

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 61st Ave NE
Ref.Pt.: 008.385
Data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 17 - TH 47 & 61st Ave
Site Code : 17
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH 47 Southbound					61st Ave NE Westbound					TH 47 Northbound					61st 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	6	186	2	0	1	2	2	8	0	0	9	89	2	0	1	1	1	4	0	1	315
06:15	11	288	1	0	0	1	3	13	0	0	5	100	0	0	2	12	0	5	0	0	441
06:30	11	370	4	0	0	1	5	9	0	0	8	168	1	0	0	11	1	2	0	0	591
06:45	16	377	6	0	0	4	2	12	0	0	10	170	3	0	2	14	2	6	0	0	624
Total	44	1221	13	0	1	8	12	42	0	0	32	527	6	0	5	38	4	17	0	1	1971
07:00	18	385	8	0	0	3	2	13	0	0	18	170	0	0	1	1	3	9	0	0	631
07:15	10	504	11	0	0	9	7	10	0	0	24	158	0	0	0	2	6	3	0	0	744
07:30	10	388	10	0	0	9	4	17	0	0	25	156	2	0	3	4	8	4	0	0	640
07:45	19	370	22	0	0	12	13	29	0	0	41	215	1	0	3	3	18	13	0	0	759
Total	57	1647	51	0	0	33	26	69	0	0	108	699	3	0	7	10	35	29	0	0	2774
08:00	8	305	8	0	1	7	5	23	0	0	37	169	1	0	0	5	4	5	0	0	578
08:15	9	313	6	0	2	7	1	11	0	0	22	147	2	0	0	3	10	6	0	0	539
08:30	9	259	9	0	2	12	4	20	0	0	12	172	2	0	2	2	5	5	0	0	515
08:45	5	178	9	0	0	1	3	18	0	0	20	182	2	0	0	3	3	9	0	0	433
Total	31	1055	32	0	5	27	13	72	0	0	91	670	7	0	2	13	22	25	0	0	2065
09:00	7	211	9	0	0	5	3	6	0	0	15	166	0	0	0	9	6	8	0	0	445
09:15	2	214	6	0	0	5	4	24	0	0	22	146	1	0	1	7	6	8	0	0	446
*****BREAK*****																					
Total	9	425	15	0	0	10	7	30	0	0	37	312	1	0	1	16	12	16	0	0	891
*****BREAK*****																					
10:30	3	174	6	0	0	8	5	12	0	0	10	156	4	0	0	2	6	3	0	0	389
10:45	4	150	6	1	1	6	5	13	0	0	21	200	8	0	0	2	5	10	0	0	432
Total	7	324	12	1	1	14	10	25	0	0	31	356	12	0	0	4	11	13	0	0	821
11:00	9	192	11	0	0	4	8	21	0	0	15	132	1	0	2	4	8	8	0	0	415
11:15	5	164	7	0	2	10	2	21	0	0	26	162	3	0	1	1	5	11	0	0	420
11:30	9	213	2	0	0	11	4	28	0	0	21	185	4	0	0	3	6	14	0	0	500
11:45	13	209	6	0	0	10	6	15	0	0	26	189	2	0	0	1	8	6	0	0	491
Total	36	778	26	0	2	35	20	85	0	0	88	668	10	0	3	9	27	39	0	0	1826
12:00	12	228	4	0	0	15	10	20	0	0	18	162	0	0	0	3	7	11	0	0	490
12:15	6	194	5	0	1	5	4	12	0	0	17	224	1	0	0	3	7	10	0	0	489
12:30	14	203	10	0	1	12	4	10	0	0	17	200	4	0	0	4	3	6	0	0	488
12:45	5	207	4	0	0	4	7	20	0	0	16	209	5	0	0	1	5	12	0	0	495
Total	37	832	23	0	2	36	25	62	0	0	68	795	10	0	0	11	22	39	0	0	1962
13:00	6	203	7	0	0	11	12	26	0	0	18	195	2	0	1	2	9	8	0	0	500
13:15	4	205	9	0	0	11	6	19	0	0	22	247	2	0	0	4	5	10	0	0	544
*****BREAK*****																					
Total	10	408	16	0	0	22	18	45	0	0	40	442	4	0	1	6	14	18	0	0	1044
*****BREAK*****																					
14:30	8	290	8	0	1	2	5	16	0	0	24	308	2	0	0	3	7	11	0	0	685
14:45	11	236	3	0	0	9	5	15	0	0	26	310	6	0	0	5	3	14	0	0	643
Total	19	526	11	0	1	11	10	31	0	0	50	618	8	0	0	8	10	25	0	0	1328
15:00	7	224	9	0	0	21	7	28	0	0	29	279	4	0	1	6	9	21	0	0	645
15:15	9	255	16	0	2	9	8	35	0	1	31	341	6	0	1	3	6	11	0	0	734
15:30	12	225	9	0	0	20	13	25	0	0	20	357	7	0	1	6	9	25	0	0	729
15:45	7	232	11	0	1	16	9	24	0	0	22	361	2	0	1	2	4	7	0	0	699
Total	35	936	45	0	3	66	37	112	0	1	102	1338	19	0	4	17	28	64	0	0	2807

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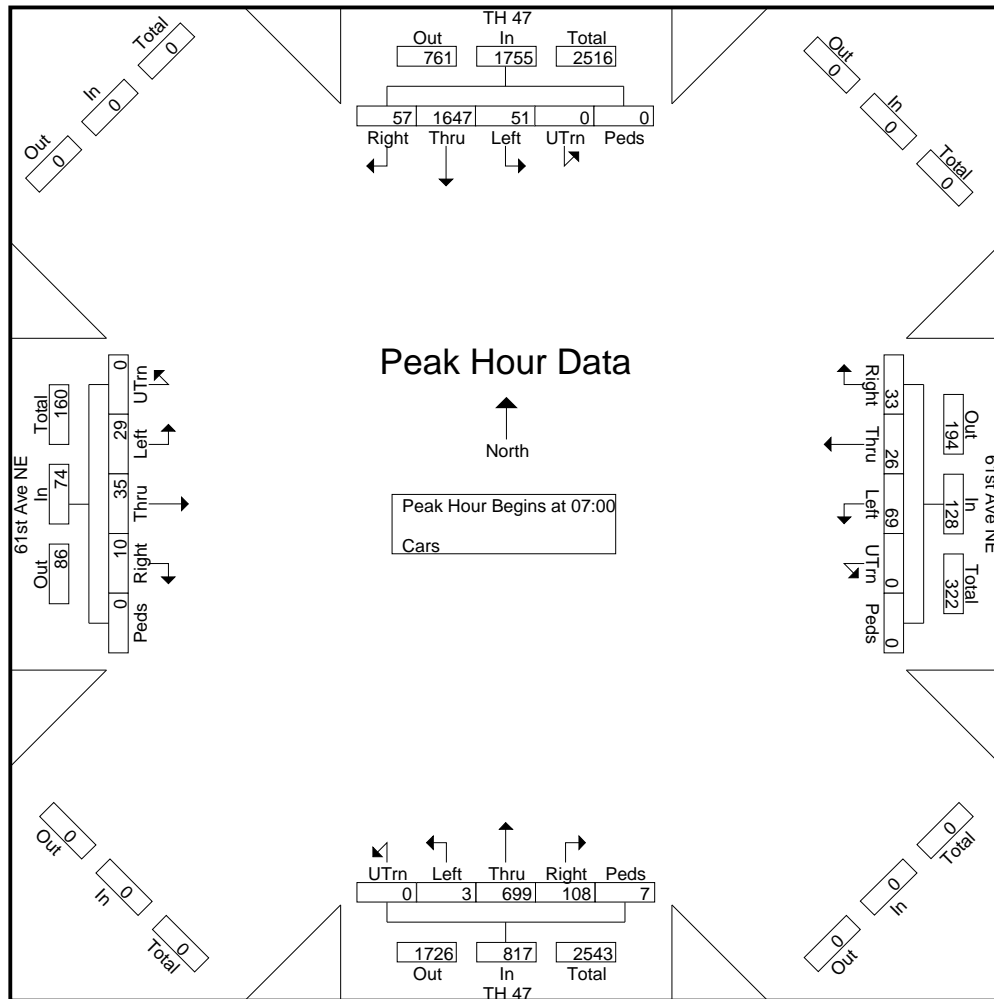
Start Time	TH 47 Southbound					61st Ave NE Westbound					TH 47 Northbound					61st Ave NE Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
16:00	9	232	7	0	1	10	4	28	0	0	32	393	3	0	0	3	7	18	0	0	747
16:15	10	255	13	0	0	9	7	39	0	0	30	387	5	1	0	1	8	16	0	0	781
16:30	5	344	10	0	1	16	6	30	0	0	32	450	3	0	2	3	14	23	0	0	939
16:45	10	244	12	0	1	9	7	25	0	0	38	445	1	0	0	4	13	17	0	0	826
Total	34	1075	42	0	3	44	24	122	0	0	132	1675	12	1	2	11	42	74	0	0	3293
17:00	7	251	7	0	0	18	11	17	1	0	27	401	7	0	0	2	6	19	0	0	774
17:15	5	278	5	0	4	11	2	21	0	0	36	421	1	0	0	3	6	14	0	0	807
17:30	7	235	8	0	3	11	3	18	0	0	32	383	5	0	0	1	9	10	0	0	725
17:45	10	215	8	0	0	9	4	17	0	0	31	343	5	0	0	7	5	20	0	0	674
Total	29	979	28	0	7	49	20	73	1	0	126	1548	18	0	0	13	26	63	0	0	2980
18:00	3	195	2	0	0	5	5	25	0	0	28	305	5	0	0	5	7	13	0	0	598
18:15	5	142	7	0	0	12	6	15	0	0	29	234	9	0	0	5	4	10	0	0	478
Grand Total	356	10543	323	1	25	372	233	808	1	1	962	10187	124	1	25	166	264	445	0	1	24838
Apprch %	3.2	93.7	2.9	0	0.2	26.3	16.5	57.1	0.1	0.1	8.5	90.2	1.1	0	0.2	18.9	30.1	50.8	0	0.1	
Total %	1.4	42.4	1.3	0	0.1	1.5	0.9	3.3	0	0	3.9	41	0.5	0	0.1	0.7	1.1	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	
07:00	18	385	8	0	0	411	3	2	13	0	0	18	18	170	0	0	1	189	1	3	9	0	0	13	631
07:15	10	504	11	0	0	525	9	7	10	0	0	26	24	158	0	0	0	182	2	6	3	0	0	11	744
07:30	10	388	10	0	0	408	9	4	17	0	0	30	25	156	2	0	3	186	4	8	4	0	0	16	640
07:45	19	370	22	0	0	411	12	13	29	0	0	54	41	215	1	0	3	260	3	18	13	0	0	34	759
Total Volume	57	1647	51	0	0	1755	33	26	69	0	0	128	108	699	3	0	7	817	10	35	29	0	0	74	2774
% App. Total	3.2	93.8	2.9	0	0		25.8	20.3	53.9	0	0		13.2	85.6	0.4	0	0.9		13.5	47.3	39.2	0	0		
PHF	.750	.817	.580	.000	.000	.836	.688	.500	.595	.000	.000	.593	.659	.813	.375	.000	.583	.786	.625	.486	.558	.000	.000	.544	.914



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Start Time	TH 47 Southbound						61st Ave NE Westbound						TH 47 Northbound						61st 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	
Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 16:30																									
16:30	5	344	10	0	1	360	16	6	30	0	0	52	32	450	3	0	2	487	3	14	23	0	0	40	939
16:45	10	244	12	0	1	267	9	7	25	0	0	41	38	445	1	0	0	484	4	13	17	0	0	34	826
17:00	7	251	7	0	0	265	18	11	17	1	0	47	27	401	7	0	0	435	2	6	19	0	0	27	774
17:15	5	278	5	0	4	292	11	2	21	0	0	34	36	421	1	0	0	458	3	6	14	0	0	23	807
Total Volume	27	1117	34	0	6	1184	54	26	93	1	0	174	133	1717	12	0	2	1864	12	39	73	0	0	124	3346
% App. Total	2.3	94.3	2.9	0	0.5		31	14.9	53.4	0.6	0		7.1	92.1	0.6	0	0.1		9.7	31.5	58.9	0	0		
PHF	.675	.812	.708	.000	.375	.822	.750	.591	.775	.250	.000	.837	.875	.954	.429	.000	.250	.957	.750	.696	.793	.000	.000	.775	.891

