

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

Carlson Parkway at Twelve Oaks Center Drive File Name : 506 - Carlson Parkway & Twelve Oaks Center Drive
 Ref.Pt.: Site Code : 506
 data by Alliant Engineering Start Date : 2/11/2014
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Cars

Start Time	Carlson Parkway Southbound					Lakeshore Parkway Westbound					Carlson Parkway Northbound					Twelve Oaks Center Drive 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	3	18	7	0	0	0	0	0	0	0	4	16	0	0	0	0	0	2	0	50
06:15	0	2	13	4	0	0	0	0	0	0	0	4	17	1	0	0	0	0	8	0	49
06:30	0	4	19	15	0	0	0	0	0	0	0	17	25	3	0	0	0	3	8	0	94
06:45	0	0	0	0	0	0	1	0	0	0	0	31	39	8	0	0	0	0	0	0	79
Total	0	9	50	26	0	0	1	0	0	0	0	56	97	12	0	0	0	3	18	0	272
07:00	0	3	2	0	0	0	1	0	0	0	0	33	49	4	0	0	0	0	3	0	95
07:15	0	15	38	15	0	0	1	0	0	0	0	34	62	4	0	0	5	10	27	0	211
07:30	0	11	51	17	0	0	0	0	0	0	0	45	61	13	0	0	11	9	37	0	255
07:45	0	13	56	16	0	0	0	0	0	0	0	47	80	14	0	0	26	19	48	0	319
Total	0	42	147	48	0	0	2	0	0	0	0	159	252	35	0	0	42	38	115	0	880
08:00	0	11	37	27	0	0	1	0	0	0	0	50	92	9	0	0	22	10	35	0	294
08:15	0	18	43	30	0	0	1	0	0	0	0	49	82	12	0	0	18	10	38	0	301
08:30	0	9	38	17	0	0	0	0	0	0	0	35	78	11	0	0	9	5	42	0	244
08:45	0	7	45	23	0	0	1	0	1	0	0	34	72	7	0	0	19	1	33	0	243
Total	0	45	163	97	0	0	3	0	1	0	0	168	324	39	0	0	68	26	148	0	1082
09:00	0	12	32	22	0	0	1	0	0	0	0	45	53	2	0	0	18	4	33	0	222
09:15	0	6	23	15	0	0	3	0	2	0	0	35	25	4	0	0	15	0	27	0	155
*****BREAK*****																					
Total	0	18	55	37	0	0	4	0	2	0	0	80	78	6	0	0	33	4	60	0	377
*****BREAK*****																					
10:30	0	6	18	14	0	0	1	0	0	0	0	31	33	1	0	0	10	0	43	0	157
10:45	0	4	21	22	0	0	1	0	0	0	0	31	25	4	0	0	11	0	34	0	153
Total	0	10	39	36	0	0	2	0	0	0	0	62	58	5	0	0	21	0	77	0	310
11:00	0	6	34	14	0	0	2	0	3	0	0	33	29	6	0	0	11	1	40	0	179
11:15	0	9	29	21	0	0	7	1	3	0	0	15	37	3	0	0	14	0	42	0	181
11:30	0	3	30	16	0	0	5	1	2	0	0	21	39	3	0	0	19	1	52	0	192
11:45	0	5	40	28	0	0	3	0	5	0	0	40	35	4	0	0	22	2	35	0	219
Total	0	23	133	79	0	0	17	2	13	0	0	109	140	16	0	0	66	4	169	0	771
12:00	0	5	42	28	0	0	4	2	2	0	0	26	48	0	0	0	13	1	41	0	212
12:15	0	3	50	12	0	0	1	0	1	0	0	24	38	2	0	0	21	2	44	0	198
12:30	0	4	37	26	0	0	3	1	1	0	0	34	48	1	0	0	25	3	37	0	220
12:45	0	5	30	24	0	0	2	0	0	0	0	37	30	4	0	0	14	0	20	0	166
Total	0	17	159	90	0	0	10	3	4	0	0	121	164	7	0	0	73	6	142	0	796
13:00	0	10	41	22	0	0	1	0	0	0	0	27	43	8	0	0	15	3	31	0	201
13:15	0	7	30	18	0	0	2	0	0	0	0	46	31	3	0	0	16	1	36	0	190
13:30	0	0	0	0	0	0	0	0	1	0	0	11	2	0	0	0	0	0	1	0	15
*****BREAK*****																					
Total	0	17	71	40	0	0	3	0	1	0	0	84	76	11	0	0	31	4	68	0	406
*****BREAK*****																					
14:30	0	2	35	18	0	0	3	0	0	0	0	37	32	1	0	0	14	0	40	0	182
14:45	0	2	38	17	0	0	3	0	3	0	0	39	21	3	0	0	9	1	36	0	172
Total	0	4	73	35	0	0	6	0	3	0	0	76	53	4	0	0	23	1	76	0	354
15:00	0	1	43	19	0	0	1	1	2	0	0	32	38	2	0	0	29	1	46	0	215
15:15	0	0	46	13	0	0	1	1	6	0	0	36	40	1	0	0	18	0	39	0	201
15:30	0	2	58	17	0	0	2	1	4	0	0	33	37	5	0	0	23	0	47	0	229
15:45	0	2	55	21	0	0	2	2	2	0	0	42	44	2	0	0	12	1	40	0	225
Total	0	5	202	70	0	0	6	5	14	0	0	143	159	10	0	0	82	2	172	0	870
16:00	0	1	93	13	0	0	1	4	0	0	0	51	69	5	0	1	17	2	69	0	326
16:15	0	3	76	21	0	0	4	5	6	0	0	51	42	0	0	0	15	1	57	0	281
16:30	0	3	111	22	0	0	4	5	5	0	0	62	69	0	0	0	25	0	59	0	365

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Carlson Parkway at Twelve Oaks Center Drive File Name : 506 - Carlson Parkway & Twelve Oaks Center Drive
 Ref.Pt.: Site Code : 506
 data by Alliant Engineering Start Date : 2/11/2014
 TURN MOVEMENT COUNT Page No : 2

Groups Printed- Cars

Start Time	Carlson Parkway Southbound					Lakeshore Parkway Westbound					Carlson Parkway Northbound					Twelve Oaks Center Drive Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
16:45	0	1	89	18	0	0	3	2	7	0	0	52	69	8	0	0	20	0	71	0	340
Total	0	8	369	74	0	0	12	16	18	0	0	216	249	13	0	1	77	3	256	0	1312
17:00	0	3	126	16	0	0	9	7	5	0	0	55	54	2	0	0	31	1	83	0	392
17:15	0	6	89	25	0	0	3	4	5	0	0	50	72	3	0	0	19	2	46	0	324
17:30	0	1	97	7	0	0	2	6	3	0	0	38	57	0	0	0	20	1	58	0	290
17:45	0	1	63	16	0	0	2	3	1	0	0	50	52	2	0	0	15	0	38	0	243
Total	0	11	375	64	0	0	16	20	14	0	0	193	235	7	0	0	85	4	225	0	1249
Grand Total	0	209	1836	696	0	0	82	46	70	0	0	1467	1885	165	0	1	601	95	1526	0	8679
Apprch %	0	7.6	67	25.4	0	0	41.4	23.2	35.4	0	0	41.7	53.6	4.7	0	0	27	4.3	68.6	0	
Total %	0	2.4	21.2	8	0	0	0.9	0.5	0.8	0	0	16.9	21.7	1.9	0	0	6.9	1.1	17.6	0	

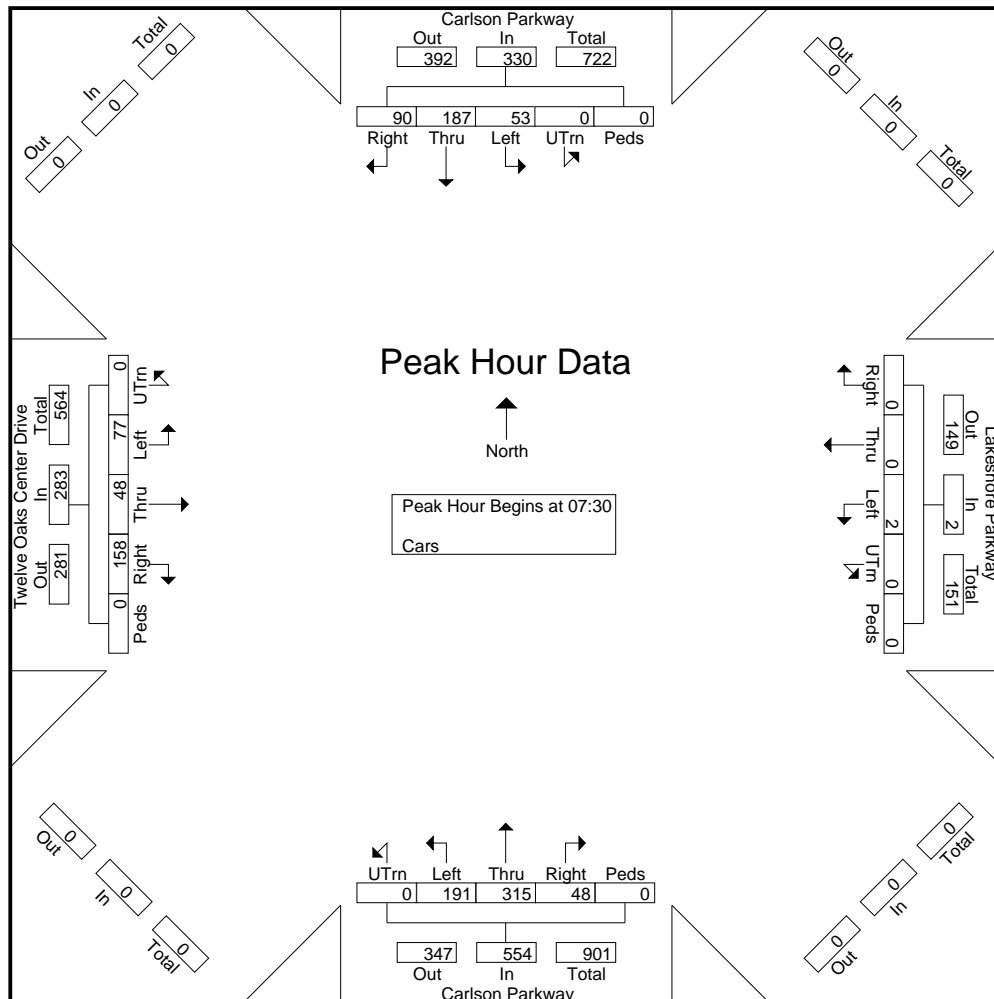
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 Ref.Pt.: Site Code : 506
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 TURN MOVEMENT COUNT Page No : 3

Start Time	Carlson Parkway Southbound						Lakeshore Parkway Westbound						Carlson Parkway Northbound						Twelve Oaks Center Drive 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	
07:30	0	11	51	17	0	79	0	0	0	0	0	0	0	45	61	13	0	119	0	11	9	37	0	57	255
07:45	0	13	56	16	0	85	0	0	0	0	0	0	0	47	80	14	0	141	0	26	19	48	0	93	319
08:00	0	11	37	27	0	75	0	1	0	0	0	1	0	50	92	9	0	151	0	22	10	35	0	67	294
08:15	0	18	43	30	0	91	0	1	0	0	0	1	0	49	82	12	0	143	0	18	10	38	0	66	301
Total Volume	0	53	187	90	0	330	0	2	0	0	0	2	0	191	315	48	0	554	0	77	48	158	0	283	1169
% App. Total	0	16.1	56.7	27.3	0		0	100	0	0	0		0	34.5	56.9	8.7	0		0	27.2	17	55.8	0		
PHF	.000	.736	.835	.750	.000	.907	.000	.500	.000	.000	.000	.500	.000	.955	.856	.857	.000	.917	.000	.740	.632	.823	.000	.761	.916



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 data by Alliant Engineering Start Date : 2/11/2014
 TURN MOVEMENT COUNT Page No : 4

Start Time	Carlson Parkway Southbound						Lakeshore Parkway Westbound						Carlson Parkway Northbound						Twelve Oaks Center Drive 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	11	22	0	136	0	4	5	5	0	14	0	62	69	0	0	131	0	25	0	59	0	84	365
16:45	0	1	89	18	0	108	0	3	2	7	0	12	0	52	69	8	0	129	0	20	0	71	0	91	340
17:00	0	3	126	16	0	145	0	9	7	5	0	21	0	55	54	2	0	111	0	31	1	83	0	115	392
17:15	0	6	89	25	0	120	0	3	4	5	0	12	0	50	72	3	0	125	0	19	2	46	0	67	324
Total Volume	0	13	415	81	0	509	0	19	18	22	0	59	0	219	264	13	0	496	0	95	3	259	0	357	1421
% App. Total	0	2.6	81.5	15.9	0		0	32.2	30.5	37.3	0		0	44.2	53.2	2.6	0		0	26.6	0.8	72.5	0		
PHF	.000	.542	.823	.810	.000	.878	.000	.528	.643	.786	.000	.702	.000	.883	.917	.406	.000	.947	.000	.766	.375	.780	.000	.776	.906

