

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

701 TH 120 & Innovation/3M/Century
Ref Pt: 002+00.453
data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 701_TH 120 & Innovation-3M-Century Service
Site Code : 1735668
Start Date : 4/18/2019
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 120 From North					Century Service Road From East					TH 120 From South					Innovation/3M Road 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	8	72	0	0	80	2	0	1	0	3	0	61	37	0	98	4	0	2	0	6	187
06:15 AM	18	98	0	0	116	2	1	0	0	3	0	74	48	0	122	0	0	0	0	0	241
06:30 AM	14	108	0	0	122	1	0	1	0	2	3	95	87	0	185	3	0	1	0	4	313
06:45 AM	30	98	3	0	131	2	1	2	0	5	1	131	105	0	237	11	0	2	0	13	386
Total	70	376	3	0	449	7	2	4	0	13	4	361	277	0	642	18	0	5	0	23	1127
07:00 AM	12	102	0	0	114	1	0	1	0	2	5	152	87	0	244	5	0	1	0	6	366
07:15 AM	18	111	2	0	131	2	2	2	2	8	1	199	114	0	314	7	0	2	0	9	462
07:30 AM	28	120	1	0	149	0	2	4	0	6	2	221	117	0	340	6	0	2	0	8	503
07:45 AM	32	140	3	0	175	1	3	5	0	9	5	289	173	0	467	13	0	1	0	14	665
Total	90	473	6	0	569	4	7	12	2	25	13	861	491	0	1365	31	0	6	0	37	1996
08:00 AM	15	150	0	1	166	1	4	4	1	10	3	211	142	0	356	15	0	0	0	15	547
08:15 AM	11	142	2	0	155	0	2	9	0	11	2	175	118	0	295	8	0	3	0	11	472
08:30 AM	11	111	1	0	123	1	0	6	0	7	4	140	104	0	248	12	1	4	0	17	395
08:45 AM	13	116	3	0	132	2	0	8	0	10	5	144	104	0	253	14	1	4	0	19	414
Total	50	519	6	1	576	4	6	27	1	38	14	670	468	0	1152	49	2	11	0	62	1828
09:00 AM	12	117	2	0	131	2	0	9	0	11	1	98	59	0	158	15	0	3	0	18	318
09:15 AM	3	106	2	0	111	1	1	4	0	6	2	88	48	0	138	34	0	4	0	38	293
*** BREAK ***																					
Total	15	223	4	0	242	3	1	13	0	17	3	186	107	0	296	49	0	7	0	56	611
*** BREAK ***																					
10:30 AM	4	82	0	1	87	1	0	8	0	9	7	80	28	0	115	21	0	2	0	23	234
10:45 AM	3	112	2	2	119	1	0	4	1	6	3	90	29	2	124	39	0	5	1	45	294
Total	7	194	2	3	206	2	0	12	1	15	10	170	57	2	239	60	0	7	1	68	528
11:00 AM	0	152	2	1	155	8	1	6	2	17	2	69	27	0	98	66	1	13	0	80	350
11:15 AM	6	145	1	0	152	7	1	5	0	13	2	86	17	0	105	78	1	23	3	105	375
11:30 AM	10	136	0	0	146	1	0	7	1	9	4	101	33	0	138	83	0	25	0	108	401
11:45 AM	9	117	5	0	131	2	0	4	1	7	2	107	35	1	145	75	0	17	0	92	375
Total	25	550	8	1	584	18	2	22	4	46	10	363	112	1	486	302	2	78	3	385	1501
12:00 PM	13	129	1	1	144	1	1	3	2	7	2	109	41	0	152	56	0	19	0	75	378
12:15 PM	16	115	3	0	134	4	2	2	0	8	2	123	51	0	176	54	0	11	0	65	383
12:30 PM	16	106	2	0	124	5	2	6	0	13	6	110	63	0	179	44	0	8	0	52	368
12:45 PM	18	112	3	0	133	2	0	6	1	9	4	118	59	0	181	31	1	19	0	51	374
Total	63	462	9	1	535	12	5	17	3	37	14	460	214	0	688	185	1	57	0	243	1503
01:00 PM	12	125	3	0	140	2	0	2	0	4	3	115	51	0	169	34	1	7	0	42	355
01:15 PM	9	102	1	0	112	2	1	6	0	9	3	101	36	0	140	34	0	5	0	39	300
*** BREAK ***																					
Total	21	227	4	0	252	4	1	8	0	13	6	216	87	0	309	68	1	12	0	81	655
*** BREAK ***																					
02:30 PM	2	136	2	0	140	0	0	7	0	7	3	113	33	0	149	60	1	15	0	76	372
02:45 PM	3	177	1	0	181	2	1	3	0	6	1	141	32	0	174	66	1	15	0	82	443
Total	5	313	3	0	321	2	1	10	0	13	4	254	65	0	323	126	2	30	0	158	815
03:00 PM	5	214	3	0	222	7	1	3	0	11	4	124	36	0	164	145	1	16	0	162	559
03:15 PM	1	191	1	0	193	1	1	9	0	11	4	161	28	0	193	131	1	17	0	149	546
03:30 PM	4	240	2	0	246	1	0	2	0	3	3	135	45	1	184	171	1	15	0	187	620
03:45 PM	3	218	1	0	222	1	0	5	0	6	2	164	32	0	198	190	0	15	0	205	631
Total	13	863	7	0	883	10	2	19	0	31	13	584	141	1	739	637	3	63	0	703	2356

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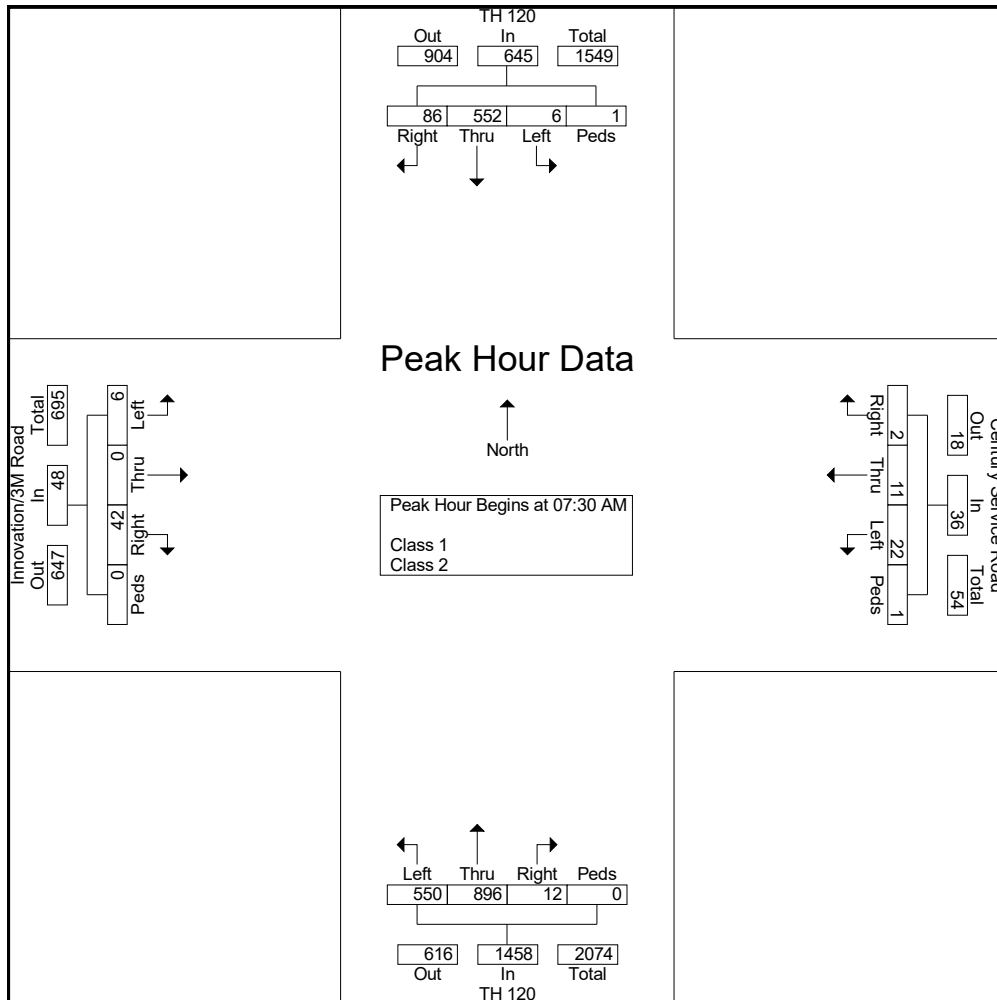
Start Time	TH 120 From North					Century Service Road From East					TH 120 From South					Innovation/3M Road From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	2	266	2	0	270	1	0	5	0	6	7	167	39	0	213	227	1	45	0	273	762
04:15 PM	3	262	1	0	266	2	0	1	0	3	5	169	38	0	212	244	0	45	0	289	770
04:30 PM	2	308	2	0	312	0	0	2	0	2	3	168	31	0	202	265	0	42	0	307	823
04:45 PM	2	282	0	0	284	2	0	5	2	9	4	170	30	2	206	234	11	32	0	277	776
Total	9	1118	5	0	1132	5	0	13	2	20	19	674	138	2	833	970	12	164	0	1146	3131
05:00 PM	1	281	0	0	282	0	1	6	0	7	0	182	27	0	209	260	0	20	0	280	778
05:15 PM	0	266	1	0	267	1	0	6	0	7	2	190	34	1	227	175	0	34	0	209	710
05:30 PM	3	208	1	0	212	1	0	6	0	7	3	164	32	0	199	158	0	22	0	180	598
05:45 PM	1	171	3	0	175	0	0	7	0	7	6	175	32	0	213	85	0	10	7	102	497
Total	5	926	5	0	936	2	1	25	0	28	11	711	125	1	848	678	0	86	7	771	2583
Grand Total	373	6244	62	6	6685	73	28	182	13	296	121	5510	2282	7	7920	3173	23	526	11	3733	18634
Apprch %	5.6	93.4	0.9	0.1		24.7	9.5	61.5	4.4		1.5	69.6	28.8	0.1		85	0.6	14.1	0.3		
Total %	2	33.5	0.3	0	35.9	0.4	0.2	1	0.1	1.6	0.6	29.6	12.2	0	42.5	17	0.1	2.8	0.1	20	
Class 1	368	6079	58	5	6510	71	28	167	7	273	119	5372	2251	5	7747	3148	23	524	10	3705	18235
% Class 1	98.7	97.4	93.5	83.3	97.4	97.3	100	91.8	53.8	92.2	98.3	97.5	98.6	71.4	97.8	99.2	100	99.6	90.9	99.2	97.9
Class 2	5	165	4	1	175	2	0	15	6	23	2	138	31	2	173	25	0	2	1	28	399
% Class 2	1.3	2.6	6.5	16.7	2.6	2.7	0	8.2	46.2	7.8	1.7	2.5	1.4	28.6	2.2	0.8	0	0.4	9.1	0.8	2.1

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	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 07:30 AM																					
07:30 AM	28	120	1	0	149	0	2	4	0	6	2	221	117	0	340	6	0	2	0	8	503
07:45 AM	32	140	3	0	175	1	3	5	0	9	5	289	173	0	467	13	0	1	0	14	665
08:00 AM	15	150	0	1	166	1	4	4	1	10	3	211	142	0	356	15	0	0	0	15	547
08:15 AM	11	142	2	0	155	0	2	9	0	11	2	175	118	0	295	8	0	3	0	11	472
Total Volume	86	552	6	1	645	2	11	22	1	36	12	896	550	0	1458	42	0	6	0	48	2187
% App. Total	13.3	85.6	0.9	0.2		5.6	30.6	61.1	2.8		0.8	61.5	37.7	0		87.5	0	12.5	0		
PHF	.672	.920	.500	.250	.921	.500	.688	.611	.250	.818	.600	.775	.795	.000	.781	.700	.000	.500	.000	.800	.822



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	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	3	262	1	0	266	2	0	1	0	3	5	169	38	0	212	244	0	45	0	289	770
04:30 PM	2	308	2	0	312	0	0	2	0	2	3	168	31	0	202	265	0	42	0	307	823
04:45 PM	2	282	0	0	284	2	0	5	2	9	4	170	30	2	206	234	11	32	0	277	776
05:00 PM	1	281	0	0	282	0	1	6	0	7	0	182	27	0	209	260	0	20	0	280	778
Total Volume	8	1133	3	0	1144	4	1	14	2	21	12	689	126	2	829	1003	11	139	0	1153	3147
% App. Total	0.7	99	0.3	0		19	4.8	66.7	9.5		1.4	83.1	15.2	0.2		87	1	12.1	0		
PHF	.667	.920	.375	.000	.917	.500	.250	.583	.250	.583	.600	.946	.829	.250	.978	.946	.250	.772	.000	.939	.956

