

# Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Clydesdale Trail  
Ref.Pt.: 176.030  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 32\_TH 55 at Clydesdale Trail\_012711  
Site Code : 00000032  
Start Date : 1/27/2011  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	Clydesdale Trail Southbound				TH-55 Westbound				South frontage road Northbound				TH-55 Eastbound				Int. Total	
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds		
06:00	2	1	0	0	0	49	0	0	0	0	0	0	0	3	269	0	0	324
06:15	1	0	3	0	0	78	0	0	0	0	0	0	0	4	289	0	0	375
06:30	1	1	3	0	0	114	2	0	0	0	0	0	0	6	358	0	0	485
06:45	0	0	5	0	0	127	2	0	0	0	0	0	0	2	375	0	0	511
Total	4	2	11	0	0	368	4	0	0	0	0	0	0	15	1291	0	0	1695
07:00	0	0	4	0	1	90	5	0	0	0	0	0	0	4	328	1	0	433
07:15	4	0	3	0	0	105	4	0	0	0	0	0	0	11	380	2	0	509
07:30	6	1	5	0	3	126	5	0	0	0	0	0	0	10	428	2	0	586
07:45	7	1	2	0	0	136	5	0	0	2	0	0	0	14	371	3	0	541
Total	17	2	14	0	4	457	19	0	0	2	0	0	0	39	1507	8	0	2069
08:00	5	0	10	0	2	127	3	0	0	0	0	0	0	13	364	0	0	524
08:15	5	0	11	0	0	105	6	0	0	0	0	1	0	11	291	1	0	431
08:30	3	0	3	0	5	102	4	0	0	0	0	0	0	8	271	1	0	397
08:45	3	0	5	0	3	96	6	0	0	0	0	0	0	6	221	1	0	341
Total	16	0	29	0	10	430	19	0	0	0	0	1	0	38	1147	3	0	1693
09:00	1	0	6	0	1	76	4	0	0	0	0	0	0	11	196	0	0	295
09:15	5	1	10	0	3	79	11	0	0	0	0	0	0	9	158	1	0	277
*** BREAK ***																		
Total	6	1	16	0	4	155	15	0	0	0	0	0	0	20	354	1	0	572
*** BREAK ***																		
10:30	5	1	9	0	1	130	5	0	0	0	0	0	0	4	120	1	0	276
10:45	3	0	10	0	1	112	5	0	0	0	0	0	0	4	118	1	0	254
Total	8	1	19	0	2	242	10	0	0	0	0	0	0	8	238	2	0	530
11:00	9	0	9	0	0	134	2	0	1	0	0	0	0	20	108	1	0	284
11:15	15	0	10	0	3	82	5	0	0	0	0	0	0	14	140	0	0	269
11:30	7	0	17	0	1	127	4	0	0	0	0	0	0	22	126	0	0	304
11:45	4	0	12	0	2	129	9	0	1	0	0	0	0	23	127	1	0	308
Total	35	0	48	0	6	472	20	0	2	0	0	0	0	79	501	2	0	1165
12:00	8	0	16	0	0	136	14	0	1	2	0	0	0	19	128	0	0	324
12:15	5	0	20	0	2	191	7	0	0	0	0	0	0	3	145	1	0	374
12:30	11	0	19	0	0	158	10	0	2	0	0	0	0	10	124	1	0	335
12:45	9	0	11	0	4	199	3	0	0	0	0	0	0	10	130	0	0	366
Total	33	0	66	0	6	684	34	0	3	2	0	0	0	42	527	2	0	1399
13:00	10	0	20	0	4	203	11	0	1	0	0	0	0	11	115	0	0	375
13:15	5	1	15	0	4	148	9	0	1	0	0	0	0	9	124	0	0	316
*** BREAK ***																		
Total	15	1	35	0	8	351	20	0	2	0	0	0	0	20	239	0	0	691
*** BREAK ***																		
14:30	3	1	24	0	1	204	8	0	0	0	0	0	0	11	111	0	0	363
14:45	7	0	16	0	0	226	10	0	0	0	0	0	0	4	102	2	0	367
Total	10	1	40	0	1	430	18	0	0	0	0	0	0	15	213	2	0	730
15:00	6	0	14	0	2	209	16	0	1	0	0	0	0	9	158	0	0	415
15:15	13	0	18	0	0	281	12	0	2	0	0	0	0	5	143	1	0	475
15:30	9	0	19	0	1	384	16	0	0	0	0	0	0	4	124	0	0	557
15:45	6	0	22	0	0	327	12	0	1	0	0	0	0	19	107	0	0	494
Total	34	0	73	0	3	1201	56	0	4	0	0	0	0	37	532	1	0	1941

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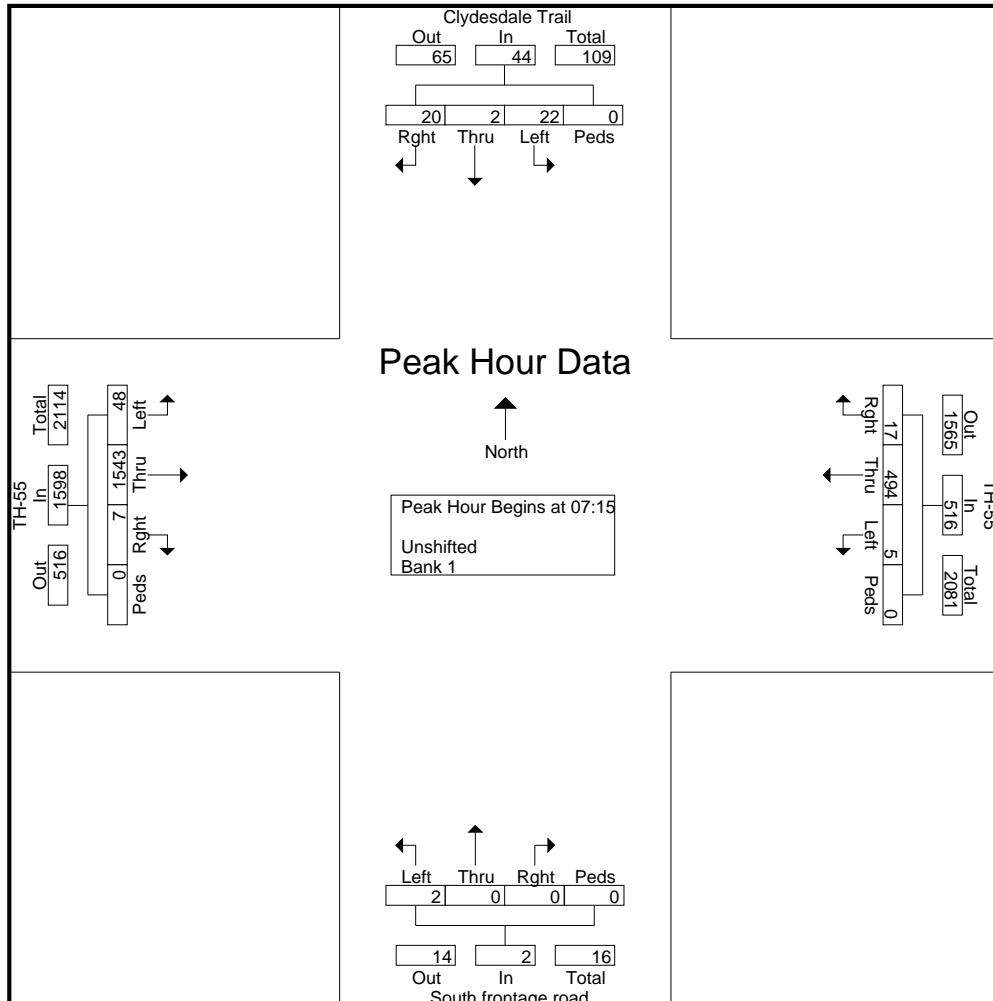
Start Time	Clydesdale Trail Southbound				TH-55 Westbound				South frontage road Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
16:00	9	0	15	0	0	376	12	0	0	0	0	0	12	125	0	0	549
16:15	5	0	15	0	4	420	24	0	0	0	1	0	9	116	1	0	595
16:30	20	0	35	0	1	438	28	0	4	0	0	0	13	185	0	0	724
16:45	10	0	24	0	0	432	17	0	1	0	0	0	12	150	1	0	647
Total	44	0	89	0	5	1666	81	0	5	0	1	0	46	576	2	0	2515
17:00	10	0	19	0	0	396	15	0	6	0	0	0	20	178	0	0	644
17:15	6	0	28	0	0	473	14	0	3	0	0	0	15	164	1	0	704
17:30	8	0	15	0	0	388	8	0	0	0	0	0	10	117	0	0	546
17:45	6	0	26	0	0	326	10	0	0	0	0	0	9	107	0	0	484
Total	30	0	88	0	0	1583	47	0	9	0	0	0	54	566	1	0	2378
Grand Total	252	8	528	0	49	8039	343	0	27	2	2	0	413	7691	24	0	17378
Apprch %	32	1	67	0	0.6	95.4	4.1	0	87.1	6.5	6.5	0	5.1	94.6	0.3	0	
Total %	1.5	0	3	0	0.3	46.3	2	0	0.2	0	0	0	2.4	44.3	0.1	0	
Unshifted	247	8	525	0	45	7848	340	0	25	2	2	0	410	7489	21	0	16962
% Unshifted	98	100	99.4	0	91.8	97.6	99.1	0	92.6	100	100	0	99.3	97.4	87.5	0	97.6
Bank 1	5	0	3	0	4	191	3	0	2	0	0	0	3	202	3	0	416
% Bank 1	2	0	0.6	0	8.2	2.4	0.9	0	7.4	0	0	0	0.7	2.6	12.5	0	2.4

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Start Time	Clydesdale Trail Southbound					TH-55 Westbound					South frontage road Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	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	4	0	3	0	7	0	105	4	0	109	0	0	0	0	0	11	380	2	0	393	509
07:30	6	1	5	0	12	3	126	5	0	134	0	0	0	0	0	10	428	2	0	440	586
07:45	7	1	2	0	10	0	136	5	0	141	2	0	0	0	2	14	371	3	0	388	541
08:00	5	0	10	0	15	2	127	3	0	132	0	0	0	0	0	13	364	0	0	377	524
Total Volume	22	2	20	0	44	5	494	17	0	516	2	0	0	0	2	48	1543	7	0	1598	2160
% App. Total	50	4.5	45.5	0		1	95.7	3.3	0		100	0	0	0		3	96.6	0.4	0		
PHF	.786	.500	.500	.000	.733	.417	.908	.850	.000	.915	.250	.000	.000	.000	.250	.857	.901	.583	.000	.908	.922



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Start Time	Clydesdale Trail Southbound					TH-55 Westbound					South frontage road Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	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	20	0	35	0	55	1	438	28	0	467	4	0	0	0	4	13	185	0	0	198	724
16:45	10	0	24	0	34	0	432	17	0	449	1	0	0	0	1	12	150	1	0	163	647
17:00	10	0	19	0	29	0	396	15	0	411	6	0	0	0	6	20	178	0	0	198	644
17:15	6	0	28	0	34	0	473	14	0	487	3	0	0	0	3	15	164	1	0	180	704
Total Volume	46	0	106	0	152	1	1739	74	0	1814	14	0	0	0	14	60	677	2	0	739	2719
% App. Total	30.3	0	69.7	0		0.1	95.9	4.1	0		100	0	0	0		8.1	91.6	0.3	0		
PHF	.575	.000	.757	.000	.691	.250	.919	.661	.000	.931	.583	.000	.000	.000	.583	.750	.915	.500	.000	.933	.939

