

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

705 TH 120 & Harvester Avenue
Ref.Pt: 003+00.702
data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 705_TH 120 & Harvester Avenue
Site Code : 1735672
Start Date : 4/18/2019
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 120 From North					Harvester Ave From East					TH 120 From South					Harvester 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	0	44	6	0	50	8	0	6	0	14	4	25	0	0	29	1	0	0	0	1	94
06:15 AM	0	68	8	0	76	11	1	9	0	21	3	35	0	0	38	5	2	1	0	8	143
06:30 AM	1	87	13	0	101	14	1	22	0	37	7	37	0	0	44	3	2	0	0	5	187
06:45 AM	0	108	15	0	123	11	0	32	1	44	9	42	1	0	52	2	3	0	0	5	224
Total	1	307	42	0	350	44	2	69	1	116	23	139	1	0	163	11	7	1	0	19	648
07:00 AM	0	70	19	0	89	14	2	18	0	34	5	39	3	0	47	6	2	0	0	8	178
07:15 AM	1	138	24	0	163	29	1	26	0	56	10	71	3	0	84	8	5	0	0	13	316
07:30 AM	0	118	26	0	144	47	2	35	0	84	12	86	1	0	99	7	5	0	1	13	340
07:45 AM	1	141	26	0	168	25	4	33	0	62	12	67	2	0	81	4	4	0	0	8	319
Total	2	467	95	0	564	115	9	112	0	236	39	263	9	0	311	25	16	0	1	42	1153
08:00 AM	2	133	23	1	159	21	3	27	0	51	11	85	3	0	99	7	1	1	0	9	318
08:15 AM	0	113	30	0	143	19	4	22	0	45	15	75	3	0	93	6	1	1	0	8	289
08:30 AM	1	92	39	0	132	42	2	37	0	81	25	85	3	0	113	7	5	1	1	14	340
08:45 AM	0	106	18	0	124	43	4	26	0	73	13	73	1	0	87	4	4	1	0	9	293
Total	3	444	110	1	558	125	13	112	0	250	64	318	10	0	392	24	11	4	1	40	1240
09:00 AM	1	77	17	0	95	22	3	14	1	40	10	72	2	0	84	4	3	0	0	7	226
09:15 AM	0	81	16	0	97	19	2	15	1	37	12	46	3	0	61	5	1	0	0	6	201
*** BREAK ***																					
Total	1	158	33	0	192	41	5	29	2	77	22	118	5	0	145	9	4	0	0	13	427
*** BREAK ***																					
10:30 AM	0	72	15	0	87	17	0	16	0	33	7	63	6	0	76	3	3	0	1	7	203
10:45 AM	0	83	18	0	101	15	0	13	0	28	9	77	4	0	90	3	1	0	0	4	223
Total	0	155	33	0	188	32	0	29	0	61	16	140	10	0	166	6	4	0	1	11	426
11:00 AM	1	76	9	0	86	24	3	9	1	37	9	78	3	0	90	3	3	0	1	7	220
11:15 AM	1	90	7	0	98	18	0	12	0	30	10	72	3	0	85	4	1	0	0	5	218
11:30 AM	0	71	14	0	85	14	4	18	1	37	13	99	3	0	115	6	1	0	0	7	244
11:45 AM	0	83	19	0	102	21	3	17	0	41	27	80	2	0	109	5	4	1	0	10	262
Total	2	320	49	0	371	77	10	56	2	145	59	329	11	0	399	18	9	1	1	29	944
12:00 PM	0	82	11	0	93	20	1	20	1	42	12	82	6	0	100	1	1	0	1	3	238
12:15 PM	0	79	19	1	99	17	0	20	0	37	19	103	3	0	125	1	1	0	0	2	263
12:30 PM	0	97	15	0	112	19	1	15	1	36	15	107	3	0	125	2	5	0	1	8	281
12:45 PM	0	81	22	0	103	21	4	10	0	35	12	85	2	0	99	1	2	0	1	4	241
Total	0	339	67	1	407	77	6	65	2	150	58	377	14	0	449	5	9	0	3	17	1023
01:00 PM	0	84	21	0	105	25	1	14	0	40	15	91	3	0	109	4	1	1	0	6	260
01:15 PM	1	83	15	0	99	18	3	9	0	30	10	82	5	0	97	3	4	0	0	7	233
*** BREAK ***																					
Total	1	167	36	0	204	43	4	23	0	70	25	173	8	0	206	7	5	1	0	13	493
*** BREAK ***																					
02:30 PM	1	129	17	0	147	22	0	14	0	36	20	117	2	0	139	4	3	1	0	8	330
02:45 PM	0	115	29	1	145	24	2	11	0	37	26	113	6	0	145	2	2	0	0	4	331
Total	1	244	46	1	292	46	2	25	0	73	46	230	8	0	284	6	5	1	0	12	661
03:00 PM	0	131	41	0	172	31	7	12	1	51	28	136	8	0	172	5	5	0	0	10	405
03:15 PM	3	108	37	0	148	50	5	26	0	81	32	135	6	0	173	6	3	1	0	10	412
03:30 PM	2	127	39	0	168	52	4	27	0	83	31	137	4	0	172	4	4	0	0	8	431
03:45 PM	1	108	33	0	142	36	7	19	0	62	25	140	5	0	170	6	3	1	1	11	385
Total	6	474	150	0	630	169	23	84	1	277	116	548	23	0	687	21	15	2	1	39	1633

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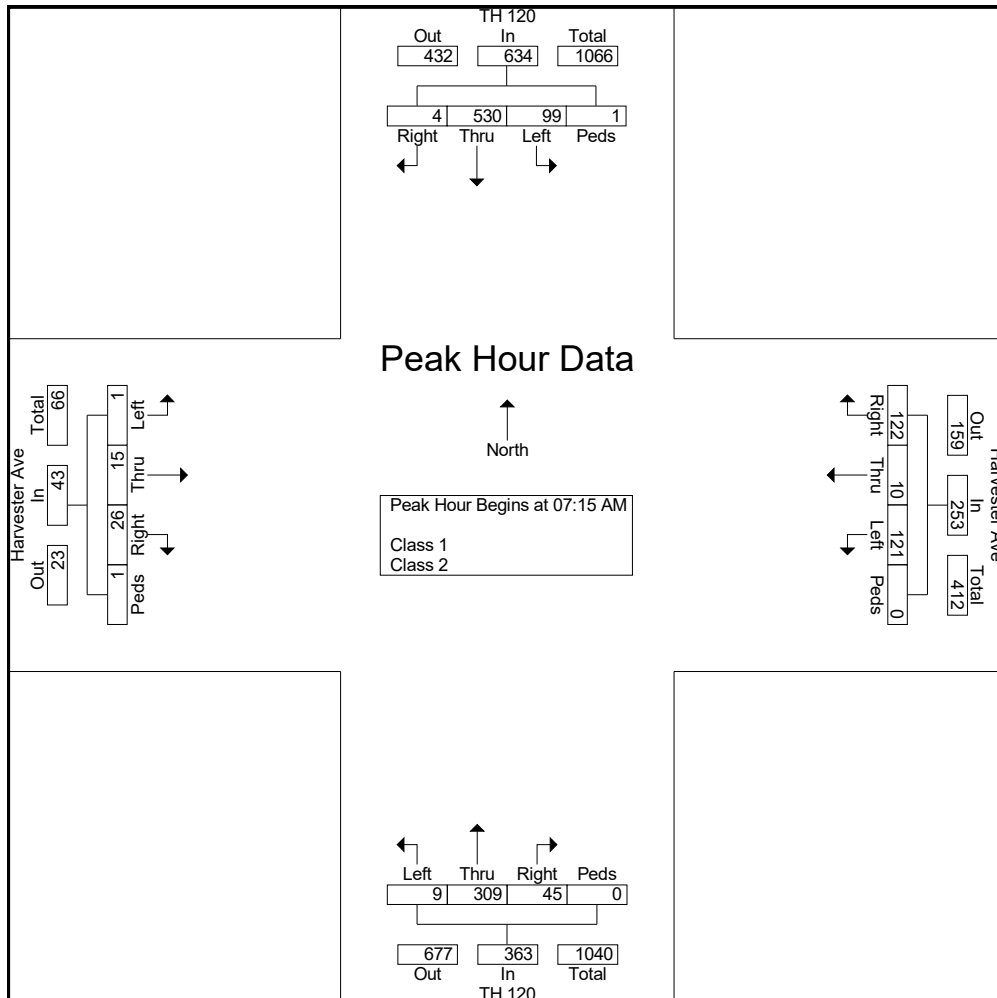
Start Time	TH 120 From North					Harvester Ave From East					TH 120 From South					Harvester Ave From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	1	133	30	0	164	46	6	18	1	71	22	155	6	0	183	7	7	2	0	16	434
04:15 PM	2	154	29	0	185	29	7	15	2	53	36	177	5	0	218	6	3	1	1	11	467
04:30 PM	2	136	34	0	172	35	3	19	0	57	31	177	5	0	213	5	3	0	1	9	451
04:45 PM	1	120	35	0	156	43	4	23	0	70	22	169	4	0	195	5	2	0	0	7	428
Total	6	543	128	0	677	153	20	75	3	251	111	678	20	0	809	23	15	3	2	43	1780
05:00 PM	2	135	41	0	178	42	7	23	2	74	32	204	1	0	237	3	3	0	0	6	495
05:15 PM	0	149	33	0	182	33	3	19	0	55	35	164	8	0	207	4	4	0	0	8	452
05:30 PM	0	123	26	1	150	30	5	15	0	50	30	162	2	0	194	6	2	0	0	8	402
05:45 PM	0	133	35	0	168	21	4	16	0	41	24	139	7	0	170	4	10	0	0	14	393
Total	2	540	135	1	678	126	19	73	2	220	121	669	18	0	808	17	19	0	0	36	1742
Grand Total	25	4158	924	4	5111	1048	113	752	13	1926	700	3982	137	0	4819	172	119	13	10	314	12170
Apprch %	0.5	81.4	18.1	0.1		54.4	5.9	39	0.7		14.5	82.6	2.8	0		54.8	37.9	4.1	3.2		
Total %	0.2	34.2	7.6	0	42	8.6	0.9	6.2	0.1	15.8	5.8	32.7	1.1	0	39.6	1.4	1	0.1	0.1	2.6	
Class 1	23	3988	872	4	4887	1002	110	732	8	1852	679	3824	131	0	4634	165	112	9	4	290	11663
% Class 1	92	95.9	94.4	100	95.6	95.6	97.3	97.3	61.5	96.2	97	96	95.6	0	96.2	95.9	94.1	69.2	40	92.4	95.8
Class 2	2	170	52	0	224	46	3	20	5	74	21	158	6	0	185	7	7	4	6	24	507
% Class 2	8	4.1	5.6	0	4.4	4.4	2.7	2.7	38.5	3.8	3	4	4.4	0	3.8	4.1	5.9	30.8	60	7.6	4.2

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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 07:15 AM																					
07:15 AM	1	138	24	0	163	29	1	26	0	56	10	71	3	0	84	8	5	0	0	13	316
07:30 AM	0	118	26	0	144	47	2	35	0	84	12	86	1	0	99	7	5	0	0	13	340
07:45 AM	1	141	26	0	168	25	4	33	0	62	12	67	2	0	81	4	4	0	0	8	319
08:00 AM	2	133	23	1	159	21	3	27	0	51	11	85	3	0	99	7	1	1	0	9	318
Total Volume	4	530	99	1	634	122	10	121	0	253	45	309	9	0	363	26	15	1	1	43	1293
% App. Total	0.6	83.6	15.6	0.2		48.2	4	47.8	0		12.4	85.1	2.5	0		60.5	34.9	2.3	2.3		
PHF	.500	.940	.952	.250	.943	.649	.625	.864	.000	.753	.938	.898	.750	.000	.917	.813	.750	.250	.250	.827	.951



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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	2	154	29	0	185	29	7	15	2	53	36	177	5	0	218	6	3	1	1	11	467
04:30 PM	2	136	34	0	172	35	3	19	0	57	31	177	5	0	213	5	3	0	1	9	451
04:45 PM	1	120	35	0	156	43	4	23	0	70	22	169	4	0	195	5	2	0	0	7	428
05:00 PM	2	135	41	0	178	42	7	23	2	74	32	204	1	0	237	3	3	0	0	6	495
Total Volume	7	545	139	0	691	149	21	80	4	254	121	727	15	0	863	19	11	1	2	33	1841
% App. Total	1	78.9	20.1	0		58.7	8.3	31.5	1.6		14	84.2	1.7	0		57.6	33.3	3	6.1		
PHF	.875	.885	.848	.000	.934	.866	.750	.870	.500	.858	.840	.891	.750	.000	.910	.792	.917	.250	.500	.750	.930

