

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-12 at Carlson Parkway, NORTH RAMPS

Ref.Pt.: 156.558

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 505 - Carlson Parkway & TH12 North Ramp

Site Code : 505

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

Start Time	Carlson Parkway Southbound					Deer Creek Parkway Westbound					Carlson Parkway Northbound					TH 12 North Ramp 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	4	17	2	0	0	1	1	1	0	0	2	11	1	0	0	11	8	8	0	67
06:15	0	2	25	0	0	0	0	0	3	0	0	2	8	2	0	0	14	16	4	0	76
06:30	0	6	26	1	0	0	1	1	0	0	0	4	22	3	0	0	22	30	8	0	124
06:45	0	7	32	2	0	0	0	1	0	0	0	7	23	10	0	0	47	39	7	0	175
Total	0	19	100	5	0	0	2	3	4	0	0	15	64	16	0	0	94	93	27	0	442
07:00	0	8	42	4	0	0	3	0	0	0	0	11	35	10	0	0	50	31	13	0	207
07:15	0	11	50	4	0	0	0	0	1	0	0	8	38	8	0	0	54	73	24	0	271
07:30	0	13	56	1	0	0	0	0	0	1	0	2	33	16	0	0	78	97	22	0	319
07:45	0	27	75	4	0	0	0	0	0	0	0	8	53	20	0	0	87	83	27	0	384
Total	0	59	223	13	0	0	3	0	1	1	0	29	159	54	0	0	269	284	86	0	1181
08:00	0	22	32	2	0	0	2	1	0	0	0	15	52	19	0	0	59	105	21	0	330
08:15	0	19	47	3	0	0	0	0	1	0	0	8	51	18	0	0	78	95	19	0	339
08:30	0	17	54	10	0	0	8	6	3	0	0	15	44	11	0	0	62	105	19	0	354
08:45	0	19	46	5	0	0	5	1	0	0	0	11	35	14	0	0	61	55	28	0	280
Total	0	77	179	20	0	0	15	8	4	0	0	49	182	62	0	0	260	360	87	0	1303
09:00	0	10	54	4	0	0	3	0	3	0	0	14	35	11	0	0	59	45	13	0	251
09:15	0	11	36	14	0	0	5	1	2	0	0	8	22	6	0	0	33	29	9	0	176
*****BREAK*****																					
Total	0	21	90	18	0	0	8	1	5	0	0	22	57	17	0	0	92	74	22	0	427
*****BREAK*****																					
10:30	0	4	44	15	0	0	4	2	6	0	0	8	33	2	0	0	27	9	12	0	166
10:45	0	3	43	13	0	0	4	1	7	1	0	14	24	2	0	0	38	6	9	0	165
Total	0	7	87	28	0	0	8	3	13	1	0	22	57	4	0	0	65	15	21	0	331
11:00	0	1	54	13	0	0	10	1	5	0	0	15	28	0	0	0	29	7	16	0	179
11:15	0	2	57	18	0	0	18	3	7	0	0	13	22	2	0	0	21	4	11	0	178
11:30	0	4	61	22	0	0	19	8	17	0	0	19	28	1	0	0	18	7	14	0	218
11:45	0	2	58	12	0	0	11	7	8	0	0	19	30	1	0	0	35	9	9	0	201
Total	0	9	230	65	0	0	58	19	37	0	0	66	108	4	0	0	103	27	50	0	776
12:00	0	6	63	14	0	0	26	6	6	0	0	15	30	2	0	0	32	9	13	0	222
12:15	0	8	68	18	0	0	9	4	6	0	0	19	38	1	0	0	20	8	17	0	216
12:30	0	5	61	19	0	0	13	2	5	0	0	20	52	4	0	0	30	9	17	0	237
12:45	0	8	35	11	0	0	6	4	10	0	0	22	34	1	0	0	34	20	18	0	203
Total	0	27	227	62	0	0	54	16	27	0	0	76	154	8	0	0	116	46	65	0	878
13:00	0	5	43	22	0	0	8	2	6	0	0	22	36	11	0	0	37	14	13	0	219
13:15	0	6	48	13	0	0	7	2	5	0	0	20	33	1	0	0	43	3	16	0	197
*****BREAK*****																					
Total	0	11	91	35	0	0	15	4	11	0	0	42	69	12	0	0	80	17	29	0	416
*****BREAK*****																					
14:30	0	1	58	16	0	0	17	6	6	0	0	25	33	2	0	0	34	5	12	0	215
14:45	0	4	52	19	0	0	4	3	4	0	0	33	26	4	0	0	30	3	21	0	203
Total	0	5	110	35	0	0	21	9	10	0	0	58	59	6	0	0	64	8	33	0	418
15:00	0	2	55	14	0	0	35	3	17	0	0	33	38	1	0	0	27	3	14	0	242
15:15	0	2	56	30	0	0	18	5	8	0	0	25	34	1	0	0	31	5	12	0	227
15:30	0	2	74	23	0	0	40	4	7	0	0	30	37	1	0	0	30	8	18	0	274
15:45	0	2	75	25	0	0	31	3	16	0	0	28	36	0	0	0	31	6	22	0	275
Total	0	8	260	92	0	0	124	15	48	0	0	116	145	3	0	0	119	22	66	0	1018
16:00	0	1	106	53	0	0	55	8	25	0	0	26	50	1	0	0	44	0	33	0	402
16:15	0	3	92	38	0	0	59	6	27	0	0	29	39	0	0	0	37	4	12	0	346
16:30	0	2	111	38	0	0	79	12	25	0	0	34	52	0	0	0	41	3	21	0	418
16:45	0	2	114	48	0	0	83	29	24	0	0	33	55	0	0	0	40	1	18	0	447
Total	0	8	423	177	0	0	276	55	101	0	0	122	196	1	0	0	162	8	84	0	1613

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TURN MOVEMENT COUNT

File Name : 505 - Carlson Parkway & TH12 North Ramp

Site Code : 505

Start Date : 2/11/2014

Page No : 2

Groups Printed- Cars

Start Time	Carlson Parkway Southbound					Deer Creek Parkway Westbound					Carlson Parkway Northbound					TH 12 North Ramp 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	0	147	59	0	0	105	18	24	0	0	47	39	1	0	0	36	2	18	0	496
17:15	0	2	95	48	0	0	100	28	30	0	0	33	45	0	0	0	40	1	26	0	448
17:30	0	1	110	44	0	0	68	19	12	0	0	37	48	0	0	0	25	1	28	0	393
17:45	0	1	76	25	0	0	56	17	20	0	0	30	53	0	0	0	23	0	25	0	326
Total	0	4	428	176	0	0	329	82	86	0	0	147	185	1	0	0	124	4	97	0	1663
Grand Total	0	255	2448	726	0	0	913	215	347	2	0	764	1435	188	0	0	1548	958	667	0	10466
Apprch %	0	7.4	71.4	21.2	0	0	61.8	14.6	23.5	0.1	0	32	60.1	7.9	0	0	48.8	30.2	21	0	
Total %	0	2.4	23.4	6.9	0	0	8.7	2.1	3.3	0	0	7.3	13.7	1.8	0	0	14.8	9.2	6.4	0	

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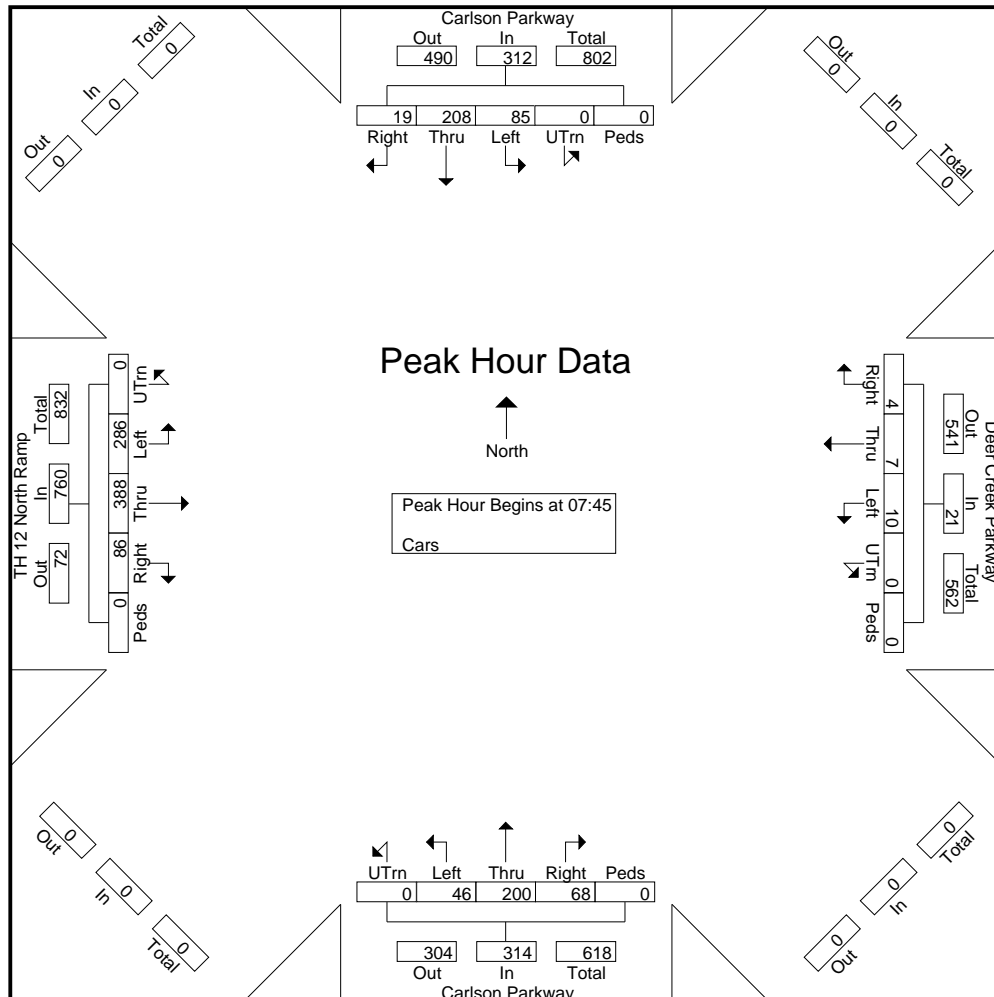
File Name : 505 - Carlson Parkway & TH12 North Ramp

Site Code : 505

Start Date : 2/11/2014

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Start Time	Carlson Parkway Southbound						Deer Creek Parkway Westbound						Carlson Parkway Northbound						TH 12 North Ramp 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 07:45																									
07:45	0	27	75	4	0	106	0	0	0	0	0	0	0	8	53	20	0	81	0	87	83	27	0	197	384
08:00	0	22	32	2	0	56	0	2	1	0	0	3	0	15	52	19	0	86	0	59	105	21	0	185	330
08:15	0	19	47	3	0	69	0	0	0	1	0	1	0	8	51	18	0	77	0	78	95	19	0	192	339
08:30	0	17	54	10	0	81	0	8	6	3	0	17	0	15	44	11	0	70	0	62	105	19	0	186	354
Total Volume	0	85	208	19	0	312	0	10	7	4	0	21	0	46	200	68	0	314	0	286	388	86	0	760	1407
% App. Total	0	27.2	66.7	6.1	0		0	47.6	33.3	19	0		0	14.6	63.7	21.7	0		0	37.6	51.1	11.3	0		
PHF	.000	.787	.693	.475	.000	.736	.000	.313	.292	.333	.000	.309	.000	.767	.943	.850	.000	.913	.000	.822	.924	.796	.000	.964	.916



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Page No : 4

Start Time	Carlson Parkway Southbound						Deer Creek Parkway Westbound						Carlson Parkway Northbound						TH 12 North Ramp 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	2	11	38	0	151	0	79	12	25	0	116	0	34	52	0	0	86	0	41	3	21	0	65	418
16:45	0	2	11	48	0	164	0	83	29	24	0	136	0	33	55	0	0	88	0	40	1	18	0	59	447
17:00	0	0	147	59	0	206	0	105	18	24	0	147	0	47	39	1	0	87	0	36	2	18	0	56	496
17:15	0	2	95	48	0	145	0	100	28	30	0	158	0	33	45	0	0	78	0	40	1	26	0	67	448
Total Volume	0	6	467	193	0	666	0	367	87	103	0	557	0	147	191	1	0	339	0	157	7	83	0	247	1809
% App. Total	0	0.9	70.1	29	0		0	65.9	15.6	18.5	0		0	43.4	56.3	0.3	0		0	63.6	2.8	33.6	0		
PHF	.000	.750	.794	.818	.000	.808	.000	.874	.750	.858	.000	.881	.000	.782	.868	.250	.000	.963	.000	.957	.583	.798	.000	.922	.912

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

