

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-61 at 4th Street HASTINGS  
 Ref.Pt.: 117.337  
 data by Alliant Engineering  
 TURN MOVEMENT COUNT

File Name : 110 - TH61 & 4th Street  
 Site Code : 110  
 Start Date : 2/5/2014  
 Page No : 1

Groups Printed- Cars

Start Time	TH 61 Southbound					4th Street Westbound					TH 61 Northbound					4th Street 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	0	103	4	0	0	3	2	1	0	0	5	146	3	0	0	19	1	0	0	287
06:15	0	3	143	2	0	0	4	0	4	0	0	0	178	2	0	0	17	1	2	0	356
06:30	0	1	181	10	0	0	3	2	4	0	0	0	188	1	0	0	12	2	4	0	408
06:45	0	4	171	10	0	0	3	0	6	0	0	4	167	5	0	0	16	1	7	0	394
Total	0	8	598	26	0	0	13	4	15	0	0	9	679	11	0	0	64	5	13	0	1445
07:00	0	0	159	12	0	0	6	2	4	0	0	3	166	4	0	0	24	1	6	0	387
07:15	0	5	183	23	0	0	6	2	3	0	0	6	194	6	0	0	27	2	5	0	462
07:30	0	6	160	16	0	0	8	3	6	0	0	7	199	9	0	0	12	8	5	0	439
07:45	0	7	187	23	0	0	6	4	4	0	0	4	180	6	0	0	21	1	8	0	451
Total	0	18	689	74	0	0	26	11	17	0	0	20	739	25	0	0	84	12	24	0	1739
08:00	0	3	170	20	0	0	9	2	5	0	0	9	130	8	0	0	13	4	3	0	376
08:15	0	8	146	10	0	0	8	5	5	0	0	8	148	8	0	0	11	1	4	0	362
08:30	0	1	133	15	0	0	10	3	4	0	0	4	116	8	0	0	9	4	4	0	311
08:45	0	4	127	5	0	0	7	3	1	0	0	8	117	11	0	0	12	1	4	0	300
Total	0	16	576	50	0	0	34	13	15	0	0	29	511	35	0	0	45	10	15	0	1349
09:00	0	6	86	3	0	0	9	4	3	0	0	8	129	10	0	0	13	0	9	0	280
*****BREAK*****																					
Total	0	6	86	3	0	0	9	4	3	0	0	8	129	10	0	0	13	0	9	0	280
*****BREAK*****																					
10:30	0	3	101	10	0	0	15	2	7	0	0	6	105	12	0	0	10	2	9	0	282
10:45	0	7	125	12	0	0	16	3	9	0	0	1	105	15	0	0	13	1	15	0	322
Total	0	10	226	22	0	0	31	5	16	0	0	7	210	27	0	0	23	3	24	0	604
11:00	0	5	99	3	0	0	7	4	3	0	0	3	128	7	0	0	8	7	6	0	280
11:15	0	3	132	7	0	0	10	3	5	0	0	7	95	11	0	0	6	3	13	0	295
11:30	0	5	104	6	0	0	5	3	6	0	0	6	103	16	0	0	12	0	16	0	282
11:45	0	5	142	15	0	0	20	5	4	0	0	6	119	9	0	0	10	1	8	0	344
Total	0	18	477	31	0	0	42	15	18	0	0	22	445	43	0	0	36	11	43	0	1201
12:00	0	3	114	9	0	0	18	4	10	0	0	7	111	13	0	0	15	2	11	0	317
12:15	0	4	120	12	0	0	11	9	5	0	0	7	102	12	0	0	9	3	6	0	300
12:30	0	0	117	8	0	0	12	5	8	0	0	4	120	17	0	0	8	5	6	0	310
12:45	0	6	103	11	0	0	12	5	6	0	0	4	127	12	0	0	18	3	9	0	316
Total	0	13	454	40	0	0	53	23	29	0	0	22	460	54	0	0	50	13	32	0	1243
13:00	1	7	114	12	0	0	14	7	8	0	0	4	160	28	0	0	10	4	12	0	381
*****BREAK*****																					
Total	1	7	114	12	0	0	14	7	8	0	0	4	160	28	0	0	10	4	12	0	381
*****BREAK*****																					
14:30	0	4	146	19	0	0	20	8	11	0	0	10	181	10	0	0	13	4	10	0	436
14:45	0	4	161	16	0	0	14	7	6	0	0	5	170	19	0	0	23	5	14	0	444
Total	0	8	307	35	0	0	34	15	17	0	0	15	351	29	0	0	36	9	24	0	880
15:00	0	5	180	8	0	0	12	7	9	0	0	5	196	13	0	0	20	1	13	0	469
15:15	0	7	204	14	0	0	27	6	4	0	0	7	182	9	0	0	12	7	14	0	493
15:30	0	8	175	23	0	0	15	11	9	0	0	4	204	13	0	0	22	7	14	0	505
15:45	0	3	214	10	0	0	15	10	16	0	0	3	205	15	0	0	20	4	23	0	538
Total	0	23	773	55	0	0	69	34	38	0	0	19	787	50	0	0	74	19	64	0	2005
16:00	0	5	240	9	0	0	9	6	10	0	0	6	202	19	0	0	21	5	9	0	541
16:15	0	1	239	19	0	0	26	6	14	0	0	5	191	14	0	0	22	5	9	0	551
16:30	0	3	247	23	0	0	14	6	13	0	0	9	239	9	0	0	43	3	17	0	626
16:45	0	6	286	15	0	0	15	6	5	0	0	4	195	14	0	0	24	6	12	0	588
Total	0	15	1012	66	0	0	64	24	42	0	0	24	827	56	0	0	110	19	47	0	2306

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 TURN MOVEMENT COUNT

File Name : 110 - TH61 & 4th Street  
 Site Code : 110  
 Start Date : 2/5/2014  
 Page No : 2

Groups Printed- Cars

Start Time	TH 61 Southbound					4th Street Westbound					TH 61 Northbound					4th Street 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	7	257	26	0	0	16	7	8	0	0	5	206	6	0	0	27	3	15	0	583
17:15	0	3	216	19	0	0	14	7	11	0	0	3	247	16	0	0	25	4	9	0	574
17:30	0	5	229	27	0	0	6	3	11	0	0	3	199	9	0	0	19	4	7	0	522
17:45	0	5	229	27	0	0	6	3	11	0	0	3	199	9	0	0	19	4	7	0	522
Total	0	20	931	99	0	0	42	20	41	0	0	14	851	40	0	0	90	15	38	0	2201
Grand Total	1	162	6243	513	0	0	431	175	259	0	0	193	6149	408	0	0	635	120	345	0	15634
Apprch %	0	2.3	90.2	7.4	0	0	49.8	20.2	29.9	0	0	2.9	91.1	6	0	0	57.7	10.9	31.4	0	
Total %	0	1	39.9	3.3	0	0	2.8	1.1	1.7	0	0	1.2	39.3	2.6	0	0	4.1	0.8	2.2	0	

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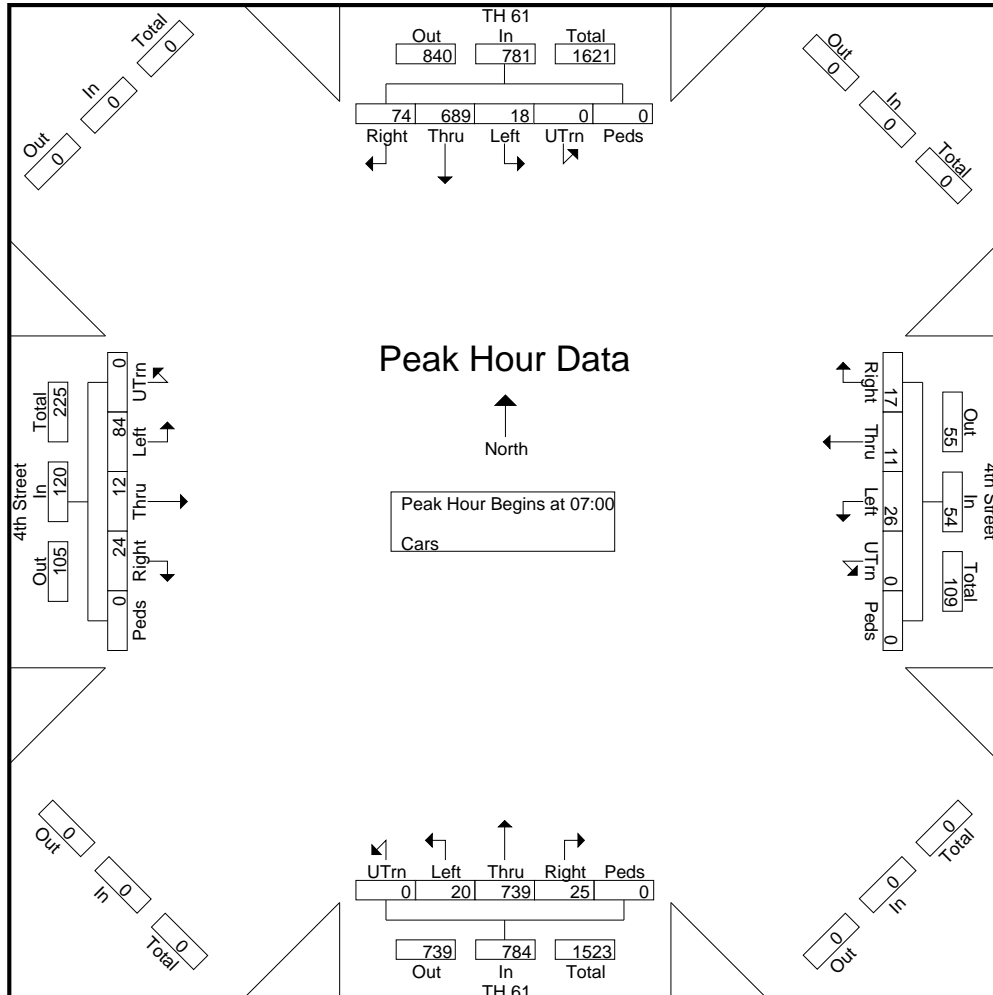
File Name : 110 - TH61 & 4th Street

Site Code : 110

Start Date : 2/5/2014

Page No : 3

Start Time	TH 61 Southbound						4th Street Westbound						TH 61 Northbound						4th Street 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	
07:00	0	0	15	12	0	171	0	6	2	4	0	12	0	3	16	4	0	173	0	24	1	6	0	31	387
07:15	0	5	18	23	0	211	0	6	2	3	0	11	0	6	19	6	0	206	0	27	2	5	0	34	462
07:30	0	6	16	16	0	182	0	8	3	6	0	17	0	7	199	9	0	215	0	12	8	5	0	25	439
07:45	0	7	187	23	0	217	0	6	4	4	0	14	0	4	180	6	0	190	0	21	1	8	0	30	451
Total Volume	0	18	689	74	0	781	0	26	11	17	0	54	0	20	739	25	0	784	0	84	12	24	0	120	1739
% App. Total	0	2.3	88.2	9.5	0		0	48.1	20.4	31.5	0		0	2.6	94.3	3.2	0		0	70	10	20	0		
PHF	.000	.643	.921	.804	.000	.900	.000	.813	.688	.708	.000	.794	.000	.714	.928	.694	.000	.912	.000	.778	.375	.750	.000	.882	.941



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Site Code : 110

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Page No : 4

Start Time	TH 61 Southbound						4th Street Westbound						TH 61 Northbound						4th Street 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	247	23	0	273	0	14	6	13	0	33	0	9	239	9	0	257	0	43	3	17	0	63	626
16:45	0	6	286	15	0	307	0	15	6	5	0	26	0	4	195	14	0	213	0	24	6	12	0	42	588
17:00	0	7	257	26	0	290	0	16	7	8	0	31	0	5	206	6	0	217	0	27	3	15	0	45	583
17:15	0	3	216	19	0	238	0	14	7	11	0	32	0	3	247	16	0	266	0	25	4	9	0	38	574
Total Volume	0	19	1006	83	0	1108	0	59	26	37	0	122	0	21	887	45	0	953	0	119	16	53	0	188	2371
% App. Total	0	1.7	90.8	7.5	0		0	48.4	21.3	30.3	0		0	2.2	93.1	4.7	0		0	63.3	8.5	28.2	0		
PHF	.000	.679	.879	.798	.000	.902	.000	.922	.929	.712	.000	.924	.000	.583	.898	.703	.000	.896	.000	.692	.667	.779	.000	.746	.947

