

Alliant Engineering, Inc

733 Marquette Ave, Ste 700
Minneapolis, MN 55402

--TRAFFIC DATA--

414_TH 41 & TH 5
Ref. Pt.: 42.422
data by: Alliant Inc.
TURN MOVEMENT COUNT

File Name : 414_TH 41 & TH 5
Site Code : 00000414
Start Date : 9/19/2018
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 41 From North					TH 5 From East					TH 41 From South					TH 5 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	24	24	7	0	55	3	39	2	0	44	3	15	2	0	20	16	122	15	0	153	272
06:15 AM	20	31	10	0	61	14	58	12	0	84	3	26	3	0	32	43	188	7	0	238	415
06:30 AM	24	42	14	0	80	12	61	19	0	92	7	29	3	0	39	53	237	8	0	298	509
06:45 AM	24	66	22	0	112	9	75	8	0	92	11	37	9	0	57	55	288	23	0	366	627
Total	92	163	53	0	308	38	233	41	0	312	24	107	17	0	148	167	835	53	0	1055	1823
07:00 AM	37	59	23	0	119	11	54	19	0	84	12	62	15	0	89	76	294	23	0	393	685
07:15 AM	46	50	17	0	113	12	59	13	0	84	16	67	17	0	100	68	320	19	0	407	704
07:30 AM	61	90	35	0	186	7	71	16	0	94	15	82	33	0	130	68	254	13	0	335	745
07:45 AM	69	70	25	0	164	16	84	26	0	126	15	71	19	0	105	50	312	16	0	378	773
Total	213	269	100	0	582	46	268	74	0	388	58	282	84	0	424	262	1180	71	0	1513	2907
08:00 AM	67	75	31	0	173	15	69	26	0	110	11	44	18	0	73	54	251	21	0	326	682
08:15 AM	52	69	21	0	142	16	77	25	0	118	10	73	17	0	100	64	286	9	0	359	719
08:30 AM	66	76	22	0	164	19	91	25	0	135	17	72	14	0	103	53	216	8	0	277	679
08:45 AM	62	56	33	0	151	20	95	44	0	159	11	70	19	0	100	60	230	15	0	305	715
Total	247	276	107	0	630	70	332	120	0	522	49	259	68	0	376	231	983	53	0	1267	2795
09:00 AM	68	59	35	0	162	11	80	35	0	126	12	46	21	0	79	69	203	15	0	287	654
09:15 AM	69	38	32	0	139	29	103	30	0	162	11	27	25	0	63	39	169	10	0	218	582
*** BREAK ***																					
Total	137	97	67	0	301	40	183	65	0	288	23	73	46	0	142	108	372	25	0	505	1236
*** BREAK ***																					
10:30 AM	15	28	12	0	55	23	105	21	0	149	21	36	25	0	82	25	128	15	0	168	454
10:45 AM	26	32	20	0	78	24	111	32	0	167	18	35	24	0	77	30	138	7	0	175	497
Total	41	60	32	0	133	47	216	53	0	316	39	71	49	0	159	55	266	22	0	343	951
11:00 AM	19	41	25	0	85	24	91	37	0	152	26	39	31	0	96	28	134	9	0	171	504
11:15 AM	32	41	32	0	105	24	123	45	0	192	14	56	40	0	110	37	156	13	0	206	613
11:30 AM	45	43	45	0	133	15	99	35	0	149	25	40	26	0	91	25	114	8	0	147	520
11:45 AM	40	40	28	0	108	22	122	24	0	168	18	34	33	0	85	23	127	12	0	162	523
Total	136	165	130	0	431	85	435	141	0	661	83	169	130	0	382	113	531	42	0	686	2160
12:00 PM	35	44	21	0	100	18	104	29	0	151	23	49	32	0	104	18	115	18	0	151	506
12:15 PM	22	37	25	0	84	29	121	43	0	193	18	50	33	0	101	36	132	9	0	177	555
12:30 PM	40	56	18	0	114	32	124	30	0	186	22	54	34	0	110	20	110	21	0	151	561
12:45 PM	32	44	21	0	97	26	155	39	0	220	23	41	29	0	93	26	142	19	0	187	597
Total	129	181	85	0	395	105	504	141	0	750	86	194	128	0	408	100	499	67	0	666	2219
01:00 PM	32	44	16	0	92	18	124	29	0	171	18	52	32	0	102	28	114	21	0	163	528
01:15 PM	20	42	20	0	82	27	135	30	0	192	20	53	35	0	108	24	107	25	0	156	538
*** BREAK ***																					
Total	52	86	36	0	174	45	259	59	0	363	38	105	67	0	210	52	221	46	0	319	1066
*** BREAK ***																					
02:30 PM	27	49	31	0	107	34	166	32	0	232	36	51	30	0	117	27	135	7	0	169	625
02:45 PM	29	55	27	0	111	27	184	50	0	261	34	63	21	0	118	41	95	16	0	152	642
Total	56	104	58	0	218	61	350	82	0	493	70	114	51	0	235	68	230	23	0	321	1267
03:00 PM	40	65	43	0	148	25	232	45	0	302	62	83	25	0	170	36	109	12	0	157	777
03:15 PM	29	67	34	0	130	50	239	49	0	338	47	93	14	0	154	42	105	11	0	158	780
03:30 PM	32	57	31	0	120	36	199	43	0	278	53	66	17	0	136	41	123	19	0	183	717
03:45 PM	34	56	40	0	130	30	256	67	0	353	49	90	9	0	148	37	136	16	0	189	820
Total	135	245	148	0	528	141	926	204	0	1271	211	332	65	0	608	156	473	58	0	687	3094

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Start Time	TH 41 From North					TH 5 From East					TH 41 From South					TH 5 From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
04:00 PM	28	48	49	0	125	30	253	76	0	359	60	100	9	0	169	43	120	12	0	175	828
04:15 PM	37	69	41	0	147	35	239	63	0	337	78	119	6	0	203	42	121	8	0	171	858
04:30 PM	27	57	40	0	124	30	272	97	0	399	62	98	6	0	166	37	105	13	0	155	844
04:45 PM	41	63	39	0	143	30	215	99	0	344	43	107	15	0	165	46	122	19	0	187	839
Total	133	237	169	0	539	125	979	335	0	1439	243	424	36	0	703	168	468	52	0	688	3369
05:00 PM	35	75	32	0	142	28	279	77	0	384	82	121	2	0	205	37	117	15	0	169	900
05:15 PM	31	76	32	0	139	37	235	80	0	352	53	121	4	0	178	37	140	11	0	188	857
05:30 PM	34	70	39	0	143	38	252	63	0	353	39	62	6	0	107	34	131	13	0	178	781
05:45 PM	45	67	39	0	151	37	274	76	0	387	47	63	13	0	123	38	153	11	0	202	863
Total	145	288	142	0	575	140	1040	296	0	1476	221	367	25	0	613	146	541	50	0	737	3401
Grand Total	1516	2171	1127	0	4814	943	5725	1611	0	8279	1145	2497	766	0	4408	1626	6599	562	0	8787	26288
Apprch %	31.5	45.1	23.4	0		11.4	69.2	19.5	0		26	56.6	17.4	0		18.5	75.1	6.4	0		
Total %	5.8	8.3	4.3	0	18.3	3.6	21.8	6.1	0	31.5	4.4	9.5	2.9	0	16.8	6.2	25.1	2.1	0	33.4	
Class 1	1460	2060	1097	0	4617	879	5561	1562	0	8002	1082	2378	706	0	4166	1590	6398	523	0	8511	25296
% Class 1	96.3	94.9	97.3	0	95.9	93.2	97.1	97	0	96.7	94.5	95.2	92.2	0	94.5	97.8	97	93.1	0	96.9	96.2
Class 2	56	111	30	0	197	64	164	49	0	277	63	119	60	0	242	36	201	39	0	276	992
% Class 2	3.7	5.1	2.7	0	4.1	6.8	2.9	3	0	3.3	5.5	4.8	7.8	0	5.5	2.2	3	6.9	0	3.1	3.8

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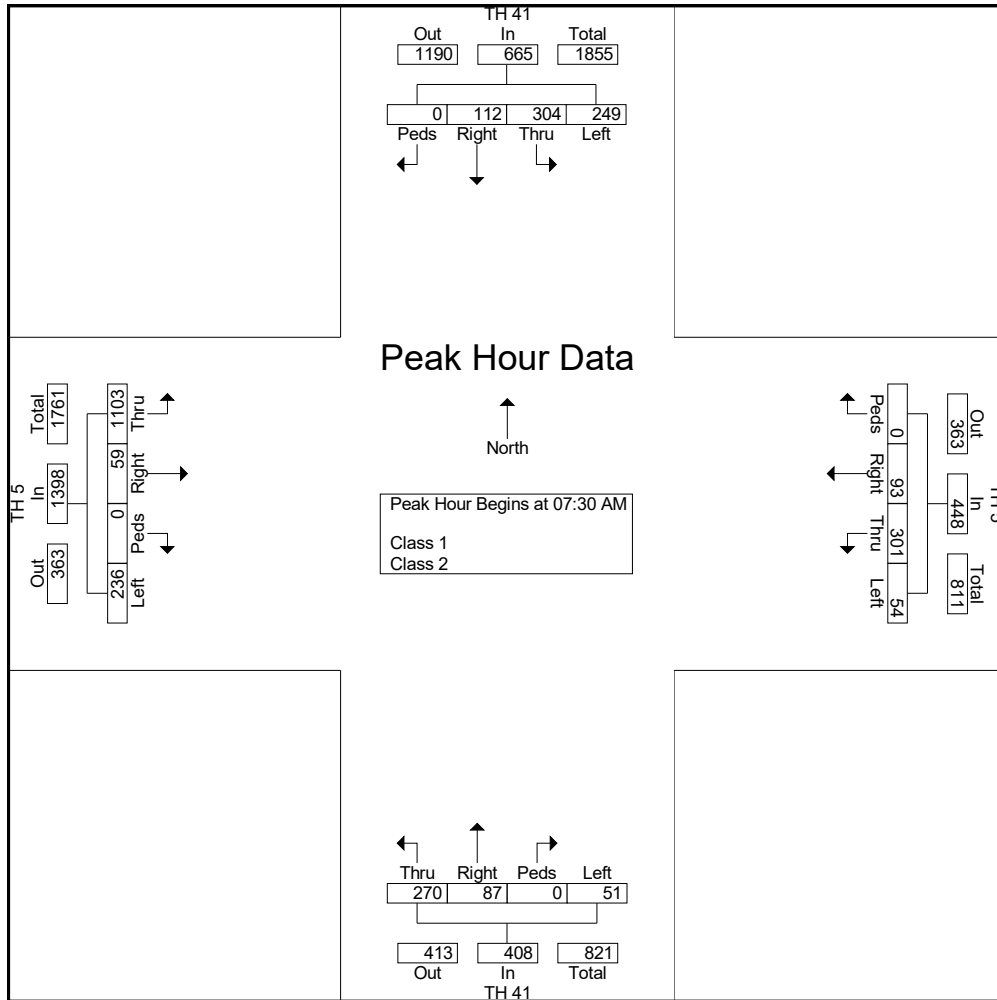
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	61	90	35	0	186	7	71	16	0	94	15	82	33	0	130	68	254	13	0	335	745
07:45 AM	69	70	25	0	164	16	84	26	0	126	15	71	19	0	105	50	312	16	0	378	773
08:00 AM	67	75	31	0	173	15	69	26	0	110	11	44	18	0	73	54	251	21	0	326	682
08:15 AM	52	69	21	0	142	16	77	25	0	118	10	73	17	0	100	64	286	9	0	359	719
Total Volume	249	304	112	0	665	54	301	93	0	448	51	270	87	0	408	236	1103	59	0	1398	2919
% App. Total	37.4	45.7	16.8	0		12.1	67.2	20.8	0		12.5	66.2	21.3	0		16.9	78.9	4.2	0		
PHF	.902	.844	.800	.000	.894	.844	.896	.894	.000	.889	.850	.823	.659	.000	.785	.868	.884	.702	.000	.925	.944



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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	37	69	41	0	147	35	239	63	0	337	78	119	6	0	203	42	121	8	0	171	858
04:30 PM	27	57	40	0	124	30	272	97	0	399	62	98	6	0	166	37	105	13	0	155	844
04:45 PM	41	63	39	0	143	30	215	99	0	344	43	107	15	0	165	46	122	19	0	187	839
05:00 PM	35	75	32	0	142	28	279	77	0	384	82	121	2	0	205	37	117	15	0	169	900
Total Volume	140	264	152	0	556	123	1005	336	0	1464	265	445	29	0	739	162	465	55	0	682	3441
% App. Total	25.2	47.5	27.3	0		8.4	68.6	23	0		35.9	60.2	3.9	0		23.8	68.2	8.1	0		
PHF	.854	.880	.927	.000	.946	.879	.901	.848	.000	.917	.808	.919	.483	.000	.901	.880	.953	.724	.000	.912	.956

