

# Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & 37th Ave

Ref.Pt.: 5.380

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 601\_TH 47 & 37th Ave

Site Code : 601\_\_\_\_\_

Start Date : 2/28/2018

Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					37th Ave From East					TH 47 From South					37th Ave From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
06:00 AM	0	5	82	17	104	0	12	1	22	35	0	0	27	1	28	0	0	0	5	5	172
06:15 AM	1	8	139	38	186	2	6	0	13	21	0	5	24	1	30	1	8	10	10	29	266
06:30 AM	0	21	179	29	229	0	16	3	17	36	0	4	44	0	48	0	10	3	10	23	336
06:45 AM	1	12	184	17	214	1	14	5	32	52	1	7	48	3	59	1	16	7	8	32	357
Total	2	46	584	101	733	3	48	9	84	144	1	16	143	5	165	2	34	20	33	89	1131
07:00 AM	0	6	195	32	233	1	17	4	25	47	0	6	36	4	46	1	10	2	8	21	347
07:15 AM	0	3	242	25	270	0	15	1	29	45	0	7	44	2	53	0	10	3	8	21	389
07:30 AM	0	7	246	21	274	0	19	3	30	52	0	8	65	2	75	0	11	7	12	30	431
07:45 AM	0	12	269	24	305	0	25	3	26	54	0	8	79	0	87	0	14	10	7	31	477
Total	0	28	952	102	1082	1	76	11	110	198	0	29	224	8	261	1	45	22	35	103	1644
08:00 AM	0	6	262	14	282	0	25	10	20	55	0	11	73	2	86	0	14	10	4	28	451
08:15 AM	0	8	201	17	226	0	11	2	24	37	0	7	62	5	74	1	5	12	2	20	357
08:30 AM	0	4	182	20	206	0	24	8	21	53	0	11	41	2	54	0	10	7	8	25	338
08:45 AM	0	8	136	27	171	0	14	1	30	45	0	8	64	2	74	0	6	7	3	16	306
Total	0	26	781	78	885	0	74	21	95	190	0	37	240	11	288	1	35	36	17	89	1452
09:00 AM	0	2	121	25	148	0	26	7	23	56	0	12	61	2	75	0	9	2	3	14	293
09:15 AM	0	7	118	15	140	0	16	5	19	40	1	12	53	3	69	0	5	4	9	18	267
*** BREAK ***																					
Total	0	9	239	40	288	0	42	12	42	96	1	24	114	5	144	0	14	6	12	32	560
*** BREAK ***																					
10:30 AM	0	9	102	23	134	1	17	0	11	29	1	12	51	7	71	1	4	1	4	10	244
10:45 AM	0	5	89	17	111	1	22	7	10	40	0	12	51	5	68	0	3	4	5	12	231
Total	0	14	191	40	245	2	39	7	21	69	1	24	102	12	139	1	7	5	9	22	475
11:00 AM	0	4	79	18	101	0	20	2	11	33	0	14	72	2	88	0	8	3	5	16	238
11:15 AM	0	6	78	16	100	0	21	4	18	43	0	11	79	3	93	0	1	6	8	15	251
11:30 AM	0	3	76	16	95	0	13	4	12	29	0	10	94	2	106	0	3	4	7	14	244
11:45 AM	0	6	98	12	116	0	15	11	20	46	0	14	75	3	92	0	1	7	6	14	268
Total	0	19	331	62	412	0	69	21	61	151	0	49	320	10	379	0	13	20	26	59	1001
12:00 PM	0	2	79	13	94	0	21	6	10	37	0	14	82	3	99	0	1	4	5	10	240
12:15 PM	0	4	69	18	91	0	18	6	20	44	0	12	61	0	73	0	4	4	6	14	222
12:30 PM	0	12	103	17	132	0	26	5	20	51	0	10	66	6	82	0	7	5	3	15	280
12:45 PM	0	6	99	13	118	1	8	3	17	29	1	20	87	2	110	2	2	6	6	16	273
Total	0	24	350	61	435	1	73	20	67	161	1	56	296	11	364	2	14	19	20	55	1015
01:00 PM	0	4	73	18	95	0	15	7	11	33	0	11	71	3	85	1	3	2	3	9	222
01:15 PM	2	6	81	16	105	1	14	3	7	25	2	12	95	4	113	4	4	3	5	16	259
*** BREAK ***																					
Total	2	10	154	34	200	1	29	10	18	58	2	23	166	7	198	5	7	5	8	25	481
*** BREAK ***																					
02:30 PM	0	10	69	20	99	0	30	1	21	52	0	17	120	2	139	0	4	7	10	21	311
02:45 PM	0	7	102	26	135	0	17	6	14	37	0	16	123	7	146	0	4	5	5	14	332
Total	0	17	171	46	234	0	47	7	35	89	0	33	243	9	285	0	8	12	15	35	643
03:00 PM	0	9	90	19	118	0	22	10	27	59	0	30	142	5	177	0	4	3	17	24	378
03:15 PM	2	19	80	20	121	1	29	7	16	53	0	15	171	4	190	1	6	5	6	18	382
03:30 PM	0	23	94	24	141	0	25	8	21	54	0	22	173	5	200	0	4	7	11	22	417
03:45 PM	0	7	112	21	140	1	33	1	13	48	0	27	185	7	219	1	7	5	11	24	431
Total	2	58	376	84	520	2	109	26	77	214	0	94	671	21	786	2	21	20	45	88	1608
04:00 PM	0	5	99	33	137	0	41	8	23	72	0	21	200	10	231	0	5	7	9	21	461
04:15 PM	0	5	103	22	130	4	29	8	20	61	0	29	219	5	253	3	3	2	6	14	458
04:30 PM	0	12	101	20	133	0	30	5	22	57	2	27	228	5	262	0	5	6	13	24	476

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04:45 PM	0	9	94	28	131	0	39	16	19	74	0	23	227	2	252	0	5	12	13	30	487
Total	0	31	397	103	531	4	139	37	84	264	2	100	874	22	998	3	18	27	41	89	1882
05:00 PM	1	11	118	19	149	2	50	5	19	76	0	21	228	3	252	1	7	8	6	22	499
05:15 PM	0	5	111	29	145	0	34	11	22	67	0	13	244	7	264	0	5	10	5	20	496
05:30 PM	1	10	105	22	138	0	44	12	17	73	0	27	195	6	228	0	3	5	8	16	455
05:45 PM	0	9	78	15	102	2	26	8	19	55	0	17	154	4	175	2	8	2	9	21	353
Total	2	35	412	85	534	4	154	36	77	271	0	78	821	20	919	3	23	25	28	79	1803
Grand Total	8	317	4938	836	6099	18	899	217	771	1905	8	563	4214	141	4926	20	239	217	289	765	13695
Apprch %	0.1	5.2	81	13.7		0.9	47.2	11.4	40.5		0.2	11.4	85.5	2.9		2.6	31.2	28.4	37.8		
Total %	0.1	2.3	36.1	6.1	44.5	0.1	6.6	1.6	5.6	13.9	0.1	4.1	30.8	1	36	0.1	1.7	1.6	2.1	5.6	
Class 1	8	277	4514	771	5570	17	814	180	668	1679	8	465	3839	125	4437	20	223	188	252	683	12369
% Class 1	100	87.4	91.4	92.2	91.3	94.4	90.5	82.9	86.6	88.1	100	82.6	91.1	88.7	90.1	100	93.3	86.6	87.2	89.3	90.3
Class 2	0	40	424	65	529	1	85	37	103	226	0	98	375	16	489	0	16	29	37	82	1326
% Class 2	0	12.6	8.6	7.8	8.7	5.6	9.5	17.1	13.4	11.9	0	17.4	8.9	11.3	9.9	0	6.7	13.4	12.8	10.7	9.7

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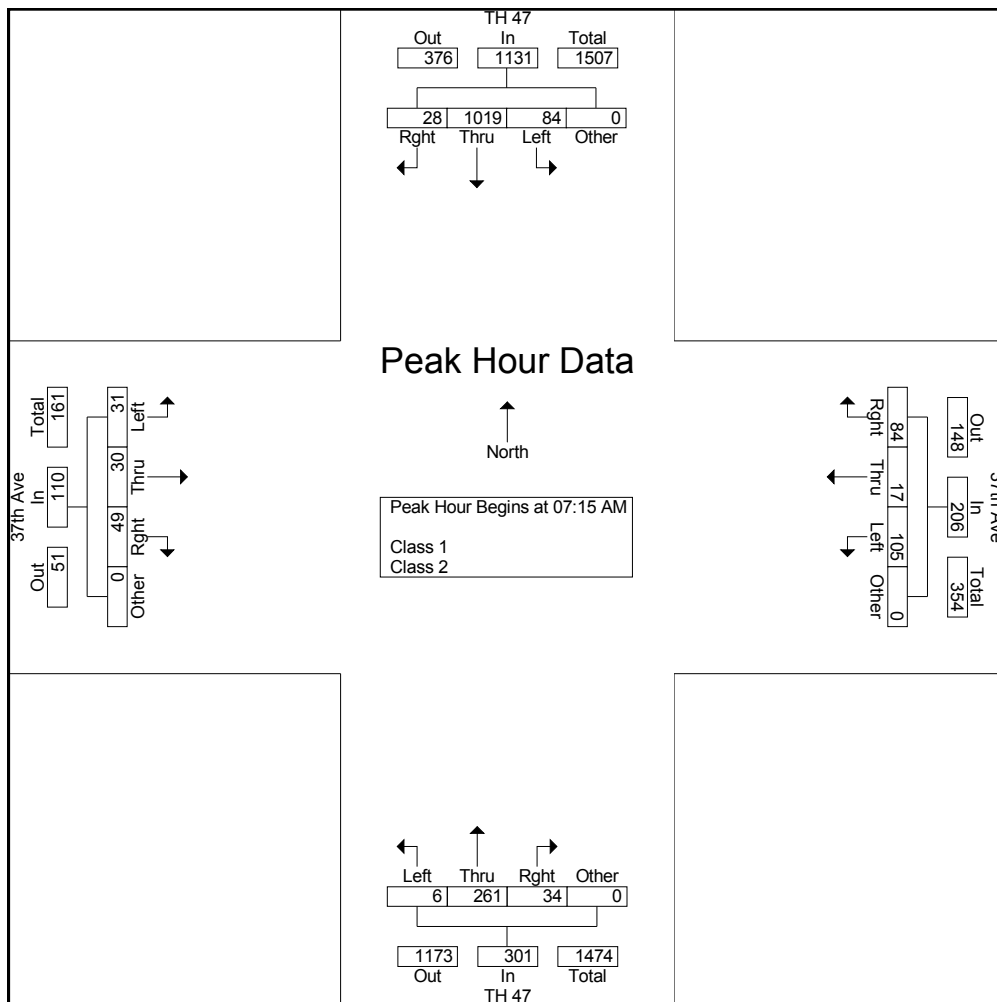
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	3	242	25	270	0	15	1	29	45	0	7	44	2	53	0	10	3	8	21	389
07:30 AM	0	7	246	21	274	0	19	3	30	52	0	8	65	2	75	0	11	7	12	30	431
07:45 AM	0	12	269	24	305	0	25	3	26	54	0	8	79	0	87	0	14	10	7	31	477
08:00 AM	0	6	262	14	282	0	25	10	20	55	0	11	73	2	86	0	14	10	4	28	451
Total Volume	0	28	1019	84	1131	0	84	17	105	206	0	34	261	6	301	0	49	30	31	110	1748
% App. Total	0	2.5	90.1	7.4		0	40.8	8.3	51		0	11.3	86.7	2		0	44.5	27.3	28.2		
PHF	.000	.583	.947	.840	.927	.000	.840	.425	.875	.936	.000	.773	.826	.750	.865	.000	.875	.750	.646	.887	.916



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	Other	Rgh t	Thr u	Left	App. Total	Other	Rgh t	Thr u	Left	App. Total	Other	Rgh t	Thr u	Left	App. Total	Other	Rgh t	Thr u	Left	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	12	101	20	133	0	30	5	22	57	2	27	228	5	262	0	5	6	13	24	476
04:45 PM	0	9	94	28	131	0	39	16	19	74	0	23	227	2	252	0	5	12	13	30	487
05:00 PM	1	11	118	19	149	2	50	5	19	76	0	21	228	3	252	1	7	8	6	22	499
05:15 PM	0	5	111	29	145	0	34	11	22	67	0	13	244	7	264	0	5	10	5	20	496
Total Volume	1	37	424	96	558	2	153	37	82	274	2	84	927	17	1030	1	22	36	37	96	1958
% App. Total	0.2	6.6	76	17.2		0.7	55.8	13.5	29.9		0.2	8.2	90	1.7		1	22.9	37.5	38.5		
PHF	.250	.771	.898	.828	.936	.250	.765	.578	.932	.901	.250	.778	.950	.607	.975	.250	.786	.750	.712	.800	.981

