

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

Carlson Parkway at Cheshire Lane

Ref.Pt.:

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 510 - Carlson Parkway & Cheshire Lane

Site Code : 510

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

Start Time	Cheshire Lane Southbound					Carlson Parkway Westbound					Cheshire Lane 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	0	0	0	0	0	7	4	0	0	0	10	0	10	0	0	0	20	30	0	81
06:15	0	0	0	0	0	0	9	10	0	0	0	13	0	6	0	0	1	19	30	0	88
06:30	0	0	0	0	0	0	6	21	1	0	0	17	0	12	0	0	0	37	68	0	162
06:45	0	0	0	0	0	0	20	29	1	0	0	24	1	13	0	0	5	54	89	0	236
Total	0	0	0	0	0	0	42	64	2	0	0	64	1	41	0	0	6	130	217	0	567
07:00	0	1	0	1	0	0	12	44	1	0	0	26	0	12	0	0	9	47	85	0	238
07:15	0	0	0	2	0	0	20	45	1	0	0	17	1	11	0	0	8	67	87	0	259
07:30	0	0	0	1	0	0	27	60	2	0	0	35	3	17	0	2	12	46	128	0	333
07:45	0	1	0	0	0	1	42	43	2	0	0	28	1	18	1	0	7	77	137	0	358
Total	0	2	0	4	0	1	101	192	6	0	0	106	5	58	1	2	36	237	437	0	1188
08:00	0	0	0	4	0	0	30	57	2	0	0	28	2	7	0	0	8	79	139	0	356
08:15	0	0	1	2	0	0	26	46	5	0	0	32	2	11	0	0	15	58	112	0	310
08:30	0	2	2	5	0	0	17	35	3	0	0	35	0	13	0	0	9	45	104	0	270
08:45	0	1	0	3	0	0	19	45	3	0	0	36	1	10	0	0	8	36	77	0	239
Total	0	3	3	14	0	0	92	183	13	0	0	131	5	41	0	0	40	218	432	0	1175
09:00	0	2	0	8	0	0	14	41	1	0	0	27	1	12	0	0	9	39	64	0	218
09:15	0	0	0	5	0	0	11	28	0	0	0	24	0	9	0	0	11	29	41	0	158
*****BREAK*****																					
Total	0	2	0	13	0	0	25	69	1	0	0	51	1	21	0	0	20	68	105	0	376
*****BREAK*****																					
10:30	0	0	0	1	0	0	6	32	1	0	0	24	1	11	0	0	6	15	40	0	137
10:45	0	1	0	7	0	2	15	27	1	0	0	27	2	11	0	1	9	24	29	0	156
Total	0	1	0	8	0	2	21	59	2	0	0	51	3	22	0	1	15	39	69	0	293
11:00	0	5	1	5	0	1	18	29	2	0	0	33	0	17	0	0	6	29	45	0	191
11:15	0	4	3	8	0	1	15	26	6	0	0	45	1	18	0	0	5	24	47	0	203
11:30	0	3	1	8	0	0	24	45	2	0	0	48	1	14	0	0	5	33	50	0	234
11:45	0	2	1	9	0	0	18	35	2	0	0	55	3	20	0	1	3	35	52	0	236
Total	0	14	6	30	0	2	75	135	12	0	0	181	5	69	0	1	19	121	194	0	864
12:00	0	1	3	8	0	0	27	42	3	0	0	39	1	39	0	0	4	25	48	0	240
12:15	0	2	2	7	0	1	21	38	4	0	0	55	1	29	0	0	6	27	63	0	256
12:30	0	3	5	7	0	0	30	29	3	0	0	80	4	26	0	0	6	26	52	0	271
12:45	0	1	2	5	0	0	21	30	1	0	0	48	3	15	0	0	8	37	50	0	221
Total	0	7	12	27	0	1	99	139	11	0	0	222	9	109	0	0	24	115	213	0	988
13:00	0	2	1	6	0	0	34	26	3	0	0	37	1	20	0	0	13	39	47	0	229
13:15	0	3	1	9	0	0	14	28	2	0	0	38	3	14	0	0	6	30	74	0	222
*****BREAK*****																					
Total	0	5	2	15	0	0	48	54	5	0	0	75	4	34	0	0	19	69	121	0	451
*****BREAK*****																					
14:30	0	2	0	5	0	0	8	45	2	0	0	130	0	27	0	0	4	38	43	0	304
14:45	0	1	0	2	0	0	8	29	2	0	0	37	1	13	0	0	4	28	33	0	158
Total	0	3	0	7	0	0	16	74	4	0	0	167	1	40	0	0	8	66	76	0	462
15:00	0	2	1	6	0	0	16	65	0	0	0	58	0	13	0	1	6	40	41	0	249
15:15	0	1	1	5	0	0	18	65	0	0	0	48	2	17	1	1	7	32	43	0	241
15:30	0	0	1	6	0	0	6	45	2	0	1	99	1	19	0	0	4	47	44	0	275
15:45	0	2	0	12	0	0	9	50	0	0	0	59	1	22	0	0	4	40	40	0	239
Total	0	5	3	29	0	0	49	225	2	0	1	264	4	71	1	2	21	159	168	0	1004
16:00	0	1	2	7	0	0	16	68	7	0	0	79	0	23	0	0	3	53	33	0	292
16:15	0	2	4	6	0	0	17	59	3	0	0	77	4	26	0	0	2	47	50	0	297
16:30	0	3	1	15	0	0	19	86	1	0	0	107	2	32	0	0	4	59	52	0	381
16:45	0	0	0	12	0	0	13	63	0	0	0	77	0	30	0	0	3	57	52	0	307
Total	0	6	7	40	0	0	65	276	11	0	0	340	6	111	0	0	12	216	187	0	1277

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TURN MOVEMENT COUNT

File Name : 510 - Carlson Parkway & Cheshire Lane

Site Code : 510

Start Date : 2/11/2014

Page No : 2

Groups Printed- Cars

Start Time	Cheshire Lane Southbound					Carlson Parkway Westbound					Cheshire Lane 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	2	0	7	0	0	19	94	2	0	0	131	0	42	0	0	2	66	49	0	414
17:15	0	3	2	9	0	0	17	63	0	0	0	86	0	32	0	0	4	56	48	0	320
17:30	0	2	1	13	0	0	16	73	1	0	0	72	2	25	0	0	5	58	34	0	302
17:45	0	1	1	13	0	0	18	53	0	0	0	78	0	17	0	0	3	43	49	0	276
Total	0	8	4	42	0	0	70	283	3	0	0	367	2	116	0	0	14	223	180	0	1312
Grand Total	0	56	37	229	0	6	703	1753	72	0	1	2019	46	733	2	6	234	1661	2399	0	9957
Apprch %	0	17.4	11.5	71.1	0	0.2	27.7	69.2	2.8	0	0	72.1	1.6	26.2	0.1	0.1	5.4	38.6	55.8	0	
Total %	0	0.6	0.4	2.3	0	0.1	7.1	17.6	0.7	0	0	20.3	0.5	7.4	0	0.1	2.4	16.7	24.1	0	

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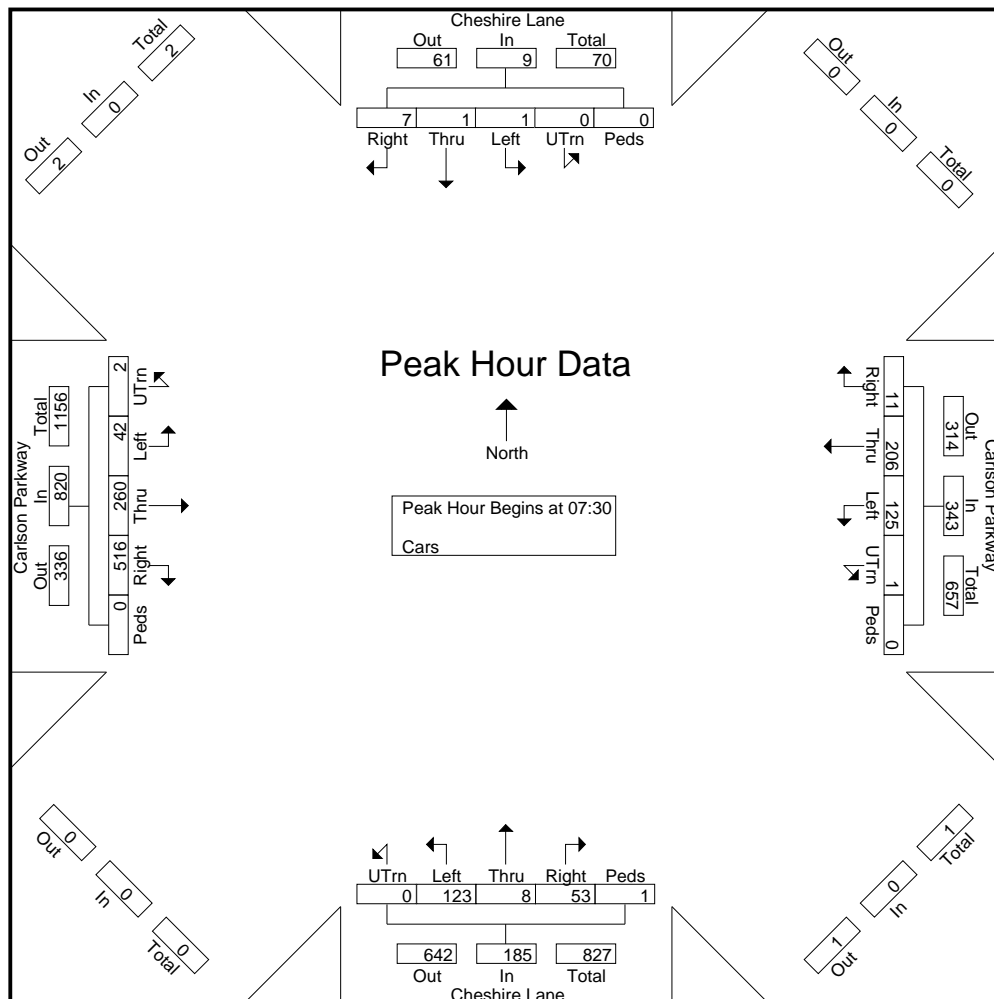
File Name : 510 - Carlson Parkway & Cheshire Lane

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Start Time	Cheshire Lane Southbound					Carlson Parkway Westbound					Cheshire Lane 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	0	0	1	0	1	0	27	60	2	0	89	0	35	3	17	0	55	2	12	46	128	0	188	333
07:45	0	1	0	0	0	1	1	42	43	2	0	88	0	28	1	18	1	48	0	7	77	137	0	221	358
08:00	0	0	0	4	0	4	0	30	57	2	0	89	0	28	2	7	0	37	0	8	79	139	0	226	356
08:15	0	0	1	2	0	3	0	26	46	5	0	77	0	32	2	11	0	45	0	15	58	112	0	185	310
Total Volume	0	1	1	7	0	9	1	125	206	11	0	343	0	123	8	53	1	185	2	42	260	516	0	820	1357
% App. Total	0	11.1	11.1	77.8	0		0.3	36.4	60.1	3.2	0		0	66.5	4.3	28.6	0.5		0.2	5.1	31.7	62.9	0		
PHF	.000	.250	.250	.438	.000	.563	.250	.744	.858	.550	.000	.963	.000	.879	.667	.736	.250	.841	.250	.700	.823	.928	.000	.907	.948



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Start Time	Cheshire Lane Southbound						Carlson Parkway Westbound						Cheshire Lane 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	
16:30	0	3	1	15	0	19	0	19	86	1	0	106	0	10	2	32	0	141	0	4	59	52	0	115	381
16:45	0	0	0	12	0	12	0	13	63	0	0	76	0	7	0	30	0	107	0	3	57	52	0	112	307
17:00	0	2	0	7	0	9	0	19	94	2	0	115	0	131	0	42	0	173	0	2	66	49	0	117	414
17:15	0	3	2	9	0	14	0	17	63	0	0	80	0	86	0	32	0	118	0	4	56	48	0	108	320
Total Volume	0	8	3	43	0	54	0	68	306	3	0	377	0	401	2	136	0	539	0	13	238	201	0	452	1422
% App. Total	0	14.8	5.6	79.6	0		0	18	81.2	0.8	0		0	74.4	0.4	25.2	0		0	2.9	52.7	44.5	0		859
PHF	.000	.667	.375	.717	.000	.711	.000	.895	.814	.375	.000	.820	.000	.765	.250	.810	.000	.779	.000	.813	.902	.966	.000	.966	.859

Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 16:30

