

Alliant Engineering Inc Minneapolis, MN 55415

TH-3 at McAndrews Rd / CSAH-38
Ref.Pt.: 035.075
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 22_TH 3 at McAndrews Rd_022510
Site Code : 00000022
Start Date : 2/25/2010
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Robert Trail S (TH 3) Southbound				Robert Trail S (TH 3) Northbound				McAndrews Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	1	7	4	0	47	79	0	0	4	0	3	0	145
06:15	0	30	5	0	45	108	0	0	3	0	6	0	197
06:30	0	34	5	0	51	146	0	0	20	0	14	0	270
06:45	0	62	9	0	65	216	0	0	21	0	23	0	396
Total	1	133	23	0	208	549	0	0	48	0	46	0	1008
07:00	0	65	10	0	83	226	0	0	33	0	36	0	453
07:15	0	80	11	0	68	251	0	0	30	0	29	0	469
07:30	0	62	15	0	78	207	0	0	35	0	35	0	432
07:45	0	74	20	1	65	221	0	0	30	0	20	0	431
Total	0	281	56	1	294	905	0	0	128	0	120	0	1785
08:00	1	54	11	0	56	146	0	0	37	0	23	0	328
08:15	0	40	9	0	52	144	0	0	22	0	25	0	292
08:30	0	30	8	0	30	126	0	0	12	0	7	0	213
08:45	0	37	10	0	30	95	0	0	11	0	8	0	191
Total	1	161	38	0	168	511	0	0	82	0	63	0	1024
09:00	0	51	9	0	37	112	0	0	13	0	12	0	234
09:15	0	60	19	0	29	67	0	0	10	0	4	0	189
*** BREAK ***													
Total	0	111	28	0	66	179	0	0	23	0	16	0	423
*** BREAK ***													
10:30	0	40	7	0	24	52	0	2	6	1	10	0	142
10:45	1	26	5	0	18	53	0	0	13	0	19	0	135
Total	1	66	12	0	42	105	0	2	19	1	29	0	277
11:00	0	24	6	0	15	62	0	0	9	0	10	0	126
11:15	0	53	9	0	21	54	0	0	3	0	4	0	144
11:30	0	38	2	0	24	52	0	0	12	0	9	0	137
11:45	1	39	6	0	19	39	0	1	13	0	21	0	139
Total	1	154	23	0	79	207	0	1	37	0	44	0	546
12:00	0	31	6	0	24	67	0	0	4	0	4	0	136
12:15	0	54	15	0	26	49	0	0	6	0	14	0	164
12:30	0	63	14	0	11	52	0	0	12	0	18	0	170
12:45	0	87	16	0	21	52	0	0	15	1	23	0	215
Total	0	235	51	0	82	220	0	0	37	1	59	0	685
13:00	0	48	7	0	27	58	0	0	12	1	20	0	173
13:15	1	49	13	0	21	57	0	0	7	0	17	0	165
*** BREAK ***													
Total	1	97	20	0	48	115	0	0	19	1	37	0	338
*** BREAK ***													
14:30	0	76	13	0	40	88	0	0	15	0	25	0	257
14:45	0	113	21	0	20	47	0	0	16	0	19	0	236
Total	0	189	34	0	60	135	0	0	31	0	44	0	493
15:00	0	88	19	0	20	75	0	0	20	0	34	0	256
15:15	0	71	20	0	31	56	0	0	5	0	23	0	206
15:30	0	61	23	4	37	78	0	0	16	0	34	0	253
15:45	0	115	20	1	31	66	0	0	14	0	43	0	290
Total	0	335	82	5	119	275	0	0	55	0	134	0	1005

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Groups Printed- Unshifted - Bank 1

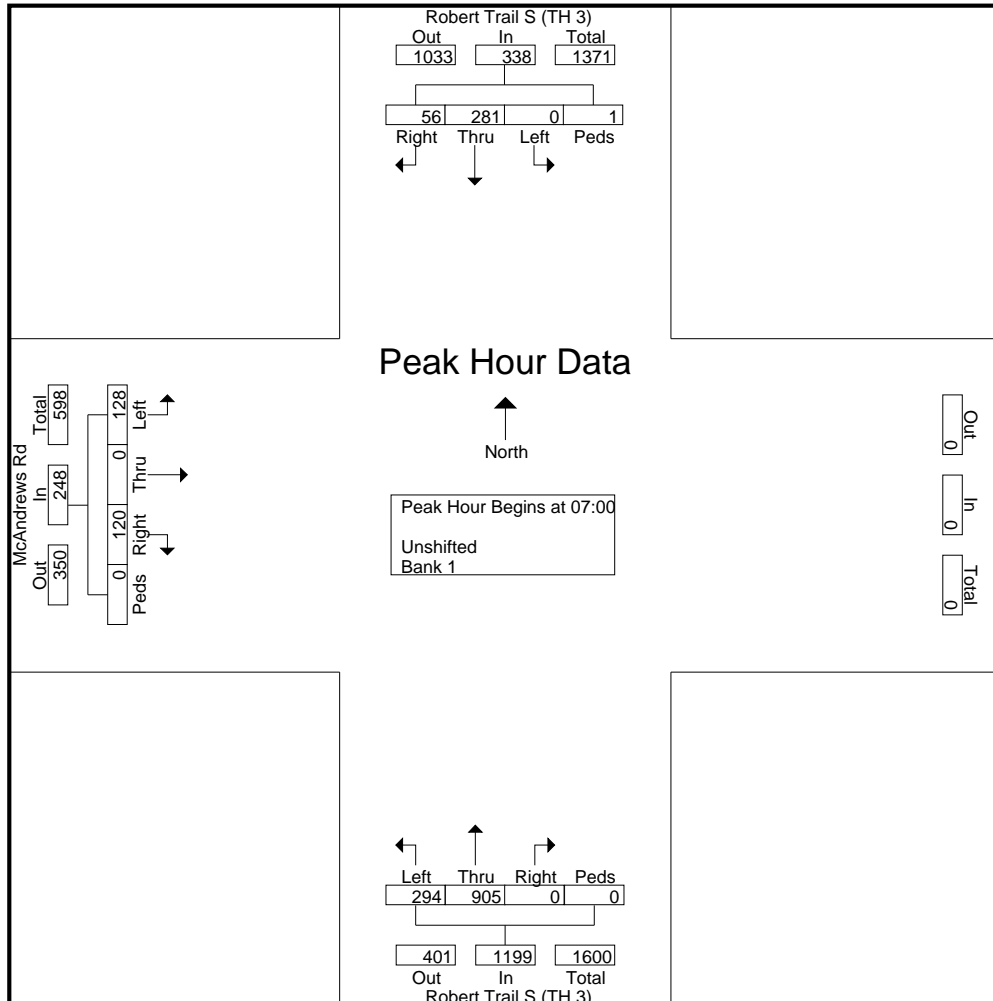
Start Time	Robert Trail S (TH 3) Southbound				Robert Trail S (TH 3) Northbound				McAndrews Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	0	165	31	0	33	76	0	0	20	0	41	0	366
16:15	0	189	42	0	27	66	0	0	12	0	56	0	392
16:30	0	221	33	0	31	84	0	0	14	0	52	0	435
16:45	0	220	48	0	31	74	0	0	25	0	66	0	464
Total	0	795	154	0	122	300	0	0	71	0	215	0	1657
17:00	0	112	39	0	45	101	0	0	23	0	55	0	375
17:15	0	230	40	0	30	79	0	0	22	0	67	0	468
17:30	0	194	34	0	24	66	0	0	32	0	55	0	405
17:45	0	128	56	0	31	61	0	0	18	0	51	0	345
Total	0	664	169	0	130	307	0	0	95	0	228	0	1593
Grand Total	5	3221	690	6	1418	3808	0	3	645	3	1035	0	10834
Apprch %	0.1	82.1	17.6	0.2	27.1	72.8	0	0.1	38.3	0.2	61.5	0	
Total %	0	29.7	6.4	0.1	13.1	35.1	0	0	6	0	9.6	0	
Unshifted	5	3093	669	6	1390	3667	0	3	631	2	1009	0	10475
% Unshifted	100	96	97	100	98	96.3	0	100	97.8	66.7	97.5	0	96.7
Bank 1	0	128	21	0	28	141	0	0	14	1	26	0	359
% Bank 1	0	4	3	0	2	3.7	0	0	2.2	33.3	2.5	0	3.3

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Start Time	Robert Trail S (TH 3) Southbound					Robert Trail S (TH 3) Northbound					McAndrews Rd Eastbound					Int. 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 to 09:15 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:00																
07:00	0	65	10	0	75	83	226	0	0	309	33	0	36	0	69	453
07:15	0	80	11	0	91	68	251	0	0	319	30	0	29	0	59	469
07:30	0	62	15	0	77	78	207	0	0	285	35	0	35	0	70	432
07:45	0	74	20	1	95	65	221	0	0	286	30	0	20	0	50	431
Total Volume	0	281	56	1	338	294	905	0	0	1199	128	0	120	0	248	1785
% App. Total	0	83.1	16.6	0.3		24.5	75.5	0	0		51.6	0	48.4	0		
PHF	.000	.878	.700	.250	.889	.886	.901	.000	.000	.940	.914	.000	.833	.000	.886	.951



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Start Time	Robert Trail S (TH 3) Southbound					Robert Trail S (TH 3) Northbound					McAndrews Rd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 16:30																
16:30	0	221	33	0	254	31	84	0	0	115	14	0	52	0	66	435
16:45	0	220	48	0	268	31	74	0	0	105	25	0	66	0	91	464
17:00	0	112	39	0	151	45	101	0	0	146	23	0	55	0	78	375
17:15	0	230	40	0	270	30	79	0	0	109	22	0	67	0	89	468
Total Volume	0	783	160	0	943	137	338	0	0	475	84	0	240	0	324	1742
% App. Total	0	83	17	0		28.8	71.2	0	0		25.9	0	74.1	0		
PHF	.000	.851	.833	.000	.873	.761	.837	.000	.000	.813	.840	.000	.896	.000	.890	.931

