

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 81st Ave NE
Ref.Pt.: 010.876
Data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 22 - TH 47 & 81st Ave
Site Code : 22
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					81st Ave NE Westbound					TH-47 Northbound					81st 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	13	208	5	0	0	4	12	15	0	0	1	37	17	0	0	9	3	2	0	0	326
06:15	32	340	7	0	0	2	25	22	0	0	4	46	9	0	0	19	1	6	0	0	513
06:30	37	379	4	0	0	4	22	15	0	0	5	83	11	0	0	13	3	6	0	0	582
06:45	39	455	4	0	0	4	24	16	0	0	5	82	22	0	0	15	3	4	0	0	673
Total	121	1382	20	0	0	14	83	68	0	0	15	248	59	0	0	56	10	18	0	0	2094
07:00	20	447	8	0	0	6	22	23	0	1	4	100	23	0	1	21	2	4	0	0	682
07:15	21	487	5	0	1	11	12	31	0	0	12	104	18	0	1	21	4	1	0	0	729
07:30	22	471	6	0	0	8	24	25	0	0	3	110	17	0	0	26	10	5	0	0	727
07:45	33	486	3	0	0	9	27	20	0	0	13	106	31	0	0	17	14	8	0	0	767
Total	96	1891	22	0	1	34	85	99	0	1	32	420	89	0	2	85	30	18	0	0	2905
08:00	23	308	3	0	0	11	30	20	0	0	11	134	27	0	4	20	5	14	0	0	610
08:15	20	250	6	0	0	7	26	24	0	0	9	125	25	0	1	27	8	12	0	0	540
08:30	24	204	10	0	0	5	23	26	0	0	8	101	33	0	0	24	11	5	0	2	476
08:45	19	172	9	0	0	13	13	18	0	0	20	112	31	0	1	25	8	12	0	0	453
Total	86	934	28	0	0	36	92	88	0	0	48	472	116	0	6	96	32	43	0	2	2079
09:00	18	156	6	0	0	7	26	18	0	0	19	116	44	0	0	27	19	15	0	0	471
09:15	27	144	12	0	0	14	19	21	0	0	13	121	30	0	0	17	12	17	0	1	448
*****BREAK*****																					
Total	45	300	18	0	0	21	45	39	0	0	32	237	74	0	0	44	31	32	0	1	919
*****BREAK*****																					
10:30	24	125	1	0	0	10	16	15	0	0	13	132	29	0	1	24	13	22	0	0	425
10:45	22	163	13	0	0	9	25	15	0	1	8	155	46	0	0	21	29	27	0	0	534
Total	46	288	14	0	0	19	41	30	0	1	21	287	75	0	1	45	42	49	0	0	959
11:00	12	170	17	0	0	12	41	18	0	0	17	172	26	0	1	27	24	21	0	0	558
11:15	26	148	17	0	0	15	23	16	0	0	15	174	40	0	1	27	20	23	0	0	545
11:30	22	140	15	0	0	9	35	28	0	0	13	187	29	0	0	20	16	38	0	0	552
11:45	27	166	14	0	0	13	32	24	0	0	16	179	40	0	0	31	23	38	0	0	603
Total	87	624	63	0	0	49	131	86	0	0	61	712	135	0	2	105	83	120	0	0	2258
12:00	19	185	14	0	0	10	25	30	0	0	25	201	40	0	1	39	20	34	0	0	643
12:15	27	197	17	0	2	11	33	16	0	0	20	182	39	0	2	25	24	35	0	0	630
12:30	26	180	9	0	0	11	34	35	0	0	23	162	42	0	0	32	28	27	0	0	609
12:45	25	163	16	0	2	16	35	27	0	0	14	178	48	0	0	40	22	33	0	3	622
Total	97	725	56	0	4	48	127	108	0	0	82	723	169	0	3	136	94	129	0	3	2504
13:00	19	161	12	0	5	11	37	33	0	0	15	183	38	0	1	32	27	27	0	0	601
13:15	25	159	16	0	1	10	19	21	0	0	18	159	50	0	0	27	31	27	0	0	563
*****BREAK*****																					
Total	44	320	28	0	6	21	56	54	0	0	33	342	88	0	1	59	58	54	0	0	1164
*****BREAK*****																					
14:30	10	192	17	0	1	11	36	25	0	0	18	251	41	0	1	30	28	38	0	0	699
14:45	9	175	13	0	0	13	23	32	0	0	19	205	49	0	0	31	23	36	0	0	628
Total	19	367	30	0	1	24	59	57	0	0	37	456	90	0	1	61	51	74	0	0	1327
15:00	16	131	16	0	0	13	20	22	0	0	24	239	44	0	0	29	29	47	0	1	631
15:15	20	160	14	0	0	10	31	26	0	0	20	240	51	0	0	29	31	30	0	0	662
15:30	8	184	24	0	0	13	28	22	0	0	39	332	37	0	0	22	43	69	0	0	821
15:45	13	152	17	0	1	8	25	28	0	0	25	302	38	0	0	23	33	44	0	0	709
Total	57	627	71	0	1	44	104	98	0	0	108	1113	170	0	0	103	136	190	0	1	2823

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Groups Printed- Cars

Start Time	TH-47 Southbound					81st Ave NE Westbound					TH-47 Northbound					81st 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	15	134	11	0	1	16	24	20	0	0	27	292	38	0	0	17	26	51	0	0	672
16:15	10	172	13	0	0	11	29	24	0	0	34	432	47	0	0	29	31	53	0	0	885
16:30	5	147	10	0	0	7	27	32	0	0	36	345	30	0	2	29	41	87	0	0	798
16:45	15	200	12	0	0	15	17	14	0	0	27	393	34	0	0	25	27	45	0	0	824
Total	45	653	46	0	1	49	97	90	0	0	124	1462	149	0	2	100	125	236	0	0	3179
17:00	9	180	33	0	0	13	26	17	0	0	31	340	40	0	0	28	25	86	0	0	828
17:15	10	211	28	0	0	18	26	26	0	0	25	445	35	0	1	22	41	55	0	0	943
17:30	17	165	12	0	0	13	21	13	0	0	27	329	33	0	2	24	38	37	0	0	731
17:45	13	183	15	0	1	13	26	22	0	0	29	311	45	0	0	26	33	37	0	0	754
Total	49	739	88	0	1	57	99	78	0	0	112	1425	153	0	3	100	137	215	0	0	3256
18:00	14	154	19	0	0	15	28	20	0	0	22	269	41	0	0	20	20	34	0	0	656
18:15	12	171	19	0	0	7	27	18	0	0	17	210	35	0	0	28	26	39	0	0	609
Grand Total	818	9175	522	0	15	438	1074	933	0	2	744	8376	1443	0	21	1038	875	1251	0	7	26732
Apprch %	7.8	87.1	5	0	0.1	17.9	43.9	38.1	0	0.1	7	79.1	13.6	0	0.2	32.7	27.6	39.5	0	0.2	
Total %	3.1	34.3	2	0	0.1	1.6	4	3.5	0	0	2.8	31.3	5.4	0	0.1	3.9	3.3	4.7	0	0	

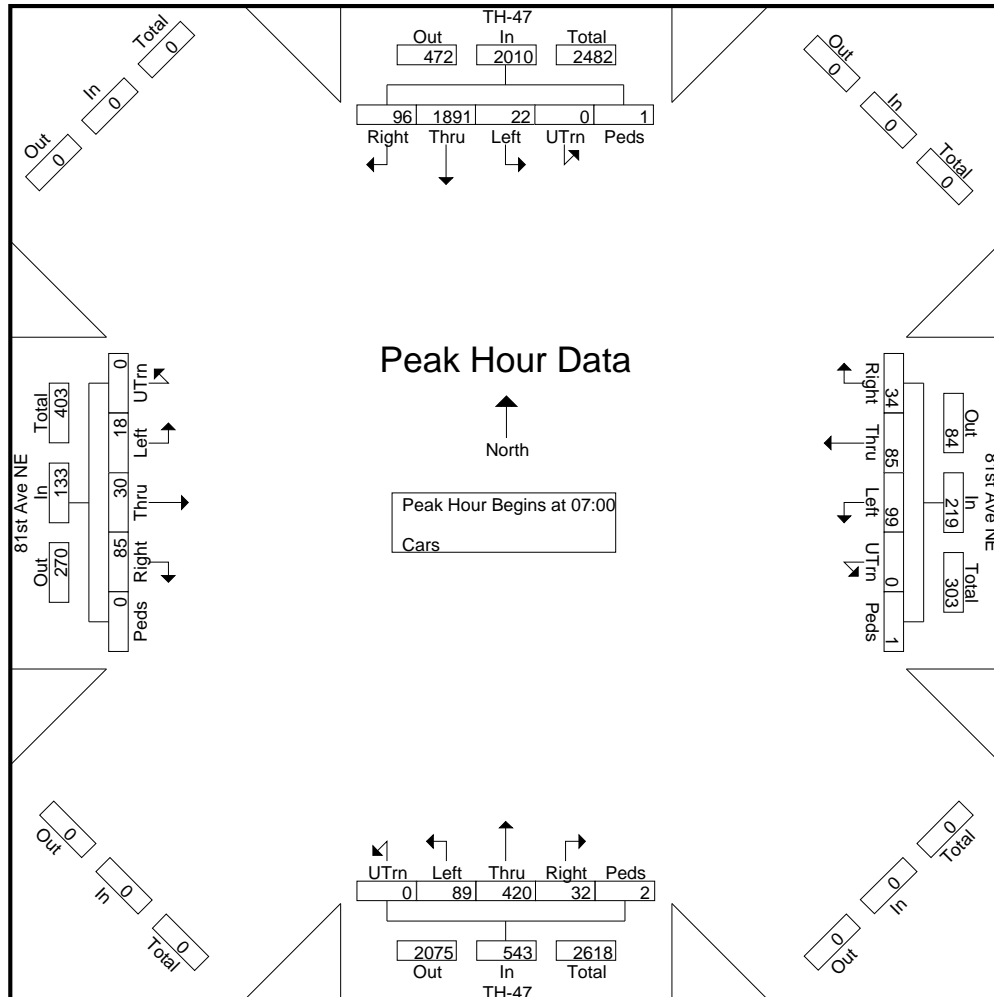
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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:00	20	44	7	0	0	475	6	22	23	0	0	52	4	10	23	0	0	128	21	2	4	0	0	27	682
07:15	21	487	5	0	1	514	11	12	31	0	0	54	12	104	18	0	1	135	21	4	1	0	0	26	729
07:30	22	471	6	0	0	499	8	24	25	0	0	57	3	110	17	0	0	130	26	10	5	0	0	41	727
07:45	33	486	3	0	0	522	9	27	20	0	0	56	13	106	31	0	0	150	17	14	8	0	0	39	767
Total Volume	96	1891	22	0	1	2010	34	85	99	0	1	219	32	420	89	0	2	543	85	30	18	0	0	133	2905
% App. Total	4.8	94.1	1.1	0	0		15.5	38.8	45.2	0	0.5		5.9	77.3	16.4	0	0.4		63.9	22.6	13.5	0	0		
PHF	.727	.971	.688	.000	.250	.963	.773	.787	.798	.000	.250	.961	.615	.955	.718	.000	.500	.905	.817	.536	.563	.000	.000	.811	.947

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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Start Time	TH-47 Southbound						81st Ave NE Westbound						TH-47 Northbound						81st 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	5	147	10	0	0	162	7	27	32	0	0	66	36	34	30	0	2	413	29	41	87	0	0	157	798
16:45	15	200	12	0	0	227	15	17	14	0	0	46	27	393	34	0	0	454	25	27	45	0	0	97	824
17:00	9	180	33	0	0	222	13	26	17	0	0	56	31	340	40	0	0	411	28	25	86	0	0	139	828
17:15	10	211	28	0	0	249	18	26	26	0	0	70	25	445	35	0	1	506	22	41	55	0	0	118	943
Total Volume	39	738	83	0	0	860	53	96	89	0	0	238	119	1523	139	0	3	1784	104	134	273	0	0	511	3393
% App. Total	4.5	85.8	9.7	0	0		22.3	40.3	37.4	0	0		6.7	85.4	7.8	0	0.2		20.4	26.2	53.4	0	0		
PHF	.650	.874	.629	.000	.000	.863	.736	.889	.695	.000	.000	.850	.826	.856	.869	.000	.375	.881	.897	.817	.784	.000	.000	.814	.900

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

