

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 57th Ave NE
Ref.Pt.: 007.868
Data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 16 - TH 47 & 57th Ave
Site Code : 16
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					57th Ave NE Westbound					TH-47 Northbound					57th 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	21	172	2	0	0	4	6	4	0	0	8	90	17	0	0	26	3	6	0	0	359
06:15	13	287	13	0	0	5	3	15	0	0	8	96	23	0	0	31	0	4	0	0	498
06:30	16	369	5	0	0	10	14	26	0	0	6	159	29	0	0	39	1	8	0	0	682
06:45	22	373	8	0	1	6	8	17	0	0	13	171	24	0	0	21	3	6	0	0	673
Total	72	1201	28	0	1	25	31	62	0	0	35	516	93	0	0	117	7	24	0	0	2212
07:00	15	378	6	0	0	2	2	11	0	0	13	174	21	0	2	26	3	12	0	0	665
07:15	11	493	12	0	0	9	8	11	0	0	18	168	28	0	0	19	1	5	0	0	783
07:30	14	387	8	0	2	7	7	17	0	0	21	166	17	0	0	26	5	10	0	0	687
07:45	21	366	15	0	1	2	9	12	0	0	21	248	20	0	4	20	6	7	0	0	752
Total	61	1624	41	0	3	20	26	51	0	0	73	756	86	0	6	91	15	34	0	0	2887
08:00	18	307	8	0	0	5	13	14	0	0	26	193	19	0	0	29	6	9	0	0	647
08:15	14	306	7	0	0	5	9	16	0	0	20	155	20	0	0	19	6	11	0	0	588
08:30	25	245	11	0	0	3	7	13	0	0	22	175	19	0	1	34	1	8	0	0	564
08:45	14	175	10	0	0	6	9	15	0	0	15	189	15	0	0	40	7	9	0	0	504
Total	71	1033	36	0	0	19	38	58	0	0	83	712	73	0	1	122	20	37	0	0	2303
09:00	19	200	7	0	1	5	9	11	0	0	9	168	12	0	0	34	6	8	0	0	489
09:15	17	226	2	0	1	3	7	14	0	0	11	158	28	0	0	29	3	8	0	0	507
*****BREAK*****																					
Total	36	426	9	0	2	8	16	25	0	0	20	326	40	0	0	63	9	16	0	0	996
*****BREAK*****																					
10:30	12	173	3	0	1	3	5	5	0	0	3	149	16	0	0	32	6	18	0	0	426
10:45	15	141	9	0	1	4	7	13	0	0	7	213	20	0	0	24	5	12	0	1	472
Total	27	314	12	0	2	7	12	18	0	0	10	362	36	0	0	56	11	30	0	1	898
11:00	17	196	4	0	0	4	12	12	0	0	11	127	22	0	0	18	4	17	0	0	444
11:15	27	154	5	0	2	6	9	12	0	0	6	172	9	0	0	46	8	13	0	0	469
11:30	17	222	5	0	1	2	15	11	0	0	11	181	27	0	2	40	13	27	0	0	574
11:45	18	200	7	0	0	8	12	13	0	0	10	190	25	0	1	29	4	19	0	0	536
Total	79	772	21	0	3	20	48	48	0	0	38	670	83	0	3	133	29	76	0	0	2023
12:00	20	215	16	0	0	9	15	8	0	0	6	145	20	0	0	25	10	26	0	0	515
12:15	9	194	6	0	0	6	7	8	0	0	12	211	32	0	0	29	10	25	0	0	549
12:30	9	205	3	0	0	10	8	6	0	0	11	192	39	0	0	30	5	19	0	0	537
12:45	15	202	11	0	0	7	8	11	0	0	13	203	20	0	0	25	6	20	0	0	541
Total	53	816	36	0	0	32	38	33	0	0	42	751	111	0	0	109	31	90	0	0	2142
13:00	10	216	5	0	0	9	16	9	0	0	9	187	38	0	0	35	12	19	0	0	565
13:15	24	198	6	0	1	10	7	11	0	0	15	231	30	0	0	23	4	30	0	0	590
*****BREAK*****																					
Total	34	414	11	0	1	19	23	20	0	0	24	418	68	0	0	58	16	49	0	0	1155
*****BREAK*****																					
14:30	30	269	10	0	0	13	15	12	0	0	19	288	27	0	1	33	5	33	0	0	755
14:45	24	220	12	0	0	12	6	16	0	0	16	316	24	0	1	33	10	14	0	0	704
Total	54	489	22	0	0	25	21	28	0	0	35	604	51	0	2	66	15	47	0	0	1459
15:00	22	226	10	0	0	14	14	13	0	0	12	268	26	0	2	30	4	30	0	0	671
15:15	17	270	6	0	3	8	15	15	0	0	13	341	28	0	0	27	4	29	0	0	776
15:30	17	229	10	0	0	11	20	11	0	0	21	346	26	0	0	64	16	27	0	0	798
15:45	21	227	10	0	2	10	6	14	0	0	25	347	30	0	0	42	16	28	0	0	778
Total	77	952	36	0	5	43	55	53	0	0	71	1302	110	0	2	163	40	114	0	0	3023

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Groups Printed- Cars

Start Time	TH-47 Southbound					57th Ave NE Westbound					TH-47 Northbound					57th 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	11	248	4	0	2	8	14	11	0	0	12	390	39	0	0	43	5	30	0	0	817
16:15	23	263	9	0	1	18	6	7	0	0	18	380	22	0	1	47	10	24	0	0	829
16:30	12	359	6	0	0	10	15	16	0	0	22	456	28	0	1	27	3	19	0	0	974
16:45	18	250	5	0	0	10	17	10	0	0	19	438	28	0	2	28	13	36	0	0	874
Total	64	1120	24	0	3	46	52	44	0	0	71	1664	117	0	4	145	31	109	0	0	3494
17:00	17	248	5	0	1	11	11	14	0	0	31	400	32	0	0	44	10	24	0	0	848
17:15	18	280	4	0	1	9	11	20	0	0	20	426	32	0	1	46	17	23	0	0	908
17:30	22	220	12	0	0	13	11	23	0	0	15	384	34	0	0	58	8	23	0	0	823
17:45	16	219	4	0	0	0	0	0	0	0	19	360	31	0	0	33	2	19	0	0	703
Total	73	967	25	0	2	33	33	57	0	0	85	1570	129	0	1	181	37	89	0	0	3282
18:00	14	203	8	0	0	0	0	0	0	1	18	322	31	0	0	35	6	16	0	0	654
18:15	19	136	7	0	1	0	0	0	0	0	21	251	29	0	0	48	10	21	0	0	543
Grand Total	734	10467	316	0	23	297	393	497	0	1	626	10224	1057	0	19	1387	277	752	0	1	27071
Apprch %	6.4	90.7	2.7	0	0.2	25	33.1	41.8	0	0.1	5.2	85.7	8.9	0	0.2	57.4	11.5	31.1	0	0	
Total %	2.7	38.7	1.2	0	0.1	1.1	1.5	1.8	0	0	2.3	37.8	3.9	0	0.1	5.1	1	2.8	0	0	

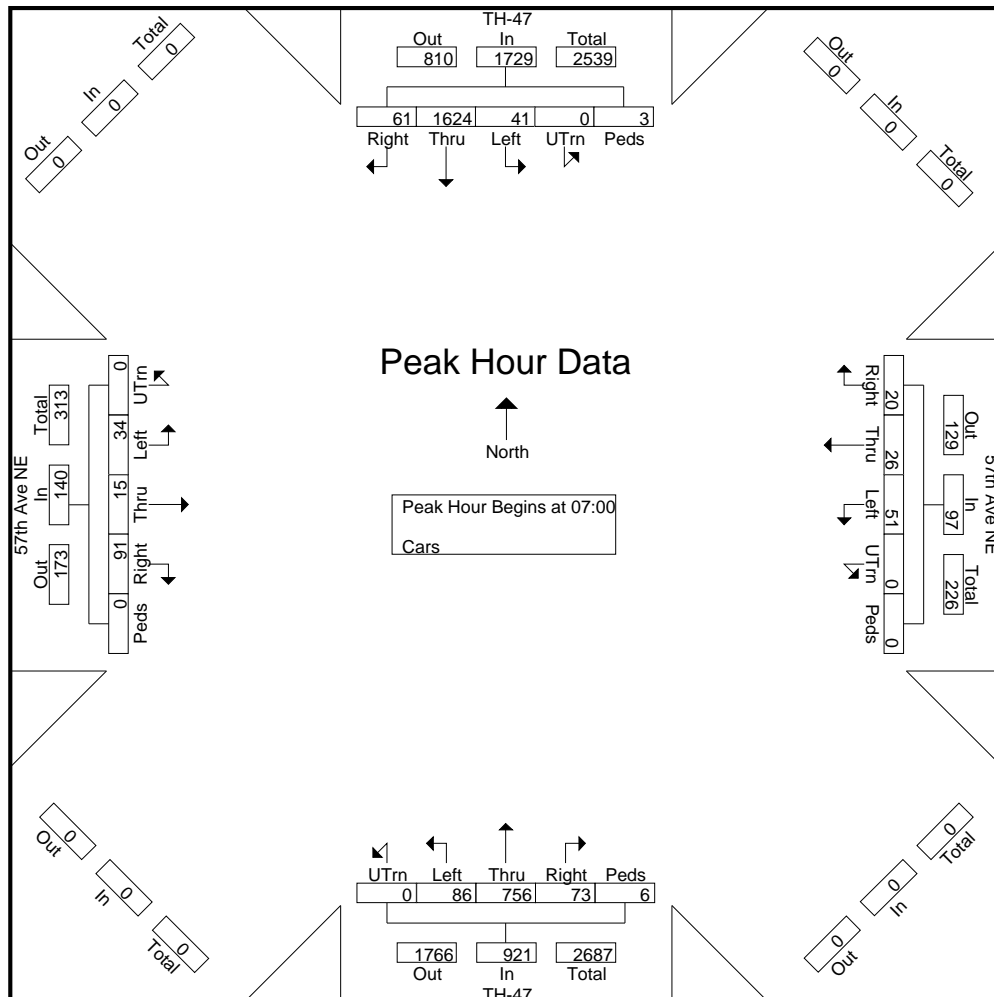
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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:00	15	378	6	0	0	399	2	2	11	0	0	15	13	174	21	0	2	210	26	3	12	0	0	41	665
07:15	11	493	12	0	0	516	9	8	11	0	0	28	18	168	28	0	0	214	19	1	5	0	0	25	783
07:30	14	387	8	0	2	411	7	7	17	0	0	31	21	166	17	0	0	204	26	5	10	0	0	41	687
07:45	21	366	15	0	1	403	2	9	12	0	0	23	21	248	20	0	4	293	20	6	7	0	0	33	752
Total Volume	61	1624	41	0	3	1729	20	26	51	0	0	97	73	756	86	0	6	921	91	15	34	0	0	140	2887
% App. Total	3.5	93.9	2.4	0	0.2		20.6	26.8	52.6	0	0		7.9	82.1	9.3	0	0.7		65	10.7	24.3	0	0		
PHF	.726	.824	.683	.000	.375	.838	.556	.722	.750	.000	.000	.782	.869	.762	.768	.000	.375	.786	.875	.625	.708	.000	.000	.854	.922

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 07:00



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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	
Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 16:30																									
16:30	12	359	6	0	0	377	10	15	16	0	0	41	22	456	28	0	1	507	27	3	19	0	0	49	974
16:45	18	250	5	0	0	273	10	17	10	0	0	37	19	438	28	0	2	487	28	13	36	0	0	77	874
17:00	17	248	5	0	1	271	11	11	14	0	0	36	31	400	32	0	0	463	44	10	24	0	0	78	848
17:15	18	280	4	0	1	303	9	11	20	0	0	40	20	426	32	0	1	479	46	17	23	0	0	86	908
Total Volume	65	1137	20	0	2	1224	40	54	60	0	0	154	92	1720	120	0	4	1936	145	43	102	0	0	290	3604
% App. Total	5.3	92.9	1.6	0	0.2		26	35.1	39	0	0		4.8	88.8	6.2	0	0.2		50	14.8	35.2	0	0		
PHF	.903	.792	.833	.000	.500	.812	.909	.794	.750	.000	.000	.939	.742	.943	.938	.000	.500	.955	.788	.632	.708	.000	.000	.843	.925

