

Alliant Engineering, Inc

733 Marquette Ave, Ste 700

Minneapolis, MN 55402

--TRAFFIC DATA--

402_TH 41 & 4th Street
 Ref. Pt.: 1.883
 data by: Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 402_TH 41 & 4th Street
 Site Code : 00000402
 Start Date : 9/18/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 41 From North					4th Street From East					TH 41 From South					4th Street 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	0	87	1	0	88	1	1	5	0	7	2	69	3	0	74	0	2	4	0	6	175
06:15 AM	4	100	2	0	106	0	1	2	0	3	5	71	7	0	83	1	2	3	0	6	198
06:30 AM	5	106	1	0	112	5	0	7	0	12	5	141	5	0	151	1	1	7	0	9	284
06:45 AM	8	129	2	0	139	6	0	7	0	13	0	150	9	0	159	1	4	10	0	15	326
Total	17	422	6	0	445	12	2	21	0	35	12	431	24	0	467	3	9	24	0	36	983
07:00 AM	5	127	0	0	132	4	0	7	0	11	0	189	6	0	195	0	4	5	0	9	347
07:15 AM	8	144	2	0	154	3	4	2	0	9	4	208	16	0	228	2	12	4	0	18	409
07:30 AM	14	152	2	0	168	4	2	4	0	10	6	239	19	1	265	3	12	5	0	20	463
07:45 AM	31	176	2	0	209	6	7	6	0	19	2	222	24	0	248	1	34	2	0	37	513
Total	58	599	6	0	663	17	13	19	0	49	12	858	65	1	936	6	62	16	0	84	1732
08:00 AM	29	107	4	0	140	10	6	15	0	31	5	195	15	0	215	1	6	3	0	10	396
08:15 AM	13	126	6	0	145	8	2	10	0	20	3	168	15	0	186	2	9	2	0	13	364
08:30 AM	17	114	2	0	133	6	4	4	0	14	7	144	5	0	156	3	4	3	0	10	313
08:45 AM	23	132	6	0	161	6	5	13	0	24	4	114	6	0	124	4	11	3	0	18	327
Total	82	479	18	0	579	30	17	42	0	89	19	621	41	0	681	10	30	11	0	51	1400
09:00 AM	23	89	5	0	117	7	6	13	0	26	7	151	12	0	170	2	14	5	0	21	334
09:15 AM	16	105	2	0	123	8	12	20	0	40	7	87	5	0	99	5	4	4	0	13	275
*** BREAK ***																					
Total	39	194	7	0	240	15	18	33	0	66	14	238	17	0	269	7	18	9	0	34	609
*** BREAK ***																					
10:30 AM	10	118	4	3	135	5	2	10	1	18	7	100	5	0	112	2	4	6	0	12	277
10:45 AM	15	104	7	0	126	6	8	13	0	27	5	108	1	0	114	0	7	3	0	10	277
Total	25	222	11	3	261	11	10	23	1	45	12	208	6	0	226	2	11	9	0	22	554
11:00 AM	18	99	4	2	123	9	6	12	3	30	2	96	1	4	103	4	6	3	1	14	270
11:15 AM	9	96	5	2	112	8	8	14	2	32	3	75	2	2	82	8	2	6	1	17	243
11:30 AM	11	111	3	3	128	14	1	10	1	26	3	106	4	0	113	6	7	4	3	20	287
11:45 AM	16	94	3	0	113	25	4	14	0	43	8	117	7	2	134	7	10	6	3	26	316
Total	54	400	15	7	476	56	19	50	6	131	16	394	14	8	432	25	25	19	8	77	1116
12:00 PM	9	110	11	1	131	6	5	20	0	31	5	126	7	0	138	10	10	3	1	24	324
12:15 PM	9	112	8	0	129	11	8	11	3	33	4	109	5	0	118	10	10	9	0	29	309
12:30 PM	18	110	10	0	138	4	7	12	0	23	4	106	6	0	116	7	6	6	0	19	296
12:45 PM	22	121	13	3	159	10	5	7	0	22	2	95	7	0	104	8	6	7	0	21	306
Total	58	453	42	4	557	31	25	50	3	109	15	436	25	0	476	35	32	25	1	93	1235
01:00 PM	24	122	4	4	154	4	7	9	0	20	9	108	3	0	120	5	9	5	0	19	313
01:15 PM	16	114	3	1	134	9	7	19	0	35	12	117	9	0	138	4	10	5	1	20	327
*** BREAK ***																					
Total	40	236	7	5	288	13	14	28	0	55	21	225	12	0	258	9	19	10	1	39	640
*** BREAK ***																					
02:30 PM	9	102	3	0	114	11	11	19	1	42	5	151	7	1	164	7	5	5	0	17	337
02:45 PM	15	155	3	1	174	31	15	21	0	67	3	159	10	0	172	7	13	7	0	27	440
Total	24	257	6	1	288	42	26	40	1	109	8	310	17	1	336	14	18	12	0	44	777
03:00 PM	8	159	5	2	174	18	14	16	0	48	9	143	14	1	167	4	11	4	0	19	408
03:15 PM	21	143	9	1	174	11	7	19	0	37	11	163	8	1	183	6	14	7	1	28	422
03:30 PM	14	178	7	1	200	20	8	21	1	50	12	194	10	0	216	6	7	6	1	20	486
03:45 PM	16	191	8	1	216	15	11	26	1	53	10	177	8	0	195	5	10	10	0	25	489
Total	59	671	29	5	764	64	40	82	2	188	42	677	40	2	761	21	42	27	2	92	1805

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Start Time	TH 41 From North					4th Street From East					TH 41 From South					4th Street 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	10	200	4	1	215	9	13	18	1	41	6	204	12	0	222	3	11	7	0	21	499
04:15 PM	8	200	8	0	216	11	14	20	0	45	5	182	9	1	197	11	8	3	0	22	480
04:30 PM	9	211	8	0	228	22	32	31	0	85	10	190	10	1	211	9	10	5	1	25	549
04:45 PM	18	214	7	0	239	16	20	20	2	58	21	210	7	4	242	6	6	6	1	19	558
Total	45	825	27	1	898	58	79	89	3	229	42	786	38	6	872	29	35	21	2	87	2086
05:00 PM	2	183	7	3	195	11	11	13	4	39	14	218	3	2	237	8	13	4	0	25	496
05:15 PM	10	183	3	0	196	11	9	8	0	28	11	207	9	2	229	8	13	8	0	29	482
05:30 PM	12	172	6	4	194	7	5	10	6	28	8	219	8	0	235	4	5	5	1	15	472
05:45 PM	6	124	4	0	134	4	6	10	1	21	10	162	3	0	175	7	5	5	1	18	348
Total	30	662	20	7	719	33	31	41	11	116	43	806	23	4	876	27	36	22	2	87	1798
Grand Total	531	5420	194	33	6178	382	294	518	27	1221	256	5990	322	22	6590	188	337	205	16	746	14735
Apprch %	8.6	87.7	3.1	0.5		31.3	24.1	42.4	2.2		3.9	90.9	4.9	0.3		25.2	45.2	27.5	2.1		
Total %	3.6	36.8	1.3	0.2	41.9	2.6	2	3.5	0.2	8.3	1.7	40.7	2.2	0.1	44.7	1.3	2.3	1.4	0.1	5.1	
Class 1	504	4822	189	32	5547	377	269	492	20	1158	249	5350	310	20	5929	187	321	200	15	723	13357
% Class 1	94.9	89	97.4	97	89.8	98.7	91.5	95	74.1	94.8	97.3	89.3	96.3	90.9	90	99.5	95.3	97.6	93.8	96.9	90.6
Class 2	27	598	5	1	631	5	25	26	7	63	7	640	12	2	661	1	16	5	1	23	1378
% Class 2	5.1	11	2.6	3	10.2	1.3	8.5	5	25.9	5.2	2.7	10.7	3.7	9.1	10	0.5	4.7	2.4	6.2	3.1	9.4

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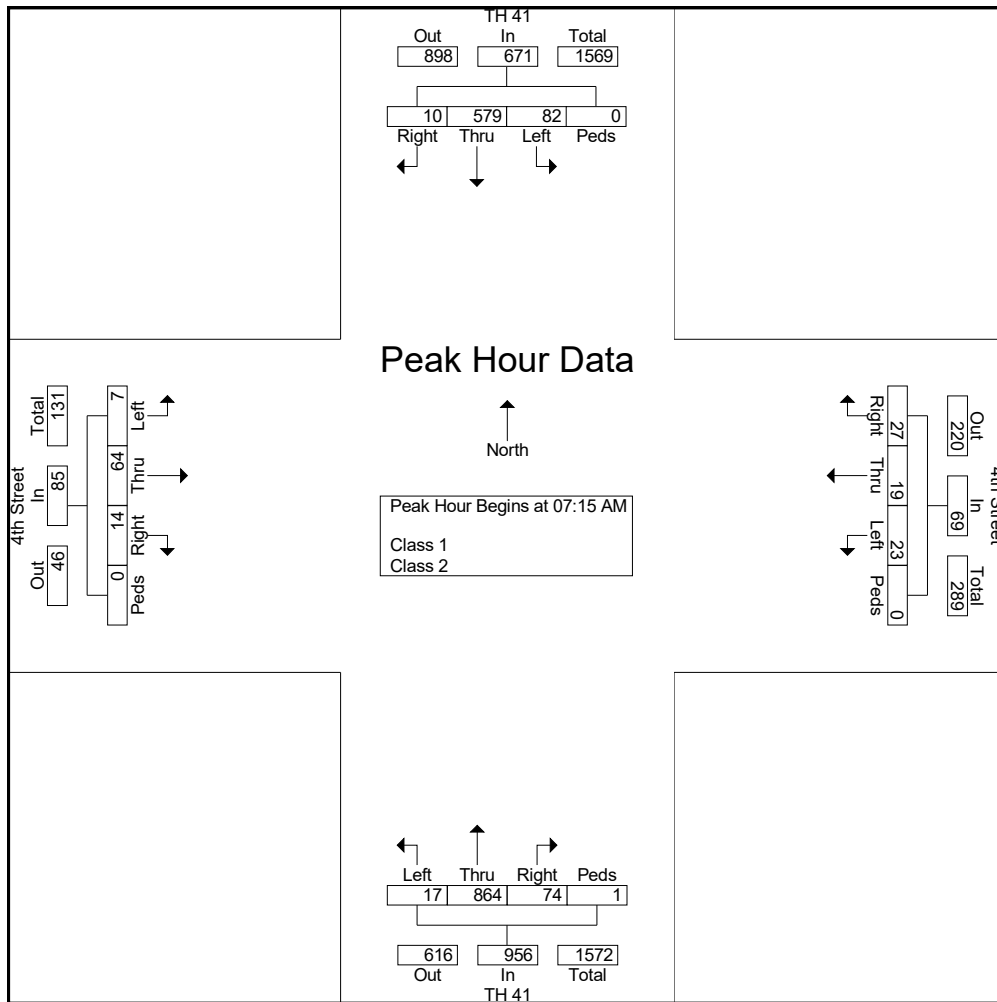
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	8	144	2	0	154	3	4	2	0	9	4	208	16	0	228	2	12	4	0	18	409
07:30 AM	14	152	2	0	168	4	2	4	0	10	6	239	19	1	265	3	12	5	0	20	463
07:45 AM	31	176	2	0	209	6	7	6	0	19	2	222	24	0	248	1	34	2	0	37	513
08:00 AM	29	107	4	0	140	10	6	15	0	31	5	195	15	0	215	1	6	3	0	10	396
Total Volume	82	579	10	0	671	23	19	27	0	69	17	864	74	1	956	7	64	14	0	85	1781
% App. Total	12.2	86.3	1.5	0		33.3	27.5	39.1	0		1.8	90.4	7.7	0.1		8.2	75.3	16.5	0		
PHF	.661	.822	.625	.000	.803	.575	.679	.450	.000	.556	.708	.904	.771	.250	.902	.583	.471	.700	.000	.574	.868



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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 04:00 PM																					
04:00 PM	10	200	4	1	215	9	13	18	1	41	6	204	12	0	222	3	11	7	0	21	499
04:15 PM	8	200	8	0	216	11	14	20	0	45	5	182	9	1	197	11	8	3	0	22	480
04:30 PM	9	211	8	0	228	22	32	31	0	85	10	190	10	1	211	9	10	5	1	25	549
04:45 PM	18	214	7	0	239	16	20	20	2	58	21	210	7	4	242	6	6	6	1	19	558
Total Volume	45	825	27	1	898	58	79	89	3	229	42	786	38	6	872	29	35	21	2	87	2086
% App. Total	5	91.9	3	0.1		25.3	34.5	38.9	1.3		4.8	90.1	4.4	0.7		33.3	40.2	24.1	2.3		
PHF	.625	.964	.844	.250	.939	.659	.617	.718	.375	.674	.500	.936	.792	.375	.901	.659	.795	.750	.500	.870	.935

