

# Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at TH-100  
Ref.Pt.: 186.622  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 65\_TH 55 at TH 100\_011911  
Site Code : 00000065  
Start Date : 1/19/2011  
Page No : 1

SINGLE POINT INTERSECTION  
EBR not seen very well  
EBR volumes low due to poor view

### Groups Printed- Unshifted - Bank 1

Start Time	TH-100 Southbound				TH-55 Westbound				TH-100 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	11	1	18	0	19	32	3	0	39	0	15	0	19	74	7	0	238
06:15	35	0	57	0	25	49	9	0	30	0	15	0	17	66	6	0	309
06:30	47	0	84	0	16	90	6	0	47	0	25	0	9	137	14	0	475
06:45	82	0	75	0	41	58	6	0	80	1	69	0	36	224	13	0	685
Total	175	1	234	0	101	229	24	0	196	1	124	0	81	501	40	0	1707
07:00	73	0	79	0	24	60	8	0	86	0	48	0	37	230	10	0	655
07:15	80	0	105	0	28	83	13	0	98	0	70	0	47	340	32	0	896
07:30	94	0	66	0	52	116	7	0	103	0	86	0	46	431	60	0	1061
07:45	92	0	43	0	47	112	9	0	121	0	94	0	54	557	32	0	1161
Total	339	0	293	0	151	371	37	0	408	0	298	0	184	1558	134	0	3773
08:00	106	0	62	0	36	103	13	0	127	0	84	0	42	450	35	0	1058
08:15	139	0	62	0	40	126	19	0	133	0	82	0	45	415	26	0	1087
08:30	90	0	110	0	38	108	19	0	87	0	88	0	36	347	4	0	927
08:45	101	0	83	0	32	87	25	0	127	0	96	0	76	321	14	0	962
Total	436	0	317	0	146	424	76	0	474	0	350	0	199	1533	79	0	4034
09:00	58	0	30	0	28	87	7	0	109	0	93	0	33	225	17	0	687
09:15	69	0	54	0	41	48	12	0	122	0	62	0	34	198	8	0	648
*** BREAK ***																	
Total	127	0	84	0	69	135	19	0	231	0	155	0	67	423	25	0	1335
*** BREAK ***																	
10:30	18	1	28	0	16	52	11	0	72	1	40	0	31	59	10	0	339
10:45	24	0	25	0	40	53	9	0	61	0	33	0	31	75	7	0	358
Total	42	1	53	0	56	105	20	0	133	1	73	0	62	134	17	0	697
11:00	14	0	14	0	40	57	13	0	68	0	27	0	40	97	1	0	371
11:15	24	0	24	0	36	66	12	0	84	1	41	0	32	80	19	0	419
11:30	22	0	26	0	44	58	13	0	74	0	25	0	51	69	1	0	383
11:45	23	0	30	0	48	93	11	0	101	0	34	0	37	102	20	0	499
Total	83	0	94	0	168	274	49	0	327	1	127	0	160	348	41	0	1672
12:00	34	0	36	0	40	93	22	0	93	0	32	0	43	95	17	0	505
12:15	36	0	22	0	50	103	12	0	75	0	35	0	37	101	8	0	479
12:30	27	0	19	0	53	75	15	0	71	0	33	0	47	116	6	0	462
12:45	35	0	22	0	52	79	14	0	82	0	33	0	43	105	16	0	481
Total	132	0	99	0	195	350	63	0	321	0	133	0	170	417	47	0	1927
13:00	37	1	21	0	26	50	11	0	75	0	39	0	32	86	7	0	385
13:15	28	0	30	0	31	85	14	0	74	0	33	0	32	84	1	0	412
*** BREAK ***																	
Total	65	1	51	0	57	135	25	0	149	0	72	0	64	170	8	0	797
*** BREAK ***																	
14:30	21	0	24	0	52	110	19	0	84	0	38	0	65	128	25	0	566
14:45	34	0	33	0	35	88	22	0	87	0	57	0	61	114	28	0	559
Total	55	0	57	0	87	198	41	0	171	0	95	0	126	242	53	0	1125
15:00	48	0	34	0	38	114	26	0	68	0	29	0	88	121	15	0	581
15:15	42	0	43	0	40	122	24	0	96	0	63	0	101	173	38	0	742
15:30	32	0	31	0	66	155	22	0	74	0	45	0	93	215	48	0	781
15:45	45	0	23	0	44	145	17	0	105	0	44	0	87	208	34	0	752
Total	167	0	131	0	188	536	89	0	343	0	181	0	369	717	135	0	2856

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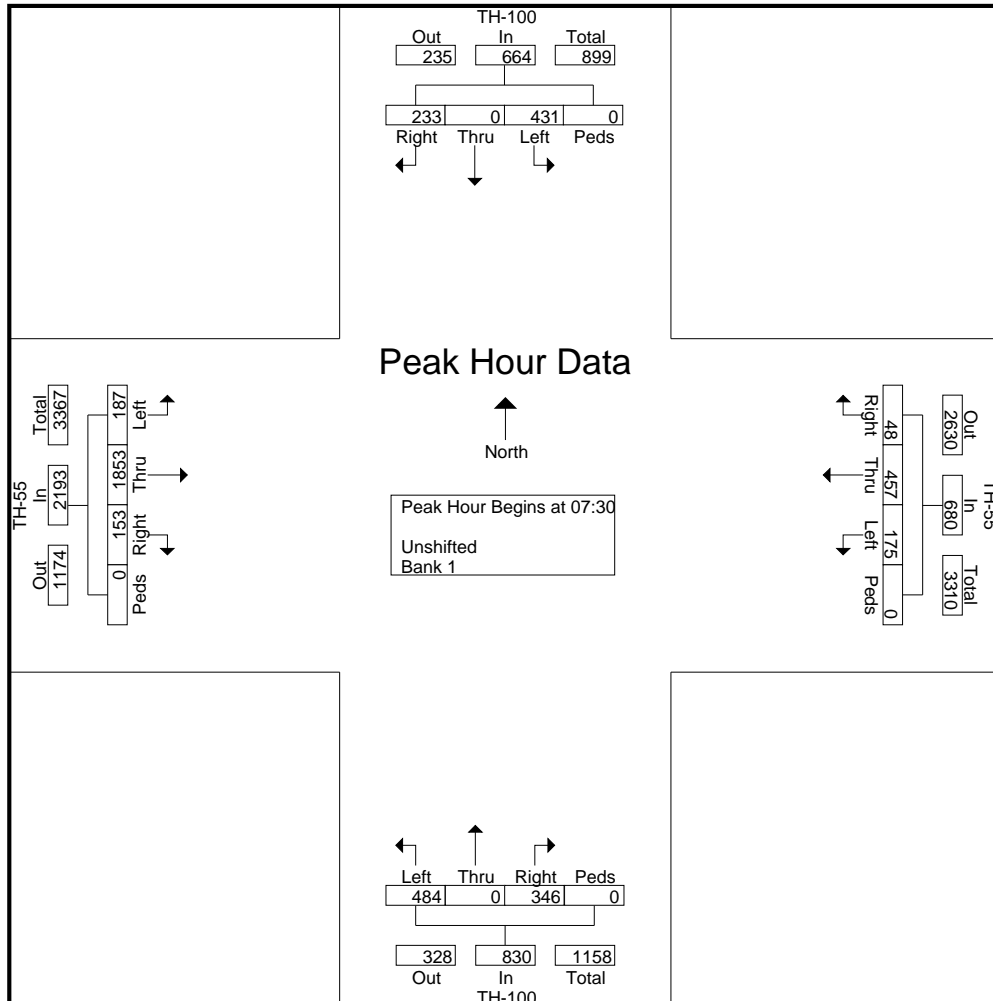
Start Time	TH-100 Southbound				TH-55 Westbound				TH-100 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	34	0	19	0	51	141	17	0	78	0	47	0	63	173	46	0	669
16:15	37	0	19	0	67	209	29	0	107	0	42	0	110	238	47	0	905
16:30	53	0	27	0	76	176	57	0	115	0	30	0	98	221	48	0	901
16:45	35	0	18	0	74	225	32	0	91	0	51	0	69	243	51	0	889
Total	159	0	83	0	268	751	135	0	391	0	170	0	340	875	192	0	3364
17:00	38	0	17	0	131	249	62	0	97	0	37	0	50	174	47	0	902
17:15	57	0	19	0	128	308	46	0	109	0	68	0	72	355	90	0	1252
17:30	43	0	16	0	114	278	32	0	95	1	63	0	116	297	57	0	1112
17:45	45	0	25	0	103	255	29	0	90	0	61	0	83	236	31	0	958
Total	183	0	77	0	476	1090	169	0	391	1	229	0	321	1062	225	0	4224
Grand Total	1963	3	1573	0	1962	4598	747	0	3535	4	2007	0	2143	7980	996	0	27511
Apprch %	55.5	0.1	44.4	0	26.9	62.9	10.2	0	63.7	0.1	36.2	0	19.3	71.8	9	0	
Total %	7.1	0	5.7	0	7.1	16.7	2.7	0	12.8	0	7.3	0	7.8	29	3.6	0	
Unshifted	1907	3	1536	0	1921	4476	709	0	3426	3	1948	0	2073	7775	986	0	26763
% Unshifted	97.1	100	97.6	0	97.9	97.3	94.9	0	96.9	75	97.1	0	96.7	97.4	99	0	97.3
Bank 1	56	0	37	0	41	122	38	0	109	1	59	0	70	205	10	0	748
% Bank 1	2.9	0	2.4	0	2.1	2.7	5.1	0	3.1	25	2.9	0	3.3	2.6	1	0	2.7

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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 07:30																					
07:30	94	0	66	0	160	52	116	7	0	175	103	0	86	0	189	46	431	60	0	537	1061
07:45	92	0	43	0	135	47	112	9	0	168	121	0	94	0	215	54	557	32	0	643	1161
08:00	106	0	62	0	168	36	103	13	0	152	127	0	84	0	211	42	450	35	0	527	1058
08:15	139	0	62	0	201	40	126	19	0	185	133	0	82	0	215	45	415	26	0	486	1087
Total Volume	431	0	233	0	664	175	457	48	0	680	484	0	346	0	830	187	1853	153	0	2193	4367
% App. Total	64.9	0	35.1	0		25.7	67.2	7.1	0		58.3	0	41.7	0		8.5	84.5	7	0		
PHF	.775	.000	.883	.000	.826	.841	.907	.632	.000	.919	.910	.000	.920	.000	.965	.866	.832	.638	.000	.853	.940



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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 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	38	0	17	0	55	131	249	62	0	442	97	0	37	0	134	50	174	47	0	271	902
17:15	57	0	19	0	76	128	308	46	0	482	109	0	68	0	177	72	355	90	0	517	1252
17:30	43	0	16	0	59	114	278	32	0	424	95	1	63	0	159	116	297	57	0	470	1112
17:45	45	0	25	0	70	103	255	29	0	387	90	0	61	0	151	83	236	31	0	350	958
Total Volume	183	0	77	0	260	476	1090	169	0	1735	391	1	229	0	621	321	1062	225	0	1608	4224
% App. Total	70.4	0	29.6	0		27.4	62.8	9.7	0		63	0.2	36.9	0		20	66	14	0		
PHF	.803	.000	.770	.000	.855	.908	.885	.681	.000	.900	.897	.250	.842	.000	.877	.692	.748	.625	.000	.778	.843

