0	0	0	0	0	0	0	0	1	0	21	3	4	13	0	42	61.6
12 TOT	3	0	1	1	1	0	0	6	4.6	18	0	207	53	105	161	0	544	817.9

TIME	B => A									B => B								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	1	1	0	0	0	2	2.5	0	0	0	0	0	0	0	0	0
07:30	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1.5
07:45	0	0	4	1	0	0	0	5	5.5	0	0	0	0	0	0	0	0	0
H/TOT	0	0	6	2	0	0	0	8	9	0	0	0	1	0	0	0	1	1.5
08:00	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
08:30	0	0	0	2	1	0	0	3	4.5	0	0	0	1	0	0	0	1	1.5
08:45	0	0	3	2	0	0	0	5	6	0	0	0	0	0	0	0	0	0
H/TOT	0	0	5	4	1	0	0	10	12.5	0	0	0	2	0	0	0	2	3
09:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
09:15	0	0	2	0	0	0	0	2	2	0	0	0	1	0	0	0	1	1.5
09:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.5
09:45	0	0	2	0	0	0	0	2	2	0	0	0	1	0	0	0	1	1.5
H/TOT	0	0	4	0	0	0	0	4	4	0	0	0	4	0	0	0	4	6
10:00	0	0	2	1	0	0	0	3	3.5	0	0	0	0	0	0	0	0	0
10:15	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	1	0	0	1	1.5	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	3	1	1	0	0	5	6	0	0	0	0	0	0	0	0	0
11:00	0	0	1	1	0	0	0	2	2.5	0	0	1	1	0	0	0	2	2.5
11:15	0	0	2	0	0	0	0	2	2	0	0	0	1	0	0	0	1	1.5
11:30	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
11:45	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1.5
H/TOT	0	0	6	1	0	0	0	7	7.5	0	0	1	3	0	0	0	4	5.5
12:00	0	0	2	1	0	0	0	3	3.5	0	0	0	0	0	0	0	0	0
12:15	0	0	2	0	0	0	0	2	2	0	0	0	1	0	0	0	1	1.5
12:30	0	0	2	0	0	0	0	2	2	0	0	0	1	0	0	0	1	1.5
12:45	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
H/TOT	0	0	8	1	0	0	0	9	9.5	0	0	0	2	0	0	0	2	3
13:00	0	0	2	1	2	0	0	5	6.5	0	0	0	1	0	0	0	1	1.5
13:15	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
13:30	0	1	2	2	0	0	0	5	5.4	0	0	0	0	0	0	0	0	0
13:45	0	0	1	0	3	1	0	5	7.8	0	0	0	0	0	0	0	0	0
H/TOT	0	1	8	3	5	1	0	18	22.7	0	0	0	1	0	0	0	1	1.5
14:00	0	0	2	0	1	0	0	3	3.5	0	0	0	1	0	0	0	1	1.5
14:15	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
14:30	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1.5
14:45	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1.5
H/TOT	0	0	5	0	1	0	0	6	6.5	0	0	0	3	0	0	0	3	4.5
15:00	0	0	1	0	1	0	0	2	2.5	0	0	1	0	0	0	0	1	1
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1
15:45	0	0	0	1	0	0	0	1	1.5	0	0	0	0	0	0	0	0	0
H/TOT	0	0	2	1	1	0	0	4	5	0	0	2	0	0	0	0	2	2
16:00	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16:15	0	0	2	0	1	0	0	3	3.5	0	0	0	0	0	0	0	0	0
16:30	0	0	0	1	0	0	0	1	1.5	0	0	0	0	0	0	0	0	0
16:45	0	0	1	1	0	0	0	2	2.5	0	0	0	0	0	0	0	0	0
H/TOT	0	0	4	2	1	0	0	7	8.5	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	1	1	0	0	0	2	2.5	0	0	0	0	0	0	0	0	0
17:30	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
17:45	0	0	1	0	1	0	0	2	2.5	0	0	0	0	0	0	0	0	0
H/TOT	0	0	4	1	1	0	0	6	7	0	0	0	0	0	0	0	0	0
18:00	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	2	1	0	0	0	3	3.5	0	0	1	0	0	0	0	1	1
H/TOT	0	0	3	1	0	0	0	4	4.5	0	0	1	0	0	0	0	1	1
12 TOT	0	1	58	17	11	1	0	88	102.7	0	0	4	16	0	0	0	20	28

TIME	B => C									B => D								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	2	0	0	0	2	3	1	0	41	11	0	0	0	53	57.7
07:15	2	0	0	0	0	0	0	2	0.4	1	0	46	7	0	1	0	55	59
07:30	0	0	1	0	0	0	0	1	1	0	0	57	15	5	4	0	81	96.2
07:45	1	0	1	0	0	0	0	2	1.2	1	2	67	8	0	0	1	79	82
H/TOT	3	0	2	2	0	0	0	7	5.6	3	2	211	41	5	5	1	268	294.9
08:00	0	0	3	0	0	0	0	3	3	2	1	78	13	1	0	0	95	99.8
08:15	1	0	1	0	0	0	0	2	1.2	2	0	66	10	0	0	0	78	81.4
08:30	2	0	0	0	0	0	0	2	0.4	0	2	70	6	1	0	0	79	81.3
08:45	0	0	2	0	0	0	0	2	2	1	0	68	5	0	0	0	74	75.7
H/TOT	3	0	6	0	0	0	0	9	6.6	5	3	282	34	2	0	0	326	338.2
09:00	0	0	3	1	0	0	0	4	4.5	0	0	63	19	2	0	0	84	94.5
09:15	0	0	1	1	1	0	0	3	4	1	0	62	10	2	0	1	76	82.2
09:30	1	0	1	1	0	0	0	3	2.7	1	1	76	8	0	1	0	87	90.9
09:45	0	0	0	0	0	0	0	0	0	0	1	54	12	0	3	0	70	79.3
H/TOT	1	0	5	3	1	0	0	10	11.2	2	2	255	49	4	4	1	317	346.9
10:00	1	0	2	1	0	0	0	4	3.7	1	0	60	6	1	0	0	68	70.7
10:15	0	0	2	0	0	0	0	2	2	0	0	68	9	2	0	0	79	84.5
10:30	0	0	2	1	0	0	0	3	3.5	1	0	61	5	2	1	0	70	74
10:45	0	0	2	1	0	0	0	3	3.5	0	0	72	14	0	0	0	86	93
H/TOT	1	0	8	3	0	0	0	12	12.7	2	0	261	34	5	1	0	303	322.2
11:00	0	0	0	1	0	0	0	1	1.5	0	0	76	7	1	0	0	84	88
11:15	0	0	1	1	1	0	0	3	4	0	0	71	12	3	2	0	88	98.1
11:30	0	0	1	1	0	0	0	2	2.5	3	0	58	9	0	0	0	70	72.1
11:45	0	0	3	1	0	0	0	4	4.5	0	0	66	11	0	0	0	77	82.5
H/TOT	0	0	5	4	1	0	0	10	12.5	3	0	271	39	4	2	0	319	340.7
12:00	0	0	0	0	0	0	0	0	0	0	0	72	7	3	0	0	82	87
12:15	0	0	1	1	0	0	0	2	2.5	1	0	82	9	2	1	0	95	101
12:30	0	0	2	0	0	0	0	2	2	1	0	83	9	1	0	0	94	98.2
12:45	0	0	4	0	0	0	0	4	4	1	1	90	8	1	0	0	101	104.1
H/TOT	0	0	7	1	0	0	0	8	8.5	3	1	327	33	7	1	0	372	390.3
13:00	1	0	1	1	0	0	0	3	2.7	0	0	118	9	1	0	1	129	135
13:15	0	0	1	0	0	0	0	1	1	0	0	113	5	2	2	0	122	128.1
13:30	0	0	2	1	0	0	0	3	3.5	0	1	106	11	1	0	1	120	126.4
13:45	0	0	2	0	0	0	0	2	2	0	1	108	12	2	1	0	124	131.7
H/TOT	1	0	6	2	0	0	0	9	9.2	0	2	445	37	6	3	2	495	521.2
14:00	0	0	2	1	0	0	0	3	3.5	0	0	92	10	2	0	0	104	110
14:15	1	0	2	0	0	0	0	3	2.2	0	0	83	14	0	0	0	97	104
14:30	1	0	4	0	0	0	0	5	4.2	1	0	99	12	1	0	0	113	118.7
14:45	0	0	2	0	0	0	0	2	2	0	0	101	14	3	0	0	118	126.5
H/TOT	2	0	10	1	0	0	0	13	11.9	1	0	375	50	6	0	0	432	459.2
15:00	0	0	2	0	0	0	0	2	2	1	0	109	7	2	1	0	120	125
15:15	0	0	0	2	0	0	0	2	3	0	0	110	7	2	1	0	120	125.8
15:30	0	0	1	1	1	0	0	3	4	1	0	100	14	1	0	0	116	122.7
15:45	1	0	4	0	1	0	0	6	5.7	3	0	98	13	0	1	0	115	120.4
H/TOT	1	0	7	3	2	0	0	13	14.7	5	0	417	41	5	3	0	471	493.9
16:00	1	0	2	0	0	0	0	3	2.2	1	0	114	20	1	0	0	136	145.7
16:15	0	0	4	0	0	0	0	4	4	1	0	116	13	0	0	0	130	135.7
16:30	1	0	4	0	1	0	0	6	5.7	0	0	122	9	2	0	0	133	138.5
16:45	0	0	2	1	0	0	0	3	3.5	0	1	127	10	1	0	0	139	143.9
H/TOT	2	0	12	1	1	0	0	16	15.4	2	1	479	52	4	0	0	538	563.8
17:00	1	0	2	1	0	0	0	4	3.7	2	1	152	12	1	0	0	168	172.3
17:15	2	0	3	1	0	0	0	6	4.9	2	1	145	12	1	1	0	162	167.6
17:30	1	0	1	0	0	0	0	2	1.2	1	0	159	6	1	0	0	167	169.7
17:45	1	0	4	0	0	0	0	5	4.2	2	2	126	10	0	0	0	140	142.2
H/TOT	5	0	10	2	0	0	0	17	14	7	4	582	40	3	1	0	637	651.8
18:00	0	0	4	0	0	0	0	4	4	2	0	147	3	0	0	0	152	151.9
18:15	1	0	2	0	0	0	0	3	2.2	7	1	124	10	0	0	0	142	140.8
18:30	0	0	3	0	0	0	0	3	3	2	1	95	8	0	0	0	106	107.8
18:45	0	0	3	1	0	0	0	4	4.5	0	1	86	2	0	0	0	89	89.4
H/TOT	1	0	12	1	0	0	0	14	13.7	11	3	452	23	0	0	0	489	489.9
12 TOT	20	0	90	23	5	0	0	138	136	44	18	4357	473	51	20	4	4967	5213

TIME	C => A									C => B							
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
H/TOT	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	5
08:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
08:15	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8
08:30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
08:45	0	0	0	0	0	0	0	0	0	2	0	3	0	1	0	0	6
H/TOT	0	0	0	0	0	0	0	0	0	3	0	15	0	1	0	0	19
09:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
09:15	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	4
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	2	0	4	0	1	0	0	7
10:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
10:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
10:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
10:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	5
11:00	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
11:30	0	0	0	1	0	0	0	1	1.5	0	0	0	0	0	0	0	0
11:45	2	0	0	0	0	0	0	2	0.4	0	0	1	0	0	0	0	1
H/TOT	3	0	0	1	0	0	0	4	2.1	0	0	3	0	0	0	0	3
12:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
12:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
12:30	0	0	0	0	0	1	0	1	2.3	1	0	0	0	0	0	0	1
12:45	1	0	0	0	0	0	0	1	0.2	1	0	4	0	0	0	0	5
H/TOT	1	0	0	0	0	1	0	2	2.5	2	0	8	0	0	0	0	10
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	2	0	0	0	0	0	0	2	0.4	0	0	1	0	1	0	0	2
13:30	1	0	0	0	0	0	0	1	0.2	0	0	2	0	0	0	0	2
13:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
H/TOT	3	0	0	0	0	0	0	3	0.6	0	0	5	0	1	0	0	6
14:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
14:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
15:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
15:15	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
15:30	1	0	0	0	0	0	0	1	0.2	1	0	2	0	1	0	0	4
15:45	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3
H/TOT	1	0	0	0	0	0	0	1	0.2	3	0	7	0	2	0	0	12
16:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
16:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
16:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	4
H/TOT	0	0	0	0	0	0	0	0	0	1	0	8	0	0	0	0	9
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1
17:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
H/TOT	0	0	2	0	0	0	0	2	2	0	0	3	0	0	0	0	3
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
18:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	4
12 TOT	8	0	2	1	0	1	0	12	7.4	14	0	70	0	5	0	0	89

	C => C								C => D								D => A								D => B								D => C								D => D							
	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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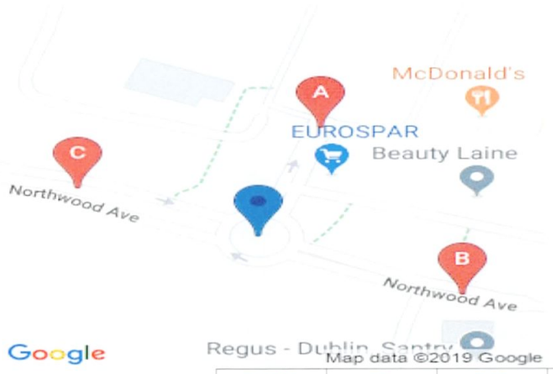
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



IDASO

Survey Name: 029 19025 Northwood
Site: 4
Location: Northwood Ave
Date: 12-Feb-2019

TIME	A1	B1	B2	C1	C2
07:00	5	10	0	5	0
07:15	10	5	5	20	15
07:30	5	15	10	15	25
07:45	10	10	0	10	15
08:00	10	10	10	5	25
08:15	10	5	5	15	75
08:30	20	5	10	35	95
08:45	25	5	10	30	80
09:00	15	10	10	25	70
09:15	20	10	5	35	50
09:30	15	10	10	20	15
09:45	10	10	10	25	30
10:00	15	5	5	15	20
10:15	15	5	15	10	20
10:30	10	10	10	15	20
10:45	15	10	10	10	20
11:00	30	10	10	10	15
11:15	20	5	10	5	10
11:30	20	15	5	10	15
11:45	15	10	15	15	10
12:00	20	10	5	15	20
12:15	15	10	10	20	30
12:30	15	15	10	15	10
12:45	20	15	15	20	25

TIME	A1	B1	B2	C1	C2
13:00	45	10	15	50	85
13:15	45	15	10	30	75
13:30	20	15	15	20	45
13:45	30	10	15	20	30
14:00	35	15	5	10	20
14:15	25	10	5	15	20
14:30	10	10	15	15	15
14:45	20	10	15	25	10
15:00	20	15	15	20	10
15:15	20	15	15	15	10
15:30	25	20	10	10	15
15:45	25	15	10	30	20
16:00	30	10	15	15	40
16:15	15	15	15	20	15
16:30	30	10	15	10	10
16:45	30	35	30	15	40
17:00	45	40	70	20	30
17:15	45	20	65	10	15
17:30	45	45	85	20	20
17:45	30	50	30	10	15
18:00	15	20	15	15	15
18:15	20	20	10	10	15
18:30	20	10	10	15	25
18:45	15	15	10	10	15

Queue's are measured in meters

	Cannot be seen from camera
+	Signifies queue stretches to a minimum length of x and beyond the view of the camera
#	Signifies queue stretches to the next significant junction
*	Indicates an estimated queue length due to obscured vision.

Queue lengths are compiled from CCTV observations and are therefore subject to the limitations of the camera view.

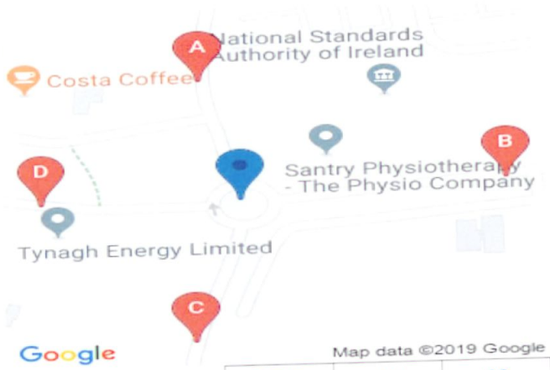
IDASO

Survey Name: 029 19025 Northwood
Site: 4
Location: Northwood Ave
Date: 12-Feb-2019

TIME	A => A									A => B									A => C								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	5	6	0	0	6	6	0	0	0	12	15
07:15	0	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	9	10	0	0	13	5	0	0	0	18	20.5
07:30	0	0	0	0	0	0	0	0	0	0	0	7	0	1	0	0	8	8.5	0	0	13	4	1	0	0	18	20.5
07:45	0	0	0	0	0	0	0	0	0	0	0	15	2	0	0	0	17	18	1	0	12	4	0	0	1	18	20.2
H/TOT	0	0	0	0	0	0	0	0	0	0	0	32	5	2	0	0	39	42.5	1	0	44	19	1	0	1	66	76.2
08:00	0	0	1	0	0	0	0	1	1	0	1	9	2	1	0	0	13	13.9	0	0	10	3	1	0	0	14	16
08:15	0	0	0	0	0	0	0	0	0	0	0	13	1	1	0	0	15	16	0	0	14	3	0	0	0	17	18.5
08:30	0	0	0	0	0	0	0	0	0	0	0	30	3	0	0	0	33	34.5	0	0	15	2	0	0	0	17	18
08:45	0	0	0	0	0	0	0	0	0	0	0	20	5	0	0	0	25	27.5	0	0	20	3	0	0	0	23	24.5
H/TOT	0	0	1	0	0	0	0	1	1	0	1	72	11	2	0	0	86	91.9	0	0	59	11	1	0	0	71	77
09:00	0	0	0	0	0	0	0	0	0	0	1	14	1	0	0	0	16	15.9	0	0	21	3	0	0	0	24	25.5
09:15	0	0	0	0	0	0	0	0	0	0	0	25	5	0	0	0	30	32.5	0	0	30	3	0	0	1	34	36.5
09:30	0	0	0	0	0	0	0	0	0	0	0	19	3	0	0	0	22	23.5	0	0	29	2	0	0	0	31	32
09:45	0	0	0	0	0	0	0	0	0	0	0	23	4	1	0	0	28	30.5	0	0	25	4	0	1	0	30	33.3
H/TOT	0	0	0	0	0	0	0	0	0	0	1	81	13	1	0	0	96	102.4	0	0	105	12	0	1	1	119	127.3
10:00	0	0	1	0	0	0	0	1	1	0	0	21	4	0	0	0	25	27	1	0	24	5	0	0	0	30	31.7
10:15	0	0	0	0	0	0	0	0	0	0	0	15	4	0	0	0	19	21	0	0	33	6	1	0	0	40	43.5
10:30	0	0	1	0	0	0	0	1	1	0	0	21	2	1	1	0	25	27.8	0	0	28	2	0	0	0	30	31
10:45	0	0	1	0	0	0	0	1	1	0	0	15	3	0	0	0	18	19.5	0	0	32	1	0	0	0	33	33.5
H/TOT	0	0	3	0	0	0	0	3	3	0	0	72	13	1	1	0	87	95.3	1	0	117	14	1	0	0	133	139.7
11:00	0	0	0	0	0	0	0	0	0	0	0	30	1	0	0	0	31	31.5	0	0	36	2	1	0	1	40	42.5
11:15	0	0	0	0	0	0	0	0	0	0	0	30	5	0	0	0	35	37.5	0	0	35	3	1	0	0	39	41
11:30	0	0	0	0	0	0	0	0	0	0	0	26	2	0	0	0	28	29	0	0	28	6	0	0	0	34	37
11:45	0	0	0	0	0	0	0	0	0	0	0	27	1	0	0	0	28	28.5	0	0	31	4	0	0	0	35	37
H/TOT	0	0	0	0	0	0	0	0	0	0	0	113	9	0	0	0	122	126.5	0	0	130	15	2	0	1	148	157.5
12:00	0	0	1	0	0	0	0	1	1	0	0	30	0	0	1	0	31	32.3	0	0	27	6	0	0	0	33	36
12:15	0	0	0	0	0	0	0	0	0	0	0	24	4	1	0	0	29	31.5	0	0	33	5	1	0	0	39	42
12:30	0	0	1	0	0	0	0	1	1	0	0	18	1	0	0	0	19	19.5	0	0	32	4	0	0	0	36	38
12:45	0	0	0	0	0	0	0	0	0	0	0	31	2	0	0	0	33	34	0	0	51	4	2	0	0	57	60
H/TOT	0	0	2	0	0	0	0	2	2	0	0	103	7	1	1	0	112	117.3	0	0	143	19	3	0	0	165	176
13:00	0	0	2	0	0	0	0	2	2	0	0	32	5	0	0	0	37	39.5	0	0	41	3	1	0	0	45	47
13:15	0	0	1	0	0	0	0	1	1	0	0	42	5	0	0	0	47	49.5	0	0	55	2	0	0	0	57	58
13:30	0	0	0	0	0	0	0	0	0	0	0	46	7	0	1	0	54	58.8	0	1	57	9	1	0	0	68	72.4
13:45	0	0	1	0	0	0	0	1	1	0	0	44	1	1	0	0	46	47	0	1	49	5	0	0	0	55	56.9
H/TOT	0	0	4	0	0	0	0	4	4	0	0	164	18	1	1	0	184	194.8	0	2	202	19	2	0	0	225	234.3
14:00	0	0	0	0	0	0	0	0	0	0	0	30	3	0	0	0	33	34.5	0	0	47	5	0	0	0	52	54.5
14:15	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	34	34	0	0	41	5	0	0	0	46	48.5
14:30	0	0	0	0	0	0	0	0	0	0	0	29	4	0	0	0	33	35	0	0	42	3	2	0	0	47	49.5
14:45	0	0	0	0	0	0	0	0	0	0	0	28	3	0	0	0	31	32.5	0	0	59	2	1	0	0	62	63.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	121	10	0	0	0	131	136	0	0	189	15	3	0	0	207	216
15:00	0	0	1	0	0	0	0	1	1	0	1	33	2	0	0	0	36	36.4	0	0	48	1	1	0	0	50	51
15:15	0	0	0	0	0	0	0	0	0	1	0	27	1	1	0	0	30	30.2	0	0	57	4	0	0	0	61	63
15:30	0	0	0	0	0	0	0	0	0	0	0	24	3	0	0	0	27	28.5	0	0	45	7	1	0	0	53	57
15:45	0	0	1	0	0	0	0	1	1	0	0	30	3	0	0	0	33	34.5	0	0	45	3	0	0	0	48	49.5
H/TOT	0	0	2	0	0	0	0	2	2	1	1	114	9	1	0	0	126	129.6	0	0	195	15	2	0	0	212	220.5
16:00	0	0	3	0	0	0	0	3	3	0	0	32	1	0	0	0	33	33.5	0	0	56	5	1	0	0	62	65
16:15	0	0	0	0	0	0	0	0	0	0	0	34	2	0	0	0	36	37	0	0	49	3	0	0	0	52	53.5
16:30	0	0	0	0	0	0	0	0	0	0	0	39	5	0	0	0	44	46.5	0	0	35	5	1	0	0	41	44
16:45	0	0	0	0	0	0	0	0	0	0	0	35	1	0	0	0	36	36.5	0	0	47	3	1	0	0	51	53
H/TOT	0	0	3	0	0	0	0	3	3	0	0	140	9	0	0	0	149	153.5	0	0	187	16	3	0	0	206	215.5
17:00	0	0	0	0	0	0	0	0	0	0	0	43	1	0	0	0	44	44.5	0	0	45	9	0	0	0	54	58.5
17:15	0	0	0	0	0	0	0	0	0	0	0	31	2	0	0	0	33	34	1	1	39	3	1	0	0	45	45.6
17:30	0	0	0	0	0	0	0	0	0	0	0	33	1	0	0	0	34	34.5	1	0	38	2	0	0	0	41	41.2
17:45	0	0	0	0	0	0	0	0	0	0	0	39	2	0	0	0	41	42	0	1	37	3	0	0	0	41	41.9
H/TOT	0	0	0	0	0	0	0	0	0	0	0	146	6	0	0	0	152	155	2	2	159	17	1	0	0	181	187.2
18:00	0	0	1	0	0	0	0	1	1	0	1	35	4	0	0	0	40	41.4	0	0	37	1	0	0	0	38	38.5
18:15	0	0	0	0	0	0	0	0	0	0	1	26	1	0	0	0	28	27.9	1	0	41	3	0	0	0	45	45.7
18:30	0	0	0	0	0	0	0	0	0	0	0	33	2	0	0	0	35	36	0	0	33	3	0	0	0	36	37.5
18:45	0	0	0	0	0	0	0	0	0	0	0	16	3	0	0	0	19	20.5	0	0	36	5	0	0	0	41	43.5
H/TOT	0	0	1	0	0	0	0	1	1	0	2	110	10	0	0	0	122	125.8	1	0	147	12	0	0	0	160	165.2
12 TOT	0	0	16	0	0	0	0	16	16	1	5	1268	120	9	3	0	1406	1471	5	4	1677	184	19	1	3	1893	1992

TIME	B => A									B => B									B => C								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	7	1	0	0	0	8	8.5	0	0	0	0	0	0	0	0	0	1	0	33	6	0	0	0	40	42.2
07:15	0	0	12	3	1	0	0	16	18	0	0	1	1	0	0	0	2	2.5	3	0	32	5	1	1	0	42	43.9
07:30	0	0	15	1	0	0	0	16	16.5	0	0	0	0	0	0	0	0	0	0	0	49	10	3	4	0	66	77.7
07:45	0	0	15	0	1	0	0	16	16.5	0	0	0	0	0	0	0	0	0	0	0	60	6	0	0	0	66	69
H/TOT	0	0	49	5	2	0	0	56	59.5	0	0	1	1	0	0	0	2	2.5	4	0	174	27	4	5	0	214	232.8
08:00	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0	2	1	69	9	0	0	0	81	83.3
08:15	0	0	12	0	0	1	0	13	14.3	0	0	0	0	0	0	0	0	0	3	0	53	8	0	0	0	64	65.6
08:30	0	0	22	1	0	0	0	23	23.5	0	0	2	0	0	0	0	2	2	1	2	62	7	1	0	0	73	75
08:45	0	0	24	2	0	0	0	26	27	0	0	1	0	0	0	0	1	1	1	0	42	4	0	0	0	47	48.2
H/TOT	0	0	71	3	0	1	0	75	77.8	0	0	3	0	0	0	0	3	3	7	3	226	28	1	0	0	265	272.1
09:00	0	0	25	3	0	0	0	28	29.5	0	0	0	0	0	0	0	0	0	0	0	53	18	2	0	0	73	83
09:15	0	0	23	3	0	0	0	26	27.5	0	0	0	0	0	0	0	0	0	0	0	39	9	3	0	0	51	57
09:30	0	0	21	2	0	0	0	23	24	0	0	0	0	0	0	0	0	0	1	1	42	8	0	1	0	53	56.9
09:45	0	0	33	3	0	0	0	36	37.5	0	0	1	0	0	0	0	1	1	0	1	34	9	0	2	0	46	52.5
H/TOT	0	0	102	11	0	0	0	113	118.5	0	0	1	0	0	0	0	1	1	1	2	168	44	5	3	0	223	249.4
10:00	0	0	14	9	1	0	0	24	29	0	0	0	0	0	0	0	0	0	0	0	37	3	1	0	0	41	43
10:15	0	0	27	0	0	0	0	27	27	0	0	1	0	0	0	0	1	1	0	0	41	3	2	0	0	46	48.5
10:30	0	0	19	1	0	1	0	21	22.8	0	0	0	0	0	0	0	0	0	0	0	35	5	2	1	0	43	47.8
10:45	0	0	23	2	0	0	0	25	26	0	0	2	1	0	0	0	3	3.5	0	0	43	11	0	0	0	54	59.5
H/TOT	0	0	83	12	1	1	0	97	104.8	0	0	3	1	0	0	0	4	4.5	0	0	156	22	5	1	0	184	198.8
11:00	0	0	27	3	0	0	0	30	31.5	0	0	0	0	0	0	0	0	0	0	0	43	9	0	0	0	52	56.5
11:15	0	0	28	3	0	0	0	31	32.5	0	0	0	0	0	0	0	0	0	0	0	37	8	3	2	0	50	58.1
11:30	0	0	26	4	0	0	0	30	32	0	0	0	0	0	0	0	0	0	3	0	34	4	0	0	0	41	40.6
11:45	0	0	32	2	0	0	0	34	35	0	0	1	0	0	0	0	1	1	0	0	37	10	0	0	0	47	52
H/TOT	0	0	113	12	0	0	0	125	131	0	0	1	0	0	0	0	1	1	3	0	151	31	3	2	0	190	207.2
12:00	0	0	27	3	0	0	0	30	31.5	0	0	0	0	0	0	0	0	0	0	0	46	3	2	0	0	51	53.5
12:15	0	0	22	1	1	0	0	24	25	0	0	0	0	1	0	0	1	1.5	1	0	50	5	2	1	0	59	63
12:30	0	0	36	3	0	0	0	39	40.5	0	0	0	0	0	0	0	0	0	1	0	59	5	0	0	0	65	66.7
12:45	0	0	35	4	0	0	0	39	41	0	0	3	0	0	0	0	3	3	1	1	52	8	0	0	0	62	64.6
H/TOT	0	0	120	11	1	0	0	132	138	0	0	3	0	1	0	0	4	4.5	3	1	207	21	4	1	0	237	247.8
13:00	0	0	48	8	0	0	0	56	60	0	0	1	0	0	0	0	1	1	0	0	77	9	2	0	1	89	95.5
13:15	0	0	33	2	0	0	0	35	36	0	0	1	0	0	0	0	1	1	0	0	60	3	1	2	0	66	70.6
13:30	0	0	45	2	0	0	0	47	48	0	0	0	0	0	0	0	0	0	0	1	58	6	1	1	0	67	71.2
13:45	0	0	35	0	0	0	0	35	35	0	0	2	0	0	0	0	2	2	0	0	53	4	3	1	0	61	65.8
H/TOT	0	0	161	12	0	0	0	173	179	0	0	4	0	0	0	0	4	4	0	1	248	22	7	4	1	283	303.1
14:00	0	0	28	1	0	0	0	29	29.5	0	0	0	0	0	0	0	0	0	0	0	52	8	3	0	0	63	68.5
14:15	0	0	30	3	1	0	0	34	36	0	0	0	0	0	0	0	0	0	0	0	49	7	0	0	0	56	59.5
14:30	0	0	22	1	0	0	0	23	23.5	0	0	0	0	0	0	0	0	0	1	0	56	9	0	0	0	66	69.7
14:45	0	0	29	3	0	0	0	32	33.5	0	0	0	0	0	0	0	0	0	0	0	44	13	1	0	0	58	65
H/TOT	0	0	109	8	1	0	0	118	122.5	0	0	0	0	0	0	0	0	0	1	0	201	37	4	0	0	243	262.7
15:00	0	0	24	0	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0	64	5	2	1	0	72	76.8
15:15	0	0	33	0	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	50	4	2	1	0	57	61.3
15:30	0	0	18	2	0	0	0	20	21	0	0	0	0	0	0	0	0	0	1	0	64	8	0	0	0	73	76.2
15:45	1	0	26	0	0	0	0	27	26.2	0	0	0	0	0	0	0	0	0	1	0	53	12	0	1	0	67	73.5
H/TOT	1	0	101	2	0	0	0	104	104.2	0	0	0	0	0	0	0	0	0	2	0	231	29	4	3	0	269	287.8
16:00	1	0	25	1	0	1	0	28	29	0	0	0	0	0	0	0	0	0	0	0	78	13	0	0	0	91	97.5
16:15	1	0	26	5	0	0	0	32	33.7	0	0	2	0	0	0	0	2	2	1	0	54	10	1	0	0	66	70.7
16:30	0	0	29	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0	0	100	4	2	0	0	106	109
16:45	0	0	23	3	0	0	0	26	27.5	0	0	0	0	0	0	0	0	0	0	1	92	9	0	0	0	102	105.9
H/TOT	2	0	103	9	0	1	0	115	119.2	0	0	2	0	0	0	0	2	2	1	1	324	36	3	0	0	365	383.1
17:00	0	0	15	1	0	0	0	16	16.5	0	0	0	0	0	0	0	0	0	2	1	111	7	1	0	0	122	123.8
17:15	0	0	18	2	0	0	0	20	21	0	0	0	0	0	0	0	0	0	0	0	105	7	1	1	0	114	119.3
17:30	0	1	14	0	0	0	0	15	14.4	0	0	1	0	0	0	0	1	1	0	0	129	4	1	0	0	134	136.5
17:45	0	1	23	0	0	0	0	24	23.4	0	0	1	0	0	0	0	1	1	0	1	93	7	1	0	0	102	105.4
H/TOT	0	2	70	3	0	0	0	75	75.3	0	0	2	0	0	0	0	2	2	2	2	438	25	4	1	0	472	485
18:00	0	1	13	1	0	0	0	15	14.9	0	0	1	0	0	0	0	1	1	2	0	99	3	0	0	0	104	103.9
18:15	0	0	28	2	0	0	0	30	31	0	0	0	0	0	0	0	0	0	4	1	82	5	0	0	0	92	90.7
18:30	0	0	16	3	0	0	0	19	20.5	0	0	1	0	0	0	0	1	1	1	1	68	4	0	0	0	74	74.6
18:45	0	0	14	1	0	0	0	15	15.5	0	0	0	0	0	0	0	0	0	1	1	58	0	0	0	0	60	58.6
H/TOT	0	1	71	7	0	0	0	79	81.9	0	0	2	0	0	0	0	2	2	8	3	307	12	0	0	0	330	327.8
12 TOT	3	3	1153	95	5	3	0	1262	1312	0	0	22	2	1	0	0	25	26.5	32	13	2831	334	44	20	1	3275	3458

TIME	C => A									C => B									C => C								
	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	21	9	1	0	0	31	36	0	0	38	6	1	2	0	47	53.1	0	0	0	0	0	0	0	0	0
07:15	1	0	24	6	1	0	0	32	34.7	0	1	57	8	3	1	0	70	76.2	0	0	0	0	0	0	0	0	0
07:30	0	0	45	6	0	0	1	52	56	1	0	80	12	0	0	0	93	98.2	0	0	0	0	0	0	0	0	0
07:45	2	1	35	3	2	0	0	43	43.3	1	0	99	3	0	0	0	103	103.7	0	0	0	0	0	0	0	0	0
H/TOT	3	1	125	24	4	0	1	158	170	2	1	274	29	4	3	0	313	331.2	0	0	0	0	0	0	0	0	0
08:00	0	1	44	3	0	0	0	48	48.9	1	0	128	6	2	0	0	137	140.2	0	0	0	0	0	0	0	0	0
08:15	0	0	37	5	1	0	0	43	46	1	0	131	11	1	1	0	145	151.5	0	0	1	0	0	0	0	1	1
08:30	0	0	56	7	0	1	0	64	68.8	0	1	147	6	1	0	0	155	157.9	0	0	0	0	0	1	0	1	2.3
08:45	0	0	46	1	1	0	0	48	49	3	1	166	6	1	0	0	177	177.5	0	0	0	0	0	0	0	0	0
H/TOT	0	1	183	16	2	1	0	203	212.7	5	2	572	29	5	1	0	614	627.1	0	0	1	0	0	1	0	2	3.3
09:00	0	0	60	8	0	0	0	68	72	1	0	112	10	0	0	0	123	127.2	0	0	0	0	0	0	0	0	0
09:15	0	0	51	11	0	0	1	63	69.5	1	1	102	8	1	3	0	116	123	0	0	0	0	0	0	0	0	0
09:30	0	0	41	4	0	0	0	45	47	0	1	56	4	0	1	0	62	64.7	0	0	0	0	0	0	0	0	0
09:45	0	0	46	7	2	0	0	55	59.5	0	0	66	12	1	0	0	79	85.5	0	0	0	0	0	0	0	0	0
H/TOT	0	0	198	30	2	0	1	231	248	2	2	336	34	2	4	0	380	400.4	0	0	0	0	0	0	0	0	0
10:00	1	0	26	2	0	0	0	29	29.2	0	0	55	3	2	0	0	60	62.5	0	0	0	0	0	0	0	0	0
10:15	1	0	34	4	0	0	0	39	40.2	1	0	57	6	2	1	0	67	71.5	0	0	0	0	0	0	0	0	0
10:30	0	0	24	6	0	0	0	30	33	0	0	36	9	4	0	0	49	55.5	0	0	0	0	0	0	0	0	0
10:45	1	0	33	9	0	0	0	43	46.7	2	0	55	3	0	0	0	60	59.9	0	0	0	0	0	0	0	0	0
H/TOT	3	0	117	21	0	0	0	141	149.1	3	0	203	21	8	1	0	236	249.4	0	0	0	0	0	0	0	0	0
11:00	0	0	31	1	1	0	0	33	34	1	0	41	8	2	1	0	53	58.5	0	0	2	0	0	0	0	2	2
11:15	0	0	36	2	0	0	0	38	39	1	0	40	7	0	1	0	49	53	0	0	1	0	0	0	0	1	1
11:30	0	0	17	2	1	0	0	20	21.5	0	0	36	8	1	0	0	45	49.5	0	0	0	0	0	0	0	0	0
11:45	0	0	29	8	2	0	0	39	44	0	0	44	8	1	0	0	53	57.5	0	0	0	0	0	0	0	0	0
H/TOT	0	0	113	13	4	0	0	130	138.5	2	0	161	31	4	2	0	200	218.5	0	0	3	0	0	0	0	3	3
12:00	1	0	46	3	0	1	0	51	53	1	0	51	5	2	0	0	59	61.7	0	0	1	0	0	0	0	1	1
12:15	1	0	33	3	0	0	0	37	37.7	1	0	52	5	1	0	0	59	61.2	0	0	0	0	0	0	0	0	0
12:30	1	0	39	2	0	0	0	42	42.2	0	0	40	6	0	0	0	46	49	0	0	1	0	0	0	0	1	1
12:45	1	0	51	7	1	0	0	60	63.2	0	0	44	6	0	1	0	51	55.3	0	0	1	0	0	0	0	1	1
H/TOT	4	0	169	15	1	1	0	190	196.1	2	0	187	22	3	1	0	215	227.2	0	0	3	0	0	0	0	3	3
13:00	0	0	52	3	0	0	0	55	56.5	0	1	47	6	1	1	0	56	60.2	0	0	0	0	0	0	0	0	0
13:15	0	2	43	5	1	0	0	51	52.8	1	0	54	11	2	2	0	70	78.3	0	0	1	0	0	0	0	1	1
13:30	0	0	41	3	1	0	0	45	47	1	0	57	3	1	1	0	63	65.5	0	0	1	0	0	0	1	2	3
13:45	0	0	46	7	1	0	0	54	58	0	1	63	9	1	0	0	74	78.4	0	0	1	0	0	0	0	1	1
H/TOT	0	2	182	18	3	0	0	205	214.3	2	2	221	29	5	4	0	263	282.4	0	0	3	0	0	0	1	4	5
14:00	0	0	25	3	0	0	0	28	29.5	2	0	53	5	3	0	0	63	65.4	0	0	0	0	0	0	0	0	0
14:15	0	0	35	4	1	0	0	40	42.5	0	0	42	4	1	0	0	47	49.5	0	0	1	0	0	0	0	1	1
14:30	0	1	48	2	3	0	0	54	55.9	2	0	36	4	2	0	0	44	45.4	0	0	0	0	0	0	0	0	0
14:45	0	0	39	1	0	0	0	40	40.5	2	0	53	5	0	1	1	62	65.2	0	0	1	0	0	0	0	1	1
H/TOT	0	1	147	10	4	0	0	162	168.4	6	0	184	18	6	1	1	216	225.5	0	0	2	0	0	0	0	2	2
15:00	0	0	42	4	0	0	0	46	48	0	0	50	7	0	1	0	58	62.8	0	0	0	0	0	0	0	0	0
15:15	0	0	40	5	1	0	0	46	49	0	0	57	8	0	0	0	65	69	0	0	0	0	0	0	0	0	0
15:30	0	0	36	3	0	0	0	39	40.5	1	0	45	8	1	0	0	55	58.7	0	0	2	0	1	0	0	3	3.5
15:45	0	0	41	4	0	0	0	45	47	0	0	52	4	1	1	0	58	61.8	0	0	0	0	1	0	0	1	1.5
H/TOT	0	0	159	16	1	0	0	176	184.5	1	0	204	27	2	2	0	236	252.3	0	0	2	0	2	0	0	4	5
16:00	0	0	41	8	0	0	0	49	53	0	1	56	12	0	0	0	69	74.4	0	0	0	0	0	0	0	0	0
16:15	1	0	40	3	1	0	0	45	46.2	0	0	68	4	2	0	0	74	77	0	0	0	0	0	0	0	0	0
16:30	0	0	27	6	0	0	0	33	36	0	1	59	3	0	0	0	63	63.9	0	0	0	0	0	0	0	0	0
16:45	0	0	35	3	1	0	0	39	41	1	0	68	11	1	1	0	82	88.5	0	0	1	0	0	0	0	1	1
H/TOT	1	0	143	20	2	0	0	166	176.2	1	2	251	30	3	1	0	288	303.8	0	0	1	0	0	0	0	1	1
17:00	0	1	32	3	0	0	0	36	36.9	2	1	76	4	0	0	0	83	82.8	0	0	0	0	0	0	0	0	0
17:15	1	0	32	3	0	0	0	36	36.7	1	1	73	3	0	0	0	78	78.1	0	0	0	0	0	0	0	0	0
17:30	0	0	31	1	0	0	0	32	32.5	7	2	75	5	0	0	0	89	84.7	0	0	0	0	0	0	0	0	0
17:45	0	0	36	5	0	0	0	41	43.5	1	0	75	7	0	0	0	83	85.7	0	0	0	0	0	0	0	0	0
H/TOT	1	1	131	12	0	0	0	145	149.6	11	4	299	19	0	0	0	333	331.3	0	0	0	0	0	0	0	0	0
18:00	0	0	28	6	0	0	0	34	37	0	0	65	3	0	1	0	69	71.8	0	0	0	0	0	0	0	0	0
18:15	0	0	31	2	0	0	0	33	34	0	3	40	2	0	0	0	45	44.2	0	0	0	0	0	0	0	0	0
18:30	0	0	26	3	0	0	0	29	30.5	0	2	45	0	0	0	0	47	45.8	0	0	0	0	0	0	0	0	0
18:45	1	0	28	5	0	0	0	34	35.7	0	0	42	0	0	0	0	42	42	0	0	0	0	0	0	0	0	0
H/TOT	1	0	113	16	0	0	0	130	137.2	0	5	192	5	0	1	0	203	203.8	0	0	0	0	0	0	0	0	0
12 TOT	13	6	1780	211	23	2	2	2037	2145	37	18	3084	294	42	21	1	3497	3653	0	0	15	0	2	1	1	19	22.3



IDASO

Survey Name: 029 19025 Northwood
Site: 5
Location: Northwood Ave
Date: 12-Feb-2019

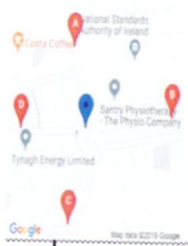
TIME	A1	A2	B1	B2	C1	C2	D1	D2
07:00	5	0	5	0	5	5	5	5
07:15	10	0	0	0	5	10	10	10
07:30	10	5	5	5	10	10	10	15
07:45	5	0	0	5	5	10	15	20
08:00	10	0	0	5	10	5	10	15
08:15	10	0	0	0	10	10	15	25
08:30	5	0	5	0	20	0	10	15
08:45	5	0	10	5	10	10	15	15
09:00	5	10	5	5	5	10	10	20
09:15	5	10	0	5	5	15	15	30
09:30	0	5	5	10	5	10	10	5
09:45	10	5	5	5	5	5	15	5
10:00	10	5	5	5	5	5	10	5
10:15	5	0	10	5	5	5	10	5
10:30	5	0	10	5	5	10	10	5
10:45	5	0	10	0	5	10	5	10
11:00	10	5	5	0	5	5	5	0
11:15	10	5	10	5	10	0	15	0
11:30	5	0	0	0	15	10	15	5
11:45	5	0	15	10	5	10	5	5
12:00	5	5	5	10	5	5	5	5
12:15	5	5	5	5	10	5	0	0
12:30	5	5	5	10	5	10	5	10
12:45	0	15	5	10	20	5	10	15

TIME	A1	A2	B1	B2	C1	C2	D1	D2
13:00	5	15	0	10	10	10	15	10
13:15	10	0	10	0	10	20	5	15
13:30	10	5	5	5	10	10	5	15
13:45	5	5	0	0	10	5	10	15
14:00	5	0	5	10	15	15	15	5
14:15	5	10	5	5	5	0	10	5
14:30	5	5	10	0	10	5	5	10
14:45	5	5	5	0	10	10	10	20
15:00	5	5	5	15	5	10	5	15
15:15	5	10	10	5	10	10	5	10
15:30	10	5	0	0	10	5	10	5
15:45	10	0	10	10	5	5	5	10
16:00	5	5	0	5	5	5	5	5
16:15	10	5	5	5	10	10	20	10
16:30	10	10	0	20	10	15	10	25
16:45	10	15	5	15	5	15	20	15
17:00	10	10	15	10	10	10	10	25
17:15	5	10	15	15	10	25	10	10
17:30	15	10	5	25	10	15	15	20
17:45	5	10	5	10	15	20	5	10
18:00	15	10	10	5	5	10	10	45
18:15	5	5	5	15	15	20	15	10
18:30	10	5	0	10	10	10	10	10
18:45	10	5	10	5	5	5	5	15

Queue's are measured in meters

	Cannot be seen from camera
+	Signifies queue stretches to a minimum length of x and beyond the view of the camera
#	Signifies queue stretches to the next significant junction
*	Indicates an estimated queue length due to obscured vision.

Queue lengths are compiled from CCTV observations and are therefore subject to the limitations of the camera view.



IDASO

Survey Name: 029 19025 Northwood
Site: 5
Location: Northwood Ave
Date: 12-Feb-2019

A => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	3	0	0	0	0	3	3
H/TOT	0	0	3	0	0	0	0	3	3
10:00	0	0	0	1	0	0	0	1	1.5
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	1	0	0	0	2	2.5
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	1	0	0	0	0	1	1
12:15	0	0	1	0	0	0	0	1	1
12:30	0	0	0	0	0	0	0	0	0
12:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	3	0	0	0	0	3	3
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
15:00	0	0	1	0	0	0	0	1	1
15:15	0	0	1	0	0	0	0	1	1
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	2	0	0	0	0	2	2
H/TOT	0	0	4	0	0	0	0	4	4
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	1	0	0	0	0	1	1
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12 TOT	0	0	12	1	0	0	0	13	13.5

A => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	3	0	0	0	0	3	3
07:15	0	0	6	0	1	0	0	7	7.5
07:30	0	0	8	0	1	0	0	9	9.5
07:45	0	0	8	1	0	0	0	9	9.5
H/TOT	0	0	25	1	2	0	0	28	29.5
08:00	0	0	9	2	0	0	0	11	12
08:15	0	0	9	3	0	0	0	12	13.5
08:30	0	0	5	1	0	0	0	6	6.5
08:45	0	0	12	1	0	0	0	13	13.5
H/TOT	0	0	35	7	0	0	0	42	45.5
09:00	0	0	5	0	0	0	0	5	5
09:15	0	0	9	1	0	0	0	10	10.5
09:30	0	0	5	1	0	0	0	6	6.5
09:45	0	0	5	1	0	0	0	6	6.5
H/TOT	0	0	24	3	0	0	0	27	28.5
10:00	0	0	11	2	0	0	0	13	14
10:15	1	0	6	0	0	0	0	7	6.2
10:30	0	0	2	1	0	0	0	3	3.5
10:45	1	0	6	0	0	0	0	7	6.2
H/TOT	2	0	25	3	0	0	0	30	29.9
11:00	0	0	6	1	0	0	0	7	7.5
11:15	0	0	4	1	0	0	0	5	5.5
11:30	0	0	8	1	0	0	0	9	9.5
11:45	0	0	6	1	0	0	0	7	7.5
H/TOT	0	0	24	4	0	0	0	28	30
12:00	0	0	6	1	0	0	0	7	7.5
12:15	0	0	4	0	0	0	0	4	4
12:30	0	0	10	1	0	0	0	11	11.5
12:45	0	0	9	0	0	0	0	9	9
H/TOT	0	0	29	2	0	0	0	31	32
13:00	0	0	9	0	0	0	0	9	9
13:15	0	0	11	2	0	0	0	13	14
13:30	0	0	10	0	0	0	0	10	10
13:45	0	0	8	1	0	0	0	9	9.5
H/TOT	0	0	38	3	0	0	0	41	42.5
14:00	0	0	13	1	0	0	0	14	14.5
14:15	0	0	6	1	0	0	0	7	7.5
14:30	0	1	8	0	0	0	0	9	8.4
14:45	0	0	5	0	0	0	0	5	5
H/TOT	0	1	32	2	0	0	0	35	35.4
15:00	0	0	7	2	0	0	0	9	10
15:15	0	0	10	0	0	0	0	10	10
15:30	1	0	10	0	1	0	0	12	11.7
15:45	0	0	11	2	0	0	0	13	14
H/TOT	1	0	38	4	1	0	0	44	45.7
16:00	0	0	21	3	0	0	0	24	25.5
16:15	0	0	14	0	0	0	0	14	14
16:30	0	0	13	0	0	0	0	13	13
16:45	0	0	20	1	0	0	0	21	21.5
H/TOT	0	0	68	4	0	0	0	72	74
17:00	0	1	28	0	0	0	0	29	28.4
17:15	0	0	22	0	0	0	0	22	22
17:30	0	0	19	0	0	0	0	19	19
17:45	0	0	12	3	0	0	0	15	16.5
H/TOT	0	1	81	3	0	0	0	85	85.9
18:00	0	0	10	1	0	0	0	11	11.5
18:15	0	0	11	0	0	0	0	11	11
18:30	0	0	13	0	0	0	0	13	13
18:45	0	0	10	1	0	0	0	11	11.5
H/TOT	0	0	44	2	0	0	0	46	47
12 TOT	3	2	463	38	3	0	0	509	525.9

A => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	1	0	0	0	0	1	1
07:30	0	0	4	1	0	0	0	5	5.5
07:45	0	0	5	1	0	0	0	6	6.5
H/TOT	0	0	10	2	0	0	0	12	13
08:00	0	0	1	0	0	0	0	1	1
08:15	1	0	8	2	0	0	0	11	11.2
08:30	0	0	3	0	0	0	0	3	3
08:45	0	0	3	1	0	0	0	4	4.5
H/TOT	1	0	15	3	0	0	0	19	19.7
09:00	0	0	3	1	0	0	0	4	4.5
09:15	0	0	1	0	0	0	0	1	1
09:30	0	0	1	1	0	0	0	2	2.5
09:45	0	0	4	0	0	0	0	4	4
H/TOT	0	0	9	2	0	0	0	11	12
10:00	0	0	3	0	0	0	0	3	3
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	5	0	1	0	0	6	6.5
10:45	0	0	4	1	0	0	0	5	5.5
H/TOT	0	0	12	1	1	0	0	14	15
11:00	0	0	3	0	0	0	0	3	3
11:15	0	0	2	1	0	0	0	3	3.5
11:30	0	0	4	2	0	0	0	6	7
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	9	3	0	0	0	12	13.5
12:00	0	0	3	0	0	0	0	3	3
12:15	0	0	10	0	1	0	0	11	11.5
12:30	0	0	8	0	0	0	0	8	8
12:45	0	0	6	0	0	0	0	6	6
H/TOT	0	0	27	0	1	0	0	28	28.5
13:00	0	0	5	0	0	0	0	5	5
13:15	0	0	12	0	0	0	0	12	12
13:30	0	0	4	0	0	0	0	4	4
13:45	0	0	2	0	0	0	0	2	2
H/TOT	0	0	23	0	0	0	0	23	23
14:00	0	0	2	0	0	0	0	2	2
14:15	0	0	2	0	1	0	0	3	3.5
14:30	0	0	3	2	0	0	0	5	6
14:45	0	0	1	1	0	0	0	2	2.5
H/TOT	0	0	8	3	1	0	0	12	14
15:00	0	0	6	1	0	0	0	7	7.5
15:15	0	0	2	0	0	0	0	2	2
15:30	0	0	6	0	0	0	0	6	6
15:45	0	0	3	0	0	0	0	3	3
H/TOT	0	0	17	1	0	0	0	18	18.5
16:00	0	0	10	1	0	0	0	11	11.5
16:15	3	0	7	1	1	0	0	12	10.6
16:30	0	0	12	1	0	0	0	13	13.5
16:45	0	0	18	0	0	0	0	18	18
H/TOT	3	0	47	3	1	0	0	54	53.6
17:00	1	1	22	0	0	0	0	24	22.6
17:15	0	0	19	0	0	0	0	19	19
17:30	0	0	19	0	0	0	0	19	19
17:45	0	0	7	0	0	0	0	7	7
H/TOT	1	1	67	0	0	0	0	69	67.6
18:00	0	0	6	1	0	0	0	7	7.5
18:15	0	0	5	0	0	0	0	5	5
18:30	0	0	4	0	0	0	0	4	4
18:45	1	0	3	0	0	0	0	4	3.2
H/TOT	1	0	18	1	0	0	0	20	19.7
12 TOT	6	1	262	19	4	0	0	292	298.1

A => D

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	1	0	1	0	0	0	0	2	1.2
07:30	0	0	1	1	1	0	0	3	4
07:45	0	0	1	0	0	0	0	1	1
H/TOT	1	0	3	1	1	0	0	6	6.2
08:00	0	0	2	1	0	0	0	3	3.5
08:15	0	0	2	0	0	0	0	2	2
08:30	0	0	1	1	0	0	0	2	2.5
08:45	0	0	2	1	0	0	0	3	3.5
H/TOT	0	0	7	3	0	0	0	10	11.5
09:00	0	0	4	1	1	0	0	6	7
09:15	1	0	5	3	0	0	0	9	9.7
09:30	0	1	7	1	0	0	0	9	8.9
09:45	0	0	10	0	0	0	0	10	10
H/TOT	1	1	26	5	1	0	0	34	35.6
10:00	0	0	8	2	1	0	0	11	12.5
10:15	0	0	5	0	0	0	0	5	5
10:30	0	0	6	0	0	1	0	7	8.3
10:45	0	0	7	3	0	0	0	10	11.5
H/TOT	0	0	26	5	1	1	0	33	37.3
11:00	0	0	4	2	0	0	0	6	7
11:15	0	0	8	0	0	0	0	8	8
11:30	0	0	7	1	0	0	0	8	8.5
11:45	0	0	8	0	0	0	0	8	8
H/TOT	0	0	27	3	0	0	0	30	31.5
12:00	0	0	12	1	0	0	0	13	13.5
12:15	0	0	5	1	0	0	0	6	6.5
12:30	0	0	10	4	0	0	0	14	16
12:45	0	1	18	2	0	0	0	21	21.4
H/TOT	0	1	45	8	0	0	0	54	57.4
13:00	0	0	19	1	0	0	0	20	20.5
13:15	0	0	6	0	0	0	0	6	6
13:30	0	0	9	0	0	0	0	9	9
13:45	0	0	10	0	1	0	0	11	11.5
H/TOT	0	0	44	1	1	0	0	46	47
14:00	0	2	8	0	2	0	0	12	11.8
14:15	0	0	7	0	0	0	0	7	7
14:30	1	0	7	0	0	0	0	8	7.2
14:45	0	0	6	4	1	0	0	11	13.5
H/TOT	1	2	28	4	3	0	0	38	39.5
15:00	1	0	8	3	1	0	0	13	14.2
15:15	1	0	8	1	0	0	0	10	9.7
15:30	0	0	10	0	0	0	0	10	10
15:45	0	0	14	2	0	0	0	16	17
H/TOT	2	0	40	6	1	0	0	49	50.9
16:00	1	0	23	1	0	0	0	25	24.7
16:15	0	0	18	1	0	0	0	19	19.5
16:30	0	0	20	1	0	0	0	21	21.5
16:45	0	0	30	0	0	0	0	30	30
H/TOT	1	0	91	3	0	0	0	95	95.7
17:00	0	1	24	2	1	0	0	28	28.9
17:15	0	0	23	0	0	1	0	24	25.3
17:30	0	0	20	0	0	0	0	20	20
17:45	1	0	19	1	0	0	0	21	20.7
H/TOT	1	1	86	3	1	1	0	93	94.9
18:00	1	0	9	0	0	0	0	10	9.2
18:15	2	0	10	2	0	0	0	14	13.4
18:30	0	0	9	0	0	0	0	9	9
18:45	0	0	7	0	0	0	0	7	7
H/TOT	3	0	35	2	0	0	0	40	38.6
12 TOT	10	5	458	44	9	2	0	528	546.1

B => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	5	0	0	0	0	5	5
07:15	0	0	6	3	0	0	0	9	10.5
07:30	0	0	4	1	0	0	0	5	5.5
07:45	0	0	8	3	0	0	0	11	12.5
H/TOT	0	0	23	7	0	0	0	30	33.5
08:00	0	0	10	0	0	0	0	10	10
08:15	0	0	18	1	0	0	0	19	19.5
08:30	0	0	16	1	1	0	0	18	19
08:45	0	0	5	0	0	0	0	5	5
H/TOT	0	0	49	2	1	0	0	52	53.5
09:00	0	0	12	1	0	0	0	13	13.5
09:15	0	0	4	0	0	0	0	4	4
09:30	0	0	7	1	0	0	0	8	8.5
09:45	0	0	6	2	0	0	0	8	9
H/TOT	0	0	29	4	0	0	0	33	35
10:00	0	0	12	0	0	0	0	12	12
10:15	0	0	5	0	0	1	0	6	7.3
10:30	0	0	10	2	0	0	0	12	13
10:45	0	0	6	0	0	0	0	6	6
H/TOT	0	0	33	2	0	1	0	36	38.3
11:00	0	0	8	0	0	0	0	8	8
11:15	0	0	8	1	0	0	0	9	9.5
11:30	0	0	7	0	0	0	0	7	7
11:45	0	0	13	0	0	0	0	13	13
H/TOT	0	0	36	1	0	0	0	37	37.5
12:00	0	0	6	0	0	0	0	6	6
12:15	0	0	9	2	0	0	0	11	12
12:30	0	0	14	0	0	0	0	14	14
12:45	0	0	10	1	1	0	0	12	13
H/TOT	0	0	39	3	1	0	0	43	45
13:00	0	0	10	2	0	0	0	12	13
13:15	0	0	12	2	0	0	0	14	15
13:30	0	0	5	1	0	0	0	6	6.5
13:45	0	0	15	2	0	0	0	17	18
H/TOT	0	0	42	7	0	0	0	49	52.5
14:00	0	0	11	1	0	0	0	12	12.5
14:15	0	1	5	0	0	0	0	6	5.4
14:30	0	0	6	0	0	0	0	6	6
14:45	1	0	5	1	1	0	0	8	8.2
H/TOT	1	1	27	2	1	0	0	32	32.1
15:00	0	0	6	2	0	0	0	8	9
15:15	0	0	11	1	0	0	0	12	12.5
15:30	0	0	11	0	0	0	0	11	11
15:45	0	0	8	0	0	0	0	8	8
H/TOT	0	0	36	3	0	0	0	39	40.5
16:00	0	0	4	3	0	0	0	7	8.5
16:15	0	0	3	1	0	0	0	4	4.5
16:30	0	0	5	0	1	0	0	6	6.5
16:45	0	0	7	0	0	0	0	7	7
H/TOT	0	0	19	4	1	0	0	24	26.5
17:00	0	0	7	0	0	0	0	7	7
17:15	0	0	10	1	0	0	0	11	11.5
17:30	0	0	5	0	0	0	0	5	5
17:45	0	0	11	0	0	0	0	11	11
H/TOT	0	0	33	1	0	0	0	34	34.5
18:00	0	0	4	2	0	0	0	6	7
18:15	0	0	4	0	0	0	0	4	4
18:30	0	0	1	0	0	0	0	1	1
18:45	0	0	4	0	0	0	0	4	4
H/TOT	0	0	13	2	0	0	0	15	16
12 TOT	1	1	379	38	4	1	0	424	444.9

B => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	0	0	0	0	1	1
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	0	0	0	0	1	1
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	1	0	0	0	0	1	1
12:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	0	0	0	0	1	1
14:00	0	0	1	0	0	0	0	1	1
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	2	0	0	0	0	2	2
H/TOT	0	0	3	0	0	0	0	3	3
15:00	0	0	0	1	0	0	0	1	1.5
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	1	0	0	0	2	2.5
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	1	0	0	0	0	1	1
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	2	0	0	0	0	2	2
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	2	0	0	0	0	2	2
12 TOT	0	0	11	1	0	0	0	12	12.5

B => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	2	0	0	0	0	2	2
07:15	1	0	5	0	0	0	0	6	5.2
07:30	2	0	18	2	0	0	0	22	21.4
07:45	0	0	12	1	0	0	0	13	13.5
H/TOT	3	0	37	3	0	0	0	43	42.1
08:00	4	0	19	1	0	0	0	24	21.3
08:15	2	0	21	2	0	0	0	25	24.4
08:30	1	1	39	1	0	0	0	42	41.1
08:45	2	0	21	1	1	0	0	25	24.4
H/TOT	9	1	100	5	1	0	0	116	111.2
09:00	1	0	16	1	1	0	0	19	19.2
09:15	0	0	10	1	0	0	0	11	11.5
09:30	0	0	9	3	0	0	0	12	13.5
09:45	1	0	6	1	0	0	0	8	7.7
H/TOT	2	0	41	6	1	0	0	50	51.9
10:00	0	0	14	2	0	0	0	16	17
10:15	0	0	12	0	0	0	0	12	12
10:30	0	0	18	1	0	0	0	19	19.5
10:45	0	0	5	1	0	0	0	6	6.5
H/TOT	0	0	49	4	0	0	0	53	55
11:00	0	0	11	0	0	0	0	11	11
11:15	0	0	10	1	1	0	0	12	13
11:30	1	0	11	0	0	0	0	12	11.2
11:45	0	0	15	1	0	0	0	16	16.5
H/TOT	1	0	47	2	1	0	0	51	51.7
12:00	0	0	7	1	0	0	0	8	8.5
12:15	1	0	8	2	0	0	0	11	11.2
12:30	0	0	8	0	0	0	0	8	8
12:45	0	0	12	2	0	0	0	14	15
H/TOT	1	0	35	5	0	0	0	41	42.7
13:00	0	1	12	0	0	0	0	13	12.4
13:15	0	0	15	0	0	0	0	15	15
13:30	0	0	21	0	1	0	0	22	22.5
13:45	0	0	8	2	0	0	0	10	11
H/TOT	0	1	56	2	1	0	0	60	60.9
14:00	1	0	15	1	0	0	0	17	16.7
14:15	1	0	14	1	0	0	0	16	15.7
14:30	1	0	15	1	0	0	0	17	16.7
14:45	3	0	7	1	0	0	0	11	9.1
H/TOT	6	0	51	4	0	0	0	61	58.2
15:00	0	0	15	1	0	0	0	16	16.5
15:15	1	0	13	0	0	0	0	14	13.2
15:30	1	0	18	0	0	0	0	19	18.2
15:45	0	0	11	0	1	0	0	12	12.5
H/TOT	2	0	57	1	1	0	0	61	60.4
16:00	1	0	9	1	0	0	0	11	10.7
16:15	0	0	21	1	0	0	0	22	22.5
16:30	2	0	15	1	0	0	0	18	16.9
16:45	2	0	21	0	0	0	0	23	21.4
H/TOT	5	0	66	3	0	0	0	74	71.5
17:00	5	0	27	2	0	0	0	34	31
17:15	3	0	29	3	0	0	0	35	34.1
17:30	0	1	30	2	0	0	0	33	33.4
17:45	1	0	21	0	0	0	0	22	21.2
H/TOT	9	1	107	7	0	0	0	124	119.7
18:00	3	0	16	1	0	0	0	20	18.1
18:15	3	0	13	2	0	0	0	18	16.6
18:30	0	0	10	1	0	0	0	11	11.5
18:45	2	0	11	0	0	0	0	13	11.4
H/TOT	8	0	50	4	0	0	0	62	57.6
12 TOT	46	3	696	46	5	0	0	796	782.9

B => D

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	1	0	28	5	0	0	0	34	35.7
07:15	3	0	29	6	3	1	0	42	45.4
07:30	0	0	35	7	0	4	0	46	54.7
07:45	1	1	49	6	1	0	0	58	60.1
H/TOT	5	1	141	24	4	5	0	180	195.9
08:00	2	0	60	8	0	0	0	70	72.4
08:15	3	0	47	6	0	1	0	57	58.9
08:30	1	2	59	4	1	0	0	67	67.5
08:45	1	0	44	4	0	0	0	49	50.2
H/TOT	7	2	210	22	1	1	0	243	249
09:00	0	0	50	19	1	0	0	70	80
09:15	0	0	34	8	3	0	0	45	50.5
09:30	1	0	33	8	0	1	0	43	47.5
09:45	0	1	28	9	0	2	0	40	46.5
H/TOT	1	1	145	44	4	3	0	198	224.5
10:00	0	0	29	7	0	0	0	36	39.5
10:15	0	0	40	3	1	0	0	44	46
10:30	0	0	35	7	2	1	0	45	50.8
10:45	0	0	40	8	0	0	0	48	52
H/TOT	0	0	144	25	3	1	0	173	188.3
11:00	0	0	46	5	0	0	0	51	53.5
11:15	0	0	33	9	1	2	0	45	52.6
11:30	0	0	36	2	0	0	0	38	39
11:45	0	0	38	6	0	0	0	44	47
H/TOT	0	0	153	22	1	2	0	178	192.1
12:00	0	0	37	3	2	0	0	42	44.5
12:15	0	0	41	2	2	1	0	46	49.3
12:30	1	0	59	3	0	0	0	63	63.7
12:45	0	0	46	10	0	0	0	56	61
H/TOT	1	0	183	18	4	1	0	207	218.5
13:00	1	0	70	9	2	0	0	82	86.7
13:15	0	0	54	3	1	2	0	60	64.6
13:30	1	1	66	6	0	1	0	75	77.9
13:45	0	0	50	3	1	1	0	55	58.3
H/TOT	2	1	240	21	4	4	0	272	287.5
14:00	0	0	42	9	1	0	0	52	57
14:15	0	0	49	9	1	0	0	59	64
14:30	0	0	44	8	0	0	0	52	56
14:45	0	0	41	8	0	1	0	50	55.3
H/TOT	0	0	176	34	2	1	0	213	232.3
15:00	1	0	54	2	0	0	0	57	57.2
15:15	0	0	48	5	2	1	0	56	60.8
15:30	1	0	51	5	0	0	0	57	58.7
15:45	2	0	36	11	0	1	0	50	55.2
H/TOT	4	0	189	23	2	2	0	220	231.9
16:00	1	0	43	10	0	1	0	55	60.5
16:15	0	0	36	12	1	0	0	49	55.5
16:30	0	0	58	3	1	0	0	62	64
16:45	0	1	48	12	0	0	0	61	66.4
H/TOT	1	1	185	37	2	1	0	227	246.4
17:00	3	0	58	6	0	0	0	67	67.6
17:15	0	0	59	6	1	0	0	66	69.5
17:30	0	1	76	2	1	0	0	80	80.9
17:45	0	1	59	7	1	0	0	68	71.4
H/TOT	3	2	252	21	3	0	0	281	289.4
18:00	0	0	68	4	0	0	0	72	74
18:15	2	0	57	4	0	0	0	63	63.4
18:30	1	1	44	7	0	0	0	53	55.1
18:45	1	0	35	0	0	0	0	36	35.2
H/TOT	4	1	204	15	0	0	0	224	227.7
12 TOT	28	9	2222	306	30	21	0	2616	2784

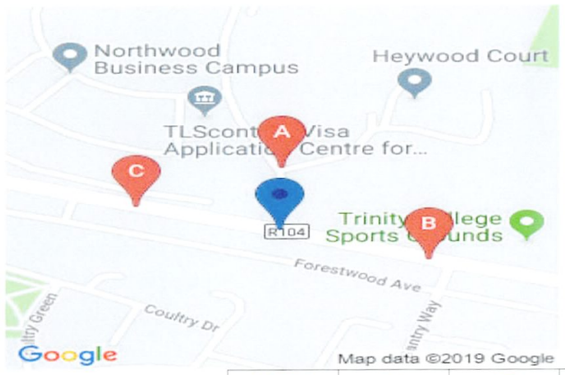
C => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	3	0	0	0	0	3	3
07:15	1	0	11	2	0	0	0	14	14.2
07:30	0	0	11	0	0	0	0	11	11
07:45	0	0	12	1	0	0	0	13	13.5
H/TOT	1	0	37	3	0	0	0	41	41.7
08:00	3	0	8	2	0	0	0	13	11.6
08:15	1	0	18	1	0	0	0	20	19.7
08:30	2	0	11	0	0	0	0	13	11.4
08:45	0	0	13	2	0	0	0	15	16
H/TOT	6	0	50	5	0	0	0	61	58.7
09:00	0	0	10	1	0	0	0	11	11.5
09:15	0	0	10	1	0	0	0	11	11.5
09:30	0	0	7	1	0	0	0	8	8.5
09:45	0	0	5	1	0	0	0	6	6.5
H/TOT	0	0	32	4	0	0	0	36	38
10:00	1	0	3	1	0	0	0	5	4.7
10:15	0	0	4	1	0	0	0	5	5.5
10:30	0	0	4	3	0	0	0	7	8.5
10:45	0	0	10	2	0	0	0	12	13
H/TOT	1	0	21	7	0	0	0	29	31.7
11:00	0	0	5	1	1	0	0	7	8
11:15	0	0	9	3	0	0	0	12	13.5
11:30	0	0	10	1	0	0	0	11	11.5
11:45	0	0	3	0	0	0	0	3	3
H/TOT	0	0	27	5	1	0	0	33	36
12:00	0	0	2	0	0	0	0	2	2
12:15	0	0	4	0	0	0	0	4	4
12:30	0	1	4	1	1	0	0	7	7.4
12:45	0	0	14	1	1	0	0	16	17
H/TOT	0	1	24	2	2	0	0	29	30.4
13:00	0	0	10	0	0	0	0	10	10
13:15	0	0	10	1	0	0	0	11	11.5
13:30	0	0	6	2	0	0	0	8	9
13:45	0	0	9	1	0	0	0	10	10.5
H/TOT	0	0	35	4	0	0	0	39	41
14:00	1	0	3	0	0	0	0	4	3.2
14:15	0	0	4	0	0	0	0	4	4
14:30	0	0	6	3	0	0	0	9	10.5
14:45	0	0	10	2	0	0	0	12	13
H/TOT	1	0	23	5	0	0	0	29	30.7
15:00	0	0	15	0	0	0	0	15	15
15:15	0	0	7	0	0	0	0	7	7
15:30	0	0	6	1	0	0	0	7	7.5
15:45	1	0	10	1	0	0	0	12	11.7
H/TOT	1	0	38	2	0	0	0	41	41.2
16:00	0	0	10	0	0	0	0	10	10
16:15	0	0	9	1	1	0	0	11	12
16:30	0	0	5	0	0	0	0	5	5
16:45	0	0	10	0	0	0	0	10	10
H/TOT	0	0	34	1	1	0	0	36	37
17:00	0	0	11	1	0	0	0	12	12.5
17:15	1	0	14	0	0	0	0	15	14.2
17:30	0	0	11	0	0	0	0	11	11
17:45	0	0	8	2	0	0	0	10	11
H/TOT	1	0	44	3	0	0	0	48	48.7
18:00	0	0	8	1	0	0	0	9	9.5
18:15	0	0	6	0	0	0	0	6	6
18:30	0	0	6	0	0	0	0	6	6
18:45	0	0	3	1	0	0	0	4	4.5
H/TOT	0	0	23	2	0	0	0	25	26
12 TOT	11	1	388	43	4	0	0	447	461.1

C => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	1	0	10	1	0	0	0	12
07:15	1	0	10	0	0	0	0	11
07:30	0	0	24	4	0	0	0	28
07:45	0	0	29	5	0	0	0	34
H/TOT	2	0	73	10	0	0	0	85
08:00	4	0	22	5	0	0	1	32
08:15	1	0	23	5	0	1	0	30
08:30	0	0	21	0	0	0	0	21
08:45	1	0	34	1	0	0	0	36
H/TOT	6	0	100	11	0	1	1	119
09:00	1	0	23	2	1	0	0	27
09:15	2	0	31	2	1	0	0	36
09:30	1	0	18	1	0	0	0	20
09:45	1	0	20	2	1	0	0	24
H/TOT	5	0	92	7	3	0	0	107
10:00	0	0	9	1	1	0	0	11
10:15	0	0	10	1	0	0	0	11
10:30	0	0	7	0	0	1	0	8
10:45	1	0	10	2	1	0	0	14
H/TOT	1	0	36	4	2	1	0	44
11:00	0	0	13	1	1	0	0	15
11:15	0	0	14	1	0	0	0	15
11:30	0	0	13	1	0	0	0	14
11:45	0	0	17	1	0	0	0	18
H/TOT	0	0	57	4	1	0	0	62
12:00	1	0	20	2	0	0	0	23
12:15	0	0	11	1	0	0	0	12
12:30	0	0	21	1	0	0	0	22
12:45	0	0	17	1	0	0	0	18
H/TOT	1	0	69	5	0	0	0	75
13:00	0	1	19	1	0	0	0	21
13:15	0	0	11	2	2	0	0	15
13:30	1	0	19	2	1	1	0	24
13:45	0	0	23	1	0	0	0	24
H/TOT	1	1	72	6	3	1	0	84
14:00	0	0	16	2	0	0	0	18
14:15	1	0	14	3	0	0	0	18
14:30	0	0	20	5	0	0	0	25
14:45	1	0	28	3	1	0	0	33
H/TOT	2	0	78	13	1	0	0	94
15:00	1	0	22	1	1	0	0	25
15:15	1	0	18	1	0	0	1	21
15:30	0	0	15	1	0	0	0	16
15:45	2	0	14	4	0	0	0	20
H/TOT	4	0	69	7	1	0	1	82
16:00	2	0	22	3	0	0	1	28
16:15	2	0	25	2	0	0	0	29
16:30	0	0	31	1	0	0	0	32
16:45	0	0	39	3	0	0	0	42
H/TOT	4	0	117	9	0	0	1	131
17:00	1	0	40	2	0	0	0	43
17:15	1	0	31	6	0	0	0	38
17:30	1	1	32	2	1	0	0	37
17:45	1	0	38	1	0	0	0	40
H/TOT	4	1	141	11	1	0	0	158
18:00	2	0	28	2	0	0	0	32
18:15	1	0	28	3	0	0	0	32
18:30	1	0	28	1	0	0	0	30
18:45	1	0	28	0	0	0	0	29
H/TOT	5	0	112	6	0	0	0	123
12 TOT	35	2	1016	93	12	3	3	1164

	C => C									C => D									D => A									D => B									D => C									D => D								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
11.7	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12	0	0	3	0	0	0	0	3	3	0	0	29	6	2	2	0	39	45.6	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0
10.2	0	0	0	0	0	0	0	0	0	1	0	15	1	0	0	0	17	16.7	0	0	16	1	1	0	0	18	19	0	1	28	10	2	1	0	42	48.7	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	6	0	24	3	1	0	0	34	31.2	1	0	15	1	1	0	0	18	18.2	0	0	41	10	0	0	0	51	56	0	0	21	1	0	0	0	22	22.5	0	0	0	0	0	0	0	0	0
36.5	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25	25	0	0	24	0	0	0	0	24	24	1	0	56	3	0	0	0	60	60.7	0	0	13	3	0	0	0	16	17.5	0	0	0	0	0	0	0	0	0
88.4	0	0	0	0	0	0	0	0	0	7	0	76	4	1	0	0	88	84.9	1	0	58	2	2	0	0	63	64.2	1	1	154	29	4	3	0	192	211	0	0	55	4	0	0	0	59	61	0	0	0	0	0	0	0	0	0
32.3	0	0	0	0	0	0	0	0	0	1	1	15	0	0	0	0	17	15.6	0	0	41	0	0	0	0	41	41	0	1	43	4	2	0	0	50	52.4	0	0	17	2	1	0	0	20	21.5	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13	0	0	41	3	0	0	0	44	45.5	0	0	56	9	2	0	0	67	72.5	0	0	14	3	0	0	0	17	18.5	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	2	0	18	2	0	0	0	22	21.4	0	1	42	1	0	0	0	44	43.9	0	0	77	8	1	0	0	86	90.5	0	0	18	2	0	0	0	20	21	0	0	0	0	0	0	0	0	0
35.7	0	0	0	0	0	0	0	0	0	1	0	16	1	0	0	0	18	17.7	3	0	44	0	0	0	0	47	44.6	0	0	70	9	0	0	0	79	83.5	0	0	27	3	1	0	0	31	33	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0	4	1	62	3	0	0	0	70	67.7	3	1	168	4	0	0	0	176	175	0	1	246	30	5	0	0	282	298.9	0	0	76	10	2	0	0	88	94	0	0	0	0	0	0	0	0	0
27.7	0	0	0	0	0	0	0	0	0	0	0	14	3	0	0	0	17	18.5	1	0	24	0	0	0	0	25	24.2	0	1	64	7	0	0	0	72	74.9	0	0	10	2	0	0	0	12	13	0	0	0	0	0	0	0	0	0
35.9	0	0	0	0	0	0	0	0	0	1	0	24	0	0	0	0	25	24.2	0	1	21	1	0	0	0	23	22.9	0	0	72	8	1	3	0	84	92.4	0	0	22	4	0	0	0	26	28	0	0	1	0	0	0	0	1	1
19.7	0	0	0	1	0	0	0	1	1.5	0	0	17	1	0	0	0	18	18.5	0	1	10	1	0	0	0	12	11.9	0	0	45	4	0	1	0	50	53.3	0	0	12	1	0	0	0	13	13.5	0	0	2	0	0	0	0	2	2
24.7	0	0	0	0	0	0	0	0	0	0	0	15	2	0	0	0	17	18	0	0	19	1	0	0	0	20	20.5	0	0	43	8	1	0	0	52	56.5	0	0	19	1	1	0	0	21	22	0	0	0	0	0	0	0	0	0
108	0	0	0	1	0	0	0	1	1.5	1	0	70	6	0	0	0	77	79.2	1	2	74	3	0	0	0	80	79.5	0	1	224	27	2	4	0	258	277.1	0	0	63	8	1	0	0	72	76.5	0	0	3	0	0	0	0	3	3
12	0	0	0	0	0	0	0	0	0	0	0	13	2	1	0	0	16	17.5	0	0	6	0	0	0	0	6	6	0	0	55	8	0	0	0	63	67	0	0	8	2	0	0	0	10	11	0	0	0	0	0	0	0	0	0
11.5	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19	0	0	9	0	1	0	0	10	10.5	0	0	48	7	2	1	0	58	63.8	0	0	13	2	0	0	0	15	16	0	0	1	0	0	0	0	1	1
9.3	0	0	1	0	1	0	0	2	2.5	0	0	10	2	0	0	0	12	13	0	0	3	1	0	0	0	4	4.5	0	0	33	5	5	0	0	43	48	0	0	23	1	0	0	0	24	24.5	0	0	0	1	0	0	0	1	1.5
14.7	0	0	0	0	0	0	0	0	0	1	0	13	0	0	0	0	14	13.2	0	0	7	0	0	0	0	7	7	0	0	44	5	0	0	0	49	51.5	0	0	14	1	0	0	0	15	15.5	0	0	1	0	0	0	0	1	1
47.5	0	0	1	0	1	0	0	2	2.5	1	0	55	4	1	0	0	61	62.7	0	0	25	1	1	0	0	27	28	0	0	180	25	7	1	0	213	230.3	0	0	58	6	0	0	0	64	67	0	0	2	1	0	0	0	3	3.5
16	0	0	0	0	0	0	0	0	0	0	0	16	3	0	0	0	19	20.5	0	0	5	0	0	0	0	5	5	0	0	42	7	2	1	0	52	57.8	0	0	14	1	0	0	0	15	15.5	0	0	1	0	0	0	0	1	1
15.5	0	0	0	0	0	0	0	0	0	1	0	18	2	2	0	0	23	24.2	0	0	3	0	0	0	0	3	3	1	0	39	11	0	1	0	52	58	0	0	14	1	0	0	0	15	15.5	0	0	0	0	0	0	0	0	0
14.5	0	0	0	0	0	0	0	0	0	2	0	16	3	0	0	0	21	20.9	0	0	6	2	0	0	0	8	9	0	0	40	10	0	0	0	50	55	0	0	14	2	0	0	0	16	17	0	0	0	0	1	0	0	1	1.5
18.5	0	0	0	0	0	0	0	0	0	0	0	18	3	0	0	0	21	22.5	0	0	7	1	0	0	0	8	8.5	0	0	41	7	1	0	0	49	53	0	0	18	1	0	0	0	19	19.5	0	0	1	0	0	0	0	1	1
64.5	0	0	0	0	0	0	0	0	0	3	0	68	11	2	0	0	84	88.1	0	0	21	3	0	0	0	24	25.5	1	0	162	35	3	2	0	203	223.8	0	0	60	5	0	0	0	65	67.5	0	0	2	0	1	0	0	3	3.5
23.2	0	0	2	0	0	0	0	2	2	0	0	16	2	0	0	0	18	19	0	0	4	1	0	0	0	5	5.5	1	0	53	6	1	1	0	62	66	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	21	3	1	0	0	25	27	0	0	2	0	0	0	0	2	2	1	0	50	4	3	0	0	58	60.7	0	0	14	3	0	0	0	17	18.5	0	0	1	0	0	0	0	1	1
22.5	0	0	0	0	0	0	0	0	0	0	0	16	2	0	0	0	18	19	0	0	3	0	0	0	0	3	3	0	0	39	6	0	0	0	45	48	0	0	14	1	0	0	0	15	15.5	0	0	0	0	0	0	0	0	0
18.5	0	0	0	0	0	0	0	0	0	1	0	12	1	0	0	0	14	13.7	0	0	8	2	0	0	0	10	11	0	0	45	8	0	1	0	54	59.3	0	0	25	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0
76.7	0	0	2	0	0	0	0	2	2	1	0	65	8	1	0	0	75	78.7	0	0	17	3	0	0	0	20	21.5	2	0	187	24	4	2	0	219	234	0	0	75	4	0	0	0	79	81	0	0	1	0	0	0	0	1	1
20.9	0	0	1	0	0	0	0	1	1	1	0	23	4	0	0	1	29	31.2	0	0	11	0	0	0	0	11	11	1	1	43	9	0	1	0	55	59.4	0	0	15	2	1	0	0	18	19.5	0	0	1	0	0	0	0	1	1
17	0	0	0	0	0	0	0	0	0	0	0	26	2	0	0	0	28	29	0	0	12	0	0	0	0	12	12	1	0	56	14	2	1	0	74	82.5	0	0	24	3	0	0	0	27	28.5	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	18	2	1	0	0	21	22.5	0	0	5	0	0	0	0	5	5	1	0	68	6	0	1	0	76	79.5	0	0	19	3	0	0	0	22	23.5	0	0	0	0	0	0	0	0	0
24.5	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	24	24	0	0	10	2	0	0	0	12	13	0	1	66	8	1	0	0	76	79.9	0	0	29	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0
88.4	0	0	1	0	0	0	0	1	1	1	0	91	8	1	0	1	102	106.7	0	0	38	2	0	0	0	40	41	3	2	233	37	3	3	0	281	301.3	0	0	87	8	1	0	0	96	100.5	0	0	1	0	0	0	0	1	1
19	0	0	0	0	0	0	0	0	0	1	0	23	0	0	0	0	24	23.2	0	0	6	1	1	0	0	8	9	0	0	43	7	2	0	0	52	56.5	0	0	20	1	0	0	0	21	21.5	0	0	0	0	0	0	0	0	0
18.7	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	24	24	0	0	6	1	0	0	0	7	7.5	0	0	44	3	1	0	0	48	50	0	0	26	0	0	0	0	26	26	0	0	0	1	0	0	0	1	1.5
27.5	0	0	0	0	0	0	0	0	0	0	0	21	1	0	0	0	22	22.5	0	0	9	0	0	0	0	9	9	0	0	37	6	2	0	0	45	49	1	0	10	2	0	0	0	13	13.2	0	0	1	1	0	0	0	2	2.5
34.2	0	0	0	0	0	0	0	0	0	0	0	22	1	0	0	0	23	23.5	0	0	4	0	0	0	0	4	4	1	1	50	7	0	1	0	60	63.4	0	0	15	2	0	0	1	18	20	0	0	2	0	0	0	0	2	2
99.4	0	0	0	0	0	0	0	0	0	1	0	90	2	0	0	0	93	93.2	0	0	25	2	1	0	0	28	29.5	1	1	174	23	5	1	0	205	218.9	1	0	71	5	0	0	1	78	80.7	0	0	3	2	0	0	0	5	6
25.2	0	0	0	0	0	0	0	0	0	1	0	24	0	0	0	0	25	24.2	0	0	3	0	0	0	0	3	3	0	0	51	8	0	1	0	60	65.3	0	1	24	0	0	0	0	25	24.4	0	0	0	0	0	0	0	0	0
21.7	0	0	1	0	0	0	0	1	1	0	0	19	0	0	0	0	19	19	0	0	5	0	1	0	0	6	6.5	1	0	54	7	0	0	0	62	64.7	0	0	25	1	0	0	0	26	26.5	0	0	1	0	0	0	0	1	1
16.5	0	0	0	0	0	0	0	0	0	0	0	16	4	0	0	0	20	22	0	0	1	0	0	0	0	1	1	1	0	36	11	0	0	0	48	52.7	0	0	26	0	1	0	0	27	27.5	0	0	0	0	0	0	0	0	0
20.4	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	23	23	0	0	5	0	0	0	0	5	5	0	0	48	5	1	1	0	55	59.3	0	0	26	1	0	0	0	27	27.5	0	0	0	0	0	0	0	0	0
83.8	0	0	1	0	0	0	0	1	1	1	0	82	4	0	0	0	87	88.2	0	0	14	0	1	0	0	15	15.5	2	0	189	31	1	2	0	225	242	0	1	101	2	1	0	0	105	105.9	0	0	1	0	0	0	0	1	1
28.9	0	0	0	0	0	0	0	0	0	0	0	21	3	0	0	0	24	25.5	0	0	4	1	0	0	0	5	5.5	0	1	51	6	0	0	0	58	60.4	0	0	26	2	0	0	0	28	29	0	0	2	0	0	0	0	2	2
28.4	0	0	0	0	0	0	0	0	0	0	0	18	2	0	0	0	20	21	0	0	4	0	0	0	0	4	4	0	0	62	7	1	0	0	70	74	1	0	30	1	0	0	0	32	31.7	0	0	0	0	0	0	0	0	0
32.5	0	0	0	0	0	0	0	0	0	0	0	26	0	1	0	0	27	27.5	0	0	6	0	0	0	0	6	6	2	1	61	5	1	0	0	70	70.8	1	0	34	2	0	0	0	37	37.2	0	0	0	0	0	0	0	0	0
43.5	0	0	0	0	0	0	0	0	0	0	0	22	1	0	0	0	23	23.5	0	0	3	0	1	1	0	5	6.8	0	0	57	10	0	0	0	67	72	0	0	39	3	0	0	0	42	43.5	0	0	0	0	0	0	0	0	0
133.3	0	0	0	0	0	0	0	0	0	0	0	87	6	1	0	0	94	97.5	0	0	17	1	1	1	0	20	22.3	2	2	231	28	2	0	0	265	277.2	2	0	129	8	0	0	0	139	141.4	0	0	2	0	0	0	0	2	2
43.2	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27.5	1	0	3	0	0	0	0	4	3.2	1	1	82	3	0	0	0	87	87.1	0	0	35	1	0	0	0	36	36.5	0	0	3	0	0	0	0	3	3
40.2	0	0	1	0	0	0	0	1	1	0	0	20	1	0	0	0	21	21.5	0	0	2	0	0	0	0	2	2	1	0	68	4	0	0	0	73	74.2	1	0	32	1	0	0	0	34	33.7	0	0	0	0	0	0	0	0	0
37.1	0	0	1	0	0	0	0	1	1	1	0	29	1	0	0	0	31	30.7	2	0	6	1	0	0	0	9	7.9	3	2	67	5	0	0	0	77	75.9	0	0	38	3	0	0	0	41	42.5	0	0	0	0	0	0	0	0	0
39.7	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27.5	0	0	3	0	0	0	0	3	3	2	0	79	8	0	0	0	89	91.4	1	0	27	1	0	0	0	29	28.7	0	0	2	0	0	0	0	2	2
160.2	0	0	2	0	0	0	0	2	2	1	0	101	4	0	0	0	106	107.2	3	0	14	1	0	0	0	18	16.1	7	3	296	20	0	0	0	326	328.6	2	0	132	6	0	0	0	140	141.4	0	0	5	0	0	0	0	5	5
31.4	0	0	1	0	0	0	0	1	1	3	1	16	0	0	0	0	20	17	0	0	4	0	0	0	0	4	4	0	1	63	8	0	1	0	73	77.7	0	0	30	0	0	0	0	30	30	0	0	0	0	0	0	0	0	0
32.7	0	0	0	0	0	0	0	0	0	0	0	29	2	0	0	0	31	32	0	0	1	0	0	0	0	1	1	0	2	47	2	0	0	0	51	50.8	0	1	16	1	0	0	0	18	17.9	0	0	0	0	0	0	0	0	0
29.7	0	0	1	0	0	0	0	1	1	1	1	24	2	0	0	0	28	27.6	0	0	1	0	0	0	0	1	1	0	3	54	2	0	0	0	59	58.2	0	0	23	1	0	0	0	24	24.5	0	0	0	0	0	0	0	0	0
28.2	0	0	0	0	0	0	0	0	0	0	0	24	2	0	0	0	26	27	0	0	2	0	0	0	0	2	2	0	0	38	3	0	0	0	41	42.5	0	0	21	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0
122	0	0	2	0	0	0	0	2	2	4	2	93	6	0	0	0	105	103.6	0	0	8	0	0	0	0	8	8	0	6	202	15	0	1	0	224	229.2	0	1	90	2	0	0	0	93	93.4	0	0	0	0	0	0	0	0	0
1194	0	0	9	1	1	0	0	11	12	25	3	940	66	7	0	1	1042	1058	8	3	479	22	6	1	0	519	526.1	19	17	2478	324	36	19	0	2893	3072	5	2	997	68	5	0	1	1078	1110	0	0	20	3	1	0	0	24	26



IDASO

Survey Name: 029 19025 Northwood
Site: 6
Location: Forestwood Ave / Santry Ave
Date: 12-Feb-2019

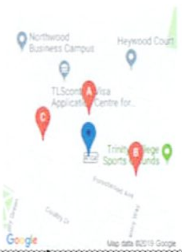
TIME	A1	A2	B1	B2	C1	C2
07:00	10	5	15	5	10	15
07:15	10	10	15	10	10	20
07:30	15	20	30	15	10	30
07:45	15	20	30	10	20	35
08:00	25	20	30	30	5	50
08:15	10	20	40	25	10	60
08:30	45	10	30	25	10	130
08:45	25	10	25	10	30	130
09:00	20	15	40	30	55	120
09:15	15	10	30	20	15	60
09:30	10	10	35	10	10	55
09:45	15	5	55	20	10	50
10:00	10	5	40	5	10	60
10:15	20	5	20	15	15	30
10:30	25	10	30	15	15	40
10:45	15	30	40	10	5	50
11:00	15	5	30	10	5	35
11:15	10	10	20	15	5	30
11:30	15	10	30	15	5	40
11:45	15	10	50	15	5	40
12:00	20	5	30	15	5	60
12:15	20	15	10	5	10	40
12:30	20	15	30	15	5	35
12:45	15	5	50	15	20	120

TIME	A1	A2	B1	B2	C1	C2
13:00	20	10	35	20	10	110
13:15	25	10	15	25	5	60
13:30	20	10	25	20	5	40
13:45	20	5	35	10	15	40
14:00	10	15	55	15	10	60
14:15	30	5	65	15	5	50
14:30	25	5	40	10	10	55
14:45	10	15	30	20	15	65
15:00	15	10	35	30	5	100
15:15	20	15	30	20	10	65
15:30	25	5	50	15	10	45
15:45	20	15	30	15	20	55
16:00	20	15	55	30	10	65
16:15	10	15	65	20	10	50
16:30	20	35	65	15	10	60
16:45	40	35	60	30	10	100
17:00	30	50	75	55	40	130+
17:15	40	40	110	45	15	100
17:30	30	60	120+	30	10	60
17:45	40	30	90	30	20	100
18:00	35	25	55	30	15	55
18:15	25	25	60	25	15	65
18:30	25	15	45	35	10	55
18:45	15	20	15	20	10	50

Queue's are measured in meters

	Cannot be seen from camera
+	Signifies queue stretches to a minimum length of x and beyond the view of the camera
#	Signifies queue stretches to the next significant junction
*	Indicates an estimated queue length due to obscured vision.

Queue lengths are compiled from CCTV observations and are therefore subject to the limitations of the camera view.



IDASO

Survey Name: 029 19025 Northwood
Site: 6
Location: Forestwood Ave / Santry Ave
Date: 12-Feb-2019

A => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	1	0	0	0	0	1	1
17:30	0	0	2	0	0	0	0	2	2
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	3	0	0	0	0	3	3
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12 TOT	0	0	3	0	0	0	0	3	3

A => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	1	7	0	0	0	0	8	7.4
07:15	1	0	10	1	0	0	0	12	11.7
07:30	0	0	23	0	0	0	0	23	23
07:45	2	0	25	4	0	0	0	31	31.4
H/TOT	3	1	65	5	0	0	0	74	73.5
08:00	4	0	32	0	1	0	0	37	34.3
08:15	3	0	23	2	0	0	0	28	26.6
08:30	1	0	42	1	0	0	0	44	43.7
08:45	3	0	42	2	0	0	0	47	45.6
H/TOT	11	0	139	5	1	0	0	156	150.2
09:00	1	0	16	0	0	0	0	17	16.2
09:15	0	0	22	4	0	0	0	26	28
09:30	0	0	14	4	0	0	0	18	20
09:45	1	0	17	1	0	0	0	19	18.7
H/TOT	2	0	69	9	0	0	0	80	82.9
10:00	0	0	14	1	0	0	0	15	15.5
10:15	1	0	19	2	1	0	0	23	23.7
10:30	3	0	24	3	0	0	0	30	29.1
10:45	4	0	16	2	0	0	0	22	19.8
H/TOT	8	0	73	8	1	0	0	90	88.1
11:00	2	0	27	0	1	0	0	30	28.9
11:15	1	1	27	1	1	0	0	31	30.6
11:30	1	0	20	4	0	0	0	25	26.2
11:45	0	0	24	0	0	0	0	24	24
H/TOT	4	1	98	5	2	0	0	110	109.7
12:00	2	0	29	0	0	0	0	31	29.4
12:15	0	0	32	2	1	0	0	35	36.5
12:30	0	0	22	1	0	0	0	23	23.5
12:45	2	0	27	1	0	0	0	30	28.9
H/TOT	4	0	110	4	1	0	0	119	118.3
13:00	2	0	26	1	0	0	0	29	27.9
13:15	2	0	42	3	0	0	0	47	46.9
13:30	0	0	34	2	0	0	0	36	37
13:45	0	0	27	1	0	0	0	28	28.5
H/TOT	4	0	129	7	0	0	0	140	140.3
14:00	2	0	22	1	0	0	0	25	23.9
14:15	1	0	31	0	0	0	0	32	31.2
14:30	1	0	23	4	0	0	0	28	29.2
14:45	1	0	20	2	0	0	0	23	23.2
H/TOT	5	0	96	7	0	0	0	108	107.5
15:00	1	2	31	1	0	0	0	35	33.5
15:15	2	0	21	0	0	0	0	23	21.4
15:30	1	0	42	0	1	0	0	44	43.7
15:45	4	0	24	0	0	0	0	28	24.8
H/TOT	8	2	118	1	1	0	0	130	123.4
16:00	0	0	32	3	0	0	0	35	36.5
16:15	3	0	29	3	1	0	0	36	35.6
16:30	3	0	35	4	0	0	0	42	41.6
16:45	2	0	37	0	0	0	0	39	37.4
H/TOT	8	0	133	10	1	0	0	152	151.1
17:00	1	0	44	2	0	0	0	47	47.2
17:15	3	0	50	3	0	0	0	56	55.1
17:30	1	0	51	3	0	0	0	55	55.7
17:45	3	0	48	2	0	0	0	53	51.6
H/TOT	8	0	193	10	0	0	0	211	209.6
18:00	6	0	41	1	0	0	0	48	43.7
18:15	2	0	30	3	0	0	0	35	34.9
18:30	3	0	31	2	0	0	0	36	34.6
18:45	1	0	22	0	0	0	0	23	22.2
H/TOT	12	0	124	6	0	0	0	142	135.4
12 TOT	77	4	1347	77	7	0	0	1512	1490

A => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	5	0	0	0	0	5	5
07:15	1	0	13	0	0	0	0	14	13.2
07:30	3	0	15	1	0	0	0	19	17.1
07:45	3	0	14	1	0	0	0	18	16.1
H/TOT	7	0	47	2	0	0	0	56	51.4
08:00	2	0	17	1	0	0	0	20	18.9
08:15	2	0	20	1	0	0	0	23	21.9
08:30	1	0	9	1	0	0	0	11	10.7
08:45	2	1	6	1	1	0	0	11	9.8
H/TOT	7	1	52	4	1	0	0	65	61.3
09:00	1	0	7	1	0	0	0	9	8.7
09:15	0	0	8	1	0	0	0	9	9.5
09:30	0	0	5	2	0	0	0	7	8
09:45	0	0	1	1	0	0	0	2	2.5
H/TOT	1	0	21	5	0	0	0	27	28.7
10:00	1	0	7	0	0	0	0	8	7.2
10:15	1	0	10	0	0	0	0	11	10.2
10:30	0	0	10	0	0	0	0	10	10
10:45	0	0	11	0	1	0	0	12	12.5
H/TOT	2	0	38	0	1	0	0	41	39.9
11:00	0	0	7	0	0	0	0	7	7
11:15	1	0	13	1	0	0	0	15	14.7
11:30	1	0	11	1	0	0	0	13	12.7
11:45	0	0	8	0	0	0	0	8	8
H/TOT	2	0	39	2	0	0	0	43	42.4
12:00	0	0	1	1	0	0	0	2	2.5
12:15	1	1	9	1	0	0	0	12	11.1
12:30	0	0	12	0	0	0	0	12	12
12:45	0	0	14	1	0	0	0	15	15.5
H/TOT	1	1	36	3	0	0	0	41	41.1
13:00	2	0	9	0	0	0	0	11	9.4
13:15	1	0	9	0	1	0	0	11	10.7
13:30	0	0	9	0	0	0	0	9	9
13:45	1	0	10	1	0	0	0	12	11.7
H/TOT	4	0	37	1	1	0	0	43	40.8
14:00	1	0	11	0	0	0	0	12	11.2
14:15	0	0	7	0	0	0	0	7	7
14:30	0	0	7	2	0	0	0	9	10
14:45	1	0	9	0	0	0	1	11	11.2
H/TOT	2	0	34	2	0	0	1	39	39.4
15:00	0	0	7	0	0	0	0	7	7
15:15	0	0	10	0	0	0	0	10	10
15:30	1	0	7	0	0	0	0	8	7.2
15:45	0	0	14	0	1	0	0	15	15.5
H/TOT	1	0	38	0	1	0	0	40	39.7
16:00	0	0	20	0	0	0	0	20	20
16:15	1	0	17	2	0	0	0	20	20.2
16:30	4	0	31	0	0	0	0	35	31.8
16:45	2	0	41	0	0	0	0	43	41.4
H/TOT	7	0	109	2	0	0	0	118	113.4
17:00	2	1	51	2	0	0	0	56	54.8
17:15	2	0	27	2	0	0	0	31	30.4
17:30	0	0	54	0	0	0	0	54	54
17:45	2	0	35	0	0	0	0	37	35.4
H/TOT	6	1	167	4	0	0	0	178	174.6
18:00	3	0	17	0	0	0	0	20	17.6
18:15	1	0	21	4	0	0	0	26	27.2
18:30	1	0	18	0	0	0	0	19	18.2
18:45	0	0	23	1	0	0	0	24	24.5
H/TOT	5	0	79	5	0	0	0	89	87.5
12 TOT	45	3	697	30	4	0	1	780	760.2

B => A

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	15	0	0	0	0	15	15
07:15	2	0	14	3	0	0	0	19	18.9
07:30	3	0	25	3	0	0	0	31	30.1
07:45	0	1	29	2	0	0	0	32	32.4
H/TOT	5	1	83	8	0	0	0	97	96.4
08:00	3	0	22	1	0	0	1	27	26.1
08:15	0	2	24	0	0	0	0	26	24.8
08:30	2	0	31	1	0	0	0	34	32.9
08:45	2	0	37	3	0	0	0	42	41.9
H/TOT	7	2	114	5	0	0	1	129	125.7
09:00	1	0	55	3	0	0	0	59	59.7
09:15	2	0	38	2	0	0	0	42	41.4
09:30	0	0	26	2	0	0	0	28	29
09:45	1	0	34	3	0	0	0	38	38.7
H/TOT	4	0	153	10	0	0	0	167	168.8
10:00	1	0	10	4	1	0	0	16	17.7
10:15	0	0	18	1	1	0	0	20	21
10:30	0	0	14	1	0	0	0	15	15.5
10:45	1	0	26	0	0	0	0	27	26.2
H/TOT	2	0	68	6	2	0	0	78	80.4
11:00	2	0	25	3	2	0	0	32	32.9
11:15	1	0	30	3	1	0	0	35	36.2
11:30	2	1	25	3	0	0	0	31	30.3
11:45	0	0	17	3	1	0	0	21	23
H/TOT	5	1	97	12	4	0	0	119	122.4
12:00	0	0	21	1	0	0	0	22	22.5
12:15	0	0	23	1	1	0	0	25	26
12:30	1	1	24	3	1	0	0	30	30.6
12:45	0	0	38	2	0	0	0	40	41
H/TOT	1	1	106	7	2	0	0	117	120.1
13:00	0	0	29	3	0	0	0	32	33.5
13:15	1	0	33	3	0	0	0	37	37.7
13:30	4	0	31	6	0	0	0	41	40.8
13:45	0	0	21	3	0	0	0	24	25.5
H/TOT	5	0	114	15	0	0	0	134	137.5
14:00	4	0	31	2	0	0	0	37	34.8
14:15	0	0	27	2	0	0	0	29	30
14:30	0	0	25	1	0	0	0	26	26.5
14:45	1	0	42	1	0	0	0	44	43.7
H/TOT	5	0	125	6	0	0	0	136	135
15:00	3	0	26	0	0	0	0	29	26.6
15:15	2	0	35	1	0	0	0	38	36.9
15:30	0	0	24	1	0	0	0	25	25.5
15:45	3	0	27	1	0	0	0	31	29.1
H/TOT	8	0	112	3	0	0	0	123	118.1
16:00	2	0	27	4	0	0	0	33	33.4
16:15	4	0	38	1	0	0	0	43	40.3
16:30	4	0	35	0	1	0	0	40	37.3
16:45	3	0	32	3	0	0	0	38	37.1
H/TOT	13	0	132	8	1	0	0	154	148.1
17:00	6	0	43	1	0	0	0	50	45.7
17:15	1	0	39	5	0	0	0	45	46.7
17:30	2	0	41	3	1	0	0	47	47.4
17:45	2	0	42	1	0	0	0	45	43.9
H/TOT	11	0	165	10	1	0	0	187	183.7
18:00	1	1	32	2	0	0	0	36	35.6
18:15	5	0	26	1	0	0	0	32	28.5
18:30	0	0	38	1	0	0	0	39	39.5
18:45	1	0	25	2	0	0	0	28	28.2
H/TOT	7	1	121	6	0	0	0	135	131.8
12 TOT	73	6	1390	96	10	0	1	1576	1568

B => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0
12:45	0	0	1	0	0	0	0	1	1
H/TOT	0	0	1	0	0	0	0	1	1
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
14:00	0	0	0	1	0	0	0	1	1.5
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	1	0	0	0	1	1.5
15:00	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12 TOT	0	0	1	1	0	0	0	2	2.5

B => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	2	0	43	6	0	1	1	53	56.7
07:15	5	1	67	8	1	0	1	83	83.9
07:30	3	0	84	6	0	0	2	95	97.6
07:45	1	3	78	6	0	0	1	89	90.4
H/TOT	11	4	272	26	1	1	5	320	328.6
08:00	3	0	88	15	3	1	1	111	119.9
08:15	5	1	77	12	2	2	3	102	110
08:30	1	1	92	8	2	1	0	105	109.9
08:45	2	0	91	10	2	1	1	107	113.7
H/TOT	11	2	348	45	9	5	5	425	453.5
09:00	0	2	69	9	7	0	1	88	95.8
09:15	0	1	70	12	0	0	3	86	94.4
09:30	2	0	78	12	3	1	1	97	105.2
09:45	0	0	71	22	3	1	1	98	112.8
H/TOT	2	3	288	55	13	2	6	369	408.2
10:00	0	0	67	15	3	1	2	88	100.3
10:15	0	0	57	9	6	1	1	74	83.8
10:30	0	0	56	14	4	1	1	76	87.3
10:45	2	0	64	14	3	2	1	86	96.5
H/TOT	2	0	244	52	16	5	5	324	367.9
11:00	3	0	61	13	3	1	3	84	93.9
11:15	1	0	77	13	4	0	2	97	106.7
11:30	1	0	59	11	1	0	1	73	79.2
11:45	0	0	58	10	1	1	1	71	78.8
H/TOT	5	0	255	47	9	2	7	325	358.6
12:00	0	1	79	13	2	3	0	98	108.8
12:15	1	0	65	11	1	0	1	79	85.2
12:30	3	0	73	11	3	1	1	92	98.9
12:45	2	0	65	13	4	1	1	86	95.2
H/TOT	6	1	282	48	10	5	3	355	388.1
13:00	2	0	66	10	0	0	0	78	81.4
13:15	1	0	69	9	6	0	1	86	93.7
13:30	0	0	101	7	4	2	1	115	124.1
13:45	1	0	73	11	3	0	1	89	96.2
H/TOT	4	0	309	37	13	2	3	368	395.4
14:00	2	0	77	15	1	1	1	97	105.7
14:15	2	0	84	12	3	0	0	101	106.9
14:30	1	2	66	6	1	0	0	76	77.5
14:45	0	0	73	9	4	2	2	90	101.1
H/TOT	5	2	300	42	9	3	3	364	391.2
15:00	1	0	75	16	4	1	2	99	111.5
15:15	1	0	91	13	3	0	0	108	115.2
15:30	4	0	86	14	1	1	2	108	115.6
15:45	0	0	84	6	2	0	1	93	98
H/TOT	6	0	336	49	10	2	5	408	440.3
16:00	6	1	96	5	1	1	1	111	110.9
16:15	0	0	108	13	2	1	0	124	132.8
16:30	1	1	101	10	1	2	1	117	124.7
16:45	3	0	107	18	3	1	1	133	143.4
H/TOT	10	2	412	46	7	5	3	485	511.8
17:00	0	0	148	11	1	0	0	160	166
17:15	3	1	113	13	1	0	2	133	139
17:30	3	1	111	4	1	1	1	122	123.8
17:45	5	1	97	9	3	1	1	117	120.7
H/TOT	11	3	469	37	6	2	4	532	549.5
18:00	2	1	102	4	1	1	3	114	118.6
18:15	1	1	85	4	0	0	1	92	93.6
18:30	0	1	77	7	0	0	0	85	87.9
18:45	1	0	71	5	0	0	1	78	80.7
H/TOT	4	3	335	20	1	1	5	369	380.8
12 TOT	77	20	3850	504	104	35	54	4644	4974

C => A

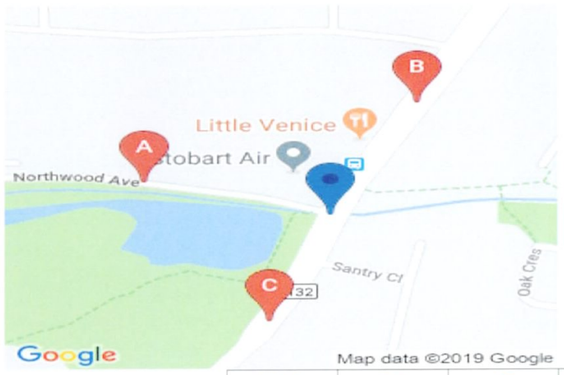
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	1	0	13	0	0	0	0	14	13.2
07:15	3	0	24	0	0	0	0	27	24.6
07:30	3	0	20	3	1	0	0	27	26.6
07:45	1	0	27	3	0	0	0	31	31.7
H/TOT	8	0	84	6	1	0	0	99	96.1
08:00	7	0	26	5	0	0	0	38	34.9
08:15	3	0	31	5	0	0	0	39	39.1
08:30	1	0	26	1	0	0	0	28	27.7
08:45	1	0	39	1	0	0	0	41	40.7
H/TOT	12	0	122	12	0	0	0	146	142.4
09:00	1	0	32	4	0	0	0	37	38.2
09:15	3	0	30	1	0	0	0	34	32.1
09:30	1	0	12	2	0	0	0	15	15.2
09:45	0	0	16	1	1	0	0	18	19
H/TOT	5	0	90	8	1	0	0	104	104.5
10:00	2	0	13	0	0	0	0	15	13.4
10:15	0	0	15	3	0	0	0	18	19.5
10:30	2	0	13	1	0	0	0	16	14.9
10:45	2	1	12	2	1	0	0	18	17.3
H/TOT	6	1	53	6	1	0	0	67	65.1
11:00	1	0	9	1	1	0	0	12	12.2
11:15	0	0	10	4	1	0	0	15	17.5
11:30	0	0	14	1	0	0	0	15	15.5
11:45	0	1	12	1	0	0	0	14	13.9
H/TOT	1	1	45	7	2	0	0	56	59.1
12:00	1	0	10	2	0	0	0	13	13.2
12:15	0	0	9	2	0	0	0	11	12
12:30	1	0	10	2	0	0	0	13	13.2
12:45	0	0	13	0	1	0	1	15	16.5
H/TOT	2	0	42	6	1	0	1	52	54.9
13:00	1	0	24	2	0	0	0	27	27.2
13:15	0	0	11	0	1	0	0	12	12.5
13:30	1	0	11	2	1	0	0	15	15.7
13:45	0	0	24	0	0	0	0	24	24
H/TOT	2	0	70	4	2	0	0	78	79.4
14:00	0	0	16	1	0	0	0	17	17.5
14:15	1	0	9	2	0	0	0	12	12.2
14:30	0	0	15	6	0	0	0	21	24
14:45	1	0	28	5	0	0	0	34	35.7
H/TOT	2	0	68	14	0	0	0	84	89.4
15:00	0	0	26	2	2	0	0	30	32
15:15	1	0	24	0	0	0	1	26	26.2
15:30	0	0	12	2	0	0	0	14	15
15:45	1	0	21	5	0	0	0	27	28.7
H/TOT	2	0	83	9	2	0	1	97	101.9
16:00	1	0	16	2	1	0	1	21	22.7
16:15	1	0	26	5	0	0	0	32	33.7
16:30	0	0	26	1	0	0	0	27	27.5
16:45	1	0	37	2	0	0	0	40	40.2
H/TOT	3	0	105	10	1	0	1	120	124.1
17:00	1	0	33	4	0	0	0	38	39.2
17:15	1	0	35	2	0	0	0	38	38.2
17:30	1	1	18	0	0	0	0	20	18.6
17:45	0	0	27	3	0	0	0	30	31.5
H/TOT	3	1	113	9	0	0	0	126	127.5
18:00	3	0	27	3	0	0	0	33	32.1
18:15	1	0	30	3	0	0	0	34	34.7
18:30	3	0	27	1	0	0	0	31	29.1
18:45	1	0	27	1	0	0	0	29	28.7
H/TOT	8	0	111	8	0	0	0	127	124.6
12 TOT	54	3	986	99	11	0	3	1156	1169

C => B

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	1	0	44	9	3	0	1	58	64.2
07:15	2	0	47	9	2	1	0	61	66.2
07:30	1	0	70	7	7	1	1	87	95.5
07:45	4	0	82	16	3	2	1	108	117.9
H/TOT	8	0	243	41	15	4	3	314	343.8
08:00	4	1	76	12	1	0	1	95	98.7
08:15	2	0	94	15	5	0	1	117	126.4
08:30	1	0	110	10	6	0	0	127	134.2
08:45	3	1	101	11	2	0	2	120	125.5
H/TOT	10	2	381	48	14	0	4	459	484.8
09:00	0	1	81	10	3	1	1	97	105.2
09:15	0	0	80	6	4	0	2	92	99
09:30	4	0	75	11	1	1	0	92	96.1
09:45	0	1	65	13	6	3	2	90	104.8
H/TOT	4	2	301	40	14	5	5	371	405.1
10:00	0	0	65	15	3	1	0	84	94.3
10:15	0	0	53	14	1	0	1	69	77.5
10:30	0	0	52	10	2	0	1	65	72
10:45	1	0	51	15	2	2	0	71	81.3
H/TOT	1	0	221	54	8	3	2	289	325.1
11:00	1	0	46	16	3	0	1	67	76.7
11:15	0	0	61	7	2	2	0	72	79.1
11:30	2	0	67	12	1	3	0	85	93.8
11:45	0	0	64	9	3	1	1	78	86.3
H/TOT	3	0	238	44	9	6	2	302	335.9
12:00	2	0	71	11	5	1	2	92	101.7
12:15	0	1	64	11	1	0	1	78	84.4
12:30	2	0	65	8	5	0	1	81	86.9
12:45	0	0	69	12	4	2	0	87	97.6
H/TOT	4	1	269	42	15	3	4	338	370.6
13:00	1	1	69	14	3	2	0	90	99.7
13:15	1	0	62	6	3	1	3	76	84
13:30	0	0	69	7	2	1	1	80	86.8
13:45	0	0	68	11	4	0	0	83	90.5
H/TOT	2	1	268	38	12	4	4	329	361
14:00	0	0	74	14	1	0	1	90	98.5
14:15	0	0	50	10	4	3	2	69	81.9
14:30	0	1	60	14	1	0	1	77	84.9
14:45	1	0	71	12	1	1	1	87	95
H/TOT	1	1	255	50	7	4	5	323	360.3
15:00	0	0	74	20	3	0	0	97	108.5
15:15	3	0	79	6	0	0	1	89	90.6
15:30	2	0	59	7	1	1	0	70	73.7
15:45	2	2	75	9	2	2	1	93	99.3
H/TOT	7	2	287	42	6	3	2	349	372.1
16:00	1	0	93	12	1	0	1	108	114.7
16:15	1	0	77	10	2	1	0	91	97.5
16:30	3	0	72	12	1	0	1	89	94.1
16:45	3	1	67	11	2	1	2	87	93.8
H/TOT	8	1	309	45	6	2	4	375	400.1
17:00	5	1	99	13	1	0	0	119	121.4
17:15	6	3	94	11	1	0	2	117	118.4
17:30	1	1	95	8	2	0	1	108	112.6
17:45	2	1	93	9	0	0	1	106	109.3
H/TOT	14	6	381	41	4	0	4	450	461.7
18:00	1	1	83	7	1	1	1	95	99.9
18:15	0	1	76	6	1	0	0	84	86.9
18:30	1	1	89	3	1	0	1	96	97.6
18:45	5	0	90	5	0	0	2	102	102.5
H/TOT	7	3	338	21	3	1	4	377	386.9
12 TOT	69	19	3491	506	113	35	43	4276	4607

C => C

TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0



IDASO

Survey Name: 029 19025 Northwood
Site: 7
Location: Northwood Ave / Swords Rd
Date: 12-Feb-2019

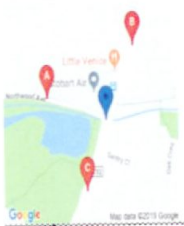
TIME	A1	A2	B1	B2	B3	C1	C2
07:00	25	30	20	25	10	15	25
07:15	25	30	40	50	15	25	40
07:30	20	45	45	150	20	35	100
07:45	45	50	40	70	50	30	110
08:00	35	40	30	130	40	45	120
08:15	55	45	50	180+	30	35	70
08:30	60	55	30	80	50	50	200+
08:45	85	50	20	70	45	40	200+
09:00	40	30	15	150	30	60	120
09:15	60	55	20	100	25	50	200+
09:30	50	30	15	65	20	40	60
09:45	30	25	15	70	20	30	110
10:00	30	25	30	55	15	45	60
10:15	35	30	15	50	25	40	80
10:30	30	35	25	130	15	25	40
10:45	30	50	15	60	10	20	50
11:00	20	35	20	55	25	20	45
11:15	30	40	20	100	30	45	70
11:30	50	35	15	70	15	30	100
11:45	35	40	20	80	20	25	80
12:00	40	25	10	80	30	20	50
12:15	30	50	20	90	20	30	100
12:30	30	40	30	180+	50	30	60
12:45	25	30	30	180+	40	30	110
13:00	30	30	30	180+	60	30	105
13:15	30	50	20	135	20	50	80
13:30	50	45	30	130	20	30	120
13:45	35	25	20	100	20	30	130
14:00	30	50	15	145	20	60	80
14:15	35	55	15	130	20	35	70
14:30	40	40	20	70	25	30	120
14:45	45	50	15	60	35	45	70
15:00	35	30	15	70	25	40	90
15:15	50	30	30	55	25	30	80
15:30	30	45	20	120	60	45	110
15:45	30	20	20	75	15	40	90
16:00	35	45	20	180+	30	40	50
16:15	40	100	20	130	30	30	60
16:30	40	125	15	150	30	40	80
16:45	35	170	10	150	25	30	65
17:00	50	200+	10	180+	55	50	170
17:15	50	200+	150	180+	70	50	170
17:30	55	200+	40	180+	55	40	120
17:45	50	200+	75	180+	70	40	130
18:00	60	150	40	180+	50	60	130
18:15	30	40	50	135	20	30	70
18:30	40	60	20	90	30	20	30
18:45	25	40	15	60	20	20	40

Queue's are measured in meters

	Cannot be seen from camera
+	Signifies queue stretches to a minimum length of x and beyond the view of the camera
#	Signifies queue stretches to the next significant junction
*	Indicates an estimated queue length due to obscured vision.

Queue lengths are compiled from CCTV observations and are therefore subject to the limitations of the camera view.

IDASO



Survey Name: 029 19025 Northwood
Site: 7
Location: Northwood Ave / Swords Rd
Date: 12-Feb-2019

	A => A									A => B									A => C								
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	8	3	0	0	1	12	14.5	4	0	25	3	1	0	0	33	31.8
07:15	0	0	0	0	0	0	0	0	0	0	0	14	7	0	0	0	21	24.5	2	0	23	6	0	0	0	31	32.4
07:30	0	0	0	0	0	0	0	0	0	0	0	40	5	2	0	1	48	52.5	0	0	46	2	0	0	0	48	49
07:45	0	0	0	0	0	0	0	0	0	0	0	45	7	0	0	0	52	55.5	2	1	41	3	0	0	0	47	46.3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	107	22	2	0	2	133	147	8	1	135	14	1	0	0	159	159.5
08:00	0	0	0	0	0	0	0	0	0	0	1	28	5	1	0	2	37	41.4	0	1	47	0	0	0	1	49	49.4
08:15	0	0	0	0	0	0	0	0	0	0	0	38	10	1	0	0	49	54.5	1	0	57	1	1	0	0	60	60.2
08:30	0	0	0	0	0	0	0	0	0	0	0	55	6	0	0	1	62	66	0	0	57	6	0	0	0	63	66
08:45	0	0	0	0	0	0	0	0	0	0	0	61	4	1	0	0	66	68.5	1	0	37	4	0	0	0	42	43.2
H/TOT	0	0	0	0	0	0	0	0	0	0	1	182	25	3	0	3	214	230.4	2	1	198	11	1	0	1	214	218.8
09:00	0	0	0	0	0	0	0	0	0	0	0	34	7	1	0	1	43	48	0	0	39	3	0	0	0	42	43.5
09:15	0	0	0	0	0	0	0	0	0	0	0	34	9	1	0	0	44	49	2	1	53	3	0	1	0	60	60.6
09:30	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	1	28	29	1	0	23	5	0	0	0	29	30.7
09:45	0	0	0	0	0	0	0	0	0	0	0	19	7	1	0	0	27	31	0	0	29	2	0	0	0	31	32
H/TOT	0	0	0	0	0	0	0	0	0	0	0	114	23	3	0	2	142	157	3	1	144	13	0	1	0	162	166.8
10:00	0	0	0	0	0	0	0	0	0	0	0	30	4	1	0	1	36	39.5	0	0	19	7	0	0	0	26	29.5
10:15	0	0	0	0	0	0	0	0	0	0	0	25	5	1	0	0	31	34	0	0	24	3	0	0	0	27	28.5
10:30	0	0	0	0	0	0	0	0	0	0	0	16	7	4	0	1	28	34.5	0	0	27	1	0	0	0	28	28.5
10:45	0	0	0	0	0	0	0	0	0	0	0	20	5	1	0	0	26	29	0	0	31	2	1	0	0	34	35.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	91	21	7	0	2	121	137	0	0	101	13	1	0	0	115	122
11:00	0	0	0	0	0	0	0	0	0	0	0	18	3	0	0	1	22	24.5	0	0	32	3	1	0	0	36	38
11:15	0	0	0	0	0	0	0	0	0	0	0	29	11	2	0	0	42	48.5	0	0	31	3	0	0	0	34	35.5
11:30	0	0	0	0	0	0	0	0	0	0	0	29	5	0	0	1	35	38.5	0	0	27	3	0	0	0	30	31.5
11:45	0	0	0	0	0	0	0	0	0	0	0	21	2	1	0	0	24	25.5	0	0	39	3	0	0	0	42	43.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	97	21	3	0	2	123	137	0	0	129	12	1	0	0	142	148.5
12:00	0	0	0	0	0	0	0	0	0	0	0	26	4	0	0	1	31	34	0	0	40	4	1	0	0	45	47.5
12:15	0	0	0	0	0	0	0	0	0	0	0	25	2	3	0	0	30	32.5	1	1	42	5	0	0	0	49	50.1
12:30	0	0	0	0	0	0	0	0	0	0	0	26	4	0	0	1	31	34	0	0	45	1	0	0	0	46	46.5
12:45	0	0	0	0	0	0	0	0	0	0	0	25	5	0	1	0	31	34.8	0	0	40	2	0	0	0	42	43
H/TOT	0	0	0	0	0	0	0	0	0	0	0	102	15	3	1	2	123	135.3	1	1	167	12	1	0	0	182	187.1
13:00	0	0	0	0	0	0	0	0	0	0	0	25	2	0	0	1	28	30	1	2	38	1	0	0	0	42	40.5
13:15	0	0	0	0	0	0	0	0	0	0	0	27	1	2	0	0	30	31.5	0	0	41	7	1	0	0	49	53
13:30	0	0	0	0	0	0	0	0	0	0	0	40	6	0	0	1	47	51	0	0	33	1	0	0	0	34	34.5
13:45	0	0	0	0	0	0	0	0	0	0	1	43	6	0	0	0	50	52.4	0	0	36	3	0	0	0	39	40.5
H/TOT	0	0	0	0	0	0	0	0	0	0	1	135	15	2	0	2	155	164.9	1	2	148	12	1	0	0	164	168.5
14:00	0	0	0	0	0	0	0	0	0	0	0	24	5	3	0	1	33	38	0	0	44	2	0	0	0	46	47
14:15	0	0	0	0	0	0	0	0	0	0	0	30	5	1	0	0	36	39	0	0	48	2	0	0	0	50	51
14:30	0	0	0	0	0	0	0	0	0	0	0	25	9	1	0	1	36	42	0	1	36	1	0	0	0	38	37.9
14:45	0	0	0	0	0	0	0	0	0	0	0	29	5	0	0	0	34	36.5	0	0	26	4	1	0	0	31	33.5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	108	24	5	0	2	139	155.5	0	1	154	9	1	0	0	165	169.4
15:00	0	0	0	0	0	0	0	0	0	0	1	30	6	0	0	1	38	41.4	0	0	39	5	1	0	0	45	48
15:15	0	0	0	0	0	0	0	0	0	0	0	29	5	0	0	0	34	36.5	0	0	37	3	0	0	1	41	43.5
15:30	0	0	0	0	0	0	0	0	0	0	0	29	8	0	0	1	38	43	0	0	44	2	0	0	0	46	47
15:45	0	0	0	0	0	0	0	0	0	0	0	28	9	2	0	1	40	46.5	0	0	44	7	0	0	0	51	54.5
H/TOT	0	0	0	0	0	0	0	0	0	0	1	116	28	2	0	3	150	167.4	0	0	164	17	1	0	1	183	193
16:00	0	0	0	0	0	0	0	0	0	0	0	29	1	1	0	1	32	34	0	0	59	5	0	0	0	64	66.5
16:15	0	0	0	0	0	0	0	0	0	0	0	30	8	2	0	0	40	45	0	0	57	3	0	0	0	60	61.5
16:30	0	0	0	0	0	0	0	0	0	0	0	31	3	1	0	1	36	39	0	2	71	3	0	0	0	76	76.3
16:45	0	0	0	0	0	0	0	0	0	0	0	41	4	0	0	0	45	47	1	0	54	4	0	0	0	59	60.2
H/TOT	0	0	0	0	0	0	0	0	0	0	0	131	16	4	0	2	153	165	1	2	241	15	0	0	0	259	264.5
17:00	0	0	0	0	0	0	0	0	0	0	1	36	6	0	0	1	44	47.4	0	0	52	1	0	0	0	53	53.5
17:15	0	0	0	0	0	0	0	0	0	0	0	55	3	0	0	0	58	59.5	1	1	74	2	0	0	0	78	77.6
17:30	0	0	0	0	0	0	0	0	0	0	0	40	3	1	0	1	45	48	1	0	64	2	0	0	0	67	67.2
17:45	0	0	0	0	0	0	0	0	0	0	0	33	5	0	0	0	38	40.5	2	0	75	4	0	0	0	81	81.4
H/TOT	0	0	0	0	0	0	0	0	0	0	1	164	17	1	0	2	185	195.4	4	1	265	9	0	0	0	279	279.7
18:00	0	0	0	0	0	0	0	0	0	0	0	38	3	0	1	1	43	46.8	3	1	66	7	0	0	0	77	77.5
18:15	0	0	0	0	0	0	0	0	0	0	1	19	1	0	0	0	21	20.9	0	0	38	1	0	0	0	39	39.5
18:30	0	0	0	0	0	0	0	0	0	0	2	19	1	0	0	1	23	23.3	1	0	45	3	0	0	0	49	49.7
18:45	0	0	0	0	0	0	0	0	0	0	0	29	3	0	0	1	33	35.5	2	1	44	5	0	0	0	52	52.3
H/TOT	0	0	0	0	0	0	0	0	0	0	3	105	8	0	1	3	120	126.5	6	2	193	16	0	0	0	217	219
12 TOT	0	0	0	0	0	0	0	0	0	0	7	1452	235	35	2	27	1758	1918	26	12	2039	153	8	1	2	2241	2297

	B => A									B => B									B => C								
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	3	0	6	3	0	0	0	12	11.1	0	0	0	0	0	0	0	0	0	10	0	60	12	6	0	8	96	105
07:15	0	0	21	7	1	0	2	31	37	0	0	0	0	0	0	0	0	0	6	2	72	12	7	0	8	107	118.5
07:30	1	0	20	5	0	0	0	26	27.7	0	0	0	0	0	0	0	0	0	3	0	93	19	3	4	8	130	151.8
07:45	1	0	36	9	0	0	1	47	51.7	0	0	0	0	0	0	0	0	0	5	3	78	15	6	1	7	115	128
H/TOT	5	0	83	24	1	0	3	116	127.5	0	0	0	0	0	0	0	0	0	24	5	303	58	22	5	31	448	503.3
08:00	1	0	39	4	0	0	0	44	45.2	0	0	0	0	0	0	0	0	0	10	2	100	13	3	2	6	136	143.4
08:15	1	0	39	3	1	0	1	45	47.2	0	0	0	0	0	0	0	0	0	12	3	92	11	4	5	5	132	139.6
08:30	0	0	36	5	1	0	0	42	45	0	0	0	0	0	0	0	0	0	13	2	84	20	4	0	8	131	139.4
08:45	0	0	28	3	0	0	1	32	34.5	0	0	0	0	0	0	0	0	0	1	1	82	11	7	2	4	108	122.2
H/TOT	2	0	142	15	2	0	2	163	171.9	0	0	0	0	0	0	0	0	0	36	8	358	55	18	9	23	507	544.6
09:00	0	0	33	20	3	0	0	56	67.5	0	0	0	0	0	0	0	0	0	5	1	97	34	6	2	5	150	173
09:15	0	0	13	5	0	0	1	19	22.5	0	0	0	0	0	0	0	0	0	1	2	80	25	5	2	6	121	142.6
09:30	0	0	24	7	0	0	0	31	34.5	0	0	0	0	0	0	0	0	0	1	0	67	25	11	0	8	112	137.2
09:45	0	0	18	7	0	0	1	26	30.5	0	0	0	0	0	0	0	0	0	0	0	71	26	6	1	6	110	133.3
H/TOT	0	0	88	39	3	0	2	132	155	0	0	0	0	0	0	0	0	0	7	3	315	110	28	5	25	493	586.1
10:00	0	0	19	9	0	0	0	28	32.5	0	0	0	0	0	0	0	0	0	1	1	69	14	6	3	6	100	118.5
10:15	0	0	27	6	1	0	1	35	39.5	0	0	0	0	0	0	0	0	0	2	1	76	29	5	0	4	117	135.8
10:30	0	0	25	4	0	0	0	29	31	0	0	0	0	0	0	0	0	0	1	1	70	29	8	3	6	118	145
10:45	0	0	20	3	0	0	1	24	26.5	0	0	0	0	0	0	0	0	0	2	2	90	32	6	4	5	141	167.4
H/TOT	0	0	91	22	1	0	2	116	129.5	0	0	0	0	0	0	0	0	0	6	5	305	104	25	10	21	476	566.7
11:00	0	0	28	3	0	0	0	31	32.5	0	0	0	0	0	0	0	0	0	0	0	79	22	5	1	6	113	133.8
11:15	0	0	15	7	1	0	1	24	29	0	0	0	0	0	0	0	0	0	3	3	84	30	9	0	3	132	150.3
11:30	0	0	21	2	0	0	0	23	24	0	0	0	0	0	0	0	0	0	2	2	83	30	8	3	6	134	160.1
11:45	0	0	22	4	0	0	1	27	30	0	0	0	0	0	0	0	0	0	1	2	90	16	8	0	7	124	141
H/TOT	0	0	86	16	1	0	2	105	115.5	0	0	0	0	0	0	0	0	0	6	7	336	98	30	4	22	503	585.2
12:00	0	1	30	3	0	0	0	34	34.9	0	0	0	0	0	0	0	0	0	3	1	96	27	6	2	5	140	161.1
12:15	0	0	22	1	0	1	1	25	27.8	0	0	0	0	0	0	0	0	0	4	1	127	21	5	5	8	171	194.7
12:30	0	0	40	3	0	0	0	43	44.5	0	0	0	0	0	0	0	0	0	5	1	120	17	2	1	5	151	162.2
12:45	0	0	29	8	0	0	1	38	43	0	0	0	0	0	0	0	0	0	2	2	136	12	7	4	4	167	182.9
H/TOT	0	1	121	15	0	1	2	140	150.2	0	0	0	0	0	0	0	0	0	14	5	479	77	20	12	22	629	700.9
13:00	0	0	58	8	0	0	0	66	70	0	0	0	0	0	0	0	0	0	3	0	140	24	8	5	4	184	208.1
13:15	0	0	27	2	1	0	1	31	33.5	0	0	0	0	0	0	0	0	0	1	0	92	16	7	2	7	125	145.3
13:30	1	0	28	3	1	0	0	33	34.2	0	0	0	0	0	0	0	0	0	4	0	92	25	6	2	4	133	151.9
13:45	0	0	28	6	0	0	1	35	39	0	0	0	0	0	0	0	0	0	0	0	104	20	3	0	6	133	150.5
H/TOT	1	0	141	19	2	0	2	165	176.7	0	0	0	0	0	0	0	0	0	8	0	428	85	24	9	21	575	655.8
14:00	3	1	32	5	0	0	0	41	40.5	0	0	0	0	0	0	0	0	0	4	1	131	14	4	1	4	159	169.5
14:15	2	1	22	5	0	0	1	31	32.3	0	0	0	0	0	0	0	0	0	3	2	109	19	5	3	4	145	161.3
14:30	0	0	26	4	0	0	0	30	32	0	0	0	0	0	0	0	0	0	1	3	96	24	4	0	5	133	149.4
14:45	0	0	24	3	2	0	1	30	33.5	0	0	0	0	0	0	0	0	0	0	0	85	23	7	1	4	120	140.3
H/TOT	5	2	104	17	2	0	2	132	138.3	0	0	0	0	0	0	0	0	0	8	6	421	80	20	5	17	557	620.5
15:00	3	1	29	1	0	0	0	34	31.5	0	0	0	0	0	0	0	0	0	5	0	118	17	1	4	7	152	169.2
15:15	0	0	27	4	1	0	1	33	36.5	0	0	0	0	0	0	0	0	0	4	2	104	16	3	1	8	138	152.4
15:30	1	0	44	2	0	0	0	47	47.2	0	0	0	0	0	0	0	0	0	5	2	106	19	7	0	8	147	162.8
15:45	2	0	24	3	1	0	1	31	32.4	0	0	0	0	0	0	0	0	0	3	0	96	24	5	2	4	134	152.7
H/TOT	6	1	124	10	2	0	2	145	147.6	0	0	0	0	0	0	0	0	0	17	4	424	76	16	7	27	571	637.1
16:00	0	0	28	9	0	0	1	38	43.5	0	0	0	0	0	0	0	0	0	7	4	147	18	3	0	5	184	191.5
16:15	0	0	28	8	0	0	1	37	42	0	0	0	0	0	0	0	0	0	5	0	119	26	2	0	5	157	172
16:30	2	0	40	3	1	0	0	46	46.4	0	0	0	0	0	0	0	0	0	3	3	146	18	2	1	6	179	192.1
16:45	0	0	37	5	0	0	1	43	46.5	0	0	0	0	0	0	0	0	0	8	1	133	22	2	2	5	173	185.6
H/TOT	2	0	133	25	1	0	3	164	178.4	0	0	0	0	0	0	0	0	0	23	8	545	84	9	3	21	693	741.2
17:00	3	0	50	9	0	0	0	62	64.1	0	0	0	0	0	0	0	0	0	11	5	136	2	2	0	3	159	152.2
17:15	0	0	36	2	0	0	1	39	41	0	0	0	0	0	0	0	0	0	10	2	93	7	0	0	7	119	120.3
17:30	0	0	42	1	1	0	0	44	45	0	0	0	0	0	0	0	0	0	18	0	119	4	2	1	5	149	143.9
17:45	0	0	50	5	0	0	0	55	57.5	0	0	0	0	0	0	0	0	0	5	1	158	13	1	1	4	183	190.7
H/TOT	3	0	178	17	1	0	1	200	207.6	0	0	0	0	0	0	0	0	0	44	8	506	26	5	2	19	610	607.1
18:00	0	0	42	6	0	0	0	48	51	0	0	0	0	0	0	0	0	0	13	1	178	5	1	0	4	202	198
18:15	0	0	38	3	0	0	1	42	44.5	0	0	0	0	0	0	0	0	0	9	4	113	9	1	1	5	142	143.7
18:30	0	0	25	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0	5	0	107	2	1	0	4	119	120.5
18:45	0	0	19	0	0	0	1	20	21	0	0	0	0	0	0	0	0	0	0	0	82	7	0	1	5	95	104.8
H/TOT	0	0	124	9	0	0	2	135	141.5	0	0	0	0	0	0	0	0	0	27	5	480	23	3	2	18	558	567
12 TOT	24	4	1415	228	16	1	25	1713	1840	0	0	0	0	0	0	0	0	0	220	64	4900	876	220	73	267	6620	7316

	C => A									C => B									C => C								
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
07:00	1	0	6	0	0	0	0	7	6.2	10	0	45	10	1	1	2	69	69.8	0	0	0	0	0	0	0	0	0
07:15	0	0	15	3	0	0	0	18	19.5	9	0	47	14	0	2	4	76	82.4	0	0	0	0	0	0	0	0	0
07:30	0	0	23	1	0	0	0	24	24.5	11	0	77	7	2	0	2	99	96.7	0	0	0	0	0	0	0	0	0
07:45	0	0	24	2	0	0	0	26	27	11	2	91	8	2	1	6	121	123.3	0	0	0	0	0	0	0	0	0
H/TOT	1	0	68	6	0	0	0	75	77.2	41	2	260	39	5	4	14	365	372.2	0	0	0	0	0	0	0	0	0
08:00	0	1	23	3	0	0	0	27	27.9	14	3	90	12	1	1	1	122	117.8	0	0	0	0	0	0	0	0	0
08:15	0	0	23	1	0	0	0	24	24.5	12	2	72	13	1	0	5	105	106.2	0	0	0	0	0	0	0	0	0
08:30	0	0	39	2	2	0	0	43	45	11	2	87	10	8	2	4	124	129.6	0	0	0	0	0	0	0	0	0
08:45	0	0	28	1	0	0	0	29	29.5	6	0	108	14	8	1	7	144	158.5	0	0	0	0	0	0	0	0	0
H/TOT	0	1	113	7	2	0	0	123	126.9	43	7	357	49	18	4	17	495	512.1	0	0	0	0	0	0	0	0	0
09:00	0	0	42	2	2	0	0	46	48	7	0	96	10	6	1	4	124	131.7	0	0	0	0	0	0	0	0	0
09:15	0	0	31	3	0	0	0	34	35.5	0	1	94	15	5	3	6	124	143.3	0	0	0	0	0	0	0	0	0
09:30	0	0	33	2	0	0	0	35	36	1	1	61	28	5	2	9	107	133.7	0	0	0	0	0	0	0	0	0
09:45	1	0	32	1	0	0	0	34	33.7	2	2	93	18	4	1	3	123	135.5	0	0	0	0	0	0	0	0	0
H/TOT	1	0	138	8	2	0	0	149	153.2	10	4	344	71	20	7	22	478	544.2	0	0	0	0	0	0	0	0	0
10:00	0	0	21	1	0	0	0	22	22.5	1	0	77	23	3	0	5	109	126.2	0	0	0	0	0	0	0	0	0
10:15	0	0	39	2	0	0	0	41	42	2	1	73	21	1	1	6	105	121.1	0	0	0	0	0	0	0	0	0
10:30	0	0	27	2	0	0	0	29	30	3	1	68	15	1	0	7	95	107	0	0	0	0	0	0	0	0	0
10:45	0	0	18	3	0	0	0	21	22.5	2	1	86	15	3	2	3	112	124.4	0	0	0	0	0	0	0	0	0
H/TOT	0	0	105	8	0	0	0	113	117	8	3	304	74	8	3	21	421	478.7	0	0	0	0	0	0	0	0	0
11:00	0	0	28	0	0	0	0	28	28	1	3	63	18	4	0	6	95	109.4	0	0	0	0	0	0	0	0	0
11:15	0	0	35	0	0	0	0	35	35	2	1	76	18	6	1	5	109	125.1	0	0	0	0	0	0	0	0	0
11:30	0	0	23	1	1	0	0	25	26	1	2	73	17	3	1	2	99	110.3	0	0	0	0	0	0	0	0	0
11:45	0	0	25	2	2	0	0	29	31	1	2	82	21	5	2	7	120	140.6	0	0	0	0	0	0	0	0	0
H/TOT	0	0	111	3	3	0	0	117	120	5	8	294	74	18	4	20	423	485.4	0	0	0	0	0	0	0	0	0
12:00	0	0	29	0	1	0	0	30	30.5	1	1	57	20	4	1	5	89	105.9	0	0	0	0	0	0	0	0	0
12:15	0	0	30	0	0	0	0	30	30	5	0	69	15	5	2	4	100	112.6	0	0	0	0	0	0	0	0	0
12:30	0	0	35	1	0	0	0	36	36.5	3	2	72	15	2	0	5	99	108.9	0	0	0	0	0	0	0	0	0
12:45	0	1	24	1	0	0	0	26	25.9	0	0	86	15	7	1	5	114	131.3	0	0	0	0	0	0	0	0	0
H/TOT	0	1	118	2	1	0	0	122	122.9	9	3	284	65	18	4	19	402	458.7	0	0	0	0	0	0	0	0	0
13:00	0	0	31	3	1	0	0	35	37	1	0	74	17	5	0	4	101	115.2	0	0	0	0	0	0	0	0	0
13:15	0	0	30	1	0	0	0	31	31.5	4	1	74	12	4	2	5	102	113.8	0	0	0	0	0	0	0	0	0
13:30	0	0	35	1	0	0	0	36	36.5	3	1	88	21	3	3	4	123	139.9	0	0	0	0	0	0	0	0	0
13:45	0	0	30	3	1	0	0	34	36	0	0	108	13	4	1	6	132	147.8	0	0	0	0	0	0	0	0	0
H/TOT	0	0	126	8	2	0	0	136	141	8	2	344	63	16	6	19	458	516.7	0	0	0	0	0	0	0	0	0
14:00	1	0	35	3	0	0	0	39	39.7	2	1	63	20	3	1	4	94	108.6	0	0	0	0	0	0	0	0	0
14:15	0	0	26	2	1	0	0	29	30.5	1	3	70	13	3	1	5	96	107.7	0	0	0	0	0	0	0	0	0
14:30	2	0	25	1	0	0	0	28	26.9	1	0	74	14	7	2	5	103	120.3	0	0	0	0	0	0	0	0	0
14:45	0	0	38	6	0	0	0	44	47	1	1	84	11	6	1	4	108	120.4	0	0	0	0	0	0	0	0	0
H/TOT	3	0	124	12	1	0	0	140	144.1	5	5	291	58	19	5	18	401	457	0	0	0	0	0	0	0	0	0
15:00	0	0	42	3	0	0	0	45	46.5	0	1	59	18	5	1	5	89	106.2	0	0	0	0	0	0	0	0	0
15:15	0	0	31	2	0	0	0	33	34	1	1	70	27	4	2	5	110	131.7	0	0	0	0	0	0	0	0	0
15:30	1	0	36	2	0	0	0	39	39.2	3	1	69	18	1	0	2	94	102.5	0	0	0	0	0	0	0	0	0
15:45	0	0	16	3	0	0	0	19	20.5	4	2	64	16	3	1	7	97	110.4	0	0	0	0	0	0	0	0	0
H/TOT	1	0	125	10	0	0	0	136	140.2	8	5	262	79	13	4	19	390	450.8	0	0	0	0	0	0	0	0	0
16:00	0	0	20	1	0	0	0	21	21.5	1	0	57	11	0	0	2	71	77.7	0	0	0	0	0	0	0	0	0
16:15	0	2	19	2	1	0	0	24	24.3	3	1	60	14	2	0	5	85	95	0	0	0	0	0	0	0	0	0
16:30	1	1	21	2	0	0	0	25	24.6	2	4	47	11	2	1	6	73	82.8	0	0	0	0	0	0	0	0	0
16:45	0	0	35	0	0	0	0	35	35	6	1	53	9	5	0	5	79	85.6	0	0	0	0	0	0	0	0	0
H/TOT	1	3	95	5	1	0	0	105	105.4	12	6	217	45	9	1	18	308	341.1	0	0	0	0	0	0	0	0	0
17:00	2	0	39	3	0	0	0	44	43.9	8	2	123	13	2	1	2	151	154.2	0	0	0	0	0	0	0	0	0
17:15	0	0	30	2	0	0	0	32	33	5	3	122	10	3	0	6	149	155.7	0	0	0	0	0	0	0	0	0
17:30	3	2	40	2	1	0	0	48	45.9	8	1	107	6	1	0	5	128	129.5	0	0	0	0	0	0	0	0	0
17:45	0	0	38	4	0	0	0	42	44	6	2	90	9	0	0	6	113	117.5	0	0	0	0	0	0	0	0	0
H/TOT	5	2	147	11	1	0	0	166	166.8	27	8	442	38	6	1	19	541	556.9	0	0	0	0	0	0	0	0	0
18:00	2	0	41	1	0	0	0	44	42.9	7	4	79	10	0	0	6	106	109	0	0	0	0	0	0	0	0	0
18:15	2	0	45	3	0	0	0	50	49.9	3	0	72	3	1	0	6	85	90.6	0	0	0	0	0	0	0	0	0
18:30	2	1	31	2	0	0	0	36	34.8	9	0	82	3	0	0	7	101	102.3	0	0	0	0	0	0	0	0	0
18:45	0	0	26	0	0	0	0	26	26	8	1	97	2	0	0	8	116	118	0	0	0	0	0	0	0	0	0
H/TOT	6	1	143	6	0	0	0	156	153.6	27	5	330	18	1	0	27	408	419.9	0	0	0	0	0	0	0	0	0
12 TOT	18	8	1413	86	13	0	0	1538	1568	203	58	3729	673	151	43	233	5090	5594	0	0	0	0	0	0	0	0	0

Appendix 2- TRICS Output Files

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
TOTAL VEHICLES
Calculation factor: 1 TOTBED
Estimated TRIP rate value per 380 TOTBED shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. TOTBED	Trip Rate	Estimated Trip Rate	No. Days	Ave. TOTBED	Trip Rate	Estimated Trip Rate	No. Days	Ave. TOTBED	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	46	122	0.021	8.141	46	122	0.079	29.852	46	122	0.100	37.993
08:00 - 09:00	46	122	0.034	12.755	46	122	0.099	37.586	46	122	0.133	50.341
09:00 - 10:00	46	122	0.042	15.944	46	122	0.045	17.029	46	122	0.087	32.973
10:00 - 11:00	46	122	0.036	13.569	46	122	0.044	16.893	46	122	0.080	30.462
11:00 - 12:00	46	122	0.036	13.705	46	122	0.044	16.826	46	122	0.080	30.531
12:00 - 13:00	46	122	0.047	17.911	46	122	0.045	17.233	46	122	0.092	35.144
13:00 - 14:00	46	122	0.040	15.062	46	122	0.047	17.708	46	122	0.087	32.770
14:00 - 15:00	46	122	0.044	16.554	46	122	0.046	17.436	46	122	0.090	33.990
15:00 - 16:00	46	122	0.055	20.964	46	122	0.037	14.247	46	122	0.092	35.211
16:00 - 17:00	46	122	0.068	25.917	46	122	0.043	16.283	46	122	0.111	42.200
17:00 - 18:00	46	122	0.091	34.601	46	122	0.048	18.115	46	122	0.139	52.716
18:00 - 19:00	46	122	0.079	30.055	46	122	0.054	20.421	46	122	0.133	50.476
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.593	225.178			0.631	239.629			1.224	464.807

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Parameter summary

Trip rate parameter range selected:	21 - 725 (units:)
Survey date date range:	01/01/14 - 15/10/21
Number of weekdays (Monday-Friday):	46
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
TOTAL VEHICLES

Calculation factor: 100 sqm
Estimated TRIP rate value per 14222 SQM shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	1	10100	1.109	157.709	1	10100	0.168	23.938	1	10100	1.277	181.647
07:00 - 08:00	51	3211	0.503	71.483	51	3211	0.061	8.686	51	3211	0.564	80.169
08:00 - 09:00	54	3154	1.150	163.592	54	3154	0.127	18.038	54	3154	1.277	181.630
09:00 - 10:00	54	3154	0.624	88.686	54	3154	0.180	25.553	54	3154	0.804	114.239
10:00 - 11:00	54	3154	0.245	34.906	54	3154	0.164	23.299	54	3154	0.409	58.205
11:00 - 12:00	54	3154	0.168	23.883	54	3154	0.163	23.132	54	3154	0.331	47.015
12:00 - 13:00	54	3154	0.218	31.065	54	3154	0.338	48.017	54	3154	0.556	79.082
13:00 - 14:00	54	3154	0.293	41.671	54	3154	0.288	40.919	54	3154	0.581	82.590
14:00 - 15:00	54	3154	0.181	25.804	54	3154	0.251	35.741	54	3154	0.432	61.545
15:00 - 16:00	54	3154	0.136	19.374	54	3154	0.359	51.107	54	3154	0.495	70.481
16:00 - 17:00	54	3154	0.149	21.128	54	3154	0.638	90.773	54	3154	0.787	111.901
17:00 - 18:00	54	3154	0.100	14.196	54	3154	0.899	127.851	54	3154	0.999	142.047
18:00 - 19:00	51	3303	0.048	6.838	51	3303	0.354	50.402	51	3303	0.402	57.240
19:00 - 20:00	1	1820	0.000	0.000	1	1820	0.000	0.000	1	1820	0.000	0.000
20:00 - 21:00	1	1820	0.000	0.000	1	1820	0.055	7.814	1	1820	0.055	7.814
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			4.924	700.335			4.045	575.270			8.969	1275.605

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Parameter summary

Trip rate parameter range selected:	118 - 15000 (units: sqm)
Survey date date range:	01/01/15 - 23/11/22
Number of weekdays (Monday-Friday):	54
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	2
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

APPENDIX 17.1

Schools Demand & Concentration Report

MAKING COMPLEX EASY
A TETRA TECH COMPANY

SCHOOLS DEMAND & CONCENTRATION REPORT

Large-scale Residential Development *'Swift Square Apartments'*

MH21009
F01
July 2023

rpsgroup.com

Document status

Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
F01	Planning	SS	CLG	HG	03 July 2023

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Prepared by:

RPS Group Ltd

Prepared for:

JOM Investments Unlimited Company

Dublin | Cork | Galway | Sligo
rpsgroup.com

RPS Group Limited, registered in Ireland No. 91911
RPS Consulting Engineers Limited, registered in Ireland No. 161581
RPS Planning & Environment Limited, registered in Ireland No. 160191
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1 INTRODUCTION

RPS Group Ltd, West Pier Business Campus, Dún Laoghaire, County Dublin, A96 N6T7, in association with a multidisciplinary team, has been instructed by JOM Investments Unlimited Company, 15 Hogan Place, Dublin 2, D02 DK23 (the Applicant) to prepare this **School Demand & Concentration Report** (the Report) to accompany a Large-scale Residential Development (LRD) application on lands located to the north of Swift Square Office Park and Northwood Avenue, Santry, Dublin 9.

1.1 Purpose and Format of this Report

This Report has been prepared to consider the sufficiency of existing schools in the vicinity of the proposed development. This Report provides an overview of the relevant policy context, and describes the existing population and the level of demand which will be generated by the proposed development for school places in the context of the existing provision. It is to be noted that cumulative effects are considered in **Chapter 5** of Volume 2 of the Environmental Impact Assessment Report (EIAR).

This Report is presented in the following sections:

Section 1 – Introduction

Section 2 – Site Context and Proposed Development

Section 3 – Policy Context

Section 4 – Study Area Profile

Section 5 – Audit of School Provision

Section 6 – Consideration of Need

Section 7 – Summary and Conclusions

2 SITE CONTEXT AND PROPOSED DEVELOPMENT

The subject site is located within Northwood, Santry, less than 1km northeast of Ballymun town centre, some 6km to the north of Dublin city centre, c. 2.6km south of Dublin Airport, and c. 700m southeast of the M50 Ballymun interchange. The proposed MetroLink Northwood Station is located c. 450m to the west of the subject site. All distances are expressed as the crow flies.

Swift Square Office Park, an office/commercial development formed by two buildings, is located to the south of the subject site, fronting Northwood Avenue. To the west and north, the subject site is defined by a local access road providing connections to residential developments Cedarview, Bridgefield, Pappan Grove, Blackwood Square and Gulliver's Retail Park. To the east, there is the remainder of a temporary car parking area associated with the construction of the Blackwood Square development.

Figure 2-1 below illustrates the subject site's location and immediate context.

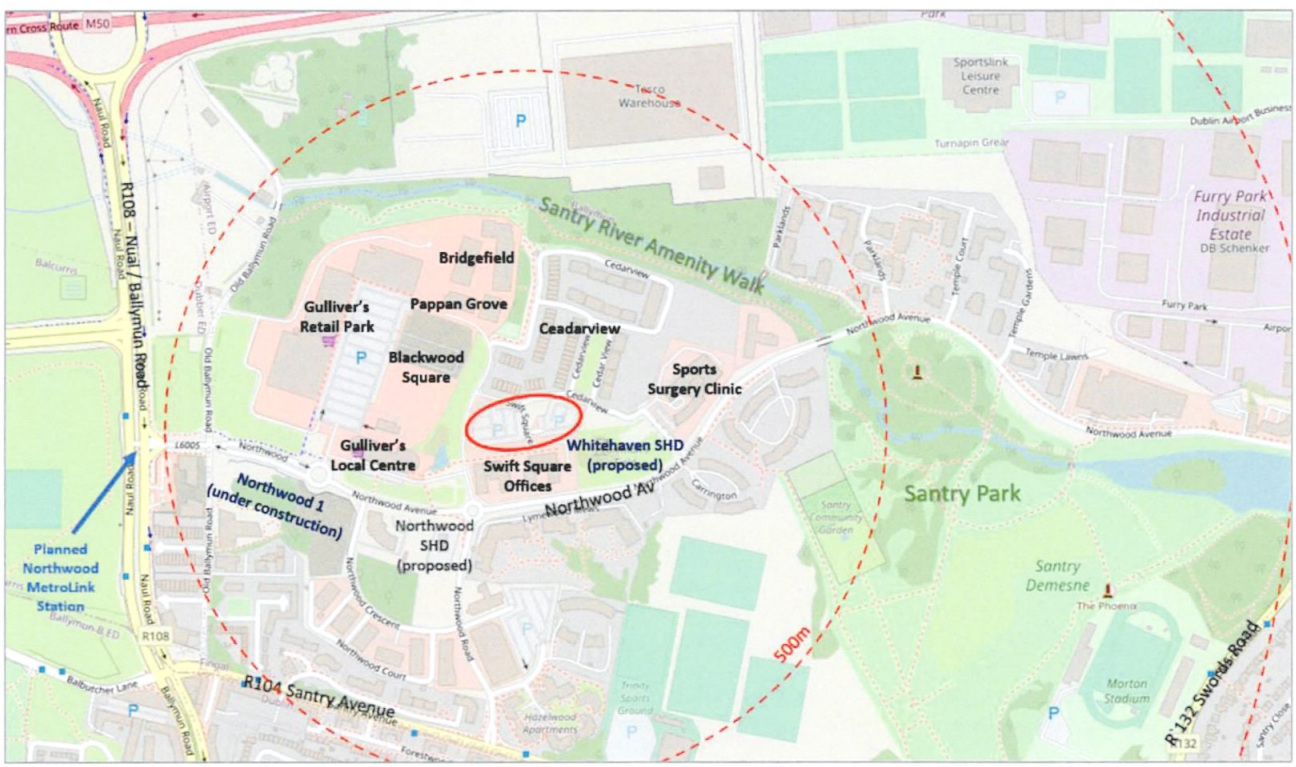

Figure 2-1: Site Location Map (indicative location of the subject site in red)

Source: Open Street Map. Annotations by RPS.

The proposed development comprises a residential development on a site off Northwood Avenue, Santry, Dublin 9, generally incorporating the existing surface car parking area associated with Swift Square Office Park and adjacent lands.

In summary, the proposed development will consist of the following:

- Site clearance, including the removal of all structures on site part of existing surface car parking;
- Relocation of existing surface car parking spaces catering for Swift Square Office Park personnel to the new basement accessible via a new ramp off the local road from Northwood Avenue, and the new undercroft parking area with access at street level off the local road to the north of the site;
- Construction of 3 no. apartment blocks (1, 2 and 3) over a partially shared podium structure, with heights ranging from 4 to 9 storeys, comprising 192 no. apartment units (4 no. 1-bedroom units and 188 no. 2-bedroom units), ancillary residential uses and associated car and bicycle parking; and,
- Provision of public and communal open spaces, public realm, boundary treatments, landscaping and lighting; refuse storage, associated drainage, attenuation and services; temporary car parking area and construction access; and all associated site development works.

A detailed description of the site context and proposed development is set out in **Chapter 5** (Development Description) of Volume 2 of this EIAR.

3 POLICY CONTEXT

A full review of the relevant planning policy is set out in **Chapter 3** (Planning Policy Context) of Volume 2 of this EIAR and in the *Planning Report and Statement of Consistency* prepared by RPS and enclosed with this LRD application.

Policy relating to education is addressed in the following sections.

3.1 Provision of Schools and the Planning System: A Code of Practice for Planning Authorities 2008

The *Provision of Schools and the Planning System: A Code of Practice for Planning Authorities 2008*[1] (Provision of Schools and the Planning System Guidelines) was jointly published by departments within planning and education as part of their remit; it details the procedures adopted by planning authorities in considering school planning issues into the development process. This code sets out how the future demand is identified and the mechanisms for site identification and acquisition.

3.2 Annual Statement of Priorities 2023 Department of Education

In February 2021, the Government launched the *Action Plan for Education 2023*[2]. This plan sets out investment commitments to primary, secondary and third-level education facilities, combining the upgrade and extension of existing educational infrastructure with a particular focus on special needs education and supporting global events such as the crisis in Ukraine.

3.3 Education Policy Summary

The importance of providing appropriate levels of social infrastructure, such as education, health and community facilities, in tandem with the development of strategic development areas is highlighted at all levels of the planning policy hierarchy and in national planning guidelines.

[1] https://www.gov.ie/en/publication/b4c21-the-provision-of-schools-and-the-planning-system-code-of-practice-for-planning-authorities/

[2] https://www.gov.ie/pdf/?file=https://assets.gov.ie/247529/e27d64e1-4ef3-4a8e-be32-6bb9f628bad9.pdf#page=null

4 STUDY AREA PROFILE

With reference to the *Provision of Schools and the Planning System Guidelines* this Report sets out the demographic profile and the geographical distribution of primary and secondary-level school facilities within the context of the subject site.

In order to assess the demographic trends and the level of educational facilities within the vicinity of the subject site, a Study Area of 3km walking distance (pedestrian isochrone) from the subject site was considered. The Study Area has been subdivided into three levels, 1km, 2km & 3km walking distance, to provide a fair representation of the educational facilities having regard to the distance from the subject site.

The Study Area, i.e., 1km, 2km & 3km walking distance, is illustrated in **Figure 4-1.**

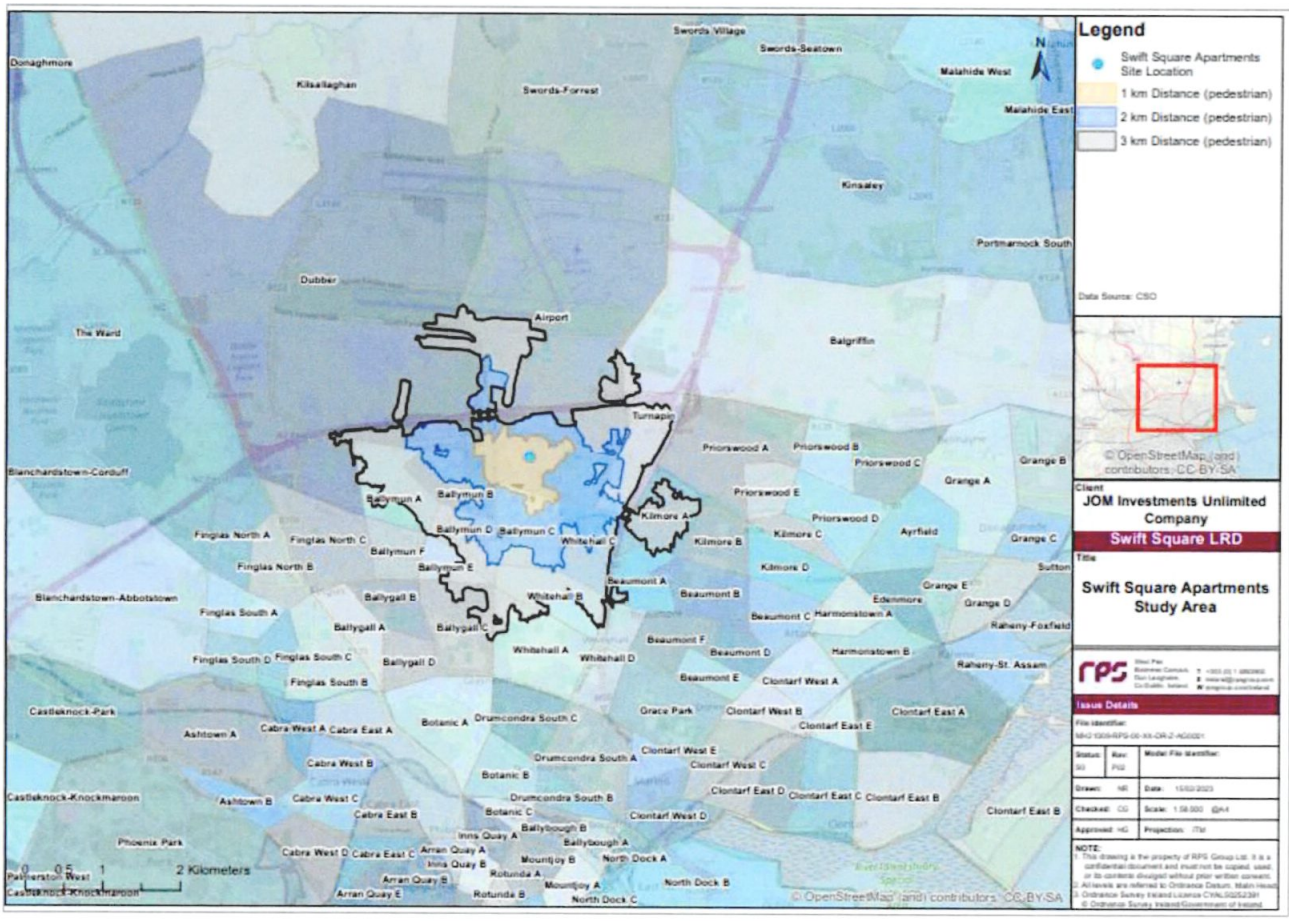

Figure 4-1: The Study Area

Source: Open Street Map, RPS Annotation

4.1 Demographic Profile

Population figures from the Central Statistics Office (CSO) Census of Population recorded in 2011, 2016 and 2022 were considered to create a demographic profile of the Study Area. It is to be noted that the most recent census of population was undertaken in April 2022, and only the Preliminary Results have been published. Therefore, statistics from the second most recent Census of Population (April 2016) are also used in this Report as it is the most recent with all its data published.

Population figures were examined at the Electoral Division level (ED). The subject site falls within the **Airport ED** (CSO Area Code: 04001). Other EDs (either fully or partially) within the Study Area include:

- Turnapin
- Kilmore A
- Ballymun A

- Ballymun B
- Ballymun C
- Ballymun D
- Ballymun E
- Ballymun F
- Ballygall C
- Whitehall A
- Whitehall B
- Whitehall C
- Whitehall D
- Beaumont A
- Dubber
- Balgriffin

Figure 4-2 below shows the subject site's location in the context of the EDs that form the Study Area.

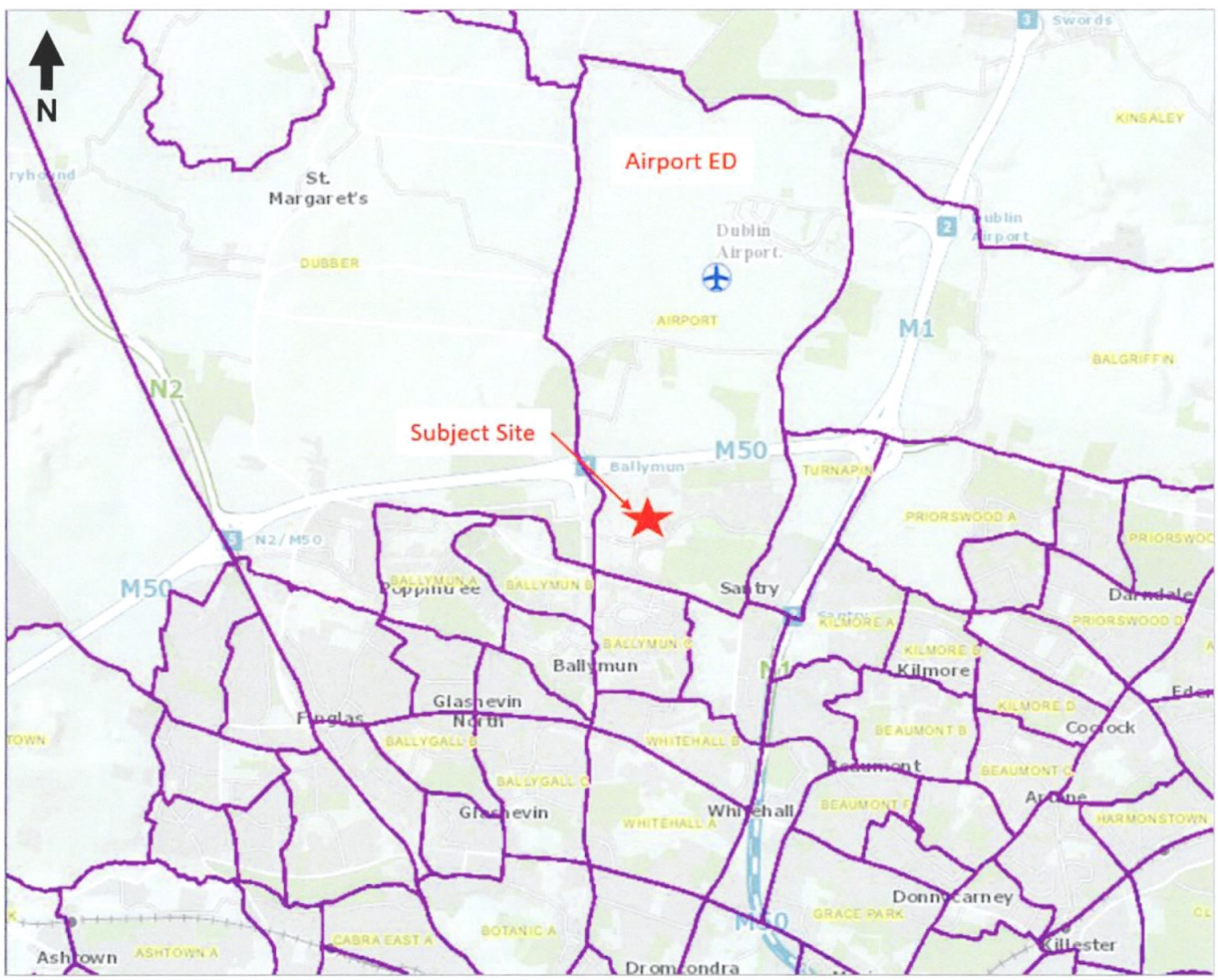

Figure 4-2: Site Location and adjoining Electoral Divisions

Source: pobal.ie. Annotations by RPS.

The population of the Study Area for 2011, 2016 and 2022 (preliminary results) is provided in **Table 4.1**; in addition the population of the State and Fingal is tabulated.

Table 4.1: Population of the State, Fingal and Study Area in 2011, 2016 and 2022

Area	2011 Population[3]	2016 Population	2022 Population[4]	Change in Population 2016-2022 (%)
State	4,588,252	4,761,865	5,123,536	7.6%
Fingal	273,991	296,020	329,218	11.2%
Study Area	**56,089**	**61,226**	**67,917**	**10.6%**
Airport	4,032	5,018	6,139	22.3%
Turnapin	1,683	1,700	1,683	-1.0%
Kilmore A	3,505	3,660	3,624	-1.0%
Ballymun A	3,678	4,765	5,649	18.6%
Ballymun B	4,012	4,379	4,112	-6.1%
Ballymun C	5,585	6,112	5,690	-6.9%
Ballymun D	2,961	2,458	2,496	1.5%
Ballymun E	1,582	1,562	1,677	7.4%
Ballymun F	2,323	2,350	2,392	1.8%
Ballygall C	3,419	3,251	3,652	3.7%
Whitehall A	3,545	3,286	3,123	-5.0%
Whitehall B	3,892	4,128	4,319	4.6%
Whitehall C	2,195	2,153	2,899	34.6%
Whitehall D	2,885	3,456	3,450	-0.2%
Balgriffin	1,966	3,113	5,536	77.8%
Dubber	6,359	7,372	8,812	19.5%
Beaumont A	2,467	2,463	2,664	8.2%

Source: CSO.ie[5]

The change (%) in household sizes throughout the State, Fingal and the Study Area in the period 2011-2016 is provided in **Table 4.2.** Data regarding households' sizes have not been published in the Census 2022.

[3] https://www.cso.ie/en/media/csoie/census/documents/census2011vol1andprofile1/Table_6.pdf

[4] FP009 - Population and Actual and Percentage Change 2016 to 2022 (cso.ie)

[5] https://visual.cso.ie/?body=entity/ima/cop/2016&boundary=C03786V04535&guid=2AE196291D1113A3E055000000000001

Table 4.2: Household Change in the State, Fingal and the Study Area 2011-2016

Area	2011 Household Size	2016 Household Size	Change in Household Size (%) 2011-2016
State	2.7	2.7	0%
Fingal	2.9	3	3%
Study Area	**2.6**	**2.7**	**3.9%**
Airport	2.1	2.4	14.3%
Turnapin	3.0	3.0	0%
Kilmore A	2.9	3.0	3.4%
Ballymun A	2.7	2.9	7.4%
Ballymun B	2.9	3.0	3.4%
Ballymun C	2.8	2.8	0%
Ballymun D	2.6	2.7	3.8%
Ballymun E	2.6	2.6	0%
Ballymun F	2.5	2.6	4.0%
Ballygall C	2.5	2.5	0%
Whitehall A	2.5	2.5	0%
Whitehall B	2.4	2.5	4.2%
Whitehall C	2.6	2.6	0%
Whitehall D	2.3	2.4	4.3%
Balgriffin	3.2	3.5	9.4%
Beaumont A	2.5	2.5	0%
Dubber	2.6	2.9	11.5%

Source: CSO.ie[6]

The population of the Study Area increased by 10.6% between 2016 and 2022. Balgriffin ED, experienced the highest population increase (77.8%) followed by Whitehall C ED (34.6%). Between 2016-2022 Ballymun C ED experienced the largest population decrease, from 6,112 to 5,690 people (-6.90%).

Between 2011-2016 household sizes increased by 3.9%, with the largest increase in the subject site's ED (Airport), which increased from an average household size of 2.1 to 2.4 (14.3%). The smallest increase in household size occurred in Kilmore A and Ballymun B where the household size increased by 3.4%. In Turnapin, Ballymun C, Ballymun E, Ballygall C, Whitehall A, Whitehall C and Beaumont A all remained at the same size in 2016 as measured in 2011.

In 2016, the Study Area had an average household size of 2.75 which is the same as the State average, however, it is marginally lower than Fingal's average of 3.0 persons. It is projected in the NPF that the State's average household size will decline to c. 2.5 by 2040.

[6] https://cso.maps.arcgis.com/apps/webappviewer/index.html?id=38a23443191841b08347f702ff307dee

4.2 School Population Demographics

Typically, children attending primary school are within the 5-12 age cohort. Those attending secondary school are typically within the 13-18 age cohort. **Table 4.3** shows the profile of the Study Area with regard to the primary and secondary age groups in 2016, along with national and county levels. These figures are further analysed in the paragraphs below.

Table 4.3: Primary and Secondary Age Groups in 2016

Area	Total Population:	5-12 year olds	5-12 year olds (%)	13-18-year olds	13-18-year olds (%)
State	4,761,865	548,693	11.5%	371,588	7.8%
Fingal	296,020	39,349	13.3%	22,892	7.7%
Study Area	**61,226**	**5,860**	**9.3%**	**3,639**	**6.1%**
Airport	5,018	329	6.6%	129	2.6%
Turnapin	1,700	128	9.3%	126	7.4%
Kilmore A	3,660	208	5.7%	179	4.9%
Ballymun A	4,765	579	12.2%	390	8.2%
Ballymun B	4,379	529	12.1%	218	5.0%
Ballymun C	6,112	571	9.3%	431	7.1%
Ballymun D	2,458	303	12.3%	248	10.1%
Ballymun E	1,562	130	8.3%	90	5.8%
Ballymun F	2,350	182	7.7%	136	5.8%
Ballygall C	3,251	284	8.7%	211	6.5%
Whitehall A	3,286	253	7.7%	221	6.5%
Whitehall B	4,128	285	6.9%	208	5.0%
Whitehall C	2,153	185	8.6%	145	6.7%
Whitehall D	3,456	211	6.1%	141	4.1%
Balgriffin	3,113	479	15.4%	208	6.7%
Beaumont A	2,463	180	7.30%	129	5.2%
Dubber	7,372	1,024	13.9%	429	5.8%

Source: CSO.ie[7]

4.2.1 Primary School

Based on Census 2016 Population Statistics data presented in **Table 4.3**, there was a total of 5,860 no. children of primary school age (5-12 years old) within the Study Area, which represents 9.3% of the total Study Area population.

[7] https://cso.maps.arcgis.com/apps/webappviewer/index.html?id=d821fc9ffd594e379885ccfde94bb15c

With 5,860 no. primary school-aged children within the Study Area, and based on an 8-year primary school cycle there is an average of 732 no. pupils in each year of primary school.

Dubber is the largest ED with a population of 7,372 and also has the largest number of primary school-aged children with 1,024 no. pupils. Turnapin, one of the smaller EDs (1,700 people) has the smallest primary school-aged population (128 no. pupils).

Throughout the Study Area and within separate EDs, the total percentage of primary school children ranges from 5.7% - 13.9%, overall, the percentage of primary school children is 9.3% which is significantly lower than the State primary school population (11.5%).

4.2.2 Secondary School

Based on Census 2016 Population Statistics, there was a total of 3,639 no. children of secondary school age within the Study Area, which represented 6.1% of the total population of the Study Area. Estimated on a secondary school cycle of 6 no. years, on average, there are 606 no. pupils for each year of Secondary School within the Study Area.

Dubber has the largest population (7,372 no. people); however, Ballymun C has the largest population of children that are of secondary school age (431 no. pupils). The Airport ED in which the subject site is located has 129 no. people of secondary school age, which equates to 2.6% of the EDs population and is the lowest proportion of secondary school pupils within an ED in the Study Area.

6.1% of the population within the Study Area are secondary school-aged children, which is lower than both the Fingal (7.7%) and State average (7.8%).

4.2.2.1 Primary School Pupils – Ages 5-12 years old.

Figure 4-3 shows the projected number of primary school pupils between 2016-2051.

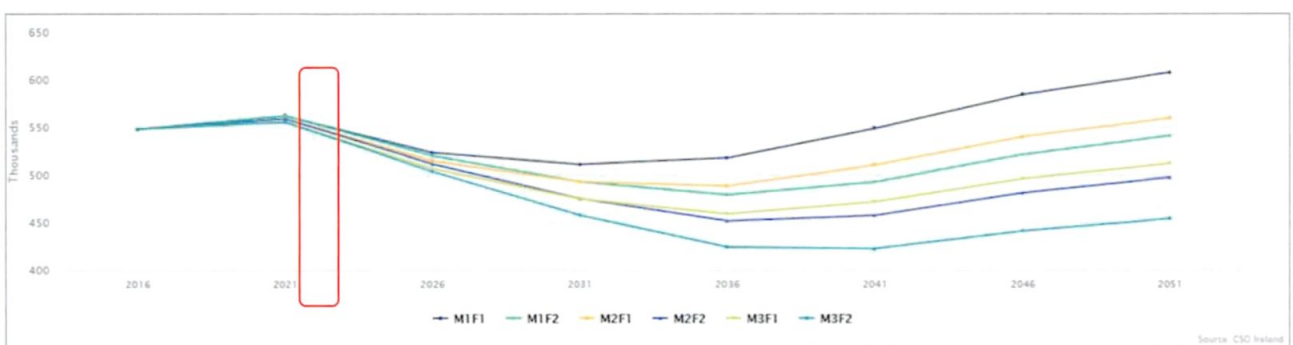

Figure 4-3: Projected Primary School Pupils 2016-2051

Source: CSO.ie

According to population projection results[8], in 2016 there were 548,100 children in the 5-12 age group (11.5%), and the number was projected to increase by 7,400 - 13,900 in the period to 2021. The projections are then for a considerable decline up to 2036, and the primary school-going cohort is not projected to reach 2021 levels again until the 2040s / 2050s.

4.2.2.2 Secondary School Pupils – Ages 13-18 years old

Figure 4-4 shows the projected number of secondary school pupils between 2016-2051.

[8] https://www.cso.ie/en/releasesandpublications/ep/p-plfp/populationandlabourforceprojections2017-2051/populationprojectionsresults/

Figure 4-4: Projected Secondary School Pupils 2016-2051

Source: CSO.ie

According to Census 2016 Population Statistics[9], there were 369,000 persons in the 13-18 age group (7.8% of the total population) and the projected number is to increase by between 75,500 and 67,200 no. children in the period to 2026. A prolonged decline in the secondary school-going age cohort is then projected up to the 2040s. The projected secondary school-going age cohort is not projected to equal the 2026 level by 2051.

These national projections indicate that when the proposed development is occupied the school-going cohort at both primary and secondary school level will be declining.

4.3 Demand and Provision of School Places

Projections of full-time enrolment Primary and Second Level 2021-2040[10] published by the *Department of Education* (DES) in November 2021 and considered further below largely correspond with the population projections described above.

4.3.1 Primary School

Projections of full-time enrolment Primary and Second Level 2021-2040[11] states enrolment in primary schools across the State is virtually unchanged with 567,772 no. enrolments in 2018 falling marginally to 561,411 no. enrolments in 2020. Enrolments in primary schools are projected to fall over the coming years to an expected total of 440,551 enrolments by 2034 across the State, as shown in **Figure 4-5.**

[9] https://www.cso.ie/en/releasesandpublications/ep/p-plfp/populationandlabourforceprojections2017-2051/populationprojectionsresults/

[10] https://www.gov.ie/en/collection/projections/#projection-reports