

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

TH 120 & Century College  
Ref.Pt: 008+00.728  
data by: Alliant Inc  
TURN MOVEMENT COUNT

File Name : 715\_TH 120 & Century College  
Site Code : 1735678  
Start Date : 4/18/2019  
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 120 From North					Century College Ent From East					TH 120 From South					Century College Ent 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	2	2	0	0	4	0	93	1	0	94	0	2	1	0	3	1	18	2	0	21	122
06:15 AM	2	0	0	0	2	0	76	2	0	78	0	0	0	0	0	3	24	2	0	29	109
06:30 AM	2	0	0	0	2	0	137	0	0	137	0	0	1	0	1	4	28	7	0	39	179
06:45 AM	1	0	0	0	1	1	137	4	0	142	0	0	0	0	0	11	32	8	0	51	194
Total	7	2	0	0	9	1	443	7	0	451	0	2	2	0	4	19	102	19	0	140	604
07:00 AM	4	2	0	0	6	1	122	5	0	128	0	0	1	0	1	10	39	18	1	68	203
07:15 AM	4	0	0	0	4	2	135	15	0	152	0	0	1	3	4	25	61	24	0	110	270
07:30 AM	1	0	0	0	1	0	147	17	0	164	1	0	5	0	6	38	81	51	0	170	341
07:45 AM	2	0	0	0	2	0	109	18	0	127	3	2	12	1	18	60	75	30	0	165	312
Total	11	2	0	0	13	3	513	55	0	571	4	2	19	4	29	133	256	123	1	513	1126
08:00 AM	2	0	0	0	2	1	112	16	0	129	2	1	7	1	11	30	70	36	0	136	278
08:15 AM	6	1	0	0	7	0	100	16	0	116	3	0	4	0	7	29	82	29	1	141	271
08:30 AM	4	1	0	0	5	0	107	8	0	115	5	2	7	0	14	36	68	47	0	151	285
08:45 AM	8	1	1	0	10	0	115	17	0	132	5	5	6	1	17	37	90	53	2	182	341
Total	20	3	1	0	24	1	434	57	0	492	15	8	24	2	49	132	310	165	3	610	1175
09:00 AM	13	2	0	0	15	1	117	12	0	130	2	1	5	0	8	29	82	67	1	179	332
09:15 AM	10	2	1	0	13	2	109	14	0	125	0	2	2	1	5	40	77	109	2	228	371
*** BREAK ***																					
Total	23	4	1	0	28	3	226	26	0	255	2	3	7	1	13	69	159	176	3	407	703
*** BREAK ***																					
10:30 AM	20	6	3	1	30	3	87	18	0	108	11	8	20	0	39	15	86	73	2	176	353
10:45 AM	69	13	2	0	84	0	95	16	0	111	18	16	42	0	76	40	144	120	2	306	577
Total	89	19	5	1	114	3	182	34	0	219	29	24	62	0	115	55	230	193	4	482	930
11:00 AM	36	2	2	0	40	1	129	13	0	143	6	7	16	0	29	15	90	48	2	155	367
11:15 AM	15	4	0	0	19	1	83	6	0	90	3	2	27	0	32	9	101	25	0	135	276
11:30 AM	18	3	0	0	21	0	95	9	0	104	16	4	29	0	49	22	94	24	0	140	314
11:45 AM	45	4	3	0	52	1	102	18	0	121	15	4	36	0	55	27	116	25	0	168	396
Total	114	13	5	0	132	3	409	46	0	458	40	17	108	0	165	73	401	122	2	598	1353
12:00 PM	66	8	1	0	75	2	85	14	0	101	15	4	34	0	53	16	98	40	2	156	385
12:15 PM	78	7	3	1	89	1	123	27	0	151	10	8	40	0	58	31	105	39	2	177	475
12:30 PM	34	5	1	0	40	0	111	24	0	135	5	8	28	0	41	19	94	60	0	173	389
12:45 PM	44	4	0	0	48	1	100	13	0	114	6	3	29	0	38	15	116	48	1	180	380
Total	222	24	5	1	252	4	419	78	0	501	36	23	131	0	190	81	413	187	5	686	1629
01:00 PM	28	7	1	0	36	1	98	9	0	108	8	2	15	0	25	8	106	34	0	148	317
01:15 PM	29	1	0	1	31	0	85	4	0	89	3	4	12	0	19	13	94	24	0	131	270
*** BREAK ***																					
Total	57	8	1	1	67	1	183	13	0	197	11	6	27	0	44	21	200	58	0	279	587
*** BREAK ***																					
02:30 PM	52	4	3	0	59	0	114	7	0	121	15	1	58	0	74	12	142	18	0	172	426
02:45 PM	42	1	1	0	44	0	93	7	0	100	4	2	27	1	34	9	143	15	3	170	348
Total	94	5	4	0	103	0	207	14	0	221	19	3	85	1	108	21	285	33	3	342	774
03:00 PM	48	1	1	0	50	2	103	6	0	111	8	0	32	0	40	11	140	14	1	166	367
03:15 PM	30	1	0	0	31	0	101	6	0	107	9	5	45	0	59	2	168	20	1	191	388
03:30 PM	80	0	1	0	81	1	120	2	0	123	7	3	39	0	49	8	162	30	3	203	456
03:45 PM	48	0	1	0	49	0	115	2	0	117	10	2	26	0	38	6	184	24	0	214	418
Total	206	2	3	0	211	3	439	16	0	458	34	10	142	0	186	27	654	88	5	774	1629

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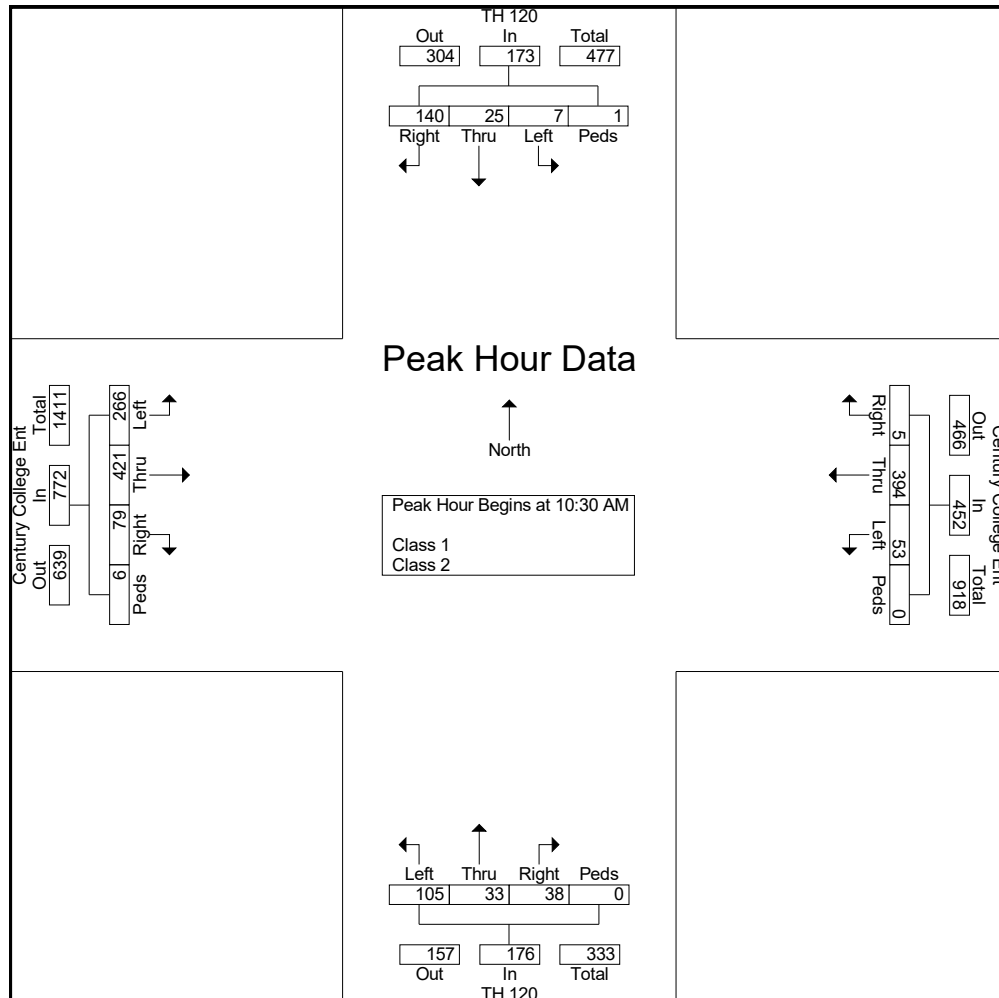
Start Time	TH 120 From North					Century College Ent From East					TH 120 From South					Century College Ent From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	35	4	1	0	40	1	116	2	0	119	10	1	25	0	36	6	171	14	0	191	386
04:15 PM	24	1	1	0	26	0	123	1	0	124	11	2	19	0	32	6	161	7	0	174	356
04:30 PM	23	1	1	0	25	1	96	3	0	100	7	1	24	0	32	7	176	9	0	192	349
04:45 PM	16	2	1	0	19	0	106	8	0	114	7	3	9	0	19	6	179	11	0	196	348
Total	98	8	4	0	110	2	441	14	0	457	35	7	77	0	119	25	687	41	0	753	1439
05:00 PM	18	1	0	0	19	0	98	2	0	100	6	0	8	0	14	11	187	10	0	208	341
05:15 PM	45	4	2	0	51	1	122	9	0	132	11	4	24	0	39	10	185	15	0	210	432
05:30 PM	17	1	2	0	20	1	101	2	0	104	7	0	16	0	23	21	195	20	0	236	383
05:45 PM	16	0	0	0	16	2	84	10	0	96	4	1	11	0	16	29	160	53	0	242	370
Total	96	6	4	0	106	4	405	23	0	432	28	5	59	0	92	71	727	98	0	896	1526
Grand Total	1037	96	33	3	1169	28	4301	383	0	4712	253	110	743	8	1114	727	4424	1303	26	6480	13475
Apprch %	88.7	8.2	2.8	0.3		0.6	91.3	8.1	0		22.7	9.9	66.7	0.7		11.2	68.3	20.1	0.4		
Total %	7.7	0.7	0.2	0	8.7	0.2	31.9	2.8	0	35	1.9	0.8	5.5	0.1	8.3	5.4	32.8	9.7	0.2	48.1	
Class 1	1033	96	32	2	1163	28	4195	377	0	4600	247	108	718	7	1080	702	4315	1300	26	6343	13186
% Class 1	99.6	100	97	66.7	99.5	100	97.5	98.4	0	97.6	97.6	98.2	96.6	87.5	96.9	96.6	97.5	99.8	100	97.9	97.9
Class 2	4	0	1	1	6	0	106	6	0	112	6	2	25	1	34	25	109	3	0	137	289
% Class 2	0.4	0	3	33.3	0.5	0	2.5	1.6	0	2.4	2.4	1.8	3.4	12.5	3.1	3.4	2.5	0.2	0	2.1	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 10:30 AM																					
10:30 AM	20	6	3	1	30	3	87	18	0	108	11	8	20	0	39	15	86	73	2	176	353
10:45 AM	69	13	2	0	84	0	95	16	0	111	18	16	42	0	76	40	144	120	2	306	577
11:00 AM	36	2	2	0	40	1	129	13	0	143	6	7	16	0	29	15	90	48	2	155	367
11:15 AM	15	4	0	0	19	1	83	6	0	90	3	2	27	0	32	9	101	25	0	135	276
Total Volume	140	25	7	1	173	5	394	53	0	452	38	33	105	0	176	79	421	266	6	772	1573
% App. Total	80.9	14.5	4	0.6		1.1	87.2	11.7	0		21.6	18.8	59.7	0		10.2	54.5	34.5	0.8		
PHF	.507	.481	.583	.250	.515	.417	.764	.736	.000	.790	.528	.516	.625	.000	.579	.494	.731	.554	.750	.631	.682



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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 03:15 PM																					
03:15 PM	30	1	0	0	31	0	101	6	0	107	9	5	45	0	59	2	168	20	1	191	388
03:30 PM	80	0	1	0	81	1	120	2	0	123	7	3	39	0	49	8	162	30	3	203	456
03:45 PM	48	0	1	0	49	0	115	2	0	117	10	2	26	0	38	6	184	24	0	214	418
04:00 PM	35	4	1	0	40	1	116	2	0	119	10	1	25	0	36	6	171	14	0	191	386
Total Volume	193	5	3	0	201	2	452	12	0	466	36	11	135	0	182	22	685	88	4	799	1648
% App. Total	96	2.5	1.5	0		0.4	97	2.6	0		19.8	6	74.2	0		2.8	85.7	11	0.5		
PHF	.603	.313	.750	.000	.620	.500	.942	.500	.000	.947	.900	.550	.750	.000	.771	.688	.931	.733	.333	.933	.904

