

Alliant Engineering, Inc.

233 Park Ave Suite 300
 Minneapolis, MN 55415
 --TRAFFIC DATA--

TH 55 and Sioux Drive
 Ref.Pt.: 176.411
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 406_TH 55 & Sioux Drive
 Site Code : 406
 Start Date : 1/17/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Sioux Dr From North					TH 55 From East					Sioux Dr 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	3	11	36	50	0	7	60	0	67	0	7	3	2	12	0	1	240	3	244	373
06:15 AM	0	14	2	60	76	0	8	65	0	73	0	5	4	3	12	0	5	342	1	348	509
06:30 AM	0	19	10	86	115	0	15	113	2	130	0	6	9	1	16	0	1	363	6	370	631
06:45 AM	0	18	9	78	105	0	11	123	3	137	0	3	13	3	19	0	2	376	7	385	646
Total	0	54	32	260	346	0	41	361	5	407	0	21	29	9	59	0	9	1321	17	1347	2159
07:00 AM	0	20	10	118	148	0	10	124	1	135	0	8	5	2	15	0	8	333	5	346	644
07:15 AM	0	10	30	122	162	1	9	100	1	111	0	8	11	3	22	0	10	476	7	493	788
07:30 AM	0	14	19	144	177	0	20	136	0	156	0	15	11	6	32	0	13	403	12	428	793
07:45 AM	1	33	29	140	203	0	13	156	1	170	0	13	23	5	41	0	10	317	4	331	745
Total	1	77	88	524	690	1	52	516	3	572	0	44	50	16	110	0	41	1529	28	1598	2970
08:00 AM	0	23	53	59	135	0	43	140	0	183	0	2	12	2	16	0	6	307	2	315	649
08:15 AM	0	17	16	75	108	0	44	163	0	207	0	1	25	5	31	0	4	310	20	334	680
08:30 AM	0	18	12	92	122	0	27	121	0	148	0	0	24	8	32	0	0	275	9	284	586
08:45 AM	0	12	31	79	122	0	19	128	2	149	0	9	11	3	23	0	6	297	3	306	600
Total	0	70	112	305	487	0	133	552	2	687	0	12	72	18	102	0	16	1189	34	1239	2515
09:00 AM	0	7	14	57	78	0	17	105	6	128	0	2	14	1	17	0	6	206	4	216	439
09:15 AM	0	7	19	55	81	0	23	95	3	121	0	1	17	7	25	0	3	130	6	139	366
*** BREAK ***																					
Total	0	14	33	112	159	0	40	200	9	249	0	3	31	8	42	0	9	336	10	355	805
*** BREAK ***																					
10:30 AM	0	7	11	50	68	0	30	79	9	118	0	0	31	2	33	0	9	113	4	126	345
10:45 AM	0	10	16	40	66	0	34	75	6	115	0	11	24	8	43	0	8	144	6	158	382
Total	0	17	27	90	134	0	64	154	15	233	0	11	55	10	76	0	17	257	10	284	727
11:00 AM	0	9	14	41	64	0	37	100	6	143	0	9	19	5	33	0	9	113	2	124	364
11:15 AM	0	8	13	53	74	0	46	101	10	157	1	8	32	4	45	0	5	137	9	151	427
11:30 AM	0	11	15	55	81	0	44	114	3	161	0	2	28	3	33	0	8	133	7	148	423
11:45 AM	0	12	17	44	73	0	53	119	9	181	0	3	38	4	45	0	6	119	7	132	431
Total	0	40	59	193	292	0	180	434	28	642	1	22	117	16	156	0	28	502	25	555	1645
12:00 PM	0	8	28	43	79	0	58	110	13	181	0	6	28	4	38	0	12	151	3	166	464
12:15 PM	0	10	9	41	60	0	64	125	8	197	0	2	33	2	37	0	5	120	11	136	430
12:30 PM	0	6	16	32	54	0	52	129	9	190	0	3	39	5	47	0	12	125	4	141	432
12:45 PM	0	8	12	42	62	0	59	163	8	230	0	5	39	7	51	0	10	136	1	147	490
Total	0	32	65	158	255	0	233	527	38	798	0	16	139	18	173	0	39	532	19	590	1816
01:00 PM	0	10	18	31	59	0	63	123	11	197	0	10	54	7	71	0	4	102	5	111	438
01:15 PM	0	5	10	37	52	0	36	120	13	169	0	16	13	7	36	0	6	135	3	144	401
*** BREAK ***																					
Total	0	15	28	68	111	0	99	243	24	366	0	26	67	14	107	0	10	237	8	255	839
*** BREAK ***																					
02:30 PM	0	6	23	46	75	0	80	188	13	281	0	7	42	4	53	0	4	131	17	152	561
02:45 PM	0	9	18	44	71	0	60	185	11	256	0	4	36	3	43	0	9	113	8	130	500
Total	0	15	41	90	146	0	140	373	24	537	0	11	78	7	96	0	13	244	25	282	1061
03:00 PM	0	15	17	34	66	0	83	266	17	366	0	4	39	7	50	0	6	141	9	156	638
03:15 PM	0	9	21	57	87	0	144	269	41	454	0	6	34	9	49	0	9	113	9	131	721
03:30 PM	0	13	20	35	68	0	141	358	19	518	0	5	43	8	56	0	9	156	18	183	825
03:45 PM	0	14	39	56	109	0	164	328	22	514	0	4	38	5	47	0	6	162	10	178	848
Total	0	51	97	182	330	0	532	1221	99	1852	0	19	154	29	202	0	30	572	46	648	3032
04:00 PM	0	12	19	47	78	0	133	376	10	519	0	3	34	2	39	0	6	136	17	159	795
04:15 PM	0	9	18	46	73	0	186	368	23	577	0	8	29	4	41	0	6	132	20	158	849
04:30 PM	0	11	22	24	57	0	179	407	6	592	0	1	26	5	32	0	6	166	14	186	867

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04:45 PM	0	17	21	62	100	0	217	450	16	683	0	6	27	6	39	0	8	170	23	201	1023
Total	0	49	80	179	308	0	715	1601	55	2371	0	18	116	17	151	0	26	604	74	704	3534
05:00 PM	0	12	22	77	111	0	175	393	14	582	0	2	33	8	43	0	4	194	26	224	960
05:15 PM	0	12	23	54	89	0	207	454	16	677	0	4	37	13	54	0	11	213	11	235	1055
05:30 PM	0	14	34	68	116	0	219	459	12	690	0	5	42	5	52	0	7	185	19	211	1069
05:45 PM	0	11	28	55	94	0	156	421	12	589	0	9	39	3	51	0	11	177	4	192	926
Total	0	49	107	254	410	0	757	1727	54	2538	0	20	151	29	200	0	33	769	60	862	4010
Grand Total	1	483	769	2415	3668	1	2986	7909	356	11252	1	223	1059	191	1474	0	271	8092	356	8719	25113
Apprch %	0	13.2	21	65.8		0	26.5	70.3	3.2		0.1	15.1	71.8	13		0	3.1	92.8	4.1		
Total %	0	1.9	3.1	9.6	14.6	0	11.9	31.5	1.4	44.8	0	0.9	4.2	0.8	5.9	0	1.1	32.2	1.4	34.7	
Class 1	0	450	753	2356	3559	1	2919	7629	350	10899	0	190	961	157	1308	0	259	7752	341	8352	24118
% Class 1	0	93.2	97.9	97.6	97	100	97.8	96.5	98.3	96.9	0	85.2	90.7	82.2	88.7	0	95.6	95.8	95.8	95.8	96
Class 2	1	33	16	59	109	0	67	280	6	353	1	33	98	34	166	0	12	340	15	367	995
% Class 2	100	6.8	2.1	2.4	3	0	2.2	3.5	1.7	3.1	100	14.8	9.3	17.8	11.3	0	4.4	4.2	4.2	4.2	4

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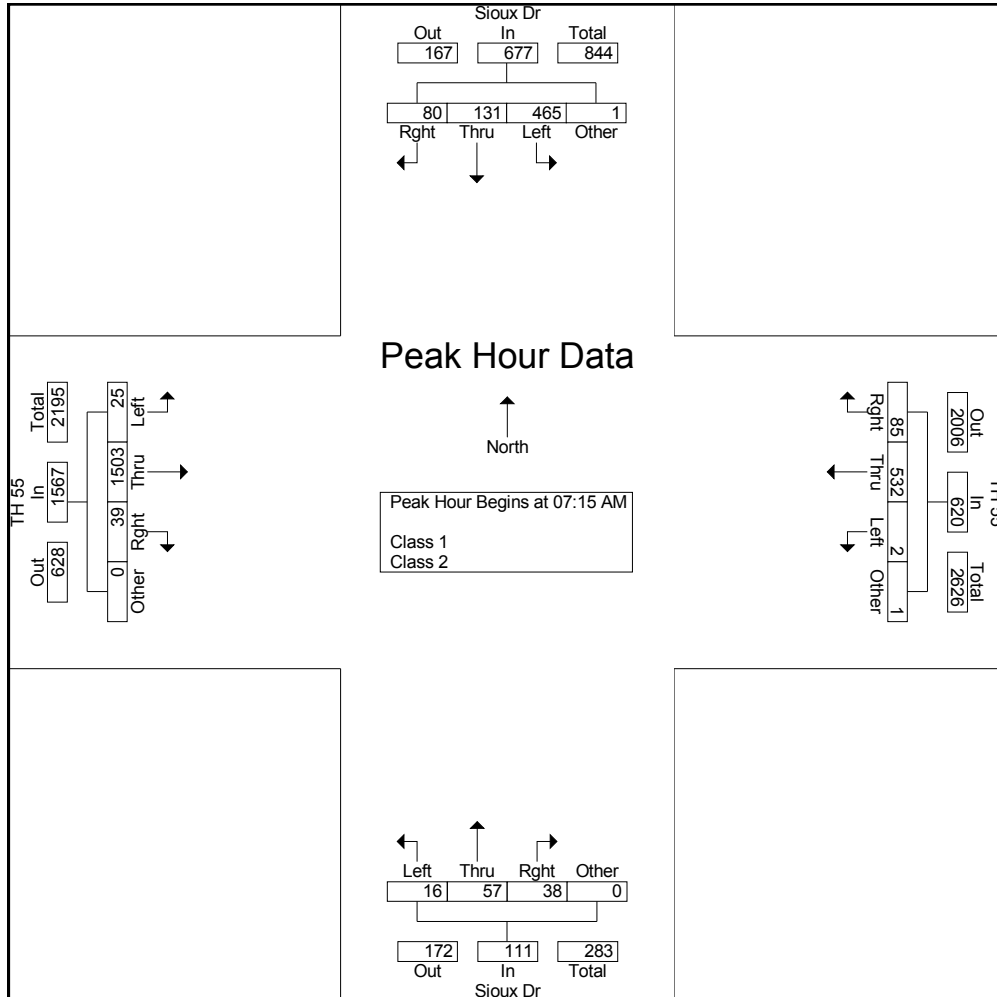
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	10	30	122	162	1	9	100	1	111	0	8	11	3	22	0	10	476	7	493	788
07:30 AM	0	14	19	144	177	0	20	136	0	156	0	15	11	6	32	0	13	403	12	428	793
07:45 AM	1	33	29	140	203	0	13	156	1	170	0	13	23	5	41	0	10	317	4	331	745
08:00 AM	0	23	53	59	135	0	43	140	0	183	0	2	12	2	16	0	6	307	2	315	649
Total Volume	1	80	131	465	677	1	85	532	2	620	0	38	57	16	111	0	39	1503	25	1567	2975
% App. Total	0.1	11.8	19.4	68.7		0.2	13.7	85.8	0.3		0	34.2	51.4	14.4		0	2.5	95.9	1.6		
PHF	.250	.606	.618	.807	.834	.250	.494	.853	.500	.847	.000	.633	.620	.667	.677	.000	.750	.789	.521	.795	.938



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Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	17	21	62	100	0	217	450	16	683	0	6	27	6	39	0	8	170	23	201	1023
05:00 PM	0	12	22	77	111	0	175	393	14	582	0	2	33	8	43	0	4	194	26	224	960
05:15 PM	0	12	23	54	89	0	207	454	16	677	0	4	37	13	54	0	11	213	11	235	1055
05:30 PM	0	14	34	68	116	0	219	459	12	690	0	5	42	5	52	0	7	185	19	211	1069
Total Volume	0	55	100	261	416	0	818	1756	58	2632	0	17	139	32	188	0	30	762	79	871	4107
% App. Total	0	13.2	24	62.7		0	31.1	66.7	2.2		0	9	73.9	17		0	3.4	87.5	9.1		
PHF	.000	.809	.735	.847	.897	.000	.934	.956	.906	.954	.000	.708	.827	.615	.870	.000	.682	.894	.760	.927	.960

