

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

707 TH 120 & Larpenteur Avenue
Ref Pt: 005+00.214
data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 707_TH 120 & Larpenteur Avenue
Site Code : 1735674
Start Date : 4/18/2019
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 120 From North					From East					TH 120 From South					Larpenteur Ave 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	6	26	0	0	32	0	0	0	0	0	0	29	6	0	35	4	0	12	0	16	83
06:15 AM	9	38	0	0	47	0	0	0	1	1	0	46	13	0	59	7	0	16	0	23	130
06:30 AM	18	57	0	0	75	0	0	0	0	0	0	50	9	0	59	5	0	17	0	22	156
06:45 AM	21	62	0	0	83	0	0	0	0	0	0	38	9	0	47	13	0	14	0	27	157
Total	54	183	0	0	237	0	0	0	1	1	0	163	37	0	200	29	0	59	0	88	526
07:00 AM	24	47	0	0	71	0	0	0	0	0	0	60	13	0	73	7	0	14	0	21	165
07:15 AM	21	70	0	0	91	0	0	0	0	0	0	65	16	0	81	12	0	14	0	26	198
07:30 AM	40	98	0	0	138	0	0	0	0	0	0	92	18	0	110	12	0	26	0	38	286
07:45 AM	41	101	0	0	142	0	0	0	2	2	0	73	28	0	101	14	0	27	0	41	286
Total	126	316	0	0	442	0	0	0	2	2	0	290	75	0	365	45	0	81	0	126	935
08:00 AM	24	86	2	0	112	0	0	0	0	0	0	76	17	0	93	14	0	26	0	40	245
08:15 AM	25	70	0	0	95	0	0	0	0	0	0	64	21	0	85	16	0	19	0	35	215
08:30 AM	17	70	0	0	87	0	0	0	0	0	0	81	23	0	104	11	0	33	1	45	236
08:45 AM	15	73	0	0	88	0	0	0	0	0	0	100	17	0	117	15	0	16	0	31	236
Total	81	299	2	0	382	0	0	0	0	0	0	321	78	0	399	56	0	94	1	151	932
09:00 AM	12	76	0	0	88	0	0	0	0	0	0	67	11	0	78	14	0	18	0	32	198
09:15 AM	6	63	0	0	69	0	0	0	0	0	0	60	10	0	70	9	0	13	0	22	161
*** BREAK ***																					
Total	18	139	0	0	157	0	0	0	0	0	0	127	21	0	148	23	0	31	0	54	359
*** BREAK ***																					
10:30 AM	12	47	0	0	59	0	0	0	0	0	0	57	23	0	80	15	0	9	0	24	163
10:45 AM	15	76	0	0	91	0	0	0	0	0	0	64	15	0	79	11	0	16	0	27	197
Total	27	123	0	0	150	0	0	0	0	0	0	121	38	0	159	26	0	25	0	51	360
11:00 AM	21	56	0	0	77	0	0	0	0	0	0	54	15	0	69	10	0	10	0	20	166
11:15 AM	22	63	0	0	85	0	0	0	0	0	0	56	13	0	69	10	0	22	0	32	186
11:30 AM	17	44	0	0	61	0	0	0	0	0	0	68	18	0	86	17	0	15	0	32	179
11:45 AM	8	56	0	0	64	0	0	0	0	0	0	82	18	0	100	15	0	20	0	35	199
Total	68	219	0	0	287	0	0	0	0	0	0	260	64	0	324	52	0	67	0	119	730
12:00 PM	13	57	0	0	70	0	0	0	0	0	0	55	23	1	79	17	0	19	0	36	185
12:15 PM	15	68	0	0	83	0	0	0	0	0	0	49	18	0	67	9	0	13	0	22	172
12:30 PM	21	55	0	0	76	0	0	0	1	1	0	75	13	0	88	20	0	18	0	38	203
12:45 PM	21	67	0	0	88	0	0	0	0	0	0	72	13	0	85	18	0	19	0	37	210
Total	70	247	0	0	317	0	0	0	1	1	0	251	67	1	319	64	0	69	0	133	770
01:00 PM	18	54	0	0	72	0	0	0	0	0	0	73	9	0	82	15	0	23	1	39	193
01:15 PM	23	70	0	0	93	0	0	0	0	0	0	68	13	0	81	13	0	23	0	36	210
*** BREAK ***																					
Total	41	124	0	0	165	0	0	0	0	0	0	141	22	0	163	28	0	46	1	75	403
*** BREAK ***																					
02:30 PM	27	72	0	0	99	0	0	0	0	0	0	70	23	0	93	17	0	28	0	45	237
02:45 PM	34	100	0	0	134	0	0	0	0	0	0	78	12	0	90	21	0	28	0	49	273
Total	61	172	0	0	233	0	0	0	0	0	0	148	35	0	183	38	0	56	0	94	510
03:00 PM	22	102	0	0	124	0	0	0	0	0	0	82	23	0	105	26	0	28	0	54	283
03:15 PM	37	90	0	0	127	0	0	0	0	0	0	94	25	0	119	43	0	34	0	77	323
03:30 PM	53	103	0	0	156	0	0	0	0	0	0	97	36	0	133	25	0	32	0	57	346
03:45 PM	38	79	0	0	117	0	0	0	0	0	0	97	39	0	136	27	0	33	0	60	313
Total	150	374	0	0	524	0	0	0	0	0	0	370	123	0	493	121	0	127	0	248	1265

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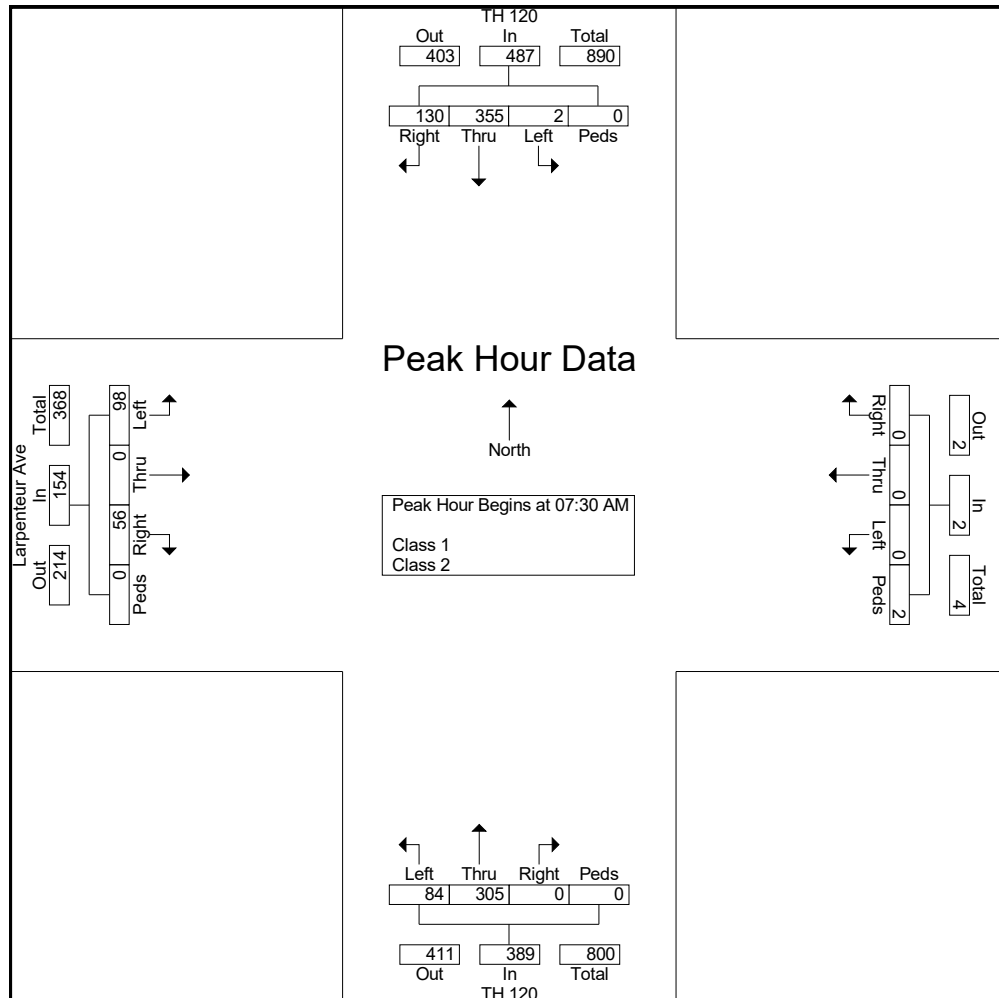
Start Time	TH 120 From North					From East					TH 120 From South					Larpenteur Ave From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	21	114	0	0	135	0	0	0	0	0	0	108	24	0	132	22	0	33	1	56	323
04:15 PM	25	112	0	0	137	0	0	0	0	0	0	116	32	0	148	28	0	43	0	71	356
04:30 PM	34	100	0	0	134	0	0	0	0	0	0	109	27	0	136	38	0	34	0	72	342
04:45 PM	29	105	0	0	134	0	0	0	0	0	0	104	31	0	135	22	0	45	1	68	337
Total	109	431	0	0	540	0	0	0	0	0	0	437	114	0	551	110	0	155	2	267	1358
05:00 PM	25	97	0	0	122	0	0	0	0	0	0	122	45	0	167	34	0	29	0	63	352
05:15 PM	23	112	0	0	135	0	0	0	0	0	0	118	30	0	148	33	0	22	0	55	338
05:30 PM	29	116	0	0	145	0	0	0	0	0	0	100	32	0	132	27	0	34	0	61	338
05:45 PM	31	97	0	0	128	0	0	0	0	0	0	103	28	0	131	31	0	35	0	66	325
Total	108	422	0	0	530	0	0	0	0	0	0	443	135	0	578	125	0	120	0	245	1353
Grand Total	913	3049	2	0	3964	0	0	0	4	4	0	3072	809	1	3882	717	0	930	4	1651	9501
Apprch %	23	76.9	0.1	0		0	0	0	100		0	79.1	20.8	0		43.4	0	56.3	0.2		
Total %	9.6	32.1	0	0	41.7	0	0	0	0	0	0	32.3	8.5	0	40.9	7.5	0	9.8	0	17.4	
Class 1	888	2947	2	0	3837	0	0	0	2	2	0	2976	765	1	3742	672	0	900	2	1574	9155
% Class 1	97.3	96.7	100	0	96.8	0	0	0	50	50	0	96.9	94.6	100	96.4	93.7	0	96.8	50	95.3	96.4
Class 2	25	102	0	0	127	0	0	0	2	2	0	96	44	0	140	45	0	30	2	77	346
% Class 2	2.7	3.3	0	0	3.2	0	0	0	50	50	0	3.1	5.4	0	3.6	6.3	0	3.2	50	4.7	3.6

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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	40	98	0	0	138	0	0	0	0	0	0	92	18	0	110	12	0	26	0	38	286
07:45 AM	41	101	0	0	142	0	0	0	2	2	0	73	28	0	101	14	0	27	0	41	286
08:00 AM	24	86	2	0	112	0	0	0	0	0	0	76	17	0	93	14	0	26	0	40	245
08:15 AM	25	70	0	0	95	0	0	0	0	0	0	64	21	0	85	16	0	19	0	35	215
Total Volume	130	355	2	0	487	0	0	0	2	2	0	305	84	0	389	56	0	98	0	154	1032
% App. Total	26.7	72.9	0.4	0		0	0	0	100		0	78.4	21.6	0		36.4	0	63.6	0		
PHF	.793	.879	.250	.000	.857	.000	.000	.000	.250	.250	.000	.829	.750	.000	.884	.875	.000	.907	.000	.939	.902



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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	25	112	0	0	137	0	0	0	0	0	0	116	32	0	148	28	0	43	0	71	356
04:30 PM	34	100	0	0	134	0	0	0	0	0	0	109	27	0	136	38	0	34	0	72	342
04:45 PM	29	105	0	0	134	0	0	0	0	0	0	104	31	0	135	22	0	45	1	68	337
05:00 PM	25	97	0	0	122	0	0	0	0	0	0	122	45	0	167	34	0	29	0	63	352
Total Volume	113	414	0	0	527	0	0	0	0	0	0	451	135	0	586	122	0	151	1	274	1387
% App. Total	21.4	78.6	0	0		0	0	0	0		0	77	23	0		44.5	0	55.1	0.4		
PHF	.831	.924	.000	.000	.962	.000	.000	.000	.000	.000	.000	.924	.750	.000	.877	.803	.000	.839	.250	.951	.974

