

# Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at TH-149 / Dodd Rd , south jct  
 Ref.Pt.: 002.906 (TH-149)  
 Alliant Engineering Inc.  
 TURN MOVEMENT COUNT

File Name : 09\_TH 55 at TH 149(S JCT)\_021810  
 Site Code : 00000009  
 Start Date : 2/18/2010  
 Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	Holiday Lane Southbound				TH-55 Westbound				TH-149 / Dodd Rd Northbound				TH-55 / TH-149 / Dodd Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	6	2	3	0	3	86	10	0	63	5	0	0	8	29	49	0	264
06:15	5	6	15	0	3	133	14	0	88	16	1	0	9	35	69	0	394
06:30	5	7	13	0	5	131	41	1	131	12	1	0	8	43	100	0	498
06:45	3	9	12	0	8	184	20	0	172	17	2	0	7	53	129	0	616
Total	19	24	43	0	19	534	85	1	454	50	4	0	32	160	347	0	1772
07:00	2	13	23	0	13	232	30	1	161	40	3	0	9	40	115	0	682
07:15	1	13	21	0	4	269	28	0	210	33	2	0	19	45	121	0	766
07:30	7	8	18	0	9	197	17	0	227	46	6	0	14	56	121	0	726
07:45	11	4	42	0	9	269	29	0	206	61	3	0	14	55	133	5	841
Total	21	38	104	0	35	967	104	1	804	180	14	0	56	196	490	5	3015
08:00	6	11	16	0	4	154	17	0	151	27	7	0	7	58	134	0	592
08:15	2	8	26	0	9	182	20	0	130	22	3	0	7	53	124	0	586
08:30	1	4	15	0	4	129	17	0	123	15	2	0	11	61	100	1	483
08:45	4	7	25	0	5	122	22	0	115	13	0	0	5	54	120	0	492
Total	13	30	82	0	22	587	76	0	519	77	12	0	30	226	478	1	2153
09:00	1	3	18	0	3	101	13	0	63	9	0	0	14	44	81	0	350
09:15	4	19	13	0	3	110	9	0	81	13	0	0	9	38	65	0	364
*** BREAK ***																	
Total	5	22	31	0	6	211	22	0	144	22	0	0	23	82	146	0	714
*** BREAK ***																	
10:30	4	6	15	0	6	86	13	0	67	8	1	0	16	24	22	0	268
10:45	7	13	11	0	2	79	13	0	34	10	0	0	6	46	48	0	269
Total	11	19	26	0	8	165	26	0	101	18	1	0	22	70	70	0	537
11:00	4	8	16	0	5	71	18	0	59	12	0	0	13	51	56	0	313
11:15	5	17	12	0	6	94	15	0	57	7	2	0	4	60	56	0	335
11:30	3	17	20	0	6	104	15	0	62	13	4	0	10	40	66	0	360
11:45	1	13	29	0	5	79	15	1	52	13	1	0	11	58	71	0	349
Total	13	55	77	0	22	348	63	1	230	45	7	0	38	209	249	0	1357
12:00	3	26	25	0	5	116	13	0	62	7	0	0	24	43	58	0	382
12:15	7	19	33	0	5	94	25	0	70	15	4	0	10	49	65	0	396
12:30	8	17	35	0	2	110	19	0	86	18	2	0	16	66	79	0	458
12:45	9	11	31	0	5	93	20	0	80	17	2	0	8	32	79	0	387
Total	27	73	124	0	17	413	77	0	298	57	8	0	58	190	281	0	1623
13:00	5	9	26	0	10	87	14	0	75	26	7	0	15	55	62	0	391
13:15	3	17	24	0	3	89	17	0	52	19	3	0	8	40	52	0	327
*** BREAK ***																	
Total	8	26	50	0	13	176	31	0	127	45	10	0	23	95	114	0	718
*** BREAK ***																	
14:30	6	8	19	0	6	52	14	0	96	16	8	0	4	63	64	0	356
14:45	7	12	24	0	4	106	19	1	74	23	9	0	4	81	85	0	449
Total	13	20	43	0	10	158	33	1	170	39	17	0	8	144	149	0	805
15:00	4	28	21	0	2	92	17	0	100	16	5	0	11	77	83	0	456
15:15	10	17	14	0	3	70	32	1	106	17	5	0	10	106	104	0	495
15:30	16	23	22	2	3	118	21	1	92	15	6	0	14	132	104	0	569
15:45	20	29	18	0	6	97	17	0	109	16	5	0	13	112	87	0	529
Total	50	97	75	2	14	377	87	2	407	64	21	0	48	427	378	0	2049

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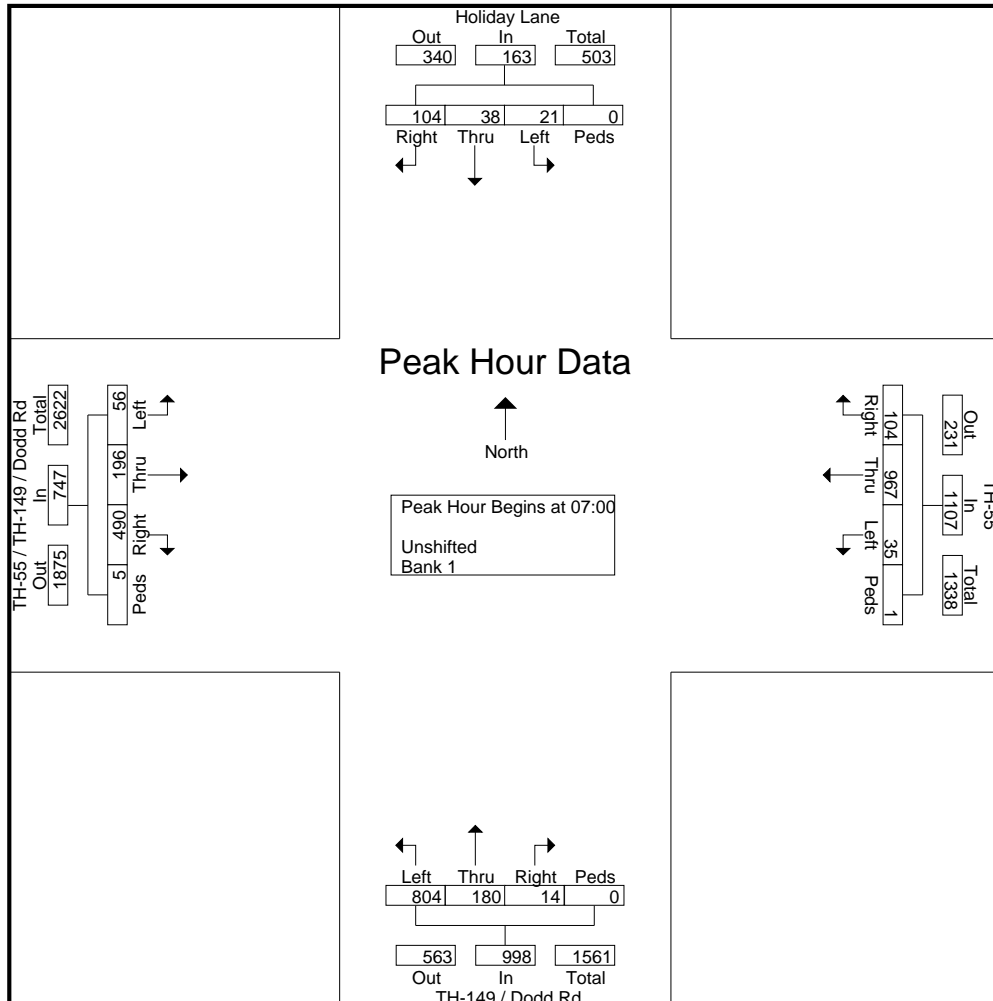
Start Time	Holiday Lane Southbound				TH-55 Westbound				TH-149 / Dodd Rd Northbound				TH-55 / TH-149 / Dodd Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	9	25	18	0	5	89	24	0	149	21	5	0	12	167	99	0	623
16:15	14	25	21	0	4	101	22	0	168	21	12	0	12	162	130	0	692
16:30	15	20	17	0	3	96	23	1	176	12	5	0	13	213	147	0	741
16:45	17	31	24	0	3	105	19	0	187	25	9	0	14	181	150	3	768
Total	55	101	80	0	15	391	88	1	680	79	31	0	51	723	526	3	2824
17:00	6	34	36	0	2	123	24	0	202	24	5	0	17	193	158	0	824
17:15	10	31	33	0	6	121	16	0	221	29	5	0	8	164	166	0	810
17:30	4	25	28	0	8	108	19	0	191	21	6	0	4	116	167	0	697
17:45	9	18	24	0	4	107	20	0	135	21	4	0	22	111	127	0	602
Total	29	108	121	0	20	459	79	0	749	95	20	0	51	584	618	0	2933
Grand Total	264	613	856	2	201	4786	771	7	4683	771	145	0	440	3106	3846	9	20500
Apprch %	15.2	35.3	49.3	0.1	3.5	83	13.4	0.1	83.6	13.8	2.6	0	5.9	42	52	0.1	
Total %	1.3	3	4.2	0	1	23.3	3.8	0	22.8	3.8	0.7	0	2.1	15.2	18.8	0	
Unshifted	255	595	834	2	197	4670	760	7	4486	737	142	0	426	3046	3631	9	19797
% Unshifted	96.6	97.1	97.4	100	98	97.6	98.6	100	95.8	95.6	97.9	0	96.8	98.1	94.4	100	96.6
Bank 1	9	18	22	0	4	116	11	0	197	34	3	0	14	60	215	0	703
% Bank 1	3.4	2.9	2.6	0	2	2.4	1.4	0	4.2	4.4	2.1	0	3.2	1.9	5.6	0	3.4

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Start Time	Holiday Lane Southbound					TH-55 Westbound					TH-149 / Dodd Rd Northbound					TH-55 / TH-149 / Dodd Rd 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	2	13	23	0	38	13	232	30	1	276	161	40	3	0	204	9	40	115	0	164	682
07:15	1	13	21	0	35	4	269	28	0	301	210	33	2	0	245	19	45	121	0	185	766
07:30	7	8	18	0	33	9	197	17	0	223	227	46	6	0	279	14	56	121	0	191	726
07:45	11	4	42	0	57	9	269	29	0	307	206	61	3	0	270	14	55	133	5	207	841
Total Volume	21	38	104	0	163	35	967	104	1	1107	804	180	14	0	998	56	196	490	5	747	3015
% App. Total	12.9	23.3	63.8	0		3.2	87.4	9.4	0.1		80.6	18	1.4	0		7.5	26.2	65.6	0.7		
PHF	.477	.731	.619	.000	.715	.673	.899	.867	.250	.901	.885	.738	.583	.000	.894	.737	.875	.921	.250	.902	.896



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Start Time	Holiday Lane Southbound					TH-55 Westbound					TH-149 / Dodd Rd Northbound					TH-55 / TH-149 / Dodd Rd 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 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	15	20	17	0	52	3	96	23	1	123	176	12	5	0	193	13	213	147	0	373	741
16:45	17	31	24	0	72	3	105	19	0	127	187	25	9	0	221	14	181	150	3	348	768
17:00	6	34	36	0	76	2	123	24	0	149	202	24	5	0	231	17	193	158	0	368	824
17:15	10	31	33	0	74	6	121	16	0	143	221	29	5	0	255	8	164	166	0	338	810
Total Volume	48	116	110	0	274	14	445	82	1	542	786	90	24	0	900	52	751	621	3	1427	3143
% App. Total	17.5	42.3	40.1	0		2.6	82.1	15.1	0.2		87.3	10	2.7	0		3.6	52.6	43.5	0.2		
PHF	.706	.853	.764	.000	.901	.583	.904	.854	.250	.909	.889	.776	.667	.000	.882	.765	.881	.935	.250	.956	.954

