

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 73rd Ave NE
Ref.Pt.: 009.875
Data by: 009.875
TURN MOVEMENT COUNT

File Name : 20 - TH 47 & 73rd Ave
Site Code : 20
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					73rd Ave NE Westbound					TH-47 Northbound					73rd 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	8	200	11	0	1	5	12	27	0	0	7	57	16	0	0	5	2	2	0	0	353
06:15	12	307	18	0	0	5	13	29	0	0	14	72	18	0	0	5	6	0	0	0	499
06:30	9	349	26	0	3	10	14	29	0	0	23	150	12	0	0	5	2	2	0	0	634
06:45	12	394	28	0	3	13	7	24	0	1	20	150	19	0	1	9	11	0	0	0	692
Total	41	1250	83	0	7	33	46	109	0	1	64	429	65	0	1	24	21	4	0	0	2178
07:00	6	494	28	0	0	23	9	36	0	0	21	149	16	0	0	12	3	0	0	0	797
07:15	4	525	47	0	2	10	19	51	0	0	18	153	13	0	0	12	14	0	0	0	868
07:30	14	491	32	0	0	12	12	35	0	0	27	154	8	0	0	10	8	2	0	0	805
07:45	11	451	47	0	2	22	20	30	0	0	38	215	14	0	0	9	8	4	0	0	871
Total	35	1961	154	0	4	67	60	152	0	0	104	671	51	0	0	43	33	6	0	0	3341
08:00	7	310	43	0	0	22	15	30	0	0	18	180	16	0	0	13	11	5	0	0	670
08:15	6	325	19	0	2	16	14	24	0	0	20	179	16	0	0	10	9	1	0	0	641
08:30	4	231	23	0	0	23	14	25	0	0	20	167	11	0	0	20	3	1	0	0	542
08:45	5	188	15	0	0	18	18	23	0	0	24	195	25	0	0	9	9	2	0	0	531
Total	22	1054	100	0	2	79	61	102	0	0	82	721	68	0	0	52	32	9	0	0	2384
09:00	3	177	16	0	0	30	11	26	0	0	25	164	16	0	0	20	13	1	0	0	502
09:15	5	153	14	0	2	20	17	15	0	0	20	177	22	0	0	23	11	3	0	1	483
*****BREAK*****																					
Total	8	330	30	0	2	50	28	41	0	0	45	341	38	0	0	43	24	4	0	1	985
*****BREAK*****																					
10:30	3	162	10	0	0	17	19	17	0	0	12	171	20	0	0	20	12	6	0	0	469
10:45	3	177	11	0	1	16	6	10	0	0	28	198	16	0	0	29	9	3	0	1	508
Total	6	339	21	0	1	33	25	27	0	0	40	369	36	0	0	49	21	9	0	1	977
11:00	5	173	20	0	0	30	22	21	0	0	11	143	24	0	1	34	18	11	0	0	513
11:15	7	172	17	0	0	29	15	17	0	0	23	185	13	0	0	22	8	9	0	0	517
11:30	5	184	18	0	0	36	21	17	0	0	22	189	23	0	0	25	18	20	0	0	578
11:45	10	212	25	0	0	30	8	17	0	0	34	202	25	0	0	38	13	12	0	0	626
Total	27	741	80	0	0	125	66	72	0	0	90	719	85	0	1	119	57	52	0	0	2234
12:00	10	204	36	0	0	36	25	20	0	0	22	182	16	0	2	17	19	18	0	0	607
12:15	8	186	36	0	0	31	23	18	0	0	16	243	23	0	0	27	16	9	0	0	636
12:30	16	189	17	0	0	20	12	23	0	0	20	223	25	0	0	22	14	6	0	0	587
12:45	10	215	15	0	0	27	21	21	0	0	21	246	14	0	1	29	16	5	0	0	641
Total	44	794	104	0	0	114	81	82	0	0	79	894	78	0	3	95	65	38	0	0	2471
13:00	9	163	16	0	1	33	13	21	0	0	25	196	22	0	0	28	16	6	0	0	549
13:15	2	211	32	0	1	12	13	23	0	0	21	277	24	0	0	21	17	9	0	1	664
*****BREAK*****																					
Total	11	374	48	0	2	45	26	44	0	0	46	473	46	0	0	49	33	15	0	1	1213
*****BREAK*****																					
14:30	8	236	23	0	0	36	16	19	0	0	50	359	21	0	0	38	40	43	0	0	889
14:45	10	210	22	0	0	26	18	17	0	0	40	361	27	0	0	21	11	11	0	0	774
Total	18	446	45	0	0	62	34	36	0	0	90	720	48	0	0	59	51	54	0	0	1663
15:00	7	194	25	0	0	57	17	23	0	0	36	336	16	0	0	32	28	22	0	0	793
15:15	5	207	19	0	3	31	9	20	0	0	36	409	37	0	0	26	17	4	0	0	823
15:30	6	216	23	0	1	53	12	33	0	0	47	434	17	0	0	34	21	35	0	0	932
15:45	5	194	22	0	0	40	14	28	0	0	55	461	16	0	0	30	22	13	0	0	900
Total	23	811	89	0	4	181	52	104	0	0	174	1640	86	0	0	122	88	74	0	0	3448

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Groups Printed- Cars

Start Time	TH-47 Southbound					73rd Ave NE Westbound					TH-47 Northbound					73rd 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	4	200	11	0	0	72	17	29	0	0	45	415	21	0	2	41	29	19	0	0	905
16:15	4	203	26	0	1	48	11	24	0	0	35	419	20	0	0	30	16	9	0	0	846
16:30	4	233	27	0	0	47	15	19	0	0	63	442	27	0	1	61	32	37	0	0	1008
16:45	5	236	20	0	0	50	11	31	0	0	44	462	20	0	0	42	19	15	0	0	955
Total	17	872	84	0	1	217	54	103	0	0	187	1738	88	0	3	174	96	80	0	0	3714
17:00	10	237	24	0	0	41	16	29	0	0	50	495	14	0	0	37	33	25	0	0	1011
17:15	10	234	18	0	0	49	13	37	0	0	35	466	9	0	0	26	9	15	0	0	921
17:30	78	115	8	0	1	32	14	21	0	0	53	378	10	0	0	27	19	23	0	1	780
17:45	6	200	32	0	0	35	12	33	0	0	36	307	11	0	0	12	11	8	0	0	703
Total	104	786	82	0	1	157	55	120	0	0	174	1646	44	0	0	102	72	71	0	1	3415
18:00	8	169	22	0	0	23	11	11	0	0	31	334	13	0	0	9	5	11	0	0	647
18:15	6	238	18	0	0	22	12	26	0	0	28	294	20	0	0	18	9	5	0	0	696
Grand Total	370	10165	960	0	24	1208	611	1029	0	1	1234	10989	766	0	8	958	607	432	0	4	29366
Apprch %	3.2	88.2	8.3	0	0.2	42.4	21.4	36.1	0	0	9.5	84.6	5.9	0	0.1	47.9	30.3	21.6	0	0.2	
Total %	1.3	34.6	3.3	0	0.1	4.1	2.1	3.5	0	0	4.2	37.4	2.6	0	0	3.3	2.1	1.5	0	0	

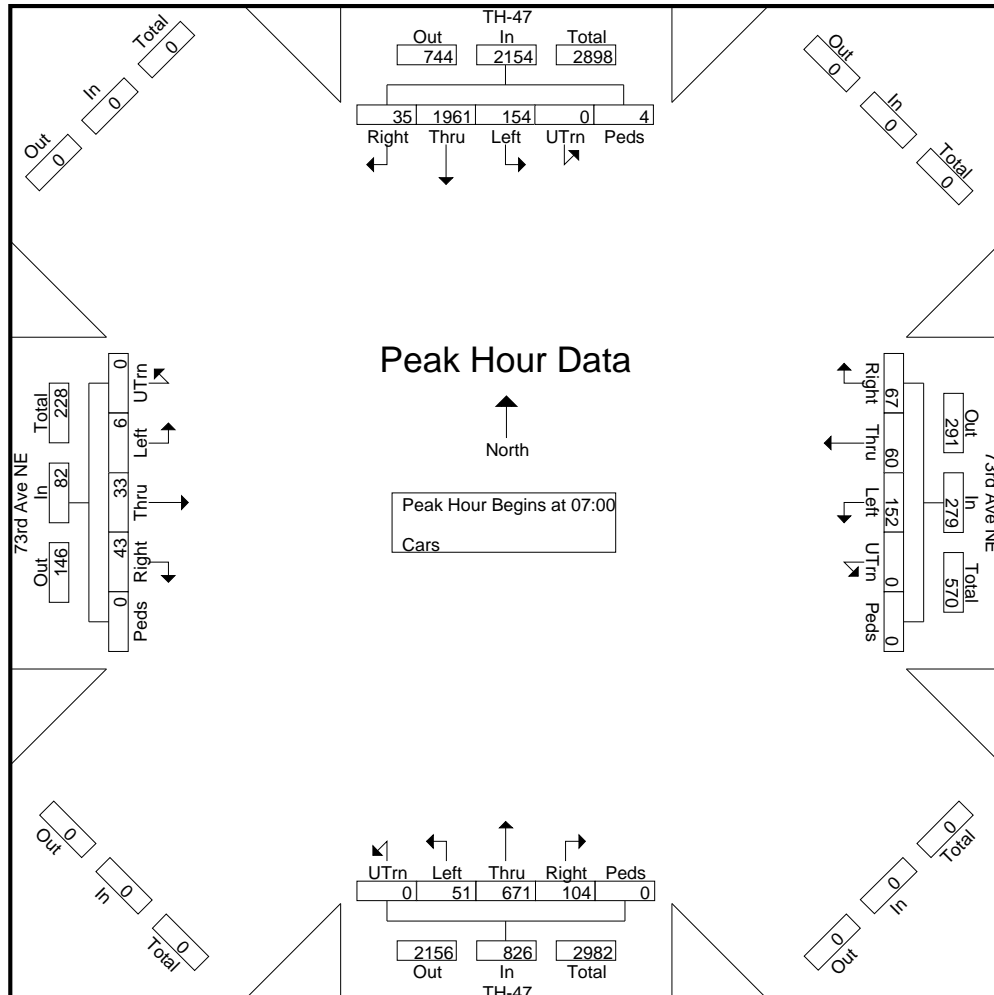
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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:00	6	49	28	0	0	528		9	36	0	0	68	21	14		0	0	186		3	0	0	0	15	797
07:15	4	525	47	0	2	578	10	19	51	0	0	80	18	153	13	0	0	184	12	14	0	0	0	26	868
07:30	14	491	32	0	0	537	12	12	35	0	0	59	27	154	8	0	0	189	10	8	2	0	0	20	805
07:45	11	451	47	0	2	511	22	20	30	0	0	72	38	215	14	0	0	267	9	8	4	0	0	21	871
Total Volume	35	1961	154	0	4	2154	67	60	152	0	0	279	104	671	51	0	0	826	43	33	6	0	0	82	3341
% App. Total	1.6	91	7.1	0	0.2		24	21.5	54.5	0	0		12.6	81.2	6.2	0	0		52.4	40.2	7.3	0	0		
PHF	.625	.934	.819	.000	.500	.932	.728	.750	.745	.000	.000	.872	.684	.780	.797	.000	.000	.773	.896	.589	.375	.000	.000	.788	.959

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						73rd Ave NE Westbound						TH-47 Northbound						73rd 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	4	233	27	0	0	264	47	15	19	0	0	81	44	462	27	0	1	533	61	32	37	0	0	130	1008
16:45	5	236	20	0	0	261	50	11	31	0	0	92	44	462	20	0	0	526	42	19	15	0	0	76	955
17:00	10	237	24	0	0	271	41	16	29	0	0	86	50	495	14	0	0	559	37	33	25	0	0	95	1011
17:15	10	234	18	0	0	262	49	13	37	0	0	99	35	466	9	0	0	510	26	9	15	0	0	50	921
Total Volume	29	940	89	0	0	1058	187	55	116	0	0	358	192	1865	70	0	1	2128	166	93	92	0	0	351	3895
% App. Total	2.7	88.8	8.4	0	0		52.2	15.4	32.4	0	0		9	87.6	3.3	0	0		47.3	26.5	26.2	0	0		
PHF	.725	.992	.824	.000	.000	.976	.935	.859	.784	.000	.000	.904	.762	.942	.648	.000	.250	.952	.680	.705	.622	.000	.000	.675	.963

