

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & 85th Ave

Ref.Pt.: 11.597

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 615_TH 47 & 85th Ave

Site Code : 615

Start Date : 3/7/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					85th Ave From East					TH 47 From South					85th 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	20	211	9	240	0	0	5	6	11	0	12	57	3	72	0	5	4	7	16	339
06:15 AM	0	9	307	8	324	0	1	6	2	9	0	7	49	10	66	0	9	4	8	21	420
06:30 AM	0	19	312	5	336	0	0	5	5	10	0	14	68	24	106	0	14	7	10	31	483
06:45 AM	0	20	372	5	397	0	3	16	10	29	0	11	63	26	100	0	16	6	13	35	561
Total	0	68	1202	27	1297	0	4	32	23	59	0	44	237	63	344	0	44	21	38	103	1803
07:00 AM	0	25	330	5	360	0	1	10	4	15	0	12	88	15	115	0	18	10	14	42	532
07:15 AM	0	25	345	6	376	0	2	9	5	16	0	13	97	28	138	0	15	7	12	34	564
07:30 AM	0	25	363	4	392	0	0	9	21	30	0	13	124	41	178	0	24	15	21	60	660
07:45 AM	0	13	444	8	465	0	1	12	19	32	0	13	127	26	166	0	17	10	14	41	704
Total	0	88	1482	23	1593	0	4	40	49	93	0	51	436	110	597	0	74	42	61	177	2460
08:00 AM	0	11	415	9	435	0	2	9	11	22	0	17	95	28	140	0	32	13	13	58	655
08:15 AM	0	30	257	7	294	0	1	19	12	32	0	15	118	41	174	0	27	19	15	61	561
08:30 AM	0	13	229	3	245	0	0	13	13	26	0	14	83	25	122	0	32	12	22	66	459
08:45 AM	0	13	218	6	237	0	1	15	17	33	0	18	95	44	157	0	17	15	18	50	477
Total	0	67	1119	25	1211	0	4	56	53	113	0	64	391	138	593	0	108	59	68	235	2152
09:00 AM	0	16	163	8	187	0	8	17	10	35	0	21	104	40	165	0	21	22	26	69	456
09:15 AM	0	10	172	5	187	0	3	24	11	38	0	24	118	38	180	0	23	24	20	67	472
*** BREAK ***																					
Total	0	26	335	13	374	0	11	41	21	73	0	45	222	78	345	0	44	46	46	136	928
*** BREAK ***																					
10:30 AM	1	20	99	12	132	0	5	27	20	52	0	40	122	40	202	0	31	35	25	91	477
10:45 AM	1	21	134	7	163	0	7	28	19	54	0	17	122	43	182	0	53	33	21	107	506
Total	2	41	233	19	295	0	12	55	39	106	0	57	244	83	384	0	84	68	46	198	983
11:00 AM	0	27	129	13	169	0	7	28	22	57	0	32	96	48	176	0	38	35	27	100	502
11:15 AM	0	37	122	8	167	0	2	23	19	44	0	35	112	48	195	0	49	38	25	112	518
11:30 AM	1	33	123	6	163	0	4	26	34	64	1	37	122	49	209	0	30	43	25	98	534
11:45 AM	0	19	147	16	182	0	7	33	29	69	0	30	180	45	255	0	44	51	19	114	620
Total	1	116	521	43	681	0	20	110	104	234	1	134	510	190	835	0	161	167	96	424	2174
12:00 PM	0	21	130	17	168	0	6	32	30	68	0	44	155	47	246	0	57	64	18	139	621
12:15 PM	0	21	150	16	187	0	4	34	24	62	0	38	154	58	250	0	37	40	35	112	611
12:30 PM	0	33	166	16	215	0	14	39	25	78	0	26	112	50	188	0	35	34	30	99	580
12:45 PM	0	28	164	16	208	0	11	36	33	80	0	37	121	50	208	1	31	53	26	111	607
Total	0	103	610	65	778	0	35	141	112	288	0	145	542	205	892	1	160	191	109	461	2419
01:00 PM	0	34	155	16	205	0	11	25	21	57	1	36	155	58	250	1	19	36	28	84	596
01:15 PM	0	35	133	15	183	0	10	29	27	66	0	30	173	46	249	0	23	51	27	101	599
*** BREAK ***																					
Total	0	69	288	31	388	0	21	54	48	123	1	66	328	104	499	1	42	87	55	185	1195
*** BREAK ***																					
02:30 PM	0	27	137	16	180	0	16	31	23	70	0	28	246	38	312	0	38	27	20	85	647
02:45 PM	0	33	158	8	199	0	14	32	29	75	0	41	276	69	386	0	23	47	25	95	755
Total	0	60	295	24	379	0	30	63	52	145	0	69	522	107	698	0	61	74	45	180	1402
03:00 PM	1	36	147	9	193	0	7	29	18	54	0	37	333	55	425	0	30	33	25	88	760
03:15 PM	0	32	159	7	198	0	14	37	38	89	0	42	360	56	458	0	30	31	31	92	837
03:30 PM	0	31	141	19	191	0	18	29	28	75	0	38	320	35	393	0	33	47	45	125	784
03:45 PM	2	26	159	14	201	0	11	37	30	78	0	36	370	72	478	0	43	42	29	114	871
Total	3	125	606	49	783	0	50	132	114	296	0	153	1383	218	1754	0	136	153	130	419	3252
04:00 PM	0	22	138	21	181	0	18	33	26	77	0	42	388	66	496	0	33	51	26	110	864
04:15 PM	0	23	148	11	182	0	18	36	23	77	0	41	405	69	515	0	26	42	33	101	875
04:30 PM	0	31	149	5	185	0	9	34	14	57	0	31	373	52	456	0	22	64	32	118	816

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04:45 PM	0	18	169	27	214	0	16	26	28	70	0	40	447	61	548	0	32	58	16	106	938
Total	0	94	604	64	762	0	61	129	91	281	0	154	1613	248	2015	0	113	215	107	435	3493
05:00 PM	0	42	120	10	172	0	15	44	30	89	0	39	400	56	495	1	36	47	21	105	861
05:15 PM	0	23	199	18	240	0	7	24	22	53	0	42	417	69	528	0	23	40	13	76	897
05:30 PM	0	32	141	9	182	0	9	28	30	67	0	41	344	48	433	0	42	43	35	120	802
05:45 PM	0	39	133	11	183	0	10	30	33	73	0	25	279	46	350	0	46	45	23	114	720
Total	0	136	593	48	777	0	41	126	115	282	0	147	1440	219	1806	1	147	175	92	415	3280
Grand Total	6	993	7888	431	9318	0	293	979	821	2093	2	1129	7868	1763	10762	3	1174	1298	893	3368	25541
Apprch %	0.1	10.7	84.7	4.6		0	14	46.8	39.2		0	10.5	73.1	16.4		0.1	34.9	38.5	26.5		
Total %	0	3.9	30.9	1.7	36.5	0	1.1	3.8	3.2	8.2	0	4.4	30.8	6.9	42.1	0	4.6	5.1	3.5	13.2	
Class 1	6	932	7621	414	8973	0	272	941	759	1972	2	1066	7566	1704	10338	3	1107	1248	851	3209	24492
% Class 1	100	93.9	96.6	96.1	96.3	0	92.8	96.1	92.4	94.2	100	94.4	96.2	96.7	96.1	100	94.3	96.1	95.3	95.3	95.9
Class 2	0	61	267	17	345	0	21	38	62	121	0	63	302	59	424	0	67	50	42	159	1049
% Class 2	0	6.1	3.4	3.9	3.7	0	7.2	3.9	7.6	5.8	0	5.6	3.8	3.3	3.9	0	5.7	3.9	4.7	4.7	4.1

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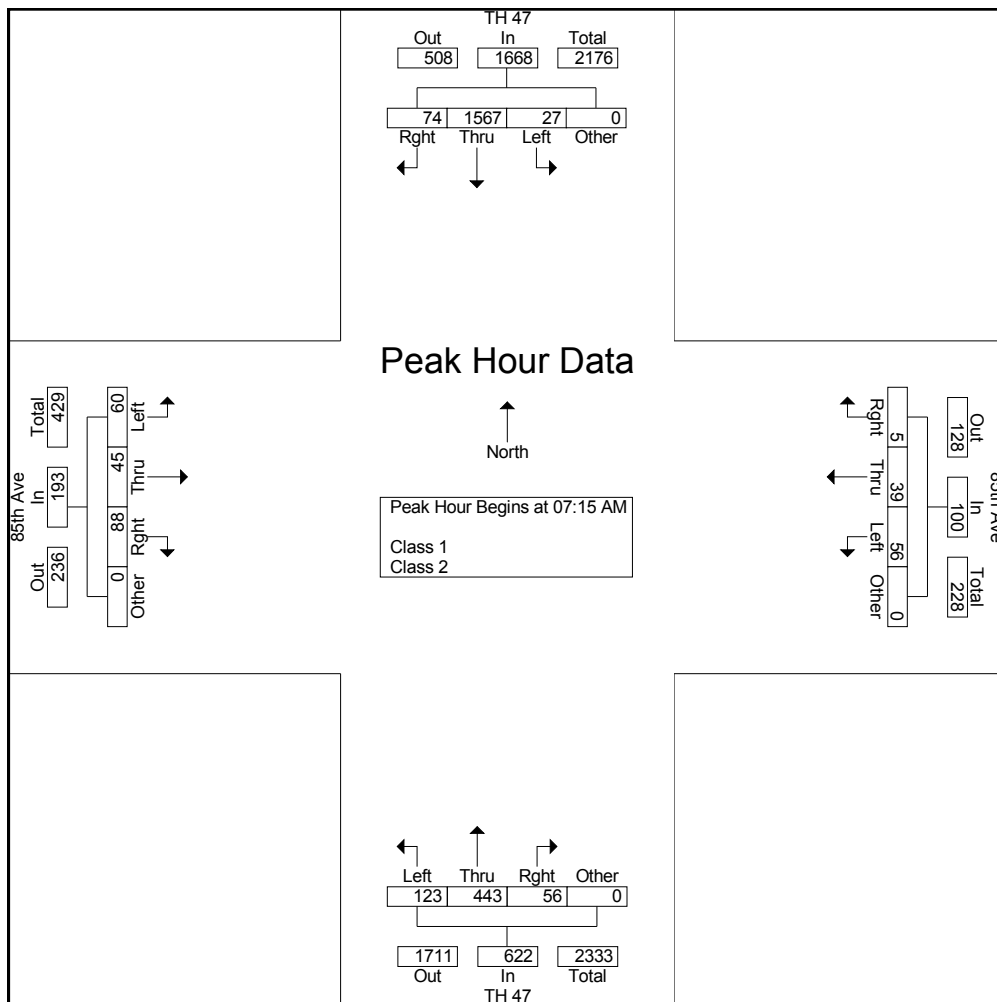
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	25	345	6	376	0	2	9	5	16	0	13	97	28	138	0	15	7	12	34	564
07:30 AM	0	25	363	4	392	0	0	9	21	30	0	13	124	41	178	0	24	15	21	60	660
07:45 AM	0	13	444	8	465	0	1	12	19	32	0	13	127	26	166	0	17	10	14	41	704
08:00 AM	0	11	415	9	435	0	2	9	11	22	0	17	95	28	140	0	32	13	13	58	655
Total Volume	0	74	1567	27	1668	0	5	39	56	100	0	56	443	123	622	0	88	45	60	193	2583
% App. Total	0	4.4	93.9	1.6		0	5	39	56		0	9	71.2	19.8		0	45.6	23.3	31.1		
PHF	.000	.740	.882	.750	.897	.000	.625	.813	.667	.781	.000	.824	.872	.750	.874	.000	.688	.750	.714	.804	.917



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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	31	149	5	185	0	9	34	14	57	0	31	373	52	456	0	22	64	32	118	816
04:45 PM	0	18	169	27	214	0	16	26	28	70	0	40	447	61	548	0	32	58	16	106	938
05:00 PM	0	42	120	10	172	0	15	44	30	89	0	39	400	56	495	1	36	47	21	105	861
05:15 PM	0	23	199	18	240	0	7	24	22	53	0	42	417	69	528	0	23	40	13	76	897
Total Volume	0	114	637	60	811	0	47	128	94	269	0	152	1637	238	2027	1	113	209	82	405	3512
% App. Total	0	14.1	78.5	7.4		0	17.5	47.6	34.9		0	7.5	80.8	11.7		0.2	27.9	51.6	20.2		
PHF	.000	.679	.800	.556	.845	.000	.734	.727	.783	.756	.000	.905	.916	.862	.925	.250	.785	.816	.641	.858	.936

