

# Alliant Engineering Inc

TH-494 - Carlson Pkwy at Gleason Lake Dr. File Name : 507 - Carlson Parkway & Gleason Lake Drive 2014

Ref.Pt. 020+00.645

Site Code : 507

Alliant Engineering

Start Date : 2/11/2014

TURN MOVEMENT COUNT

Page No : 1

## Groups Printed- Cars - Trucks

Start Time	Gleason Lake Drive Southbound					Carlson Parkway Westbound					Gleason Lake Drive Northbound					Carlson Parkway Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	17	0	7	0	0	1	38	3	0	0	0	0	0	0	0	2	10	0	0	78
06:15	0	20	0	6	0	0	1	42	11	0	0	1	0	0	0	0	2	10	2	0	95
06:30	0	33	0	8	0	0	5	68	3	0	0	1	0	6	0	0	0	17	2	0	143
06:45	0	34	0	6	0	0	7	87	9	0	0	0	0	3	0	0	1	20	0	0	167
Total	0	104	0	27	0	0	14	235	26	0	0	2	0	9	0	0	5	57	4	0	483
07:00	0	50	0	15	0	0	6	90	21	0	0	3	2	9	0	0	0	14	0	0	210
07:15	0	55	1	21	0	0	8	119	13	0	0	2	0	2	0	0	4	26	0	1	252
07:30	0	64	2	35	0	1	11	148	22	0	0	2	2	10	0	0	3	19	0	0	319
07:45	0	81	5	38	0	0	18	155	22	0	0	2	1	7	0	0	6	30	0	0	365
Total	0	250	8	109	0	1	43	512	78	0	0	9	5	28	0	0	13	89	0	1	1146
08:00	0	79	5	31	0	0	29	158	18	0	0	1	1	4	0	0	2	41	0	0	369
08:15	0	46	3	37	0	0	23	167	17	0	0	2	0	5	0	0	2	33	1	0	336
08:30	0	37	3	17	0	0	13	139	19	0	0	3	0	3	0	0	1	28	1	0	264
08:45	0	31	1	19	0	0	16	110	32	0	0	2	1	5	0	0	8	34	2	0	261
Total	0	193	12	104	0	0	81	574	86	0	0	8	2	17	0	0	13	136	4	0	1230
09:00	0	42	2	22	0	1	13	65	24	0	0	0	0	2	0	0	1	26	1	0	199
09:15	0	21	0	5	0	0	5	64	21	0	0	1	0	0	0	0	7	20	1	0	145
***BREAK***																					
Total	0	63	2	27	0	1	18	129	45	0	0	1	0	2	0	0	8	46	2	0	344
***BREAK***																					
10:30	0	15	1	6	0	0	1	40	19	0	0	0	2	3	0	0	6	29	0	0	122
10:45	0	14	1	4	0	0	3	49	13	0	0	0	0	1	0	0	7	32	0	0	124
Total	0	29	2	10	0	0	4	89	32	0	0	0	2	4	0	0	13	61	0	0	246
11:00	0	14	0	1	0	0	3	36	18	0	0	0	2	5	0	0	11	41	4	0	135
11:15	0	26	0	5	0	0	14	44	24	0	0	2	1	2	0	0	9	43	5	0	175
11:30	0	20	1	7	0	0	13	26	28	0	0	3	4	14	0	0	7	57	10	0	190
11:45	0	26	1	3	0	0	10	44	29	0	0	2	0	7	0	1	11	65	5	0	204
Total	0	86	2	16	0	0	40	150	99	0	0	7	7	28	0	1	38	206	24	0	704
12:00	0	18	1	6	0	0	4	50	25	0	0	1	1	10	0	0	6	54	1	0	177
12:15	0	23	5	1	0	0	8	53	22	3	0	3	1	8	3	0	8	64	7	0	209
12:30	0	26	3	11	0	0	14	49	17	2	0	5	2	15	2	0	7	50	1	1	205
12:45	0	21	2	9	0	0	7	63	17	0	0	3	3	12	0	0	6	49	0	0	192
Total	0	88	11	27	0	0	33	215	81	5	0	12	7	45	5	0	27	217	9	1	783
13:00	0	15	2	7	0	0	11	55	18	0	0	10	1	14	0	0	7	45	3	0	188
13:15	0	21	1	7	0	0	4	47	20	0	0	4	0	14	0	0	5	54	0	0	177
***BREAK***																					
Total	0	36	3	14	0	0	15	102	38	0	0	14	1	28	0	0	12	99	3	0	365
***BREAK***																					
14:30	0	31	0	12	0	0	6	34	26	1	0	3	0	15	1	0	4	35	1	0	169
14:45	0	13	2	9	0	0	4	33	38	0	0	0	1	2	0	0	9	50	3	0	164
Total	0	44	2	21	0	0	10	67	64	1	0	3	1	17	1	0	13	85	4	0	333
15:00	0	22	2	5	0	0	4	31	29	1	0	2	1	6	1	0	9	77	2	0	192
15:15	0	25	2	3	0	0	6	34	52	1	0	0	1	10	1	0	13	60	1	0	209
15:30	0	28	0	5	0	1	8	39	50	0	0	2	1	7	0	1	19	105	3	0	269
15:45	0	32	0	9	1	0	5	38	42	0	0	0	1	5	0	0	28	62	4	0	227
Total	0	107	4	22	1	1	23	142	173	2	0	4	4	28	2	1	69	304	10	0	897
16:00	0	40	0	2	0	0	9	20	39	0	0	1	1	12	0	0	41	137	10	0	312
16:15	0	26	2	8	0	0	15	39	56	0	0	0	1	14	0	0	19	117	6	0	303
16:30	0	26	0	4	0	0	10	47	69	0	0	3	5	18	0	0	49	135	2	0	368
16:45	0	27	2	7	0	0	9	43	54	0	0	3	4	19	0	0	41	144	8	0	361
Total	0	119	4	21	0	0	43	149	218	0	0	7	11	63	0	0	150	533	26	0	1344

# Alliant Engineering Inc

File Name : 507 - Carlson Parkway & Gleason Lake Drive 2014

Site Code : 507

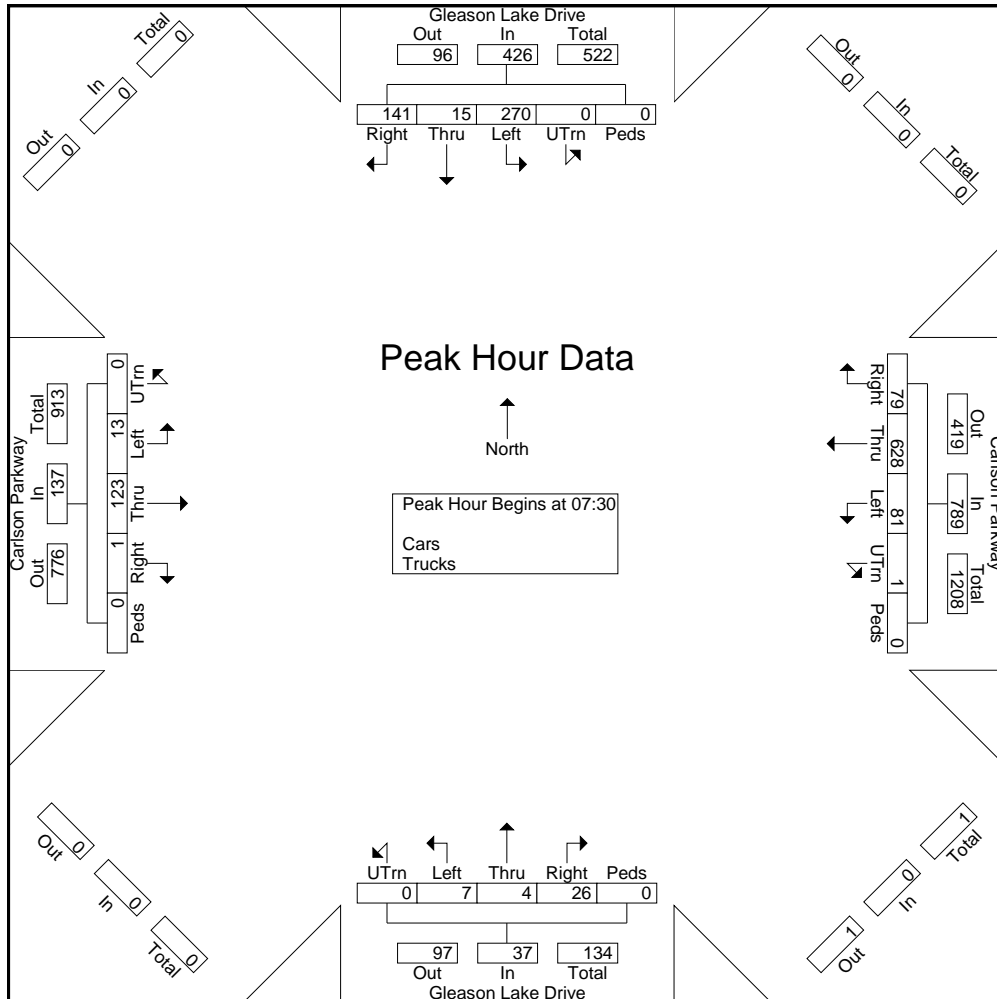
Start Date : 2/11/2014

Page No : 2

Groups Printed- Cars - Trucks

Start Time	Gleason Lake Drive Southbound					Carlson Parkway Westbound					Gleason Lake Drive Northbound					Carlson Parkway Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
17:00	0	32	2	5	0	1	22	52	70	0	0	4	6	37	0	0	56	178	6	0	471
17:15	0	20	2	5	0	0	15	52	72	0	0	3	5	20	0	0	40	132	10	0	376
17:30	0	33	1	3	0	0	8	37	66	0	0	3	7	19	0	0	39	124	11	0	351
17:45	0	31	0	5	0	0	6	34	54	0	0	3	4	15	0	0	39	74	1	0	266
Total	0	116	5	18	0	1	51	175	262	0	0	13	22	91	0	0	174	508	28	0	1464
Grand Total	0	1235	55	416	1	4	375	2539	1202	8	0	80	62	360	8	2	535	2341	114	2	9339
Apprch %	0	72.3	3.2	24.4	0.1	0.1	9.1	61.5	29.1	0.2	0	15.7	12.2	70.6	1.6	0.1	17.9	78.2	3.8	0.1	
Total %	0	13.2	0.6	4.5	0	0	4	27.2	12.9	0.1	0	0.9	0.7	3.9	0.1	0	5.7	25.1	1.2	0	
Cars	0	1230	54	411	1	4	373	2524	1193	8	0	80	61	356	8	0	534	2319	113	2	9271
% Cars	0	99.6	98.2	98.8	100	100	99.5	99.4	99.3	100	0	100	98.4	98.9	100	0	99.8	99.1	99.1	100	99.3
Trucks	0	5	1	5	0	0	2	15	9	0	0	0	1	4	0	2	1	22	1	0	68
% Trucks	0	0.4	1.8	1.2	0	0	0.5	0.6	0.7	0	0	0	1.6	1.1	0	100	0.2	0.9	0.9	0	0.7

Start Time	Gleason Lake Drive Southbound						Carlson Parkway Westbound						Gleason Lake Drive Northbound						Carlson Parkway Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:30																									
07:30	0	64	2	35	0	101	1	11	148	22	0	195	2	2	10	14	0	37	0	3	19	0	0	22	319
07:45	0	81	5	38	0	124	0	18	155	22	0	195	0	2	1	7	0	10	0	6	30	0	0	36	365
08:00	0	79	5	31	0	115	0	29	158	18	0	205	0	1	1	4	0	6	0	2	41	0	0	43	369
08:15	0	46	3	37	0	86	0	23	167	17	0	207	0	2	0	5	0	7	0	2	33	1	0	36	336
Total Volume	0	270	15	141	0	426	1	81	628	79	0	789	0	7	4	26	0	37	0	13	123	1	0	137	1389
% App. Total	0	63.4	3.5	33.1	0		0.1	10.3	79.6	10	0		0	18.9	10.8	70.3	0		0	9.5	89.8	0.7	0		
PHF	.000	.833	.750	.928	.000	.859	.250	.698	.940	.898	.000	.953	.000	.875	.500	.650	.000	.661	.000	.542	.750	.250	.000	.797	.941



File Name : 507 - Carlson Parkway & Gleason Lake Drive 2014  
 Site Code : 507  
 Start Date : 2/11/2014  
 Page No : 4

Start Time	Gleason Lake Drive Southbound						Carlson Parkway Westbound						Gleason Lake Drive Northbound						Carlson Parkway Eastbound						Int. Total
	UTrn	Lef t	Thru	Right	Peds	App. Total	UTrn	Lef t	Thru	Right	Peds	App. Total	UTrn	Lef t	Thru	Right	Peds	App. Total	UTrn	Lef t	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 16:30																									
16:30	0	26	0	4	0	30	0	10	47	69	0	126	0	3	5	18	0	26	0	49	135	2	0	186	368
16:45	0	27	2	7	0	36	0	9	43	54	0	106	0	3	4	19	0	26	0	41	144	8	0	193	361
17:00	0	32				39	1	22	52		145	0	4	6	37		47	0	56	178	6	0	240	471	
17:15	0	20	2	5	0	27	0	15	52	72											132	10	0	182	376
Total Volume	0	105	6	21	0	132	1	56	194	265	0	516	0	13	20	94	0	127	0	186	589	26	0	801	1576
% App. Total	0	79.5	4.5	15.9	0		0.2	10.9	37.6	51.4	0		0	10.2	15.7	74	0		0	23.2	73.5	3.2	0		
PHF	.000	.820	.750	.750	.000	.846	.250	.636	.933	.920	.000	.890	.000	.813	.833	.635	.000	.676	.000	.830	.827	.650	.000	.834	.837

