

Alliant Engineering, Inc.
733 S Marquette Ave #700, Minneapolis, MN 55402

708 TH 120 and CSAH 14/34th/TH 5 File Name : 708_TH 120 & CSAH 14-34th Street-TH 5 North Junction
 Ref Pt: 005+00.552 Site Code : 1735675
 data by: Alliant Inc Start Date : 4/18/2019
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 120 From North					CSAH 14/34th Street From East					TH 120 From South					CSAH 14/34th Street From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	22	30	0	52	43	1	10	0	54	17	24	0	0	41	0	0	0	0	0	147
06:15 AM	0	37	27	0	64	34	1	14	0	49	25	38	0	0	63	0	0	0	0	0	176
06:30 AM	0	48	62	0	110	28	2	29	0	59	25	44	0	0	69	0	0	0	0	0	238
06:45 AM	1	48	60	0	109	50	0	35	0	85	19	35	1	0	55	0	0	0	0	0	249
Total	1	155	179	0	335	155	4	88	0	247	86	141	1	0	228	0	0	0	0	0	810
07:00 AM	1	47	58	0	106	59	0	29	0	88	19	57	0	0	76	0	0	1	0	1	271
07:15 AM	0	63	60	0	123	61	2	37	0	100	17	63	0	0	80	0	0	0	0	0	303
07:30 AM	0	90	66	0	156	85	1	56	0	142	28	90	0	0	118	0	0	0	0	0	416
07:45 AM	1	84	65	0	150	90	0	74	1	165	37	77	3	0	117	0	0	1	0	1	433
Total	2	284	249	0	535	295	3	196	1	495	101	287	3	0	391	0	0	2	0	2	1423
08:00 AM	1	80	58	0	139	50	0	28	0	78	30	78	0	0	108	1	0	1	0	2	327
08:15 AM	0	65	58	0	123	57	0	35	0	92	20	58	0	0	78	0	0	0	0	0	293
08:30 AM	0	64	55	0	119	52	0	26	0	78	35	94	0	0	129	0	0	0	0	0	326
08:45 AM	0	67	48	0	115	45	0	22	0	67	31	82	0	0	113	0	0	0	0	0	295
Total	1	276	219	0	496	204	0	111	0	315	116	312	0	0	428	1	0	1	0	2	1241
09:00 AM	0	63	40	0	103	31	0	22	1	54	17	65	0	0	82	0	1	0	0	1	240
09:15 AM	0	55	25	0	80	37	0	18	0	55	23	53	0	0	76	0	0	0	0	0	211
*** BREAK ***																					
Total	0	118	65	0	183	68	0	40	1	109	40	118	0	0	158	0	1	0	0	1	451
*** BREAK ***																					
10:30 AM	0	45	34	0	79	27	0	19	0	46	20	55	0	0	75	0	0	0	0	0	200
10:45 AM	0	73	34	0	107	39	0	21	0	60	17	63	0	0	80	0	0	0	0	0	247
Total	0	118	68	0	186	66	0	40	0	106	37	118	0	0	155	0	0	0	0	0	447
11:00 AM	0	50	43	0	93	33	0	26	0	59	18	47	0	0	65	0	0	0	0	0	217
11:15 AM	0	55	38	0	93	45	0	31	0	76	21	59	0	0	80	0	1	0	0	1	250
11:30 AM	1	39	33	0	73	42	1	24	0	67	20	70	0	0	90	0	0	0	0	0	230
11:45 AM	0	57	44	0	101	52	0	17	0	69	33	64	0	0	97	0	0	2	0	2	269
Total	1	201	158	0	360	172	1	98	0	271	92	240	0	0	332	0	1	2	0	3	966
12:00 PM	0	46	56	0	102	56	0	24	0	80	29	51	0	0	80	0	1	2	0	3	265
12:15 PM	1	65	42	0	108	41	0	22	0	63	23	49	0	0	72	0	0	0	0	0	243
12:30 PM	1	55	44	0	100	49	0	28	0	77	27	70	1	0	98	0	0	1	0	1	276
12:45 PM	0	57	39	0	96	53	0	32	0	85	31	59	0	1	91	0	0	3	0	3	275
Total	2	223	181	0	406	199	0	106	0	305	110	229	1	1	341	0	1	6	0	7	1059
01:00 PM	1	55	45	0	101	34	0	20	0	54	33	62	0	0	95	1	0	0	0	1	251
01:15 PM	0	69	35	0	104	39	0	28	0	67	26	66	0	0	92	0	0	0	0	0	263
*** BREAK ***																					
Total	1	124	80	0	205	73	0	48	0	121	59	128	0	0	187	1	0	0	0	1	514
*** BREAK ***																					
02:30 PM	0	72	56	0	128	56	1	33	0	90	25	70	0	0	95	0	0	0	0	0	313
02:45 PM	0	89	66	0	155	58	0	39	0	97	34	79	0	0	113	0	0	0	0	0	365
Total	0	161	122	0	283	114	1	72	0	187	59	149	0	0	208	0	0	0	0	0	678
03:00 PM	0	97	76	0	173	68	0	38	0	106	34	84	0	0	118	0	0	1	0	1	398
03:15 PM	0	96	81	0	177	60	0	36	0	96	40	93	0	0	133	0	0	0	0	0	406
03:30 PM	1	99	69	0	169	63	0	60	0	123	45	96	0	0	141	0	1	0	0	1	434
03:45 PM	1	76	71	0	148	73	0	51	0	124	39	81	0	0	120	0	0	0	0	0	392
Total	2	368	297	0	667	264	0	185	0	449	158	354	0	0	512	0	1	1	0	2	1630

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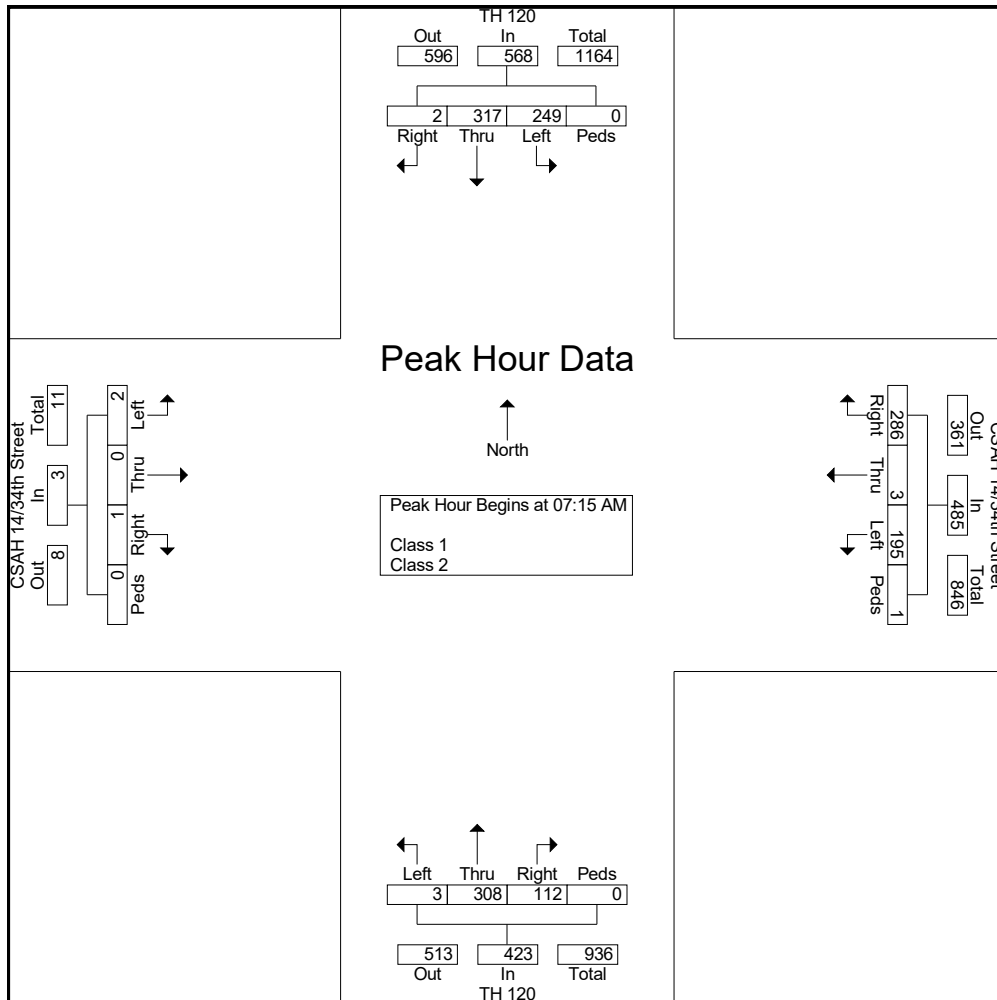
Groups Printed- Class 1 - Class 2

Start Time	TH 120 From North					CSAH 14/34th Street From East					TH 120 From South					CSAH 14/34th Street From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	0	107	92	1	200	79	0	30	0	109	38	96	0	0	134	0	0	1	2	3	446
04:15 PM	1	104	85	0	190	80	0	41	0	121	47	117	0	0	164	0	0	1	0	1	476
04:30 PM	0	92	90	0	182	68	0	41	0	109	45	103	0	0	148	0	0	0	0	0	439
04:45 PM	0	98	86	0	184	82	0	36	0	118	52	94	0	0	146	0	0	0	0	0	448
Total	1	401	353	1	756	309	0	148	0	457	182	410	0	0	592	0	0	2	2	4	1809
05:00 PM	1	95	82	0	178	87	0	38	0	125	32	113	0	0	145	0	0	1	0	1	449
05:15 PM	0	101	69	0	170	67	0	31	0	98	35	116	0	0	151	0	0	0	0	0	419
05:30 PM	0	106	75	0	181	66	0	37	0	103	40	101	0	0	141	0	0	0	0	0	425
05:45 PM	0	102	72	0	174	70	1	39	0	110	43	89	0	0	132	0	0	0	0	0	416
Total	1	404	298	0	703	290	1	145	0	436	150	419	0	0	569	0	0	1	0	1	1709
Grand Total	12	2833	2269	1	5115	2209	10	1277	2	3498	1190	2905	5	1	4101	2	4	15	2	23	12737
Apprch %	0.2	55.4	44.4	0		63.2	0.3	36.5	0.1		29	70.8	0.1	0		8.7	17.4	65.2	8.7		
Total %	0.1	22.2	17.8	0	40.2	17.3	0.1	10	0	27.5	9.3	22.8	0	0	32.2	0	0	0.1	0	0.2	
Class 1	12	2751	2222	1	4986	2163	7	1254	2	3426	1170	2841	5	0	4016	2	1	15	1	19	12447
% Class 1	100	97.1	97.9	100	97.5	97.9	70	98.2	100	97.9	98.3	97.8	100	0	97.9	100	25	100	50	82.6	97.7
Class 2	0	82	47	0	129	46	3	23	0	72	20	64	0	1	85	0	3	0	1	4	290
% Class 2	0	2.9	2.1	0	2.5	2.1	30	1.8	0	2.1	1.7	2.2	0	100	2.1	0	75	0	50	17.4	2.3

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Start Time	TH 120 From North					CSAH 14/34th Street From East					TH 120 From South					CSAH 14/34th Street From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	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	0	63	60	0	123	61	2	37	0	100	17	63	0	0	80	0	0	0	0	0	303
07:30 AM	0	90	66	0	156	85	1	56	0	142	28	90	0	0	118	0	0	0	0	0	416
07:45 AM	1	84	65	0	150	90	0	74	1	165	37	77	3	0	117	0	0	1	0	1	433
08:00 AM	1	80	58	0	139	50	0	28	0	78	30	78	0	0	108	1	0	1	0	2	327
Total Volume	2	317	249	0	568	286	3	195	1	485	112	308	3	0	423	1	0	2	0	3	1479
% App. Total	0.4	55.8	43.8	0		59	0.6	40.2	0.2		26.5	72.8	0.7	0		33.3	0	66.7	0		
PHF	.500	.881	.943	.000	.910	.794	.375	.659	.250	.735	.757	.856	.250	.000	.896	.250	.000	.500	.000	.375	.854



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Start Time	TH 120 From North					CSAH 14/34th Street From East					TH 120 From South					CSAH 14/34th Street From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
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	1	104	85	0	190	80	0	41	0	121	47	117	0	0	164	0	0	1	0	1	476
04:30 PM	0	92	90	0	182	68	0	41	0	109	45	103	0	0	148	0	0	0	0	0	439
04:45 PM	0	98	86	0	184	82	0	36	0	118	52	94	0	0	146	0	0	0	0	0	448
05:00 PM	1	95	82	0	178	87	0	38	0	125	32	113	0	0	145	0	0	1	0	1	449
Total Volume	2	389	343	0	734	317	0	156	0	473	176	427	0	0	603	0	0	2	0	2	1812
% App. Total	0.3	53	46.7	0		67	0	33	0		29.2	70.8	0	0		0	0	100	0		
PHF	.500	.935	.953	.000	.966	.911	.000	.951	.000	.946	.846	.912	.000	.000	.919	.000	.000	.500	.000	.500	.952

