

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

712 TH 120 & I-694 S Ramp
Ref.Pt: 008+00.080
data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 712_TH 120 & I-694 South Ramp
Site Code : 1735878
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					I-694 S Ramp 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	32	26	0	58	0	0	0	0	0	10	49	0	0	59	14	0	23	0	37	154
06:15 AM	0	24	40	0	64	0	0	0	0	0	13	50	0	0	63	30	0	30	0	60	187
06:30 AM	0	36	66	0	102	0	0	0	0	0	12	75	0	0	87	25	0	34	0	59	248
06:45 AM	0	46	62	0	108	0	0	0	0	0	10	88	0	0	98	31	0	47	0	78	284
Total	0	138	194	0	332	0	0	0	0	0	45	262	0	0	307	100	0	134	0	234	873
07:00 AM	0	47	71	0	118	0	0	0	0	0	21	95	0	0	116	31	0	54	0	85	319
07:15 AM	0	48	68	0	116	0	0	0	0	0	32	99	0	0	131	36	1	75	0	112	359
07:30 AM	0	59	91	0	150	0	0	0	0	0	21	151	0	0	172	44	0	131	2	177	499
07:45 AM	0	77	77	0	154	0	0	0	1	1	18	154	0	0	172	50	0	94	2	146	473
Total	0	231	307	0	538	0	0	0	1	1	92	499	0	0	591	161	1	354	4	520	1650
08:00 AM	0	54	57	0	111	0	0	0	0	0	19	134	0	0	153	48	0	69	0	117	381
08:15 AM	0	74	82	0	156	0	0	0	0	0	15	105	0	0	120	34	0	77	2	113	389
08:30 AM	0	66	94	0	160	0	0	0	0	0	18	101	0	0	119	39	0	81	0	120	399
08:45 AM	0	81	84	0	165	0	0	0	0	0	13	129	0	0	142	26	0	99	0	125	432
Total	0	275	317	0	592	0	0	0	0	0	65	469	0	0	534	147	0	326	2	475	1601
09:00 AM	0	76	67	0	143	0	0	0	0	0	16	110	0	0	126	24	1	104	0	129	398
09:15 AM	0	62	51	0	113	0	0	0	0	0	9	108	0	0	117	40	0	116	0	156	386
*** BREAK ***																					
Total	0	138	118	0	256	0	0	0	0	0	25	218	0	0	243	64	1	220	0	285	784
*** BREAK ***																					
10:30 AM	0	59	45	0	104	0	0	0	1	1	13	137	0	0	150	27	0	110	0	137	392
10:45 AM	0	116	89	0	205	0	0	0	0	0	5	118	0	0	123	26	2	141	0	169	497
Total	0	175	134	0	309	0	0	0	1	1	18	255	0	0	273	53	2	251	0	306	889
11:00 AM	0	89	69	0	158	0	0	0	0	0	13	83	0	0	96	34	0	71	0	105	359
11:15 AM	0	59	65	0	124	0	0	0	0	0	4	93	0	0	97	33	1	81	0	115	336
11:30 AM	0	58	50	0	108	0	0	0	0	0	10	99	0	0	109	37	0	73	0	110	327
11:45 AM	0	79	66	0	145	0	0	0	0	0	7	111	0	0	118	45	2	112	0	159	422
Total	0	285	250	0	535	0	0	0	0	0	34	386	0	0	420	149	3	337	0	489	1444
12:00 PM	0	82	59	0	141	0	0	0	1	1	6	113	0	0	119	29	0	86	0	115	376
12:15 PM	0	93	78	0	171	0	0	0	0	0	7	103	0	0	110	35	0	116	0	151	432
12:30 PM	0	77	65	0	142	0	0	0	0	0	10	97	0	0	107	39	0	134	0	173	422
12:45 PM	0	75	60	0	135	0	0	0	0	0	5	135	0	0	140	43	0	84	0	127	402
Total	0	327	262	0	589	0	0	0	1	1	28	448	0	0	476	146	0	420	0	566	1632
01:00 PM	0	97	49	0	146	0	0	0	0	0	10	104	0	0	114	29	1	77	0	107	367
01:15 PM	0	65	51	0	116	0	0	0	1	1	10	107	0	0	117	43	0	68	0	111	345
*** BREAK ***																					
Total	0	162	100	0	262	0	0	0	1	1	20	211	0	0	231	72	1	145	0	218	712
*** BREAK ***																					
02:30 PM	0	100	86	0	186	0	0	0	0	0	12	118	0	0	130	55	0	121	0	176	492
02:45 PM	0	94	80	0	174	0	0	0	1	1	15	152	0	0	167	65	0	82	0	147	489
Total	0	194	166	0	360	0	0	0	1	1	27	270	0	0	297	120	0	203	0	323	981
03:00 PM	0	109	84	0	193	0	0	0	0	0	16	115	0	0	131	58	0	84	0	142	466
03:15 PM	0	107	76	0	183	0	0	0	0	0	17	145	0	0	162	63	0	83	0	146	491
03:30 PM	0	133	108	0	241	0	0	0	0	0	7	131	0	0	138	48	0	97	0	145	524
03:45 PM	0	114	100	0	214	0	0	0	0	0	10	135	0	0	145	42	0	98	4	144	503
Total	0	463	368	0	831	0	0	0	0	0	50	526	0	0	576	211	0	362	4	577	1984

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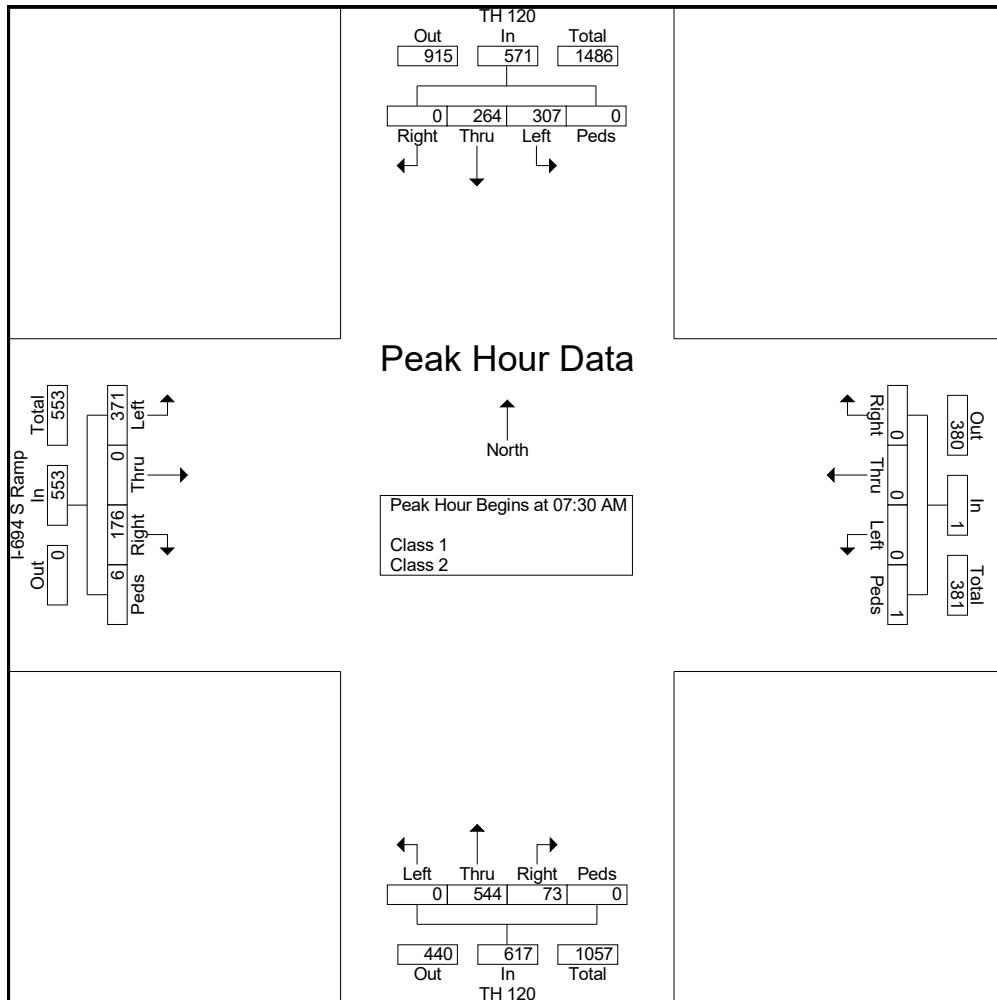
Start Time	TH 120 From North					From East					TH 120 From South					I-694 S Ramp From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	0	107	82	0	189	0	0	0	0	0	20	174	0	0	194	51	0	92	0	143	526
04:15 PM	0	82	68	0	150	0	0	0	0	0	12	150	0	0	162	70	0	88	0	158	470
04:30 PM	0	100	79	0	179	0	0	0	0	0	23	166	0	0	189	42	1	74	0	117	485
04:45 PM	0	89	65	0	154	0	0	0	0	0	18	132	0	0	150	43	0	85	0	128	432
Total	0	378	294	0	672	0	0	0	0	0	73	622	0	0	695	206	1	339	0	546	1913
05:00 PM	0	81	60	0	141	0	0	0	0	0	22	160	0	0	182	50	2	118	0	170	493
05:15 PM	0	97	73	0	170	0	0	0	0	0	11	163	0	0	174	43	0	106	0	149	493
05:30 PM	0	87	56	0	143	0	0	0	0	0	13	193	0	0	206	36	0	111	0	147	496
05:45 PM	0	80	52	0	132	0	0	0	0	0	13	158	0	0	171	53	0	122	0	175	478
Total	0	345	241	0	586	0	0	0	0	0	59	674	0	0	733	182	2	457	0	641	1960
Grand Total	0	3111	2751	0	5862	0	0	0	5	5	536	4840	0	0	5376	1611	11	3548	10	5180	16423
Apprch %	0	53.1	46.9	0		0	0	0	100		10	90	0	0		31.1	0.2	68.5	0.2		
Total %	0	18.9	16.8	0	35.7	0	0	0	0	0	3.3	29.5	0	0	32.7	9.8	0.1	21.6	0.1	31.5	
Class 1	0	2981	2584	0	5565	0	0	0	4	4	522	4753	0	0	5275	1568	10	3419	6	5003	15847
% Class 1	0	95.8	93.9	0	94.9	0	0	0	80	80	97.4	98.2	0	0	98.1	97.3	90.9	96.4	60	96.6	96.5
Class 2	0	130	167	0	297	0	0	0	1	1	14	87	0	0	101	43	1	129	4	177	576
% Class 2	0	4.2	6.1	0	5.1	0	0	0	20	20	2.6	1.8	0	0	1.9	2.7	9.1	3.6	40	3.4	3.5

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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	0	59	91	0	150	0	0	0	0	0	21	151	0	0	172	44	0	131	2	177	499
07:45 AM	0	77	77	0	154	0	0	0	1	1	18	154	0	0	172	50	0	94	2	146	473
08:00 AM	0	54	57	0	111	0	0	0	0	0	19	134	0	0	153	48	0	69	0	117	381
08:15 AM	0	74	82	0	156	0	0	0	0	0	15	105	0	0	120	34	0	77	2	113	389
Total Volume	0	264	307	0	571	0	0	0	1	1	73	544	0	0	617	176	0	371	6	553	1742
% App. Total	0	46.2	53.8	0		0	0	0	100		11.8	88.2	0	0		31.8	0	67.1	1.1		
PHF	.000	.857	.843	.000	.915	.000	.000	.000	.250	.250	.869	.883	.000	.000	.897	.880	.000	.708	.750	.781	.873



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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	0	107	76	0	183	0	0	0	0	0	17	145	0	0	162	63	0	83	0	146	491
03:30 PM	0	133	108	0	241	0	0	0	0	0	7	131	0	0	138	48	0	97	0	145	524
03:45 PM	0	114	100	0	214	0	0	0	0	0	10	135	0	0	145	42	0	98	4	144	503
04:00 PM	0	107	82	0	189	0	0	0	0	0	20	174	0	0	194	51	0	92	0	143	526
Total Volume	0	461	366	0	827	0	0	0	0	0	54	585	0	0	639	204	0	370	4	578	2044
% App. Total	0	55.7	44.3	0		0	0	0	0	0	8.5	91.5	0	0		35.3	0	64	0.7		
PHF	.000	.867	.847	.000	.858	.000	.000	.000	.000	.000	.675	.841	.000	.000	.823	.810	.000	.944	.250	.990	.971

