

Alliant Engineering, Inc.

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

TH 55 and Boone Avenue
 Ref.Pt.: 184.558
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 420_TH 55 & Boone Ave
 Site Code : 420_____
 Start Date : 2/21/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Boone Ave From North					TH 55 From East					Boone Ave 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	2	14	8	24	0	8	93	1	102	0	3	6	3	12	0	10	127	16	153	291
06:15 AM	0	7	11	10	28	0	27	118	10	155	0	4	5	1	10	0	9	201	10	220	413
06:30 AM	0	15	16	13	44	0	14	145	16	175	0	3	10	5	18	0	17	216	12	245	482
06:45 AM	0	12	28	24	64	0	14	176	26	216	0	5	13	7	25	0	19	249	18	286	591
Total	0	36	69	55	160	0	63	532	53	648	0	15	34	16	65	0	55	793	56	904	1777
07:00 AM	0	24	22	17	63	0	16	178	16	210	0	5	6	10	21	0	25	357	17	399	693
07:15 AM	0	19	64	33	116	0	20	182	45	247	0	11	18	2	31	0	36	337	18	391	785
07:30 AM	0	24	35	36	95	0	16	199	31	246	0	15	23	10	48	0	24	344	26	394	783
07:45 AM	0	20	72	30	122	0	21	263	28	312	1	43	15	6	65	0	36	433	7	476	975
Total	0	87	193	116	396	0	73	822	120	1015	1	74	62	28	165	0	121	1471	68	1660	3236
08:00 AM	0	23	49	56	128	0	25	246	64	335	0	49	24	7	80	0	33	479	32	544	1087
08:15 AM	0	27	98	25	150	0	35	242	71	348	0	37	27	9	73	0	25	483	36	544	1115
08:30 AM	0	27	98	46	171	0	21	245	59	325	0	22	21	9	52	0	39	427	64	530	1078
08:45 AM	0	25	79	41	145	0	19	250	50	319	0	15	20	4	39	0	32	449	59	540	1043
Total	0	102	324	168	594	0	100	983	244	1327	0	123	92	29	244	0	129	1838	191	2158	4323
09:00 AM	0	24	49	39	112	0	23	224	25	272	0	22	15	21	58	1	25	356	49	431	873
09:15 AM	0	34	33	45	112	0	25	181	13	219	0	17	8	10	35	0	18	362	56	436	802
*** BREAK ***																					
Total	0	58	82	84	224	0	48	405	38	491	0	39	23	31	93	1	43	718	105	867	1675
*** BREAK ***																					
10:30 AM	0	46	18	19	83	0	16	173	18	207	0	7	9	5	21	0	8	253	39	300	611
10:45 AM	0	30	24	10	64	0	21	114	14	149	0	10	7	8	25	0	6	242	26	274	512
Total	0	76	42	29	147	0	37	287	32	356	0	17	16	13	46	0	14	495	65	574	1123
11:00 AM	0	29	25	14	68	0	25	160	2	187	0	9	16	20	45	0	6	233	29	268	568
11:15 AM	0	27	30	17	74	0	20	120	17	157	0	9	16	7	32	0	5	248	26	279	542
11:30 AM	0	16	34	25	75	0	18	142	26	186	0	13	16	13	42	1	7	260	15	283	586
11:45 AM	0	23	29	14	66	0	24	166	23	213	0	22	21	11	54	0	11	274	46	331	664
Total	0	95	118	70	283	0	87	588	68	743	0	53	69	51	173	1	29	1015	116	1161	2360
12:00 PM	0	39	26	47	112	0	12	153	8	173	0	17	19	12	48	0	14	247	29	290	623
12:15 PM	0	25	38	51	114	0	19	176	12	207	0	16	21	3	40	1	8	199	38	246	607
12:30 PM	0	29	33	23	85	0	16	180	23	219	0	8	13	13	34	0	7	189	25	221	559
12:45 PM	0	46	31	27	104	0	33	186	21	240	0	6	17	9	32	0	8	237	23	268	644
Total	0	139	128	148	415	0	80	695	64	839	0	47	70	37	154	1	37	872	115	1025	2433
01:00 PM	0	28	27	25	80	0	17	206	12	235	0	9	16	8	33	0	7	202	36	245	593
01:15 PM	0	33	33	37	103	0	23	233	21	277	0	4	25	10	39	0	11	140	30	181	600
*** BREAK ***																					
Total	0	61	60	62	183	0	40	439	33	512	0	13	41	18	72	0	18	342	66	426	1193
*** BREAK ***																					
02:30 PM	0	32	32	36	100	0	22	293	13	328	0	10	22	8	40	0	6	166	32	204	672
02:45 PM	0	43	24	36	103	0	17	292	13	322	0	22	17	7	46	0	5	203	21	229	700
Total	0	75	56	72	203	0	39	585	26	650	0	32	39	15	86	0	11	369	53	433	1372
03:00 PM	0	27	30	38	95	0	10	307	17	334	0	27	31	8	66	1	3	182	37	223	718
03:15 PM	0	26	29	50	105	0	15	255	12	282	0	18	12	13	43	0	5	195	6	206	636
03:30 PM	0	22	26	26	74	0	19	273	15	307	0	17	33	15	65	0	9	210	23	242	688
03:45 PM	0	46	26	46	118	0	34	269	17	320	0	40	44	42	126	1	10	177	35	223	787
Total	0	121	111	160	392	0	78	1104	61	1243	0	102	120	78	300	2	27	764	101	894	2829
04:00 PM	0	32	26	53	111	0	14	322	13	349	0	40	35	39	114	0	5	209	40	254	828
04:15 PM	0	27	30	60	117	0	21	332	15	368	0	38	42	34	114	2	8	221	47	278	877
04:30 PM	0	25	44	52	121	0	18	259	12	289	0	50	56	56	162	3	11	257	33	304	876

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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	
04:45 PM	0	28	36	48	112	0	16	283	23	322	0	49	78	46	173	0	8	339	36	383	990
Total	0	112	136	213	461	0	69	1196	63	1328	0	177	211	175	563	5	32	1026	156	1219	3571
05:00 PM	0	35	47	50	132	0	27	438	12	477	0	58	46	47	151	0	8	493	22	523	1283
05:15 PM	1	43	48	64	156	0	26	386	23	435	0	64	51	42	157	1	6	429	44	480	1228
05:30 PM	0	44	51	59	154	0	26	362	32	420	0	67	52	39	158	0	11	402	34	447	1179
05:45 PM	0	49	51	63	163	0	31	393	31	455	0	46	39	35	120	1	6	432	46	485	1223
Total	1	171	197	236	605	0	110	1579	98	1787	0	235	188	163	586	2	31	1756	146	1935	4913
Grand Total	1	1133	1516	1413	4063	0	824	9215	900	10939	1	927	965	654	2547	12	547	11459	1238	13256	30805
Apprch %	0	27.9	37.3	34.8		0	7.5	84.2	8.2		0	36.4	37.9	25.7		0.1	4.1	86.4	9.3		
Total %	0	3.7	4.9	4.6	13.2	0	2.7	29.9	2.9	35.5	0	3	3.1	2.1	8.3	0	1.8	37.2	4	43	
Class 1	1	1092	1458	1342	3893	0	778	8839	885	10502	1	913	937	613	2464	11	542	11158	1164	12875	29734
% Class 1	100	96.4	96.2	95	95.8	0	94.4	95.9	98.3	96	100	98.5	97.1	93.7	96.7	91.7	99.1	97.4	94	97.1	96.5
Class 2	0	41	58	71	170	0	46	376	15	437	0	14	28	41	83	1	5	301	74	381	1071
% Class 2	0	3.6	3.8	5	4.2	0	5.6	4.1	1.7	4	0	1.5	2.9	6.3	3.3	8.3	0.9	2.6	6	2.9	3.5

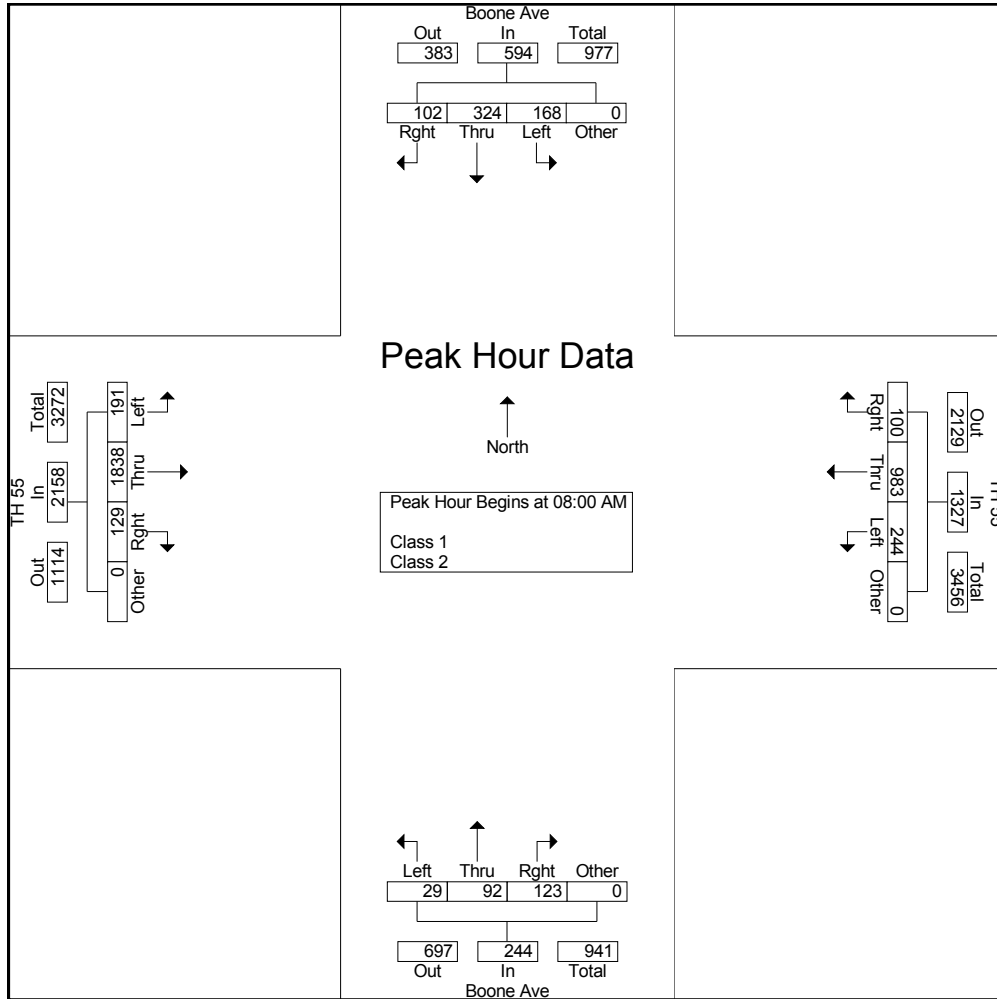
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	0	23	49	56	128	0	25	246	64	335	0	49	24	7	80	0	33	479	32	544	1087
08:15 AM	0	27	98	25	150	0	35	242	71	348	0	37	27	9	73	0	25	483	36	544	1115
08:30 AM	0	27	98	46	171	0	21	245	59	325	0	22	21	9	52	0	39	427	64	530	1078
08:45 AM	0	25	79	41	145	0	19	250	50	319	0	15	20	4	39	0	32	449	59	540	1043
Total Volume	0	102	324	168	594	0	100	983	244	1327	0	123	92	29	244	0	129	1838	191	2158	4323
% App. Total	0	17.2	54.5	28.3		0	7.5	74.1	18.4		0	50.4	37.7	11.9		0	6	85.2	8.9		
PHF	.000	.944	.827	.750	.868	.000	.714	.983	.859	.953	.000	.628	.852	.806	.763	.000	.827	.951	.746	.992	.969



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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	35	47	50	132	0	27	438	12	477	0	58	46	47	151	0	8	493	22	523	1283
05:15 PM	1	43	48	64	156	0	26	386	23	435	0	64	51	42	157	1	6	429	44	480	1228
05:30 PM	0	44	51	59	154	0	26	362	32	420	0	67	52	39	158	0	11	402	34	447	1179
05:45 PM	0	49	51	63	163	0	31	393	31	455	0	46	39	35	120	1	6	432	46	485	1223
Total Volume	1	171	197	236	605	0	110	1579	98	1787	0	235	188	163	586	2	31	1756	146	1935	4913
% App. Total	0.2	28.3	32.6	39		0	6.2	88.4	5.5		0	40.1	32.1	27.8		0.1	1.6	90.7	7.5		
PHF	.250	.872	.966	.922	.928	.000	.887	.901	.766	.937	.000	.877	.904	.867	.927	.500	.705	.890	.793	.925	.957

