

# Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & 73rd Ave

Ref.Pt.: 9.870

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 612\_TH 47 & 73rd Ave

Site Code : 612\_\_\_\_\_

Start Date : 2/28/2018

Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					73rd Ave From East					TH 47 From South					73rd 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	222	23	265	0	2	9	32	43	0	15	53	20	88	0	7	5	0	12	408
06:15 AM	0	10	320	23	353	0	3	5	29	37	0	22	83	8	113	0	14	8	2	24	527
06:30 AM	0	6	295	25	326	0	6	25	29	60	0	22	125	7	154	0	10	9	1	20	560
06:45 AM	0	13	408	37	458	0	6	10	31	47	0	23	146	13	182	0	2	2	0	4	691
Total	0	49	1245	108	1402	0	17	49	121	187	0	82	407	48	537	0	33	24	3	60	2186
07:00 AM	0	3	365	28	396	0	10	17	46	73	0	28	116	13	157	0	10	12	3	25	651
07:15 AM	0	1	487	32	520	0	14	17	52	83	0	24	125	6	155	0	5	15	2	22	780
07:30 AM	1	6	571	23	601	0	20	18	33	71	0	35	170	7	212	0	4	18	2	24	908
07:45 AM	2	5	478	42	527	0	29	25	54	108	0	34	166	12	212	0	4	9	7	20	867
Total	3	15	1901	125	2044	0	73	77	185	335	0	121	577	38	736	0	23	54	14	91	3206
08:00 AM	4	13	335	36	388	0	20	14	70	104	0	28	155	15	198	0	3	15	8	26	716
08:15 AM	0	6	315	30	351	0	18	12	52	82	0	31	125	3	159	0	8	21	2	31	623
08:30 AM	0	1	269	34	304	1	22	17	34	74	1	33	133	9	176	0	6	5	8	19	573
08:45 AM	0	2	284	23	309	0	22	21	25	68	0	34	166	20	220	0	9	10	6	25	622
Total	4	22	1203	123	1352	1	82	64	181	328	1	126	579	47	753	0	26	51	24	101	2534
09:00 AM	0	13	262	33	308	0	28	9	24	61	0	31	178	20	229	0	5	8	1	14	612
09:15 AM	0	5	248	27	280	1	24	17	20	62	0	29	155	14	198	0	10	10	6	26	566
*** BREAK ***																					
Total	0	18	510	60	588	1	52	26	44	123	0	60	333	34	427	0	15	18	7	40	1178
*** BREAK ***																					
10:30 AM	1	0	196	30	227	0	20	13	22	55	0	24	150	21	195	0	18	14	9	41	518
10:45 AM	0	5	226	24	255	0	19	16	28	63	0	20	148	13	181	0	20	22	7	49	548
Total	1	5	422	54	482	0	39	29	50	118	0	44	298	34	376	0	38	36	16	90	1066
11:00 AM	0	7	206	16	229	0	23	15	27	65	0	18	186	21	225	0	12	40	4	56	575
11:15 AM	0	1	207	27	235	0	32	12	15	59	0	26	177	14	217	0	7	31	10	48	559
11:30 AM	0	2	238	31	271	0	41	20	14	75	2	19	168	15	204	0	8	29	18	55	605
11:45 AM	0	6	240	23	269	0	36	18	20	74	1	30	206	20	257	0	11	18	12	41	641
Total	0	16	891	97	1004	0	132	65	76	273	3	93	737	70	903	0	38	118	44	200	2380
12:00 PM	1	1	251	42	295	0	27	18	24	69	1	28	177	16	222	0	14	36	6	56	642
12:15 PM	0	5	244	27	276	1	36	20	26	83	1	28	176	28	233	0	15	30	9	54	646
12:30 PM	0	5	216	25	246	0	25	20	14	59	1	29	186	19	235	0	11	19	12	42	582
12:45 PM	0	11	173	21	205	0	29	20	15	64	0	31	189	27	247	0	25	18	9	52	568
Total	1	22	884	115	1022	1	117	78	79	275	3	116	728	90	937	0	65	103	36	204	2438
01:00 PM	1	10	168	22	201	1	19	14	22	56	4	25	182	25	236	1	28	15	10	54	547
01:15 PM	0	7	199	36	242	0	21	25	20	66	0	20	220	22	262	0	23	18	5	46	616
*** BREAK ***																					
Total	1	17	367	58	443	1	40	39	42	122	4	45	402	47	498	1	51	33	15	100	1163
*** BREAK ***																					
02:30 PM	0	9	231	24	264	0	31	17	26	74	0	33	266	23	322	0	56	49	39	144	804
02:45 PM	1	14	211	24	250	0	34	18	20	72	1	52	299	20	372	0	21	16	19	56	750
Total	1	23	442	48	514	0	65	35	46	146	1	85	565	43	694	0	77	65	58	200	1554
03:00 PM	1	10	215	20	246	2	58	25	42	127	2	59	300	15	376	0	35	27	24	86	835
03:15 PM	0	8	226	30	264	0	52	27	26	105	0	65	390	23	478	0	33	19	11	63	910
03:30 PM	1	10	243	27	281	0	34	18	36	88	0	50	377	15	442	0	34	27	28	89	900
03:45 PM	1	6	189	28	224	1	27	22	41	91	0	54	386	16	456	0	31	26	26	83	854
Total	3	34	873	105	1015	3	171	92	145	411	2	228	1453	69	1752	0	133	99	89	321	3499
04:00 PM	1	7	217	22	247	1	60	19	33	113	0	46	361	15	422	0	31	33	37	101	883
04:15 PM	3	7	233	19	262	3	35	11	32	81	6	46	381	11	444	0	28	18	21	67	854
04:30 PM	1	8	212	27	248	0	50	17	31	98	1	63	413	18	495	0	58	38	35	131	972

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04:45 PM	0	6	217	19	242	0	44	13	36	93	2	74	439	22	537	0	31	25	22	78	950
Total	5	28	879	87	999	4	189	60	132	385	9	229	1594	66	1898	0	148	114	115	377	3659
05:00 PM	1	7	226	31	265	0	51	25	27	103	0	53	446	18	517	0	28	27	24	79	964
05:15 PM	3	4	212	26	245	1	35	16	40	92	4	44	387	12	447	0	27	12	8	47	831
05:30 PM	3	9	180	25	217	1	39	22	26	88	2	49	401	21	473	0	24	24	15	63	841
05:45 PM	1	4	211	9	225	0	24	20	27	71	1	37	381	22	441	0	23	18	14	55	792
Total	8	24	829	91	952	2	149	83	120	354	7	183	1615	73	1878	0	102	81	61	244	3428
Grand Total	27	273	10446	1071	11817	13	1126	697	1221	3057	30	1412	9288	659	11389	1	749	796	482	2028	28291
Apprch %	0.2	2.3	88.4	9.1		0.4	36.8	22.8	39.9		0.3	12.4	81.6	5.8		0	36.9	39.3	23.8		
Total %	0.1	1	36.9	3.8	41.8	0	4	2.5	4.3	10.8	0.1	5	32.8	2.3	40.3	0	2.6	2.8	1.7	7.2	
Class 1	27	258	10037	1034	11356	12	1070	664	1135	2881	29	1310	8855	616	10810	1	709	757	472	1939	26986
% Class 1	100	94.5	96.1	96.5	96.1	92.3	95	95.3	93	94.2	96.7	92.8	95.3	93.5	94.9	100	94.7	95.1	97.9	95.6	95.4
Class 2	0	15	409	37	461	1	56	33	86	176	1	102	433	43	579	0	40	39	10	89	1305
% Class 2	0	5.5	3.9	3.5	3.9	7.7	5	4.7	7	5.8	3.3	7.2	4.7	6.5	5.1	0	5.3	4.9	2.1	4.4	4.6

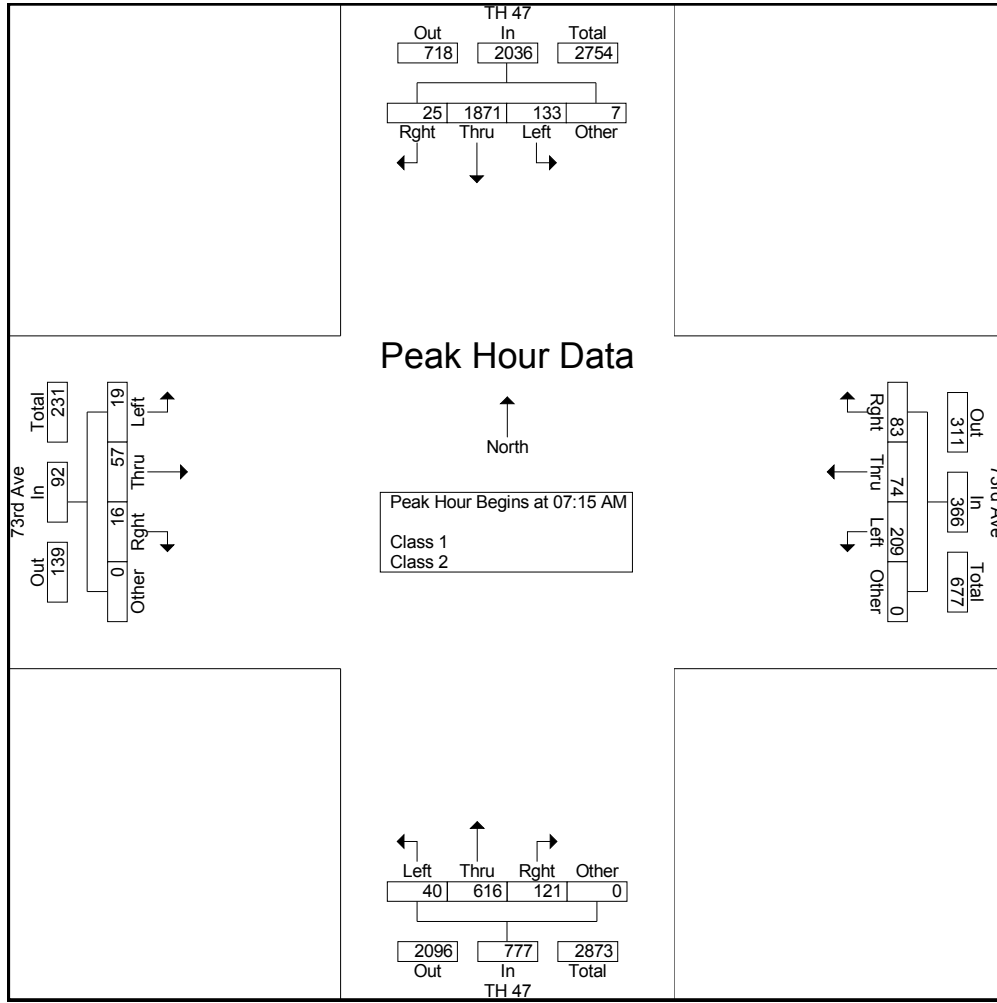
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	1	487	32	520	0	14	17	52	83	0	24	125	6	155	0	5	15	2	22	780
07:30 AM	1	6	571	23	601	0	20	18	33	71	0	35	170	7	212	0	4	18	2	24	908
07:45 AM	2	5	478	42	527	0	29	25	54	108	0	34	166	12	212	0	4	9	7	20	867
08:00 AM	4	13	335	36	388	0	20	14	70	104	0	28	155	15	198	0	3	15	8	26	716
Total Volume	7	25	1871	133	2036	0	83	74	209	366	0	121	616	40	777	0	16	57	19	92	3271
% App. Total	0.3	1.2	91.9	6.5		0	22.7	20.2	57.1		0	15.6	79.3	5.1		0	17.4	62	20.7		
PHF	.438	.481	.819	.792	.847	.000	.716	.740	.746	.847	.000	.864	.906	.667	.916	.000	.800	.792	.594	.885	.901



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	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	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 04:15 PM																					
04:15 PM	3	7	233	19	262	3	35	11	32	81	6	46	381	11	444	0	28	18	21	67	854
04:30 PM	1	8	212	27	248	0	50	17	31	98	1	63	413	18	495	0	58	38	35	131	972
04:45 PM	0	6	217	19	242	0	44	13	36	93	2	74	439	22	537	0	31	25	22	78	950
05:00 PM	1	7	226	31	265	0	51	25	27	103	0	53	446	18	517	0	28	27	24	79	964
Total Volume	5	28	888	96	1017	3	180	66	126	375	9	236	1679	69	1993	0	145	108	102	355	3740
% App. Total	0.5	2.8	87.3	9.4		0.8	48	17.6	33.6		0.5	11.8	84.2	3.5		0	40.8	30.4	28.7		
PHF	.417	.875	.953	.774	.959	.250	.882	.660	.875	.910	.375	.797	.941	.784	.928	.000	.625	.711	.729	.677	.962

