

# Alliant Engineering, Inc.

233 Park Ave Suite 300  
 Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & University Extension  
 Ref.Pt.: 11.828  
 data by : Alliant Inc.  
 TURN MOVEMENT COUNT

File Name : 616\_TH 47 & University Ave Extension  
 Site Code : 616  
 Start Date : 3/7/2018  
 Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					University Extension From East					TH 47 From South					University Extension 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	0	203	0	203	0	6	0	47	53	0	20	50	0	70	0	0	0	0	0	326
06:15 AM	0	0	239	0	239	0	2	0	66	68	0	14	48	0	62	0	0	0	0	0	369
06:30 AM	0	0	298	0	298	0	4	0	55	59	0	14	67	0	81	0	0	0	0	0	438
06:45 AM	0	0	344	0	344	0	4	0	78	82	0	26	63	0	89	0	0	0	0	0	515
Total	0	0	1084	0	1084	0	16	0	246	262	0	74	228	0	302	0	0	0	0	0	1648
07:00 AM	0	0	299	0	299	0	3	0	92	95	0	24	84	0	108	0	0	0	0	0	502
07:15 AM	0	0	342	0	342	0	3	0	90	93	0	29	95	0	124	0	0	0	0	0	559
07:30 AM	0	0	334	0	334	0	2	0	98	100	0	41	130	0	171	0	0	0	0	0	605
07:45 AM	0	0	384	0	384	0	5	0	102	107	0	32	114	0	146	0	0	0	0	0	637
Total	0	0	1359	0	1359	0	13	0	382	395	0	126	423	0	549	0	0	0	0	0	2303
08:00 AM	0	0	336	0	336	0	3	0	90	93	0	39	94	0	133	0	0	0	0	0	562
08:15 AM	0	0	223	0	223	0	1	0	73	74	0	40	97	0	137	0	0	0	0	0	434
08:30 AM	0	0	183	0	183	0	4	0	59	63	0	30	92	0	122	0	0	0	0	0	368
08:45 AM	0	0	173	0	173	0	3	0	76	79	0	33	93	0	126	0	0	0	0	0	378
Total	0	0	915	0	915	0	11	0	298	309	0	142	376	0	518	0	0	0	0	0	1742
09:00 AM	0	0	160	0	160	0	10	0	50	60	0	41	95	0	136	0	0	0	0	0	356
09:15 AM	0	0	152	0	152	0	15	0	64	79	0	61	93	0	154	0	0	0	0	0	385
*** BREAK ***																					
Total	0	0	312	0	312	0	25	0	114	139	0	102	188	0	290	0	0	0	0	0	741
*** BREAK ***																					
10:30 AM	0	0	114	0	114	0	15	0	65	80	0	52	104	0	156	0	0	0	0	0	350
10:45 AM	0	0	117	0	117	0	24	0	53	77	0	55	97	0	152	0	0	0	0	0	346
Total	0	0	231	0	231	0	39	0	118	157	0	107	201	0	308	0	0	0	0	0	696
11:00 AM	0	0	99	0	99	0	14	0	75	89	0	61	129	0	190	0	0	0	0	0	378
11:15 AM	0	0	106	0	106	0	24	0	82	106	0	89	80	0	169	0	0	0	0	0	381
11:30 AM	0	0	138	0	138	0	21	0	78	99	0	78	124	0	202	0	0	0	0	0	439
11:45 AM	0	0	111	0	111	0	28	0	81	109	0	77	149	0	226	0	0	0	0	0	446
Total	0	0	454	0	454	0	87	0	316	403	0	305	482	0	787	0	0	0	0	0	1644
12:00 PM	0	0	115	0	115	0	34	0	83	117	0	104	133	0	237	0	0	0	0	0	469
12:15 PM	0	0	123	0	123	0	30	0	87	117	0	87	121	0	208	0	0	0	0	0	448
12:30 PM	0	0	148	0	148	0	32	0	110	142	0	84	118	0	202	0	0	0	0	0	492
12:45 PM	0	0	150	0	150	0	28	0	94	122	0	75	134	0	209	0	0	0	0	0	481
Total	0	0	536	0	536	0	124	0	374	498	0	350	506	0	856	0	0	0	0	0	1890
01:00 PM	0	0	147	0	147	0	26	0	100	126	0	79	141	0	220	0	0	0	0	0	493
01:15 PM	0	0	114	0	114	0	31	0	77	108	0	90	163	0	253	0	0	0	0	0	475
*** BREAK ***																					
Total	0	0	261	0	261	0	57	0	177	234	0	169	304	0	473	0	0	0	0	0	968
*** BREAK ***																					
02:30 PM	0	0	148	0	148	0	26	0	69	95	0	101	230	0	331	0	0	0	0	0	574
02:45 PM	0	0	149	0	149	0	21	0	77	98	0	113	256	0	369	0	0	0	0	0	616
Total	0	0	297	0	297	0	47	0	146	193	0	214	486	0	700	0	0	0	0	0	1190
03:00 PM	0	0	127	0	127	0	18	0	63	81	0	145	307	0	452	0	0	0	0	0	660
03:15 PM	0	0	155	0	155	0	30	0	87	117	0	120	282	0	402	0	0	0	0	0	674
03:30 PM	0	0	129	0	129	0	34	0	81	115	0	139	292	0	431	0	0	0	0	0	675
03:45 PM	0	0	155	0	155	0	24	0	80	104	0	163	309	0	472	0	0	0	0	0	731
Total	0	0	566	0	566	0	106	0	311	417	0	567	1190	0	1757	0	0	0	0	0	2740
04:00 PM	0	0	122	0	122	0	36	0	59	95	0	147	340	0	487	0	0	0	0	0	704
04:15 PM	0	0	151	0	151	0	36	0	79	115	1	153	311	0	465	0	0	0	0	0	731
04:30 PM	0	0	142	0	142	0	41	0	77	118	0	157	322	0	479	0	0	0	0	0	739

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	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	
04:45 PM	0	0	158	0	158	0	32	0	80	112	0	119	301	0	420	0	0	0	0	0	690
Total	0	0	573	0	573	0	145	0	295	440	1	576	1274	0	1851	0	0	0	0	0	2864
05:00 PM	0	0	146	0	146	0	41	0	76	117	0	144	341	0	485	0	0	0	0	0	748
05:15 PM	0	0	175	0	175	0	28	0	85	113	0	147	357	0	504	0	0	0	0	0	792
05:30 PM	0	0	151	0	151	0	36	0	73	109	0	113	282	0	395	0	0	0	0	0	655
05:45 PM	0	0	130	0	130	0	39	0	89	128	0	106	200	0	306	0	0	0	0	0	564
Total	0	0	602	0	602	0	144	0	323	467	0	510	1180	0	1690	0	0	0	0	0	2759
Grand Total	0	0	7190	0	7190	0	814	0	3100	3914	1	3242	6838	0	10081	0	0	0	0	0	21185
Apprch %	0	0	100	0		0	20.8	0	79.2		0	32.2	67.8	0		0	0	0	0		
Total %	0	0	33.9	0	33.9	0	3.8	0	14.6	18.5	0	15.3	32.3	0	47.6	0	0	0	0	0	
Class 1	0	0	7019	0	7019	0	806	0	3023	3829	0	3152	6634	0	9786	0	0	0	0	0	20634
% Class 1	0	0	97.6	0	97.6	0	99	0	97.5	97.8	0	97.2	97	0	97.1	0	0	0	0	0	97.4
Class 2	0	0	171	0	171	0	8	0	77	85	1	90	204	0	295	0	0	0	0	0	551
% Class 2	0	0	2.4	0	2.4	0	1	0	2.5	2.2	100	2.8	3	0	2.9	0	0	0	0	0	2.6

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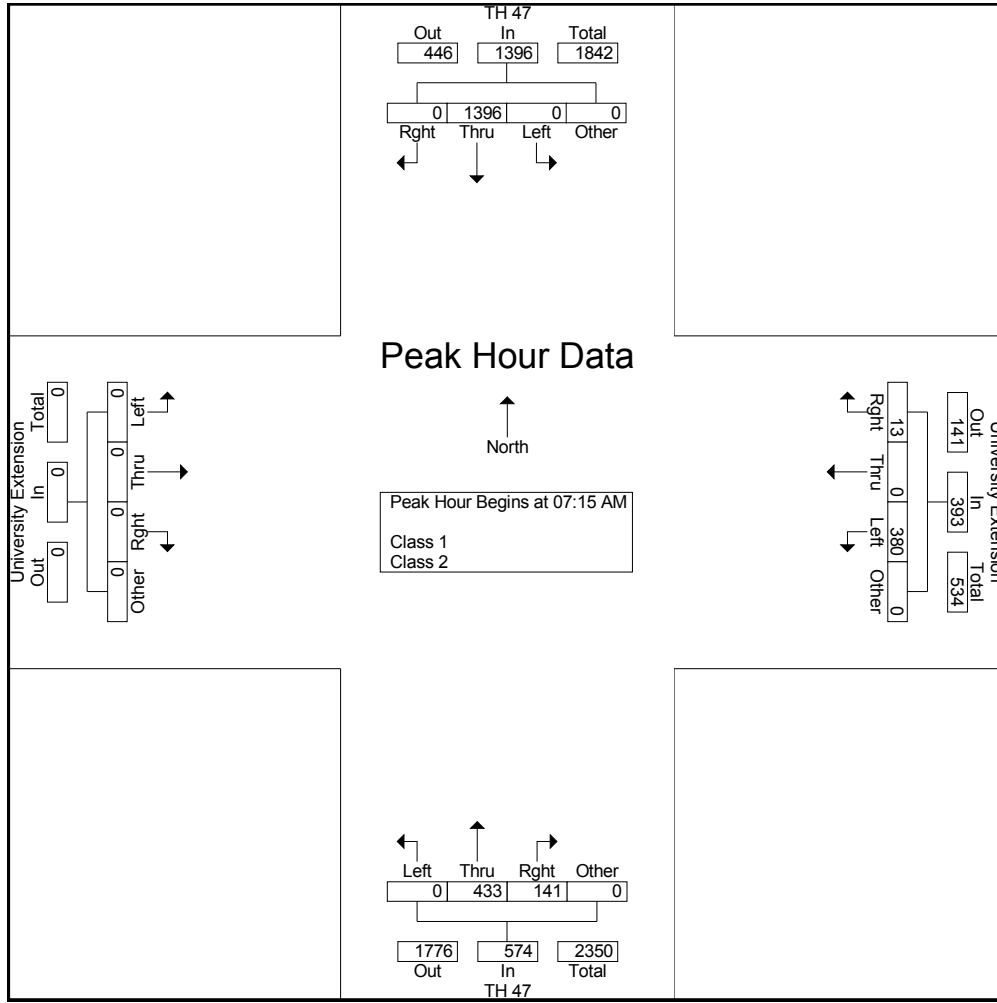
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total		
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 07:15 AM																						
07:15 AM	0	0	342	0	342	0	3	0	90	93	0	29	95	0	124	0	0	0	0	0	0	559
07:30 AM	0	0	334	0	334	0	2	0	98	100	0	41	130	0	171	0	0	0	0	0	0	605
07:45 AM	0	0	384	0	384	0	5	0	102	107	0	32	114	0	146	0	0	0	0	0	0	637
08:00 AM	0	0	336	0	336	0	3	0	90	93	0	39	94	0	133	0	0	0	0	0	0	562
Total Volume	0	0	1396	0	1396	0	13	0	380	393	0	141	433	0	574	0	0	0	0	0	0	2363
% App. Total	0	0	100	0	100	0	3.3	0	96.7	96.7	0	24.6	75.4	0	75.4	0	0	0	0	0	0	100
PHF	.000	.000	.909	.000	.909	.000	.650	.000	.931	.918	.000	.860	.833	.000	.839	.000	.000	.000	.000	.000	.000	.927



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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 04:30 PM																					
04:30 PM	0	0	142	0	142	0	41	0	77	118	0	157	322	0	479	0	0	0	0	0	739
04:45 PM	0	0	158	0	158	0	32	0	80	112	0	119	301	0	420	0	0	0	0	0	690
05:00 PM	0	0	146	0	146	0	41	0	76	117	0	144	341	0	485	0	0	0	0	0	748
05:15 PM	0	0	175	0	175	0	28	0	85	113	0	147	357	0	504	0	0	0	0	0	792
Total Volume	0	0	621	0	621	0	142	0	318	460	0	567	1321	0	1888	0	0	0	0	0	2969
% App. Total	0	0	100	0		0	30.9	0	69.1		0	30	70	0		0	0	0	0		
PHF	.000	.000	.887	.000	.887	.000	.866	.000	.935	.975	.000	.903	.925	.000	.937	.000	.000	.000	.000	.000	.937

