

Alliant Inc

CSAH 10 and Helmo Ave
 Ref Pt. 057+00.365
 Alliant Engineering
 TURN MOVEMENT COUNT

File Name : 406_CSAH 10 & Helmo Ave
 Site Code : 00000000
 Start Date : 5/24/2016
 Page No : 1

Groups Printed- Cars

Start Time	Helmo Ave Southbound				CSAH 10 Westbound				Helmo Ave Northbound				CSAH 10 Eastbound				Int. Total
	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	
06:00	0	4	3	44	0	0	29	6	0	7	2	0	0	13	25	13	146
06:15	0	9	8	38	0	0	39	9	0	12	3	0	0	19	41	17	195
06:30	0	7	12	55	0	0	60	4	0	15	1	0	0	18	49	14	235
06:45	0	9	15	42	0	3	87	17	0	14	6	2	0	24	57	36	312
Total	0	29	38	179	0	3	215	36	0	48	12	2	0	74	172	80	888
07:00	0	8	13	66	0	2	119	9	0	26	11	3	0	25	73	31	386
07:15	0	16	14	47	0	3	152	29	0	30	5	3	0	31	124	43	497
07:30	0	13	11	43	0	2	149	16	0	23	5	2	0	42	109	49	464
07:45	0	22	17	45	0	5	108	15	0	20	4	0	0	42	110	68	456
Total	0	59	55	201	0	12	528	69	0	99	25	8	0	140	416	191	1803
08:00	0	8	11	39	0	1	95	18	0	31	11	0	0	44	68	70	396
08:15	0	14	16	50	0	1	70	15	0	14	7	2	0	44	82	47	362
08:30	0	19	13	48	0	1	57	11	0	25	9	1	0	51	90	46	371
08:45	0	13	12	40	0	1	54	8	0	22	6	6	0	50	82	45	339
Total	0	54	52	177	0	4	276	52	0	92	33	9	0	189	322	208	1468
09:00	0	16	7	51	0	1	111	13	0	28	5	5	0	43	88	32	400
09:15	0	15	11	44	0	0	57	12	0	24	9	2	0	42	69	36	321
09:30	0	6	5	35	0	0	54	8	0	29	6	2	0	47	77	23	292
09:45	0	7	10	27	0	3	46	7	0	15	7	3	0	35	82	24	266
Total	0	44	33	157	0	4	268	40	0	96	27	12	0	167	316	115	1279
10:00	0	13	11	34	0	2	53	9	0	17	8	5	0	41	73	20	286
10:15	0	8	6	31	0	0	59	20	0	24	4	3	0	29	72	19	275
10:30	0	12	5	42	0	0	51	13	0	7	8	4	0	39	70	16	267
10:45	0	6	11	35	0	2	43	12	0	24	7	1	0	44	76	21	282
Total	0	39	33	142	0	4	206	54	0	72	27	13	0	153	291	76	1110
11:00	0	11	15	32	0	0	55	7	0	23	12	3	0	39	71	26	294
11:15	0	5	12	43	0	2	67	9	0	28	14	8	0	39	106	20	353
11:30	0	7	15	33	0	2	76	14	0	26	10	1	0	43	83	16	326
11:45	0	10	12	37	0	0	78	6	0	37	10	2	0	36	83	17	328
Total	0	33	54	145	0	4	276	36	0	114	46	14	0	157	343	79	1301
12:00	0	14	12	34	0	0	80	6	0	37	15	2	0	33	75	26	334
12:15	0	15	17	30	0	0	64	13	0	33	13	4	0	40	98	19	346
12:30	0	10	8	38	0	4	95	8	0	27	12	6	0	58	72	30	368
12:45	0	7	11	38	0	2	76	16	0	21	10	2	0	50	86	35	354
Total	0	46	48	140	0	6	315	43	0	118	50	14	0	181	331	110	1402
13:00	0	11	15	31	0	1	67	7	0	24	13	6	0	48	82	23	328
13:15	0	7	11	29	0	0	63	12	0	23	4	0	0	45	81	36	311
13:30	0	18	6	37	0	0	61	19	0	26	15	0	0	62	80	27	351
13:45	0	16	16	33	0	4	85	16	0	19	9	2	0	75	79	19	373
Total	0	52	48	130	0	5	276	54	0	92	41	8	0	230	322	105	1363
14:00	0	8	16	43	0	0	78	9	0	5	10	0	0	50	95	13	327
14:15	0	17	6	53	0	0	122	25	0	23	9	3	0	61	100	28	447
14:30	0	10	8	35	0	1	71	12	0	27	14	2	0	59	73	24	336
14:45	0	7	6	48	0	0	89	11	0	25	20	2	0	55	117	30	410
Total	0	42	36	179	0	1	360	57	0	80	53	7	0	225	385	95	1520
15:00	0	16	12	46	0	1	118	10	0	44	19	4	0	68	80	26	444
15:15	0	13	12	44	0	0	108	21	0	26	13	3	0	72	116	40	468
15:30	0	14	16	42	0	1	85	13	0	42	30	6	0	66	153	25	493
15:45	0	14	13	53	0	0	132	13	0	55	26	2	0	65	151	40	564
Total	0	57	53	185	0	2	443	57	0	167	88	15	0	271	500	131	1969
16:00	0	20	6	31	0	5	108	16	0	62	20	3	0	76	161	27	535

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 Page No : 2

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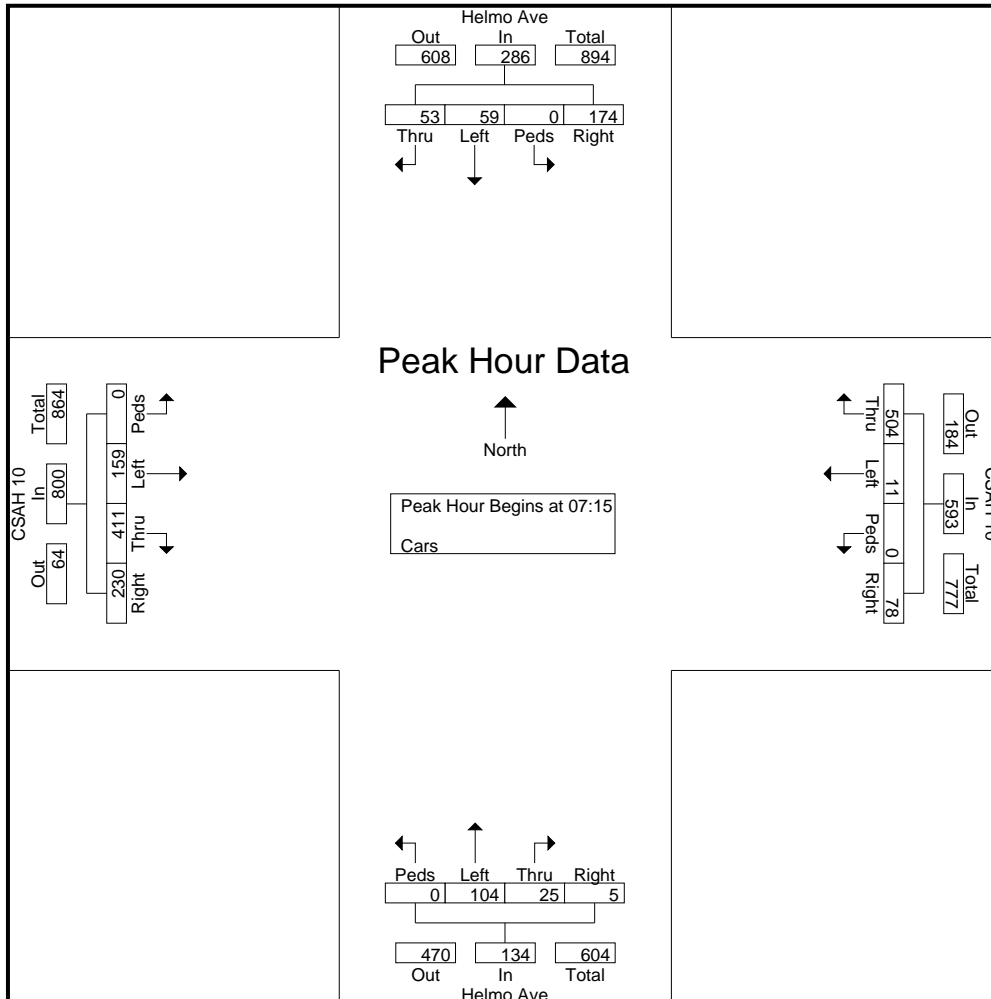
Start Time	Helmo Ave Southbound				CSAH 10 Westbound				Helmo Ave Northbound				CSAH 10 Eastbound				Int. Total
	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	
16:15	0	16	13	51	0	6	101	6	0	45	20	4	0	69	178	22	531
16:30	0	22	10	54	0	0	129	15	0	61	26	7	0	72	156	23	575
16:45	0	17	13	47	0	0	121	22	0	45	30	3	0	60	161	24	543
Total	0	75	42	183	0	11	459	59	0	213	96	17	0	277	656	96	2184
17:00	0	19	13	48	0	0	111	10	0	69	32	10	0	70	139	23	544
17:15	0	24	12	50	0	4	107	17	0	52	33	3	0	71	170	29	572
17:30	0	17	12	47	0	0	97	7	0	40	14	5	0	60	178	22	499
17:45	0	12	9	35	0	2	97	6	0	23	18	2	0	70	181	20	475
Total	0	72	46	180	0	6	412	40	0	184	97	20	0	271	668	94	2090
18:00	0	20	11	34	0	0	75	16	0	34	23	3	0	59	118	23	416
18:15	0	9	9	44	0	1	89	11	0	43	16	5	0	65	112	32	436
18:30	0	19	12	38	0	0	69	7	0	25	8	4	0	57	109	23	371
18:45	0	15	9	34	0	1	53	10	0	8	7	2	0	54	74	15	282
Total	0	63	41	150	0	2	286	44	0	110	54	14	0	235	413	93	1505
Grand Total	0	665	579	2148	0	64	4320	641	0	1485	649	153	0	2570	5135	1473	19882
Apprch %	0	19.6	17.1	63.3	0	1.3	86	12.8	0	64.9	28.4	6.7	0	28	55.9	16	
Total %	0	3.3	2.9	10.8	0	0.3	21.7	3.2	0	7.5	3.3	0.8	0	12.9	25.8	7.4	

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Start Time	Helmo Ave Southbound					CSAH 10 Westbound					Helmo Ave Northbound					CSAH 10 Eastbound					Int. Total
	Peds	Left	Thru	Right	App. Total	Peds	Left	Thru	Right	App. Total	Peds	Left	Thru	Right	App. Total	Peds	Left	Thru	Right	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	0	16	14	47				152	29	184	0	30	5	3				124			497
07:30	0	13	11	43	67	0	2	149	16	167	0	23	5	2	30	0	42	109	49	200	464
07:45	0	22	17		84	0	5													220	456
08:00	0	8	11	39	58	0	1	95	18	114	0	31	11	0	42	0	44	68	70		
Total Volume	0	59	53	174	286	0	11	504	78	593	0	104	25	5	134	0	159	411	230	800	1813
% App. Total	0	20.6	18.5	60.8		0	1.9	85	13.2		0	77.6	18.7	3.7		0	19.9	51.4	28.8		
PHF	.000	.670	.779	.926	.851	.000	.550	.829	.672	.806	.000	.839	.568	.417	.798	.000	.903	.829	.821	.909	.912



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 Page No : 4

Start Time	Helmo Ave Southbound					CSAH 10 Westbound					Helmo Ave Northbound					CSAH 10 Eastbound					Int. Total
	Peds	Left	Thru	Right	App. Total	Peds	Left	Thru	Right	App. Total	Peds	Left	Thru	Right	App. Total	Peds	Left	Thru	Right	App. Total	
Peak Hour Analysis From 12:00 to 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	0	22	10	54	86	0	0	129		144	0	61	26	7	94	0	72	156	23	251	575
16:45	0	17	13					22		143	0	45	30	3	78	0	60	161	24	245	543
17:00	0	19	13	48	80	0	0	111	10	121	0	69		10	111	0	70	139	23	232	544
17:15	0	24	12	50	86	0	4						33	3	88	0	71	170	29	270	572
Total Volume	0	82	48	199	329	0	4	468	64	536	0	227	121	23	371	0	273	626	99	998	2234
% App. Total	0	24.9	14.6	60.5		0	0.7	87.3	11.9		0	61.2	32.6	6.2		0	27.4	62.7	9.9		
PHF	.000	.854	.923	.921	.956	.000	.250	.907	.727	.931	.000	.822	.917	.575	.836	.000	.948	.921	.853	.924	.971

