

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 55 and CSAH 19

Ref.Pt.: 170.715

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 401_TH 55 & CSAH 19

Site Code : 401_____

Start Date : 1/17/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	CSAH 19 From North					TH 55 From East					CSAH 19 From South					TH 55 From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
06:00 AM	0	0	11	25	36	0	1	18	4	23	0	11	14	1	26	0	7	144	1	152	237
06:15 AM	0	0	28	42	70	0	3	14	3	20	0	12	18	4	34	0	16	171	0	187	311
06:30 AM	0	2	30	45	77	0	0	18	1	19	0	20	20	1	41	0	12	220	4	236	373
06:45 AM	0	2	29	72	103	0	2	23	7	32	0	14	17	4	35	0	19	222	2	243	413
Total	0	4	98	184	286	0	6	73	15	94	0	57	69	10	136	0	54	757	7	818	1334
07:00 AM	0	1	54	56	111	0	4	31	8	43	0	16	14	2	32	0	19	229	3	251	437
07:15 AM	0	3	51	52	106	0	9	36	15	60	0	21	17	4	42	0	23	273	4	300	508
07:30 AM	0	3	57	52	112	0	2	51	5	58	0	22	23	1	46	0	27	202	4	233	449
07:45 AM	0	3	55	59	117	0	9	27	6	42	0	20	19	3	42	0	27	214	1	242	443
Total	0	10	217	219	446	0	24	145	34	203	0	79	73	10	162	0	96	918	12	1026	1837
08:00 AM	0	4	55	58	117	0	0	14	7	21	0	12	14	2	28	0	23	171	4	198	364
08:15 AM	0	3	35	58	96	0	4	39	9	52	0	18	19	6	43	0	18	127	2	147	338
08:30 AM	0	1	40	54	95	1	5	38	4	48	0	13	16	0	29	0	11	129	1	141	313
08:45 AM	0	6	28	30	64	1	1	27	10	39	0	11	15	3	29	0	17	101	3	121	253
Total	0	14	158	200	372	2	10	118	30	160	0	54	64	11	129	0	69	528	10	607	1268
09:00 AM	0	0	21	23	44	2	2	12	13	29	0	18	7	2	27	0	9	71	3	83	183
09:15 AM	0	1	14	13	28	1	7	24	6	38	0	11	10	5	26	0	13	85	1	99	191
*** BREAK ***																					
Total	0	1	35	36	72	3	9	36	19	67	0	29	17	7	53	0	22	156	4	182	374
*** BREAK ***																					
10:30 AM	0	1	12	21	34	0	0	0	0	0	0	14	14	8	36	0	8	44	2	54	124
10:45 AM	0	3	8	10	21	0	0	0	3	3	0	12	9	5	26	0	4	45	4	53	103
Total	0	4	20	31	55	0	0	0	3	3	0	26	23	13	62	0	12	89	6	107	227
11:00 AM	0	2	11	10	23	0	4	23	8	35	0	4	9	5	18	0	7	47	8	62	138
11:15 AM	0	2	5	9	16	0	7	40	12	59	0	12	17	7	36	0	7	60	3	70	181
11:30 AM	0	3	12	5	20	0	6	35	11	52	2	9	16	6	33	0	6	62	4	72	177
11:45 AM	0	5	15	8	28	0	6	33	10	49	0	12	15	5	32	0	7	40	4	51	160
Total	0	12	43	32	87	0	23	131	41	195	2	37	57	23	119	0	27	209	19	255	656
12:00 PM	0	4	15	12	31	0	12	40	16	68	0	13	9	7	29	0	6	48	2	56	184
12:15 PM	0	3	19	4	26	0	8	41	14	63	0	12	20	8	40	0	7	43	3	53	182
12:30 PM	0	1	20	4	25	0	9	40	9	58	0	8	14	4	26	0	4	50	3	57	166
12:45 PM	0	2	19	9	30	0	7	45	16	68	0	12	16	2	30	0	5	63	0	68	196
Total	0	10	73	29	112	0	36	166	55	257	0	45	59	21	125	0	22	204	8	234	728
01:00 PM	0	5	12	4	21	0	4	47	14	65	0	9	14	1	24	0	8	44	3	55	165
01:15 PM	0	4	19	5	28	0	7	38	11	56	0	5	12	10	27	0	3	37	1	41	152
*** BREAK ***																					
Total	0	9	31	9	49	0	11	85	25	121	0	14	26	11	51	0	11	81	4	96	317
*** BREAK ***																					
02:30 PM	0	2	16	8	26	0	18	108	18	144	0	13	12	8	33	0	6	38	2	46	249
02:45 PM	0	2	11	5	18	0	13	117	21	151	0	17	39	8	64	0	7	41	1	49	282
Total	0	4	27	13	44	0	31	225	39	295	0	30	51	16	97	0	13	79	3	95	531
03:00 PM	0	1	11	6	18	0	18	120	11	149	0	17	30	10	57	0	10	57	2	69	293
03:15 PM	0	4	10	3	17	0	22	202	21	245	0	20	30	12	62	0	7	49	2	58	382
03:30 PM	0	3	9	8	20	0	29	150	20	199	0	10	43	11	64	0	7	40	4	51	334
03:45 PM	0	0	12	1	13	0	21	215	18	254	0	10	52	15	77	0	5	48	3	56	400
Total	0	8	42	18	68	0	90	687	70	847	0	57	155	48	260	0	29	194	11	234	1409
04:00 PM	0	4	22	2	28	0	27	193	23	243	0	16	73	12	101	0	5	32	2	39	411
04:15 PM	0	3	13	6	22	0	50	220	21	291	0	11	77	13	101	0	5	22	7	34	448
04:30 PM	0	5	18	7	30	0	51	187	14	252	0	4	61	12	77	0	6	40	4	50	409

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04:45 PM	0	4	18	8	30	0	41	229	35	305	0	17	54	11	82	0	11	23	0	34	451
Total	0	16	71	23	110	0	169	829	93	1091	0	48	265	48	361	0	27	117	13	157	1719
05:00 PM	0	6	12	8	26	0	44	218	21	283	0	14	49	35	98	0	6	54	3	63	470
05:15 PM	0	4	24	15	43	0	44	211	18	273	0	16	50	18	84	0	7	34	3	44	444
05:30 PM	0	10	23	6	39	0	36	206	24	266	0	15	73	25	113	0	8	29	5	42	460
05:45 PM	0	1	23	15	39	0	36	197	27	260	0	19	83	23	125	0	8	39	3	50	474
Total	0	21	82	44	147	0	160	832	90	1082	0	64	255	101	420	0	29	156	14	199	1848
Grand Total	0	113	897	838	1848	5	569	3327	514	4415	2	540	1114	319	1975	0	411	3488	111	4010	12248
Apprch %	0	6.1	48.5	45.3		0.1	12.9	75.4	11.6		0.1	27.3	56.4	16.2		0	10.2	87	2.8		
Total %	0	0.9	7.3	6.8	15.1	0	4.6	27.2	4.2	36	0	4.4	9.1	2.6	16.1	0	3.4	28.5	0.9	32.7	
Class 1	0	103	858	796	1757	5	536	3224	479	4244	2	499	1064	288	1853	0	392	3374	100	3866	11720
% Class 1	0	91.2	95.7	95	95.1	100	94.2	96.9	93.2	96.1	100	92.4	95.5	90.3	93.8	0	95.4	96.7	90.1	96.4	95.7
Class 2	0	10	39	42	91	0	33	103	35	171	0	41	50	31	122	0	19	114	11	144	528
% Class 2	0	8.8	4.3	5	4.9	0	5.8	3.1	6.8	3.9	0	7.6	4.5	9.7	6.2	0	4.6	3.3	9.9	3.6	4.3

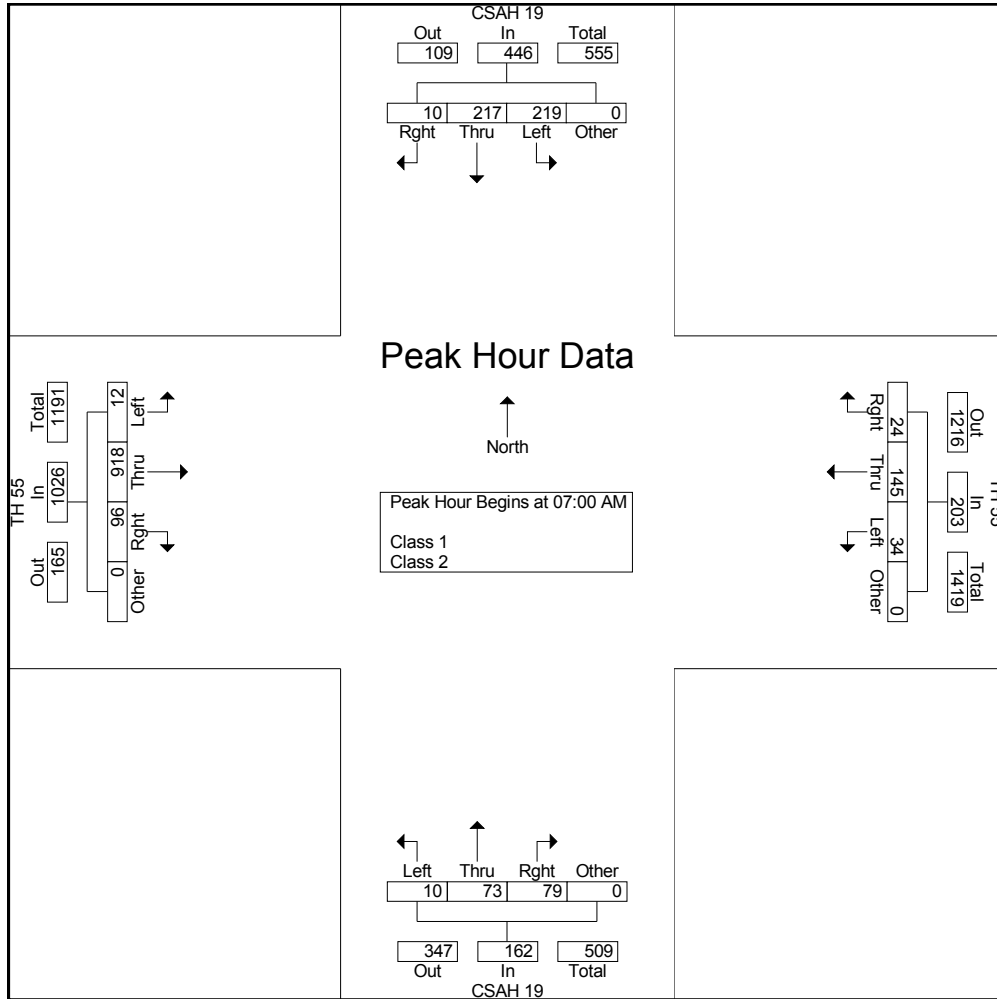
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	1	54	56	111	0	4	31	8	43	0	16	14	2	32	0	19	229	3	251	437
07:15 AM	0	3	51	52	106	0	9	36	15	60	0	21	17	4	42	0	23	273	4	300	508
07:30 AM	0	3	57	52	112	0	2	51	5	58	0	22	23	1	46	0	27	202	4	233	449
07:45 AM	0	3	55	59	117	0	9	27	6	42	0	20	19	3	42	0	27	214	1	242	443
Total Volume	0	10	217	219	446	0	24	145	34	203	0	79	73	10	162	0	96	918	12	1026	1837
% App. Total	0	2.2	48.7	49.1		0	11.8	71.4	16.7		0	48.8	45.1	6.2		0	9.4	89.5	1.2		
PHF	.000	.833	.952	.928	.953	.000	.667	.711	.567	.846	.000	.898	.793	.625	.880	.000	.889	.841	.750	.855	.904



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	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	6	12	8	26	0	44	218	21	283	0	14	49	35	98	0	6	54	3	63	470
05:15 PM	0	4	24	15	43	0	44	211	18	273	0	16	50	18	84	0	7	34	3	44	444
05:30 PM	0	10	23	6	39	0	36	206	24	266	0	15	73	25	113	0	8	29	5	42	460
05:45 PM	0	1	23	15	39	0	36	197	27	260	0	19	83	23	125	0	8	39	3	50	474
Total Volume	0	21	82	44	147	0	160	832	90	1082	0	64	255	101	420	0	29	156	14	199	1848
% App. Total	0	14.3	55.8	29.9		0	14.8	76.9	8.3		0	15.2	60.7	24		0	14.6	78.4	7		
PHF	.000	.525	.854	.733	.855	.000	.909	.954	.833	.956	.000	.842	.768	.721	.840	.000	.906	.722	.700	.790	.975

