

Alliant Engineering, Inc

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA --

TH 47 & 81st Ave
 Ref.Pt.: 10.876
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 614_TH 47 & 81st Ave
 Site Code : 614_____
 Start Date : 3/7/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					81st Ave From East					TH 47 From South					81st Ave From West					Int. Total
	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	
06:00 AM	0	18	193	2	213	0	4	12	11	27	0	0	59	11	70	0	27	4	5	36	346
06:15 AM	0	17	270	0	287	0	3	19	15	37	0	6	63	14	83	0	21	2	4	27	434
06:30 AM	0	23	276	2	301	0	10	17	23	50	0	4	75	13	92	0	25	4	6	35	478
06:45 AM	1	22	334	14	371	0	3	23	22	48	0	9	93	17	119	0	14	7	5	26	564
Total	1	80	1073	18	1172	0	20	71	71	162	0	19	290	55	364	0	87	17	20	124	1822
07:00 AM	0	19	288	6	313	0	5	20	20	45	0	7	106	17	130	0	20	8	5	33	521
07:15 AM	1	17	345	3	366	0	5	12	16	33	0	9	115	14	138	0	29	9	8	46	583
07:30 AM	0	16	362	5	383	0	3	21	19	43	0	13	140	12	165	0	15	3	14	32	623
07:45 AM	1	22	385	7	415	0	7	29	23	59	0	17	147	12	176	0	16	20	12	48	698
Total	2	74	1380	21	1477	0	20	82	78	180	0	46	508	55	609	0	80	40	39	159	2425
08:00 AM	0	35	389	8	432	0	6	21	17	44	0	13	111	24	148	0	20	11	8	39	663
08:15 AM	1	13	272	8	294	0	10	18	11	39	0	8	129	23	160	0	21	12	18	51	544
08:30 AM	0	12	223	11	246	2	5	24	18	49	0	13	103	20	136	0	16	13	13	42	473
08:45 AM	0	8	170	12	190	0	3	17	23	43	0	16	122	42	180	0	20	9	23	52	465
Total	1	68	1054	39	1162	2	24	80	69	175	0	50	465	109	624	0	77	45	62	184	2145
09:00 AM	0	16	154	16	186	1	5	22	15	43	0	26	133	32	191	0	16	19	12	47	467
09:15 AM	0	15	140	8	163	0	10	35	26	71	0	12	165	49	226	0	22	26	17	65	525
*** BREAK ***																					
Total	0	31	294	24	349	1	15	57	41	114	0	38	298	81	417	0	38	45	29	112	992
*** BREAK ***																					
10:30 AM	0	16	129	10	155	0	5	29	12	46	0	11	157	37	205	0	27	35	30	92	498
10:45 AM	0	16	163	9	188	1	5	24	8	38	0	11	131	38	180	0	41	26	31	98	504
Total	0	32	292	19	343	1	10	53	20	84	0	22	288	75	385	0	68	61	61	190	1002
11:00 AM	0	9	159	12	180	0	7	23	22	52	0	13	149	35	197	0	29	26	29	84	513
11:15 AM	0	21	156	10	187	1	6	21	20	48	0	15	169	50	234	0	35	12	24	71	540
11:30 AM	0	21	150	15	186	0	14	24	12	50	0	24	183	40	247	0	35	23	34	92	575
11:45 AM	0	25	153	16	194	2	5	24	23	54	0	23	200	50	273	0	37	22	40	99	620
Total	0	76	618	53	747	3	32	92	77	204	0	75	701	175	951	0	136	83	127	346	2248
12:00 PM	0	24	160	18	202	1	10	19	24	54	0	24	206	64	294	0	45	31	34	110	660
12:15 PM	0	27	159	13	199	1	14	34	20	69	0	8	175	58	241	0	33	19	44	96	605
12:30 PM	2	24	165	10	201	0	9	31	21	61	0	16	142	49	207	0	35	31	29	95	564
12:45 PM	0	29	193	16	238	0	5	33	21	59	0	13	184	48	245	0	46	22	35	103	645
Total	2	104	677	57	840	2	38	117	86	243	0	61	707	219	987	0	159	103	142	404	2474
01:00 PM	0	22	158	11	191	0	10	32	26	68	0	17	200	38	255	0	29	22	34	85	599
01:15 PM	0	26	181	17	224	0	13	37	24	74	0	17	195	39	251	0	43	20	24	87	636
*** BREAK ***																					
Total	0	48	339	28	415	0	23	69	50	142	0	34	395	77	506	0	72	42	58	172	1235
*** BREAK ***																					
02:30 PM	0	18	166	15	199	0	5	20	12	37	0	24	269	46	339	0	48	41	41	130	705
02:45 PM	0	21	209	17	247	0	10	35	18	63	0	27	299	42	368	0	42	26	34	102	780
Total	0	39	375	32	446	0	15	55	30	100	0	51	568	88	707	0	90	67	75	232	1485
03:00 PM	0	21	162	20	203	0	13	24	16	53	0	29	366	46	441	0	41	29	57	127	824
03:15 PM	0	26	166	21	213	0	7	27	25	59	0	31	345	42	418	0	51	20	45	116	806
03:30 PM	0	16	191	24	231	0	9	21	16	46	0	24	330	30	384	0	35	32	56	123	784
03:45 PM	0	12	219	30	261	0	12	26	15	53	0	45	407	18	470	0	25	34	47	106	890
Total	0	75	738	95	908	0	41	98	72	211	0	129	1448	136	1713	0	152	115	205	472	3304
04:00 PM	0	15	162	18	195	0	14	30	22	66	0	33	397	29	459	0	17	33	53	103	823
04:15 PM	0	13	174	21	208	0	11	32	26	69	0	21	398	36	455	0	27	28	46	101	833
04:30 PM	0	14	193	19	226	0	7	27	29	63	1	29	384	23	437	0	24	36	54	114	840
04:45 PM	0	17	197	17	231	0	14	31	23	68	0	28	428	27	483	0	28	36	50	114	896
Total	0	59	726	75	860	0	46	120	100	266	1	111	1607	115	1834	0	96	133	203	432	3392

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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	
05:00 PM	0	14	182	24	220	0	14	19	28	61	0	34	459	33	526	0	17	31	49	97	904
05:15 PM	0	16	173	19	208	0	12	25	27	64	0	21	461	9	491	0	1	33	50	84	847
05:30 PM	0	13	189	16	218	0	14	36	18	68	0	23	364	2	389	0	1	29	34	64	739
05:45 PM	0	17	187	12	216	0	2	28	23	53	0	23	289	12	324	0	5	17	39	61	654
Total	0	60	731	71	862	0	42	108	96	246	0	101	1573	56	1730	0	24	110	172	306	3144
Grand Total	6	746	8297	532	9581	9	326	1002	790	2127	1	737	8848	1241	10827	0	1079	861	1193	3133	25668
Apprch %	0.1	7.8	86.6	5.6		0.4	15.3	47.1	37.1		0	6.8	81.7	11.5		0	34.4	27.5	38.1		
Total %	0	2.9	32.3	2.1	37.3	0	1.3	3.9	3.1	8.3	0	2.9	34.5	4.8	42.2	0	4.2	3.4	4.6	12.2	
Class 1	6	693	8001	521	9221	9	318	962	769	2058	1	724	8565	1116	10406	0	961	835	1110	2906	24591
% Class 1	100	92.9	96.4	97.9	96.2	100	97.5	96	97.3	96.8	100	98.2	96.8	89.9	96.1	0	89.1	97	93	92.8	95.8
Class 2	0	53	296	11	360	0	8	40	21	69	0	13	283	125	421	0	118	26	83	227	1077
% Class 2	0	7.1	3.6	2.1	3.8	0	2.5	4	2.7	3.2	0	1.8	3.2	10.1	3.9	0	10.9	3	7	7.2	4.2

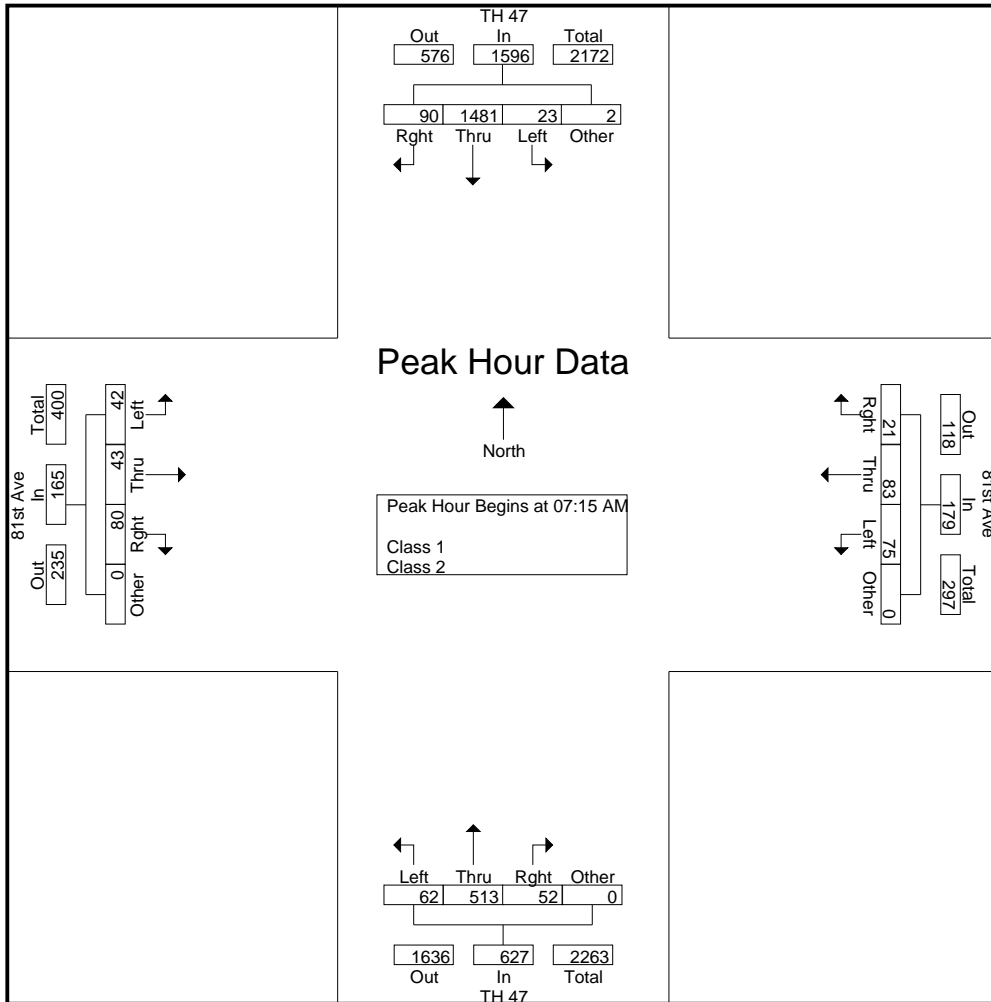
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	1	17	345	3	366	0	5	12	16	33	0	9	115	14	138	0	29	9	8	46	583
07:30 AM	0	16	362	5	383	0	3	21	19	43	0	13	140	12	165	0	15	3	14	32	623
07:45 AM	1	22	385	7	415	0	7	29	23	59	0	17	147	12	176	0	16	20	12	48	698
08:00 AM	0	35	389	8	432	0	6	21	17	44	0	13	111	24	148	0	20	11	8	39	663
Total Volume	2	90	1481	23	1596	0	21	83	75	179	0	52	513	62	627	0	80	43	42	165	2567
% App. Total	0.1	5.6	92.8	1.4		0	11.7	46.4	41.9		0	8.3	81.8	9.9		0	48.5	26.1	25.5		
PHF	.500	.643	.952	.719	.924	.000	.750	.716	.815	.758	.000	.765	.872	.646	.891	.000	.690	.538	.750	.859	.919



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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	14	193	19	226	0	7	27	29	63	1	29	384	23	437	0	24	36	54	114	840
04:45 PM	0	17	197	17	231	0	14	31	23	68	0	28	428	27	483	0	28	36	50	114	896
05:00 PM	0	14	182	24	220	0	14	19	28	61	0	34	459	33	526	0	17	31	49	97	904
05:15 PM	0	16	173	19	208	0	12	25	27	64	0	21	461	9	491	0	1	33	50	84	847
Total Volume	0	61	745	79	885	0	47	102	107	256	1	112	1732	92	1937	0	70	136	203	409	3487
% App. Total	0	6.9	84.2	8.9		0	18.4	39.8	41.8		0.1	5.8	89.4	4.7		0	17.1	33.3	49.6		
PHF	.000	.897	.945	.823	.958	.000	.839	.823	.922	.941	.250	.824	.939	.697	.921	.000	.625	.944	.940	.897	.964