

# Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Co.Rd.101 (W jct) / Sioux Drive  
Ref.Pt.; 176.411  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 33\_TH 55 at CR 101 W Jct\_012711  
Site Code : 00000033  
Start Date : 1/27/2011  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	Co.Rd. 101 north Southbound				TH-55 Westbound				Sioux Drive Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	36	3	2	0	0	47	6	0	0	2	2	0	3	271	1	0	373
06:15	38	3	8	0	0	70	13	0	0	1	2	0	2	287	0	0	424
06:30	113	2	12	0	0	104	18	0	0	2	6	0	4	377	2	0	640
06:45	115	5	11	0	3	116	23	0	2	3	9	0	6	383	1	0	677
Total	302	13	33	0	3	337	60	0	2	8	19	0	15	1318	4	0	2114
07:00	147	14	10	0	3	86	32	0	0	24	16	0	4	452	2	0	790
07:15	203	39	13	0	1	96	43	0	0	22	10	0	6	482	4	0	919
07:30	216	44	19	0	1	114	15	0	1	24	15	0	7	496	2	0	954
07:45	223	14	19	0	7	120	27	0	2	3	4	0	4	413	4	0	840
Total	789	111	61	0	12	416	117	0	3	73	45	0	21	1843	12	0	3503
08:00	167	33	14	0	7	117	22	0	1	6	5	0	7	401	5	0	785
08:15	136	13	9	0	3	102	23	0	0	5	3	0	5	326	2	0	627
08:30	106	19	4	0	2	105	28	0	2	11	8	0	6	292	0	0	583
08:45	111	14	9	0	3	94	31	0	2	8	2	0	7	273	3	0	557
Total	520	79	36	0	15	418	104	0	5	30	18	0	25	1292	10	0	2552
09:00	70	22	4	0	3	75	28	0	2	9	1	0	2	187	2	0	405
09:15	61	5	6	0	1	86	23	0	1	10	6	0	3	171	7	0	380
*** BREAK ***																	
Total	131	27	10	0	4	161	51	0	3	19	7	0	5	358	9	0	785
*** BREAK ***																	
10:30	48	4	11	0	4	124	38	1	1	7	1	0	1	106	6	0	352
10:45	44	11	7	0	2	106	29	0	5	11	2	0	5	133	1	0	356
Total	92	15	18	0	6	230	67	1	6	18	3	0	6	239	7	0	708
11:00	44	5	10	0	4	125	30	1	1	10	0	0	13	98	4	0	345
11:15	61	2	4	0	2	84	48	0	2	4	8	0	2	143	10	0	370
11:30	40	9	7	0	1	119	40	0	6	3	2	0	4	134	3	0	368
11:45	50	13	2	0	3	137	27	0	1	18	1	0	6	109	3	0	370
Total	195	29	23	0	10	465	145	1	10	35	11	0	25	484	20	0	1453
12:00	41	13	5	0	1	145	19	0	0	6	2	0	11	140	5	0	388
12:15	37	6	9	0	2	189	21	0	2	3	1	0	9	129	1	0	409
12:30	47	5	5	0	2	162	37	0	1	10	0	0	5	170	1	0	445
12:45	33	11	8	0	10	198	39	0	0	5	1	0	3	117	2	1	428
Total	158	35	27	0	15	694	116	0	3	24	4	0	28	556	9	1	1670
13:00	44	7	5	1	2	211	37	0	2	5	0	0	9	133	1	0	457
13:15	54	5	7	0	0	152	16	0	2	8	2	0	24	134	3	0	407
*** BREAK ***																	
Total	98	12	12	1	2	363	53	0	4	13	2	0	33	267	4	0	864
*** BREAK ***																	
14:30	42	13	13	0	7	192	58	0	8	17	4	0	3	114	3	0	474
14:45	38	16	9	0	3	225	75	0	2	15	2	0	10	98	1	0	494
Total	80	29	22	0	10	417	133	0	10	32	6	0	13	212	4	0	968
15:00	46	14	5	0	2	219	44	0	3	16	4	0	7	122	1	0	483
15:15	62	10	7	0	5	284	77	0	2	11	0	0	10	167	4	0	639
15:30	32	16	12	0	1	383	103	0	6	12	1	0	14	151	3	0	734
15:45	46	12	4	0	4	328	138	0	7	16	5	0	5	107	3	0	675
Total	186	52	28	0	12	1214	362	0	18	55	10	0	36	547	11	0	2531

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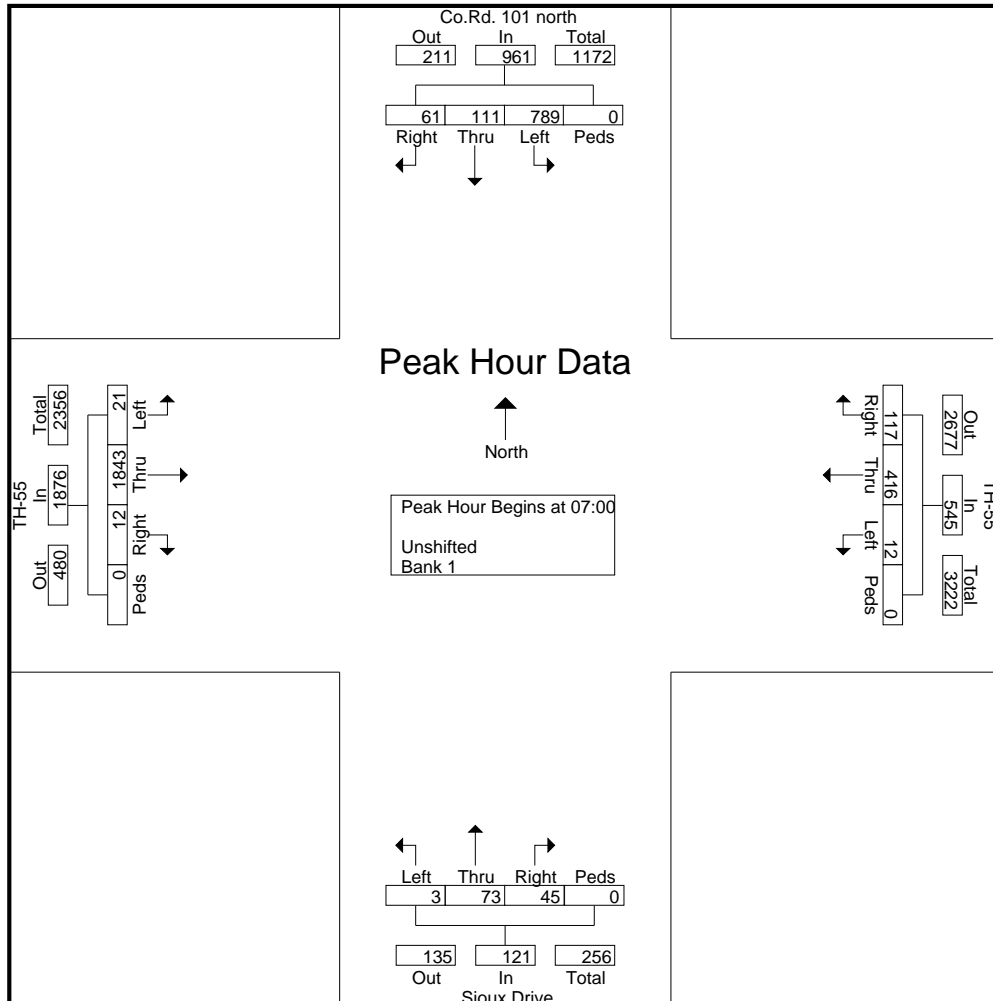
Start Time	Co.Rd. 101 north Southbound				TH-55 Westbound				Sioux Drive Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	44	11	11	0	2	371	117	0	6	18	6	0	7	108	3	0	704
16:15	53	9	14	0	3	428	129	0	6	21	1	0	8	137	3	0	812
16:30	46	14	9	0	1	455	142	0	3	16	5	0	19	166	6	0	882
16:45	66	13	8	0	1	437	156	0	4	16	4	0	16	151	4	0	876
Total	209	47	42	0	7	1691	544	0	19	71	16	0	50	562	16	0	3274
17:00	58	6	12	0	1	397	189	0	2	18	8	0	19	181	3	0	894
17:15	56	24	15	0	0	472	179	0	0	19	0	0	13	156	4	0	938
17:30	64	7	6	0	2	388	161	0	2	16	7	0	8	148	0	0	809
17:45	51	20	6	0	2	327	116	0	3	10	2	0	8	108	2	0	655
Total	229	57	39	0	5	1584	645	0	7	63	17	0	48	593	9	0	3296
Grand Total	2989	506	351	1	101	7990	2397	2	90	441	158	0	305	8271	115	1	23718
Apprch %	77.7	13.2	9.1	0	1	76.2	22.9	0	13.1	64	22.9	0	3.5	95.2	1.3	0	
Total %	12.6	2.1	1.5	0	0.4	33.7	10.1	0	0.4	1.9	0.7	0	1.3	34.9	0.5	0	
Unshifted	2942	499	332	1	96	7812	2346	2	89	439	155	0	298	8076	107	1	23195
% Unshifted	98.4	98.6	94.6	100	95	97.8	97.9	100	98.9	99.5	98.1	0	97.7	97.6	93	100	97.8
Bank 1	47	7	19	0	5	178	51	0	1	2	3	0	7	195	8	0	523
% Bank 1	1.6	1.4	5.4	0	5	2.2	2.1	0	1.1	0.5	1.9	0	2.3	2.4	7	0	2.2

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Start Time	Co.Rd. 101 north Southbound					TH-55 Westbound					Sioux Drive 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 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	147	14	10	0	171	3	86	32	0	121	0	24	16	0	40	4	452	2	0	458	790
07:15	203	39	13	0	255	1	96	43	0	140	0	22	10	0	32	6	482	4	0	492	919
07:30	216	44	19	0	279	1	114	15	0	130	1	24	15	0	40	7	496	2	0	505	954
07:45	223	14	19	0	256	7	120	27	0	154	2	3	4	0	9	4	413	4	0	421	840
Total Volume	789	111	61	0	961	12	416	117	0	545	3	73	45	0	121	21	1843	12	0	1876	3503
% App. Total	82.1	11.6	6.3	0		2.2	76.3	21.5	0		2.5	60.3	37.2	0		1.1	98.2	0.6	0		
PHF	.885	.631	.803	.000	.861	.429	.867	.680	.000	.885	.375	.760	.703	.000	.756	.750	.929	.750	.000	.929	.918



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Start Time	Co.Rd. 101 north Southbound					TH-55 Westbound					Sioux Drive 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 16:30																					
16:30	46	14	9	0	69	1	455	142	0	598	3	16	5	0	24	19	166	6	0	191	882
16:45	66	13	8	0	87	1	437	156	0	594	4	16	4	0	24	16	151	4	0	171	876
17:00	58	6	12	0	76	1	397	189	0	587	2	18	8	0	28	19	181	3	0	203	894
17:15	56	24	15	0	95	0	472	179	0	651	0	19	0	0	19	13	156	4	0	173	938
Total Volume	226	57	44	0	327	3	1761	666	0	2430	9	69	17	0	95	67	654	17	0	738	3590
% App. Total	69.1	17.4	13.5	0		0.1	72.5	27.4	0		9.5	72.6	17.9	0		9.1	88.6	2.3	0		
PHF	.856	.594	.733	.000	.861	.750	.933	.881	.000	.933	.563	.908	.531	.000	.848	.882	.903	.708	.000	.909	.957

