

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-3 at McAndrews Rd / CSAH-38

Ref.Pt.: 035.075

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 304 - TH 3 and McAndrews Rd

Site Code : 304

Start Date : 4/7/2015

Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				N/A Westbound				TH-3 Northbound				McAndrews Rd / CSAH-38 Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
06:00	0	27	6	0	0	0	0	0	46	77	0	0	8	0	8	0	172
06:15	0	21	3	0	0	0	0	0	55	93	0	0	11	0	10	0	193
06:30	0	35	5	0	0	0	0	0	59	115	0	0	18	0	19	1	252
06:45	0	65	11	0	0	0	0	0	67	199	0	0	26	0	29	0	397
Total	0	148	25	0	0	0	0	0	227	484	0	0	63	0	66	1	1014
07:00	0	82	18	0	0	0	0	0	99	171	0	0	19	0	37	0	426
07:15	0	73	16	0	0	0	0	0	93	217	0	0	27	0	41	0	467
07:30	0	69	16	0	0	0	0	0	87	255	0	0	56	0	25	0	508
07:45	0	66	28	0	0	0	0	0	89	232	0	0	50	0	41	0	506
Total	0	290	78	0	0	0	0	0	368	875	0	0	152	0	144	0	1907
08:00	0	51	20	0	0	0	0	0	73	155	0	0	39	0	29	0	367
08:15	0	42	16	0	0	0	0	0	59	139	0	0	27	0	16	0	299
08:30	0	46	9	0	0	0	0	0	54	118	0	1	18	0	15	2	263
08:45	0	42	15	0	0	0	0	0	41	90	0	0	21	0	18	0	227
Total	0	181	60	0	0	0	0	0	227	502	0	1	105	0	78	2	1156
09:00	0	66	20	0	0	0	0	0	37	105	0	0	22	0	21	0	271
09:15	0	90	16	0	0	0	0	0	47	91	0	0	27	0	14	2	287
*** BREAK ***																	
Total	0	156	36	0	0	0	0	0	84	196	0	0	49	0	35	2	558
*** BREAK ***																	
10:30	0	42	13	0	0	0	0	0	23	67	0	0	3	0	14	0	162
10:45	0	46	4	0	0	0	0	0	22	52	0	0	5	0	19	0	148
Total	0	88	17	0	0	0	0	0	45	119	0	0	8	0	33	0	310
11:00	0	45	11	0	0	0	0	0	24	60	0	0	10	0	16	0	166
11:15	0	50	6	0	0	0	0	0	14	46	0	0	7	0	12	0	135
11:30	0	58	9	0	0	0	0	0	20	53	0	0	10	0	15	0	165
11:45	0	54	8	0	0	0	0	0	12	57	0	0	16	0	28	0	175
Total	0	207	34	0	0	0	0	0	70	216	0	0	43	0	71	0	641
12:00	0	62	14	0	0	0	0	0	22	56	0	0	8	0	15	0	177
12:15	0	67	13	0	0	0	0	0	28	55	0	0	15	0	12	0	190
12:30	0	57	9	0	0	0	0	0	27	62	0	0	12	0	22	0	189
12:45	0	50	14	0	0	0	0	0	22	53	0	0	9	0	18	0	166
Total	0	236	50	0	0	0	0	0	99	226	0	0	44	0	67	0	722
13:00	0	51	10	0	0	0	0	0	28	49	0	0	13	0	13	0	164
13:15	0	47	6	0	0	0	0	0	31	56	0	0	7	0	21	0	168
*** BREAK ***																	
Total	0	98	16	0	0	0	0	0	59	105	0	0	20	0	34	0	332
*** BREAK ***																	
14:30	0	83	15	0	0	0	0	0	34	101	0	0	9	0	26	0	268
14:45	0	97	17	0	0	0	0	0	28	76	0	0	10	0	23	0	251
Total	0	180	32	0	0	0	0	0	62	177	0	0	19	0	49	0	519
15:00	0	88	16	0	0	0	0	0	43	68	0	0	17	0	28	0	260
15:15	0	116	24	0	0	0	0	0	29	90	0	0	15	0	42	1	317
15:30	0	114	29	0	0	0	0	0	42	90	0	0	15	0	47	0	337
15:45	0	175	35	0	0	0	0	0	38	58	0	0	22	0	48	0	376
Total	0	493	104	0	0	0	0	0	152	306	0	0	69	0	165	1	1290
16:00	0	172	37	0	0	0	0	0	32	63	0	0	14	0	43	0	361
16:15	0	193	42	0	0	0	0	0	37	83	0	0	17	0	48	4	424
16:30	1	151	44	0	0	0	0	0	44	99	0	0	12	0	65	0	416

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Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				N/A Westbound				TH-3 Northbound				McAndrews Rd / CSAH-38 Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
16:45	0	198	44	0	0	0	0	0	36	98	0	0	18	0	63	0	457
Total	1	714	167	0	0	0	0	0	149	343	0	0	61	0	219	4	1658
17:00	0	175	36	0	0	0	0	0	42	95	0	0	17	0	71	0	436
17:15	0	215	46	0	0	0	0	0	35	99	0	0	30	0	65	0	490
17:30	0	177	55	0	0	0	0	0	22	87	0	0	19	0	76	0	436
17:45	0	164	32	0	0	0	0	0	33	76	0	0	20	0	56	0	381
Total	0	731	169	0	0	0	0	0	132	357	0	0	86	0	268	0	1743
*** BREAK ***																	
Grand Total	1	3522	788	0	0	0	0	0	1674	3906	0	1	719	0	1229	10	11850
Apprch %	0	81.7	18.3	0	0	0	0	0	30	70	0	0	36.7	0	62.8	0.5	
Total %	0	29.7	6.6	0	0	0	0	0	14.1	33	0	0	6.1	0	10.4	0.1	
Cars	1	3386	776	0	0	0	0	0	1646	3790	0	1	706	0	1205	8	11519
% Cars	100	96.1	98.5	0	0	0	0	0	98.3	97	0	100	98.2	0	98	80	97.2
Trucks	0	136	12	0	0	0	0	0	28	116	0	0	13	0	24	2	331
% Trucks	0	3.9	1.5	0	0	0	0	0	1.7	3	0	0	1.8	0	2	20	2.8

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	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	0	<b>82</b>	18	0	<b>100</b>	0	0	0	0	0	<b>99</b>	171	0	0	270	19	0	37	0	56	426
07:15	0	73	16	0	89	0	0	0	0	0	93	217	0	0	310	27	0	<b>41</b>	0	68	467
07:30	0	69	16	0	85	0	0	0	0	0	87	<b>255</b>	0	0	<b>342</b>	<b>56</b>	0	25	0	81	<b>508</b>
07:45	0	66	<b>28</b>	0	94	0	0	0	0	0	89	232	0	0	321	50	0	41	0	<b>91</b>	506
Total Volume	0	290	78	0	368	0	0	0	0	0	368	875	0	0	1243	152	0	144	0	296	1907
% App. Total	0	78.8	21.2	0		0	0	0	0		29.6	70.4	0	0		51.4	0	48.6	0		
PHF	.000	.884	.696	.000	.920	.000	.000	.000	.000	.000	.929	.858	.000	.000	.909	.679	.000	.878	.000	.813	.938

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	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	
Peak Hour Analysis From 12:00 to 18:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	0	198	44	0	242	0	0	0	0	0	36	98	0	0	134	18	0	63	0	81	457
17:00	0	175	36	0	211	0	0	0	0	0	42	95	0	0	137	17	0	71	0	88	436
17:15	0	215	46	0	261	0	0	0	0	0	35	99	0	0	134	30	0	65	0	95	490
17:30	0	177	55	0	232	0	0	0	0	0	22	87	0	0	109	19	0	76	0	95	436
Total Volume	0	765	181	0	946	0	0	0	0	0	135	379	0	0	514	84	0	275	0	359	1819
% App. Total	0	80.9	19.1	0		0	0	0	0		26.3	73.7	0	0		23.4	0	76.6	0		
PHF	.000	.890	.823	.000	.906	.000	.000	.000	.000	.000	.804	.957	.000	.000	.938	.700	.000	.905	.000	.945	.928

