

# Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 44th Ave NE  
Ref.Pt.: 006.245  
Data by: Alliant Inc  
TURN MOVEMENT COUNT

File Name : 11 - TH 47 & 44th Ave  
Site Code : 11  
Start Date : 2/27/2013  
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					44th Ave NE Westbound					TH-47 Northbound					44th 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	5	99	4	0	0	13	11	8	0	0	1	37	0	0	0	4	5	2	0	0	189
06:15	22	150	9	0	3	17	14	10	0	0	3	37	0	0	0	9	11	11	0	0	296
06:30	23	217	11	0	0	30	20	11	0	0	1	73	2	0	0	3	2	3	0	0	396
06:45	10	225	6	0	0	16	18	14	0	0	4	56	0	0	2	3	39	5	0	0	398
Total	60	691	30	0	3	76	63	43	0	0	9	203	2	0	2	19	57	21	0	0	1279
07:00	13	228	7	0	0	17	26	6	0	0	4	72	1	0	4	1	2	7	0	0	388
07:15	11	260	8	0	1	18	27	23	0	1	8	73	1	0	2	3	2	10	0	0	448
07:30	19	292	14	0	0	21	33	12	0	0	6	91	0	0	0	5	2	10	0	0	505
07:45	11	280	5	0	0	18	21	14	0	0	2	96	3	0	0	6	19	4	0	0	479
Total	54	1060	34	0	1	74	107	55	0	1	20	332	5	0	6	15	25	31	0	0	1820
08:00	13	234	9	0	0	12	26	17	0	0	7	102	5	0	0	1	10	12	0	0	448
08:15	15	195	8	0	0	20	14	9	0	0	6	77	2	0	4	5	20	3	0	0	378
08:30	11	160	16	0	0	20	13	6	0	0	7	58	2	0	0	9	12	6	0	0	320
08:45	7	147	11	0	0	24	10	13	0	0	7	58	2	0	0	6	13	6	0	0	304
Total	46	736	44	0	0	76	63	45	0	0	27	295	11	0	4	21	55	27	0	0	1450
09:00	6	108	12	0	1	16	6	14	0	0	7	70	1	0	4	1	13	10	0	0	269
09:15	6	94	18	0	0	17	21	5	0	0	8	73	2	0	1	1	13	7	0	0	266
*****BREAK*****																					
Total	12	202	30	0	1	33	27	19	0	0	15	143	3	0	5	2	26	17	0	0	535
*****BREAK*****																					
10:30	4	65	16	0	0	20	15	10	0	0	3	79	1	0	0	3	9	13	0	0	238
10:45	5	74	13	0	0	14	10	7	0	0	12	67	3	0	0	1	15	5	0	0	226
Total	9	139	29	0	0	34	25	17	0	0	15	146	4	0	0	4	24	18	0	0	464
11:00	5	84	10	0	0	9	10	8	0	0	9	73	2	0	0	4	13	6	0	0	233
11:15	5	93	18	0	0	7	18	6	0	0	4	75	2	0	0	5	21	7	0	0	261
11:30	6	85	17	0	0	27	15	11	0	0	8	91	7	0	0	2	22	13	0	0	304
11:45	5	102	21	0	0	6	12	7	0	0	12	89	1	0	0	2	11	9	0	0	277
Total	21	364	66	0	0	49	55	32	0	0	33	328	12	0	0	13	67	35	0	0	1075
12:00	9	80	19	0	0	2	4	3	0	0	1	87	1	0	0	3	22	15	0	0	246
12:15	6	98	19	0	0	22	24	10	0	0	10	84	4	0	0	10	18	4	0	0	309
12:30	6	85	15	0	0	16	25	12	0	0	10	106	1	0	0	7	21	7	0	0	311
12:45	9	84	21	0	0	11	17	9	0	0	8	99	2	0	0	6	18	9	0	0	293
Total	30	347	74	0	0	51	70	34	0	0	29	376	8	0	0	26	79	35	0	0	1159
13:00	11	95	15	0	0	7	19	12	0	0	9	107	1	0	0	2	12	3	0	0	293
13:15	13	72	15	0	0	13	19	13	0	0	8	97	6	0	1	2	11	14	0	0	284
*****BREAK*****																					
Total	24	167	30	0	0	20	38	25	0	0	17	204	7	0	1	4	23	17	0	0	577
*****BREAK*****																					
14:30	9	105	21	0	0	21	22	16	0	0	14	138	4	0	0	3	28	8	0	0	389
14:45	6	116	27	0	0	20	27	3	0	0	11	122	3	0	0	6	15	9	0	0	365
Total	15	221	48	0	0	41	49	19	0	0	25	260	7	0	0	9	43	17	0	0	754
15:00	7	135	18	0	0	8	20	9	0	0	12	161	3	0	1	6	30	25	0	0	435
15:15	8	103	31	0	0	22	29	14	0	0	13	160	5	0	0	6	25	16	0	0	432
15:30	8	136	26	0	0	31	19	12	0	0	17	226	6	0	0	6	18	12	0	0	517
15:45	11	125	30	0	1	18	18	7	0	0	17	171	4	0	0	4	23	11	0	0	440
Total	34	499	105	0	1	79	86	42	0	0	59	718	18	0	1	22	96	64	0	0	1824

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 Site Code : 11  
 Start Date : 2/27/2013  
 Page No : 2

Groups Printed- Cars

Start Time	TH-47 Southbound					44th Ave NE Westbound					TH-47 Northbound					44th 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	129	24	0	0	25	25	8	0	0	17	238	6	0	0	3	29	9	0	0	524
16:15	9	136	38	0	1	24	24	8	0	0	22	249	9	0	1	7	34	9	0	0	571
16:30	7	166	27	1	1	23	25	14	0	0	13	331	7	0	0	7	35	14	0	0	671
16:45	7	121	28	0	0	19	28	9	0	0	24	267	7	0	1	5	42	7	0	0	565
Total	34	552	117	1	2	91	102	39	0	0	76	1085	29	0	2	22	140	39	0	0	2331
17:00	8	146	36	0	0	15	29	12	0	0	19	304	7	0	1	6	33	12	0	0	628
17:15	17	143	41	0	0	15	38	13	0	0	25	215	7	0	0	2	37	15	0	0	568
17:30	8	131	25	0	0	15	23	9	0	0	19	214	7	0	1	3	30	13	0	0	498
17:45	8	134	36	0	0	29	18	12	0	3	16	183	7	0	4	1	21	9	0	0	481
Total	41	554	138	0	0	74	108	46	0	3	79	916	28	0	6	12	121	49	0	0	2175
18:00	6	114	27	0	0	22	19	9	0	0	15	149	4	0	0	4	15	15	0	0	399
18:15	14	93	23	0	0	23	17	7	0	0	6	126	4	0	0	5	22	9	0	0	349
Grand Total	400	5739	795	1	8	743	829	432	0	4	425	5281	142	0	27	178	793	394	0	0	16191
Apprch %	5.8	82.7	11.5	0	0.1	37	41.3	21.5	0	0.2	7.2	89.9	2.4	0	0.5	13	58.1	28.9	0	0	
Total %	2.5	35.4	4.9	0	0	4.6	5.1	2.7	0	0	2.6	32.6	0.9	0	0.2	1.1	4.9	2.4	0	0	

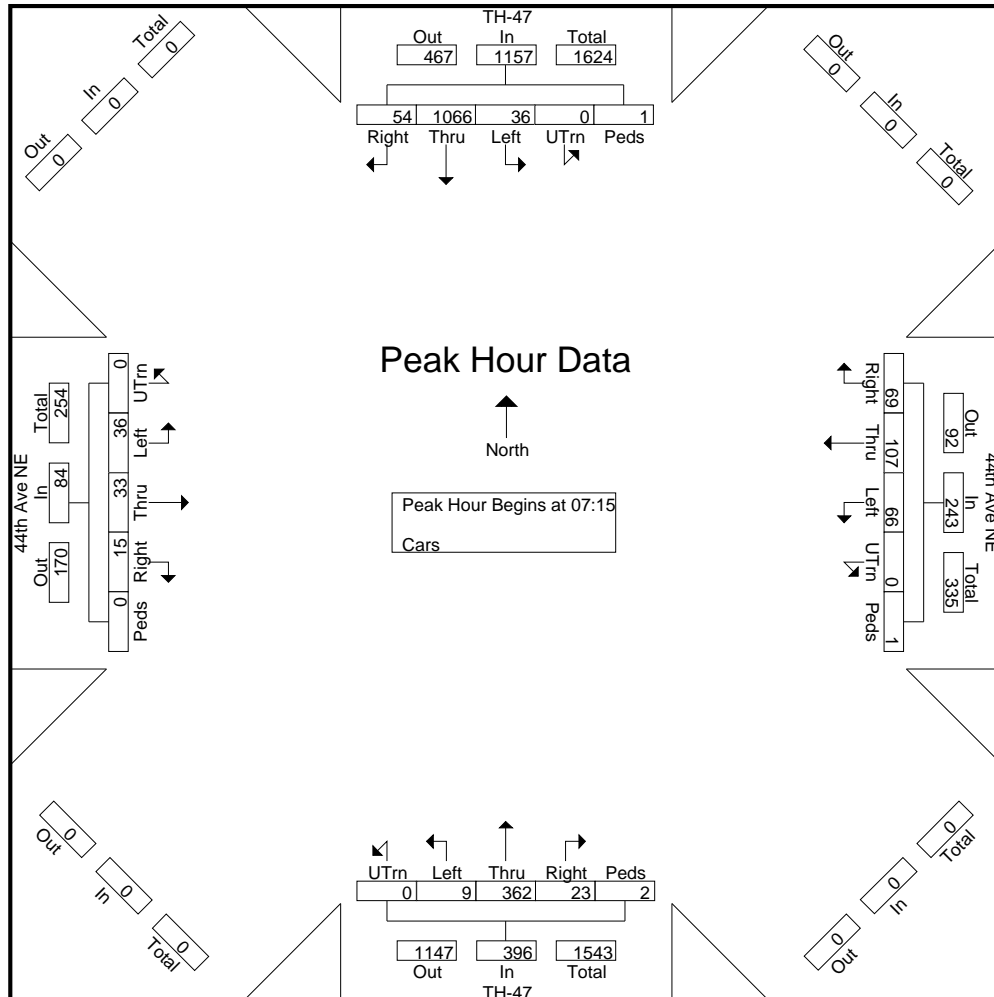
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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:15	11	260	8	0	1	280	18	27	23	0	1	69	8	73	1	0	2	84	3	2	10	0	0	15	448
07:30	19	292	14	0	0	325	21	33	12	0	0	66	6	91	0	0	0	97	5	2	10	0	0	17	505
07:45	11	280	5	0	0	296	18	21	14	0	0	53	2	96	3	0	0	101	6	19	4	0	0	29	479
08:00	13	234	9	0	0	256	12	26	17	0	0	55	7	102	5	0	0	114	1	10	12	0	0	23	448
Total Volume	54	1066	36	0	1	1157	69	107	66	0	1	243	23	362	9	0	2	396	15	33	36	0	0	84	1880
% App. Total	4.7	92.1	3.1	0	0.1		28.4	44	27.2	0	0.4		5.8	91.4	2.3	0	0.5		17.9	39.3	42.9	0	0		
PHF	.711	.913	.643	.000	.250	.890	.821	.811	.717	.000	.250	.880	.719	.887	.450	.000	.250	.868	.625	.434	.750	.000	.000	.724	.931

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



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Start Date : 2/27/2013  
Page No : 4

Start Time	TH-47 Southbound						44th Ave NE Westbound						TH-47 Northbound						44th 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	
16:15	9	136	38	0	1	184	24	24	8	0	0	56	22	249	9	0	1	281	7	34	9	0	0	50	571
16:30	7	166	27	1	1	202	23	25	14	0	0	62	13	331	7	0	0	351	7	35	14	0	0	56	671
16:45	7	121	28	0	0	156	19	28	9	0	0	56	24	267	7	0	1	299	5	42	7	0	0	54	565
17:00	8	146	36	0	0	190	15	29	12	0	0	56	19	304	7	0	1	331	6	33	12	0	0	51	628
Total Volume	31	569	129	1	2	732	81	106	43	0	0	230	78	1151	30	0	3	1262	25	144	42	0	0	211	2435
% App. Total	4.2	77.7	17.6	0.1	0.3		35.2	46.1	18.7	0	0		6.2	91.2	2.4	0	0.2		11.8	68.2	19.9	0	0		
PHF	.861	.857	.849	.250	.500	.906	.844	.914	.768	.000	.000	.927	.813	.869	.833	.000	.750	.899	.893	.857	.750	.000	.000	.942	.907

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

