

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Fernbrook Lane
Ref.Pt.: 180.286
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 44_TH 55 at Fernbrook Ln_012511
Site Code : 00000044
Start Date : 1/25/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH-55 Southbound				Fernbrook Lane Westbound				TH-55 Northbound				Fernbrook Lane Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	23	13	5	0	25	90	16	0	0	4	24	0	14	210	5	2	431
06:15	37	19	8	0	39	136	27	0	1	5	7	0	10	334	5	0	628
06:30	44	34	16	0	46	176	28	1	0	11	5	0	12	470	8	0	851
06:45	66	44	14	0	59	250	52	0	0	7	6	0	18	500	8	0	1024
Total	170	110	43	0	169	652	123	1	1	27	42	0	54	1514	26	2	2934
07:00	82	37	11	0	48	229	49	0	5	11	11	0	15	580	16	0	1094
07:15	76	57	10	0	41	181	58	0	0	17	7	0	13	584	9	0	1053
07:30	126	86	19	0	50	191	65	0	5	23	14	0	14	483	23	0	1099
07:45	143	110	14	0	42	256	80	0	3	13	17	0	19	636	19	0	1352
Total	427	290	54	0	181	857	252	0	13	64	49	0	61	2283	67	0	4598
08:00	110	72	12	1	52	189	61	0	5	18	22	0	25	618	23	0	1208
08:15	99	49	8	0	58	187	71	0	11	18	16	0	28	498	16	0	1059
08:30	109	47	10	0	49	216	79	0	7	15	17	0	24	426	11	0	1010
08:45	94	36	9	0	36	199	106	0	8	15	23	0	21	364	11	0	922
Total	412	204	39	1	195	791	317	0	31	66	78	0	98	1906	61	0	4199
09:00	76	20	10	0	48	196	97	0	1	14	18	0	14	317	14	0	825
09:15	77	19	11	0	35	174	66	0	8	17	23	0	18	253	9	0	710
*** BREAK ***																	
Total	153	39	21	0	83	370	163	0	9	31	41	0	32	570	23	0	1535
*** BREAK ***																	
10:30	44	15	9	0	46	179	67	0	8	11	39	0	8	200	9	1	636
10:45	63	20	14	0	28	214	49	0	4	16	25	0	19	246	15	0	713
Total	107	35	23	0	74	393	116	0	12	27	64	0	27	446	24	1	1349
11:00	58	20	13	0	36	210	56	0	9	21	45	0	13	231	22	0	734
11:15	71	25	12	0	44	213	66	0	16	34	52	0	25	277	16	0	851
11:30	68	24	19	0	40	268	82	0	14	37	61	0	30	247	26	0	916
11:45	60	38	31	0	48	260	82	0	19	42	49	0	33	259	31	1	953
Total	257	107	75	0	168	951	286	0	58	134	207	0	101	1014	95	1	3454
12:00	85	38	35	0	69	250	91	0	26	37	70	0	25	212	28	0	966
12:15	69	47	24	0	66	246	63	0	19	46	58	0	19	264	38	0	959
12:30	73	48	25	0	65	244	71	0	14	25	70	0	28	238	22	0	923
12:45	78	54	18	0	73	244	55	0	20	25	51	0	21	272	30	0	941
Total	305	187	102	0	273	984	280	0	79	133	249	0	93	986	118	0	3789
13:00	74	40	10	0	50	213	75	5	8	26	66	0	15	226	26	0	834
13:15	88	34	15	0	56	239	59	0	18	29	69	0	27	287	27	0	948
*** BREAK ***																	
Total	162	74	25	0	106	452	134	5	26	55	135	0	42	513	53	0	1782
*** BREAK ***																	
14:30	54	35	31	0	16	320	53	0	13	32	73	0	27	309	11	0	974
14:45	79	29	29	0	33	331	72	0	12	18	51	0	24	276	21	0	975
Total	133	64	60	0	49	651	125	0	25	50	124	0	51	585	32	0	1949
15:00	71	26	20	0	27	338	53	0	12	44	84	0	15	289	11	0	990
15:15	61	23	35	0	31	398	77	0	9	20	47	0	18	263	16	0	998
15:30	78	27	23	0	23	376	71	0	18	73	94	0	28	354	14	0	1179
15:45	64	24	20	0	30	445	93	0	14	43	53	0	19	254	10	0	1069
Total	274	100	98	0	111	1557	294	0	53	180	278	0	80	1160	51	0	4236

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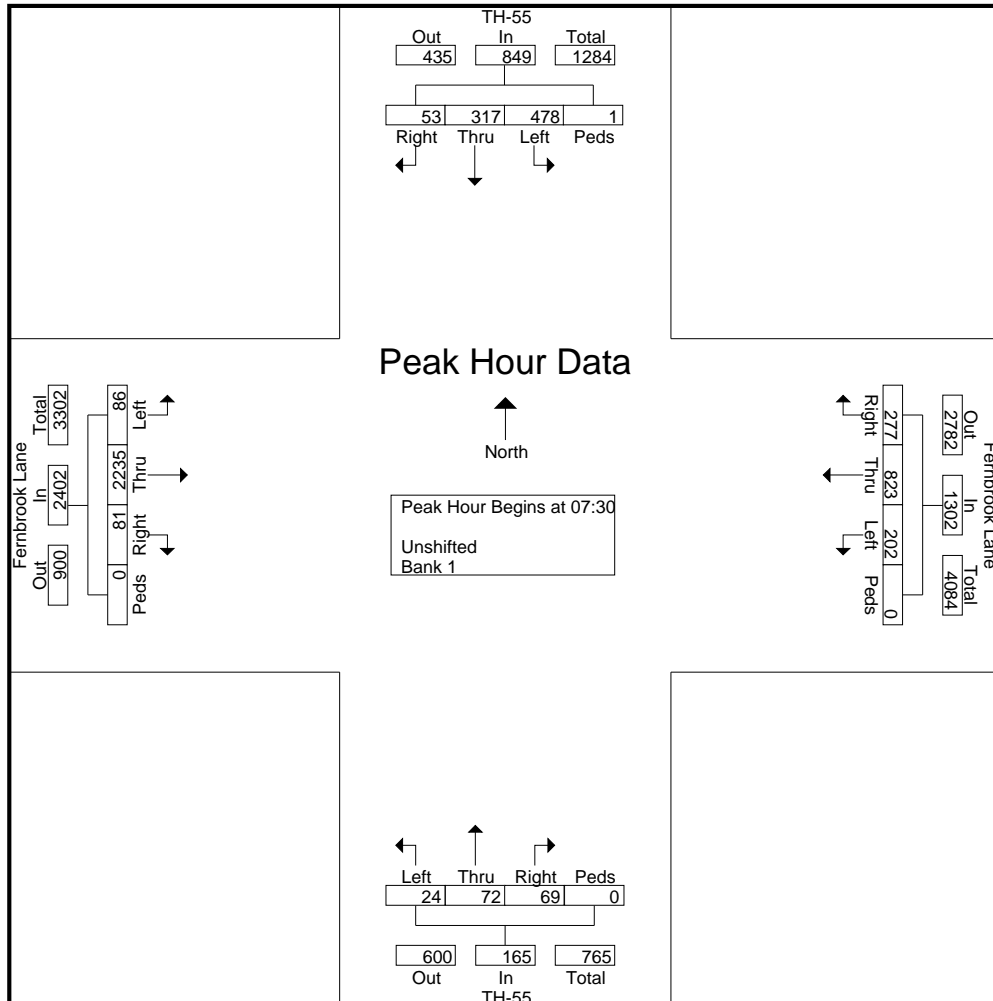
Start Time	TH-55 Southbound				Fernbrook Lane Westbound				TH-55 Northbound				Fernbrook Lane Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	97	22	32	0	20	459	95	0	15	58	107	0	22	324	10	0	1261
16:15	69	29	28	0	24	494	107	0	35	71	86	0	18	317	23	1	1302
16:30	80	15	27	0	20	415	106	0	24	94	112	0	20	370	9	1	1293
16:45	78	20	25	0	9	504	126	0	26	77	66	0	23	314	9	0	1277
Total	324	86	112	0	73	1872	434	0	100	300	371	0	83	1325	51	2	5133
17:00	122	22	24	0	23	491	115	0	29	94	119	0	25	346	13	0	1423
17:15	100	31	33	0	18	514	138	0	30	68	64	0	26	298	9	0	1329
17:30	78	21	23	0	13	493	125	0	35	70	63	0	21	292	16	0	1250
17:45	58	22	29	0	23	530	133	0	10	46	41	0	21	246	13	0	1172
Total	358	96	109	0	77	2028	511	0	104	278	287	0	93	1182	51	0	5174
Grand Total	3082	1392	761	1	1559	11558	3035	6	511	1345	1925	0	815	13484	652	6	40132
Apprch %	58.9	26.6	14.5	0	9.6	71.5	18.8	0	13.5	35.6	50.9	0	5.4	90.2	4.4	0	
Total %	7.7	3.5	1.9	0	3.9	28.8	7.6	0	1.3	3.4	4.8	0	2	33.6	1.6	0	
Unshifted	3008	1355	742	1	1494	11186	2966	6	494	1290	1831	0	784	13087	624	5	38873
% Unshifted	97.6	97.3	97.5	100	95.8	96.8	97.7	100	96.7	95.9	95.1	0	96.2	97.1	95.7	83.3	96.9
Bank 1	74	37	19	0	65	372	69	0	17	55	94	0	31	397	28	1	1259
% Bank 1	2.4	2.7	2.5	0	4.2	3.2	2.3	0	3.3	4.1	4.9	0	3.8	2.9	4.3	16.7	3.1

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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	126	86	19	0	231	50	191	65	0	306	5	23	14	0	42	14	483	23	0	520	1099
07:45	143	110	14	0	267	42	256	80	0	378	3	13	17	0	33	19	636	19	0	674	1352
08:00	110	72	12	1	195	52	189	61	0	302	5	18	22	0	45	25	618	23	0	666	1208
08:15	99	49	8	0	156	58	187	71	0	316	11	18	16	0	45	28	498	16	0	542	1059
Total Volume	478	317	53	1	849	202	823	277	0	1302	24	72	69	0	165	86	2235	81	0	2402	4718
% App. Total	56.3	37.3	6.2	0.1		15.5	63.2	21.3	0		14.5	43.6	41.8	0		3.6	93	3.4	0		
PHF	.836	.720	.697	.250	.795	.871	.804	.866	.000	.861	.545	.783	.784	.000	.917	.768	.879	.880	.000	.891	.872



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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 16:30																					
16:30	80	15	27	0	122	20	415	106	0	541	24	94	112	0	230	20	370	9	1	400	1293
16:45	78	20	25	0	123	9	504	126	0	639	26	77	66	0	169	23	314	9	0	346	1277
17:00	122	22	24	0	168	23	491	115	0	629	29	94	119	0	242	25	346	13	0	384	1423
17:15	100	31	33	0	164	18	514	138	0	670	30	68	64	0	162	26	298	9	0	333	1329
Total Volume	380	88	109	0	577	70	1924	485	0	2479	109	333	361	0	803	94	1328	40	1	1463	5322
% App. Total	65.9	15.3	18.9	0		2.8	77.6	19.6	0		13.6	41.5	45	0		6.4	90.8	2.7	0.1		
PHF	.779	.710	.826	.000	.859	.761	.936	.879	.000	.925	.908	.886	.758	.000	.830	.904	.897	.769	.250	.914	.935

