

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Boone Ave N /General Mills Blvd
 Ref.Pt.: 184.558
 Alliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : 58_TH 55 at Boone Ave_011811
 Site Code : 00000058
 Start Date : 1/18/2011
 Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Boone Ave N Southbound				TH-55 Westbound				General Mills Blvd N Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	3	4	5	0	7	71	4	0	3	3	3	0	8	125	6	0	242
06:15	4	8	6	0	12	105	11	0	4	4	5	0	9	151	7	0	326
06:30	8	11	7	0	15	140	11	0	5	8	1	0	17	270	19	0	512
06:45	16	19	12	0	20	195	20	0	2	7	14	0	21	344	29	0	699
Total	31	42	30	0	54	511	46	0	14	22	23	0	55	890	61	0	1779
07:00	12	24	12	0	23	161	11	0	2	4	9	0	12	428	27	0	725
07:15	20	26	12	0	46	192	10	0	5	11	7	0	14	535	37	0	915
07:30	20	38	17	0	56	229	16	0	12	19	19	0	34	525	36	0	1021
07:45	27	44	23	0	47	235	15	0	15	18	3	0	26	474	47	0	974
Total	79	132	64	0	172	817	52	0	34	52	38	0	86	1962	147	0	3635
08:00	16	37	12	0	47	213	9	0	10	15	11	0	20	450	41	0	881
08:15	11	54	23	0	47	229	12	0	7	28	2	0	13	420	52	0	898
08:30	14	32	9	0	36	170	9	0	8	16	5	0	13	319	24	0	655
08:45	13	26	22	0	47	184	21	0	11	17	6	0	32	344	25	0	748
Total	54	149	66	0	177	796	51	0	36	76	24	0	78	1533	142	0	3182
09:00	14	23	24	0	20	158	13	0	11	17	9	0	28	225	13	1	556
09:15	21	23	22	0	12	160	10	0	9	15	13	0	28	255	17	0	585
*** BREAK ***																	
Total	35	46	46	0	32	318	23	0	20	32	22	0	56	480	30	1	1141
*** BREAK ***																	
10:30	19	18	15	0	14	153	19	0	10	6	8	0	31	157	4	0	454
10:45	13	18	24	0	7	127	4	0	12	10	16	0	30	163	7	0	431
Total	32	36	39	0	21	280	23	0	22	16	24	0	61	320	11	0	885
11:00	15	21	21	0	17	177	17	0	15	19	11	0	28	152	10	0	503
11:15	16	25	31	0	14	150	18	0	18	15	14	0	34	181	10	0	526
11:30	24	25	29	0	17	196	23	0	19	10	29	0	30	199	8	0	609
11:45	17	25	24	0	17	187	14	0	18	13	15	0	47	203	7	0	587
Total	72	96	105	0	65	710	72	0	70	57	69	0	139	735	35	0	2225
12:00	18	25	18	0	22	198	17	0	19	11	9	0	25	218	8	0	588
12:15	19	15	15	0	25	178	11	0	16	14	15	0	40	166	6	0	520
12:30	33	25	22	0	26	191	13	0	11	18	19	0	27	197	11	0	593
12:45	27	21	26	0	13	180	14	0	18	15	7	0	32	211	4	0	568
Total	97	86	81	0	86	747	55	0	64	58	50	0	124	792	29	0	2269
13:00	21	27	30	0	26	202	12	1	14	12	7	0	24	203	4	0	583
13:15	7	17	16	0	17	155	11	0	12	18	9	0	36	197	4	0	499
*** BREAK ***																	
Total	28	44	46	0	43	357	23	1	26	30	16	0	60	400	8	0	1082
*** BREAK ***																	
14:30	19	17	16	0	9	206	19	0	13	17	5	0	19	196	12	0	548
14:45	10	16	11	0	11	208	13	0	15	14	11	0	16	200	7	0	532
Total	29	33	27	0	20	414	32	0	28	31	16	0	35	396	19	0	1080
15:00	42	24	17	0	5	221	13	0	17	16	7	0	28	279	7	0	676
15:15	24	17	12	0	13	246	7	0	20	18	10	0	30	285	6	0	688
15:30	21	25	33	0	11	330	11	0	17	15	20	0	15	378	9	0	885
15:45	15	18	26	0	12	276	16	0	20	17	14	0	20	308	10	0	752
Total	102	84	88	0	41	1073	47	0	74	66	51	0	93	1250	32	0	3001

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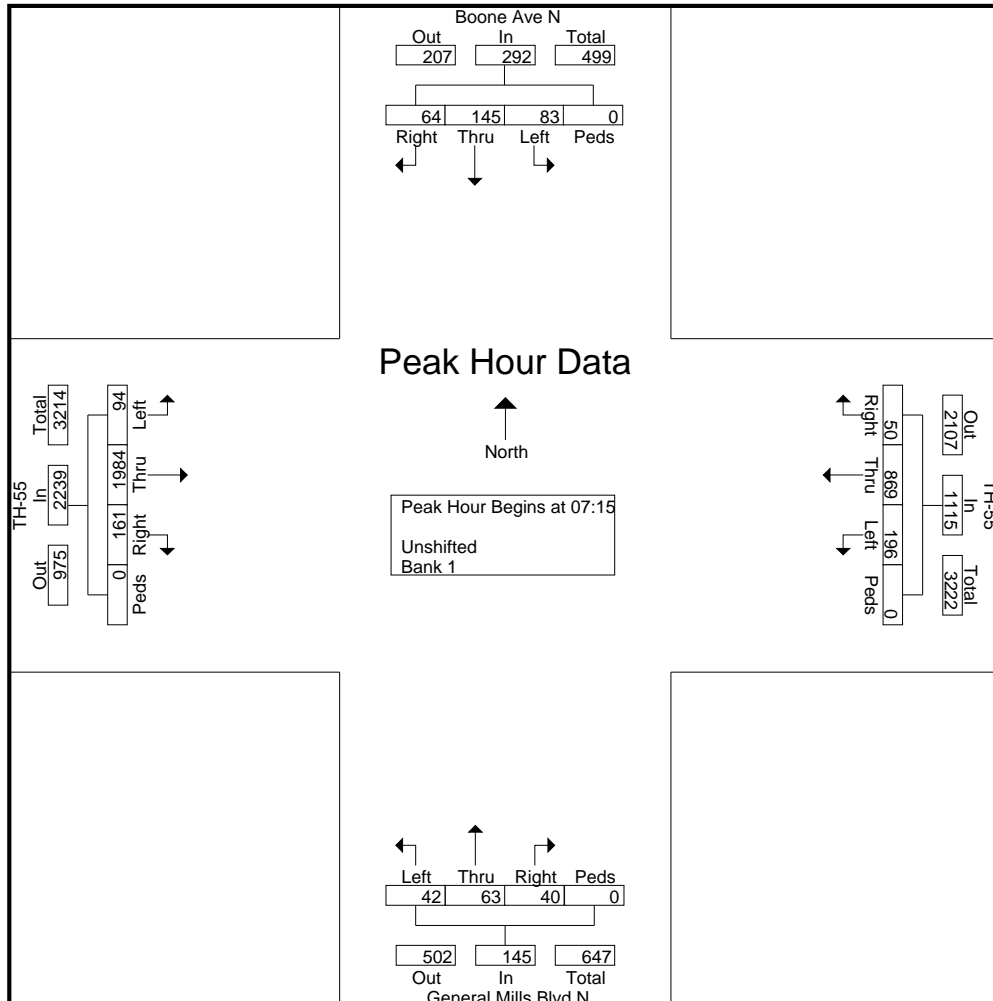
Start Time	Boone Ave N Southbound				TH-55 Westbound				General Mills Blvd N Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	40	19	41	0	21	369	15	0	44	20	23	0	26	358	5	0	981
16:15	42	22	37	0	20	399	17	0	48	17	31	0	26	385	8	0	1052
16:30	36	48	49	0	19	418	17	0	60	18	46	0	40	364	7	0	1122
16:45	24	43	27	0	14	452	16	0	65	19	54	0	36	399	8	0	1157
Total	142	132	154	0	74	1638	65	0	217	74	154	0	128	1506	28	0	4312
17:00	54	54	47	0	38	542	13	0	61	46	51	0	22	426	7	0	1361
17:15	31	67	42	0	19	518	20	0	55	69	78	0	46	519	14	0	1478
17:30	25	33	23	0	33	595	15	0	44	39	77	0	45	403	6	0	1338
17:45	31	26	14	0	22	448	15	0	30	30	47	0	42	312	4	0	1021
Total	141	180	126	0	112	2103	63	0	190	184	253	0	155	1660	31	0	5198
Grand Total	842	1060	872	0	897	9764	552	1	795	698	740	0	1070	11924	573	1	29789
Apprch %	30.4	38.2	31.4	0	8	87.1	4.9	0	35.6	31.3	33.1	0	7.9	87.9	4.2	0	
Total %	2.8	3.6	2.9	0	3	32.8	1.9	0	2.7	2.3	2.5	0	3.6	40	1.9	0	
Unshifted	784	1019	843	0	887	9545	535	1	723	672	735	0	1027	11703	567	1	29042
% Unshifted	93.1	96.1	96.7	0	98.9	97.8	96.9	100	90.9	96.3	99.3	0	96	98.1	99	100	97.5
Bank 1	58	41	29	0	10	219	17	0	72	26	5	0	43	221	6	0	747
% Bank 1	6.9	3.9	3.3	0	1.1	2.2	3.1	0	9.1	3.7	0.7	0	4	1.9	1	0	2.5

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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	20	26	12	0	58	46	192	10	0	248	5	11	7	0	23	14	535	37	0	586	915
07:30	20	38	17	0	75	56	229	16	0	301	12	19	19	0	50	34	525	36	0	595	1021
07:45	27	44	23	0	94	47	235	15	0	297	15	18	3	0	36	26	474	47	0	547	974
08:00	16	37	12	0	65	47	213	9	0	269	10	15	11	0	36	20	450	41	0	511	881
Total Volume	83	145	64	0	292	196	869	50	0	1115	42	63	40	0	145	94	1984	161	0	2239	3791
% App. Total	28.4	49.7	21.9	0		17.6	77.9	4.5	0		29	43.4	27.6	0		4.2	88.6	7.2	0		
PHF	.769	.824	.696	.000	.777	.875	.924	.781	.000	.926	.700	.829	.526	.000	.725	.691	.927	.856	.000	.941	.928



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Start Time	Boone Ave N Southbound					TH-55 Westbound					General Mills Blvd N Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	24	43	27	0	94	14	452	16	0	482	65	19	54	0	138	36	399	8	0	443	1157
17:00	54	54	47	0	155	38	542	13	0	593	61	46	51	0	158	22	426	7	0	455	1361
17:15	31	67	42	0	140	19	518	20	0	557	55	69	78	0	202	46	519	14	0	579	1478
17:30	25	33	23	0	81	33	595	15	0	643	44	39	77	0	160	45	403	6	0	454	1338
Total Volume	134	197	139	0	470	104	2107	64	0	2275	225	173	260	0	658	149	1747	35	0	1931	5334
% App. Total	28.5	41.9	29.6	0		4.6	92.6	2.8	0		34.2	26.3	39.5	0		7.7	90.5	1.8	0		
PHF	.620	.735	.739	.000	.758	.684	.885	.800	.000	.885	.865	.627	.833	.000	.814	.810	.842	.625	.000	.834	.902

