

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 37th Ave NE
Ref.Pt.: 005.371
Data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 9 - TH 47 & 37th Ave
Site Code : 9
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					37th Ave NE Westbound					TH-47 Northbound					37th Ave NE Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
06:00	3	100	7	0	0	2	1	10	0	0	0	23	0	0	0	3	0	2	0	0	151
06:15	4	153	21	0	0	1	1	6	0	0	2	27	1	0	0	3	1	2	0	0	222
06:30	2	211	19	0	0	1	8	18	0	0	0	45	1	0	0	9	4	3	0	0	321
06:45	13	218	27	0	1	5	4	22	0	0	2	25	1	0	1	7	8	3	0	0	337
Total	22	682	74	0	1	9	14	56	0	0	4	120	3	0	1	22	13	10	0	0	1031
07:00	3	223	18	0	0	0	2	21	0	0	7	48	2	0	2	7	2	2	0	0	337
07:15	2	270	22	0	0	1	3	25	0	0	2	38	1	0	1	6	7	6	0	0	384
07:30	3	262	25	0	0	1	5	23	0	0	7	47	0	0	0	12	6	7	0	0	398
07:45	6	270	30	0	0	0	6	26	1	0	13	61	4	0	0	8	7	5	0	0	437
Total	14	1025	95	0	0	2	16	95	1	0	29	194	7	0	3	33	22	20	0	0	1556
08:00	3	219	23	0	0	1	3	29	0	0	5	55	4	0	1	7	6	3	0	0	359
08:15	3	194	11	0	0	2	5	19	0	0	3	49	3	0	2	8	2	7	0	0	308
08:30	4	153	23	0	0	3	4	17	0	0	3	40	1	0	2	5	4	3	0	0	262
08:45	3	123	23	0	0	0	2	15	0	0	7	39	1	0	0	5	7	3	0	0	228
Total	13	689	80	0	0	6	14	80	0	0	18	183	9	0	5	25	19	16	0	0	1157
09:00	5	97	10	0	0	1	10	18	0	0	4	46	5	0	0	4	2	1	0	0	203
09:15	2	97	13	0	0	2	6	6	0	0	3	55	3	0	0	4	3	2	0	0	196
*****BREAK*****																					
Total	7	194	23	0	0	3	16	24	0	0	7	101	8	0	0	8	5	3	0	0	399
*****BREAK*****																					
10:30	4	67	7	0	0	0	7	15	0	0	5	38	3	0	0	1	2	6	0	0	155
10:45	7	52	11	0	0	1	4	6	0	0	11	55	0	0	0	4	4	5	0	0	160
Total	11	119	18	0	0	1	11	21	0	0	16	93	3	0	0	5	6	11	0	0	315
11:00	0	54	15	0	0	1	2	6	0	0	6	54	1	0	0	3	5	3	0	0	150
11:15	5	64	15	0	0	1	4	9	0	0	8	49	0	0	0	6	2	5	0	0	168
11:30	1	68	9	0	0	1	5	15	0	0	5	71	4	0	0	4	8	6	0	0	197
11:45	2	79	12	0	0	1	5	15	0	0	10	84	3	1	0	9	7	6	0	0	234
Total	8	265	51	0	0	4	16	45	0	0	29	258	8	1	0	22	22	20	0	0	749
12:00	2	79	16	0	0	2	4	6	1	0	10	78	2	0	2	3	6	8	0	0	219
12:15	4	76	15	0	0	3	9	20	0	0	11	75	4	1	2	2	4	4	0	0	230
12:30	5	77	9	0	0	2	6	12	0	0	11	80	5	0	1	6	2	4	0	0	220
12:45	6	67	15	0	0	3	4	11	1	0	11	72	0	0	0	5	6	6	0	0	207
Total	17	299	55	0	0	10	23	49	2	0	43	305	11	1	5	16	18	22	0	0	876
13:00	5	73	10	0	0	0	7	6	0	0	12	87	9	0	0	2	7	3	0	0	221
13:15	4	68	10	0	0	4	8	13	0	0	13	74	3	0	0	3	4	3	0	0	207
*****BREAK*****																					
Total	9	141	20	0	0	4	15	19	0	0	25	161	12	0	0	5	11	6	0	0	428
*****BREAK*****																					
14:30	7	88	13	0	0	0	10	6	0	0	9	104	2	0	3	5	2	6	0	3	258
14:45	1	73	21	0	0	0	6	11	0	0	10	104	4	0	0	3	1	8	0	0	242
Total	8	161	34	0	0	0	16	17	0	0	19	208	6	0	3	8	3	14	0	3	500
15:00	6	90	34	0	0	1	7	12	0	0	11	126	4	0	2	1	1	4	0	0	299
15:15	4	93	20	0	0	1	4	10	0	0	15	147	3	0	1	5	5	6	0	0	314
15:30	5	99	18	0	0	2	7	20	0	0	17	187	2	0	1	5	4	7	0	0	374
15:45	4	74	21	0	0	3	7	21	0	0	6	153	9	0	0	5	6	4	0	0	313
Total	19	356	93	0	0	7	25	63	0	0	49	613	18	0	4	16	16	21	0	0	1300

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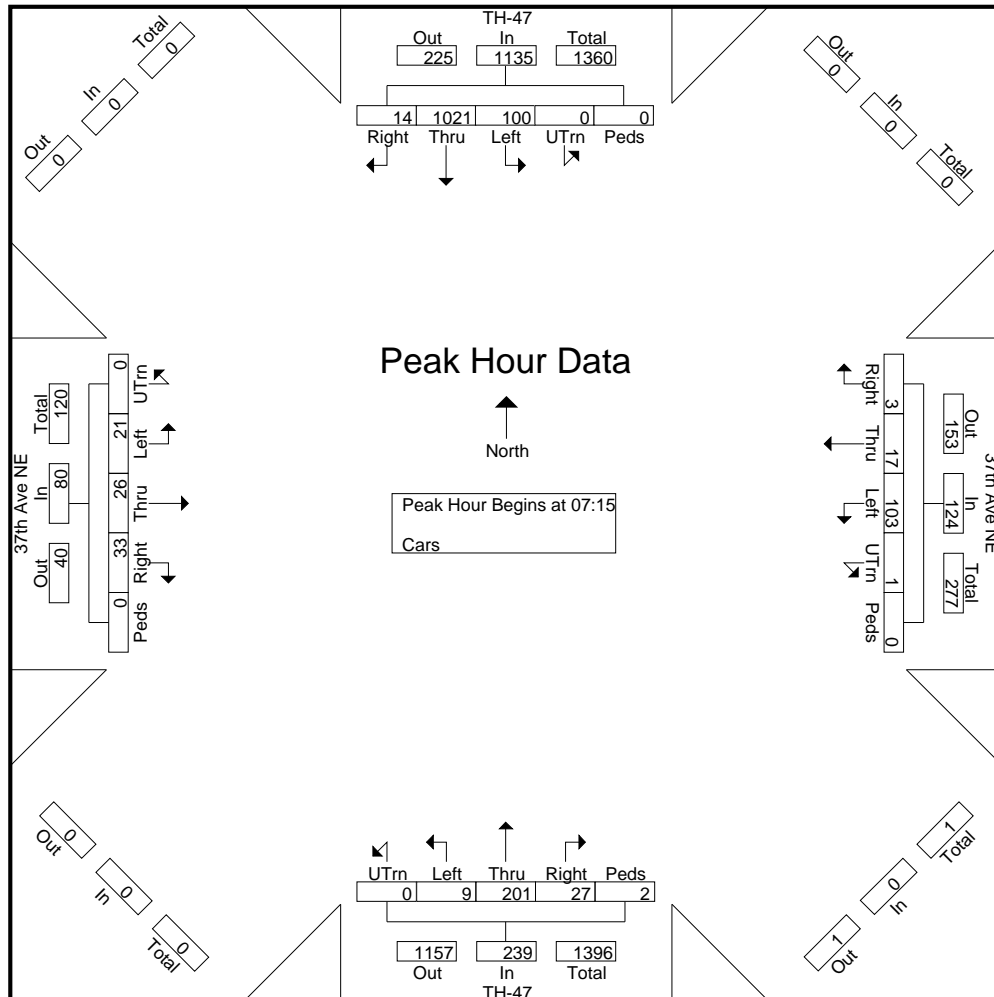
Start Time	TH-47 Southbound					37th Ave NE Westbound					TH-47 Northbound					37th Ave NE Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
16:00	1	93	23	0	0	4	12	14	0	0	18	219	5	0	0	8	9	10	0	0	416
16:15	4	93	24	0	0	6	4	13	0	0	17	230	2	0	1	7	4	7	0	0	412
16:30	3	113	27	0	0	4	9	15	0	0	19	295	2	0	0	9	11	7	0	0	514
16:45	5	90	36	0	0	8	10	17	0	0	18	253	8	0	0	6	6	10	0	0	467
Total	13	389	110	0	0	22	35	59	0	0	72	997	17	0	1	30	30	34	0	0	1809
17:00	12	97	28	0	0	6	9	9	0	0	24	279	5	0	0	5	3	9	0	0	486
17:15	9	115	24	0	0	7	2	11	0	0	18	221	6	1	1	3	5	6	0	0	429
17:30	4	84	23	0	0	4	5	12	0	0	20	233	5	0	1	4	5	6	0	0	406
17:45	7	92	18	0	0	2	11	11	0	0	14	156	7	0	0	3	8	6	0	0	335
Total	32	388	93	0	0	19	27	43	0	0	76	889	23	1	2	15	21	27	0	0	1656
18:00	7	79	20	0	0	5	5	11	0	0	17	131	5	0	1	9	9	6	0	0	305
18:15	5	79	15	0	0	6	7	13	0	0	13	111	5	0	0	5	9	11	0	0	279
Grand Total	185	4866	781	0	1	98	240	595	3	0	417	4364	135	3	25	219	204	221	0	3	12360
Apprch %	3.2	83.4	13.4	0	0	10.5	25.6	63.6	0.3	0	8.4	88.3	2.7	0.1	0.5	33.8	31.5	34.2	0	0.5	
Total %	1.5	39.4	6.3	0	0	0.8	1.9	4.8	0	0	3.4	35.3	1.1	0	0.2	1.8	1.7	1.8	0	0	

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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:15	2	270	22	0	0	294	1	3	25	0	0	29	2	38	1	0	1	42	6	7	6	0	0	19	384
07:30	3	262	25	0	0	290	1	5	23	0	0	29	7	47	0	0	0	54	12	6	7	0	0	25	398
07:45	6	270	30	0	0	306	0	6	26	1	0	33	13	61	4	0	0	78	8	7	5	0	0	20	437
08:00	3	219	23	0	0	245	1	3	29	0	0	33	5	55	4	0	1	65	7	6	3	0	0	16	359
Total Volume	14	1021	100	0	0	1135	3	17	103	1	0	124	27	201	9	0	2	239	33	26	21	0	0	80	1578
% App. Total	1.2	90	8.8	0	0		2.4	13.7	83.1	0.8	0		11.3	84.1	3.8	0	0.8		41.2	32.5	26.2	0	0		
PHF	.583	.945	.833	.000	.000	.927	.750	.708	.888	.250	.000	.939	.519	.824	.563	.000	.500	.766	.688	.929	.750	.000	.000	.800	.903



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Start Time	TH-47 Southbound						37th Ave NE Westbound						TH-47 Northbound						37th Ave NE Eastbound						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
16:30	3	113	27	0	0	143	4	9	15	0	0	28	19	295	2	0	0	316	9	11	7	0	0	27	514
16:45	5	90	36	0	0	131	8	10	17	0	0	35	18	253	8	0	0	279	6	6	10	0	0	22	467
17:00	12	97	28	0	0	137	6	9	9	0	0	24	24	279	5	0	0	308	5	3	9	0	0	17	486
17:15	9	115	24	0	0	148	7	2	11	0	0	20	18	221	6	1	1	247	3	5	6	0	0	14	429
Total Volume	29	415	115	0	0	559	25	30	52	0	0	107	79	1048	21	1	1	1150	23	25	32	0	0	80	1896
% App. Total	5.2	74.2	20.6	0	0		23.4	28	48.6	0	0		6.9	91.1	1.8	0.1	0.1		28.8	31.2	40	0	0		
PHF	.604	.902	.799	.000	.000	.944	.781	.750	.765	.000	.000	.764	.823	.888	.656	.250	.250	.910	.639	.568	.800	.000	.000	.741	.922

Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 16:30

