

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Medicine Lake Drive
Ref.Pt.: 182.818
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 55_TH 55 at Medicine Lake Dr_012011
Site Code : 00000055
Start Date : 1/20/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Medicine Lake Drive W Southbound				TH-55 Westbound				Medicine Lake Dr / south frontage rd Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	24	0	3	0	0	89	4	0	0	0	0	0	2	156	0	0	278
06:15	26	1	1	0	0	159	2	0	0	0	0	0	0	225	0	0	414
06:30	32	1	4	0	1	233	0	1	0	1	0	0	1	242	0	0	516
06:45	36	0	8	0	2	307	6	0	0	0	0	0	1	359	1	0	720
Total	118	2	16	0	3	788	12	1	0	1	0	0	4	982	1	0	1928
07:00	44	2	5	0	4	172	31	1	0	0	1	0	2	511	1	0	774
07:15	70	1	4	0	13	246	4	0	0	0	0	0	2	550	1	0	891
07:30	84	2	13	0	4	291	12	0	0	0	2	0	5	599	1	0	1013
07:45	82	6	12	0	6	373	5	0	0	0	3	0	1	574	2	0	1064
Total	280	11	34	0	27	1082	52	1	0	0	6	0	10	2234	5	0	3742
08:00	77	7	8	0	9	291	11	0	0	1	2	0	5	487	2	0	900
08:15	73	4	15	0	14	274	10	0	4	0	6	0	4	474	3	0	881
08:30	32	1	16	0	3	237	7	0	0	1	4	0	13	338	0	0	652
08:45	37	2	15	0	2	305	12	0	0	0	2	0	5	389	0	0	769
Total	219	14	54	0	28	1107	40	0	4	2	14	0	27	1688	5	0	3202
09:00	42	0	4	0	2	243	13	0	0	3	1	0	7	267	2	0	584
09:15	33	3	7	0	3	222	10	0	0	0	0	0	2	228	0	1	509
*** BREAK ***																	
Total	75	3	11	0	5	465	23	0	0	3	1	0	9	495	2	1	1093
*** BREAK ***																	
10:30	14	1	7	0	3	162	13	0	0	1	2	0	4	171	2	0	380
10:45	17	0	8	0	1	168	15	0	0	0	1	0	9	165	3	0	387
Total	31	1	15	0	4	330	28	0	0	1	3	0	13	336	5	0	767
11:00	19	0	6	0	0	160	11	0	0	0	5	0	9	182	0	0	392
11:15	15	0	15	0	1	208	16	0	0	0	2	0	8	209	3	0	477
11:30	11	0	18	0	0	210	19	0	0	0	2	0	13	232	1	0	506
11:45	15	0	22	0	1	227	21	0	1	0	2	0	13	195	0	0	497
Total	60	0	61	0	2	805	67	0	1	0	11	0	43	818	4	0	1872
12:00	7	0	21	0	3	214	17	0	0	0	1	0	12	221	2	0	498
12:15	32	0	14	0	1	202	36	0	1	0	0	0	10	207	0	0	503
12:30	23	0	20	0	0	252	30	0	1	1	2	0	8	184	1	0	522
12:45	29	1	16	0	2	261	27	0	0	0	2	0	12	238	2	0	590
Total	91	1	71	0	6	929	110	0	2	1	5	0	42	850	5	0	2113
13:00	17	0	22	0	2	237	17	0	0	3	7	0	19	208	1	0	533
13:15	21	0	22	0	1	213	23	0	0	1	3	0	13	210	0	0	507
*** BREAK ***																	
Total	38	0	44	0	3	450	40	0	0	4	10	0	32	418	1	0	1040
*** BREAK ***																	
14:30	17	0	15	0	0	270	17	0	0	0	3	0	14	284	1	0	621
14:45	12	1	8	0	9	272	27	0	0	0	7	0	10	231	3	0	580
Total	29	1	23	0	9	542	44	0	0	0	10	0	24	515	4	0	1201
15:00	15	1	12	0	11	294	25	0	2	2	3	0	19	280	3	0	667
15:15	18	1	20	0	5	338	28	0	1	2	17	0	17	293	0	0	740
15:30	22	1	14	0	2	350	51	0	0	0	5	0	10	448	2	0	905
15:45	21	0	18	0	3	358	32	0	0	1	4	0	13	316	1	0	767
Total	76	3	64	0	21	1340	136	0	3	5	29	0	59	1337	6	0	3079

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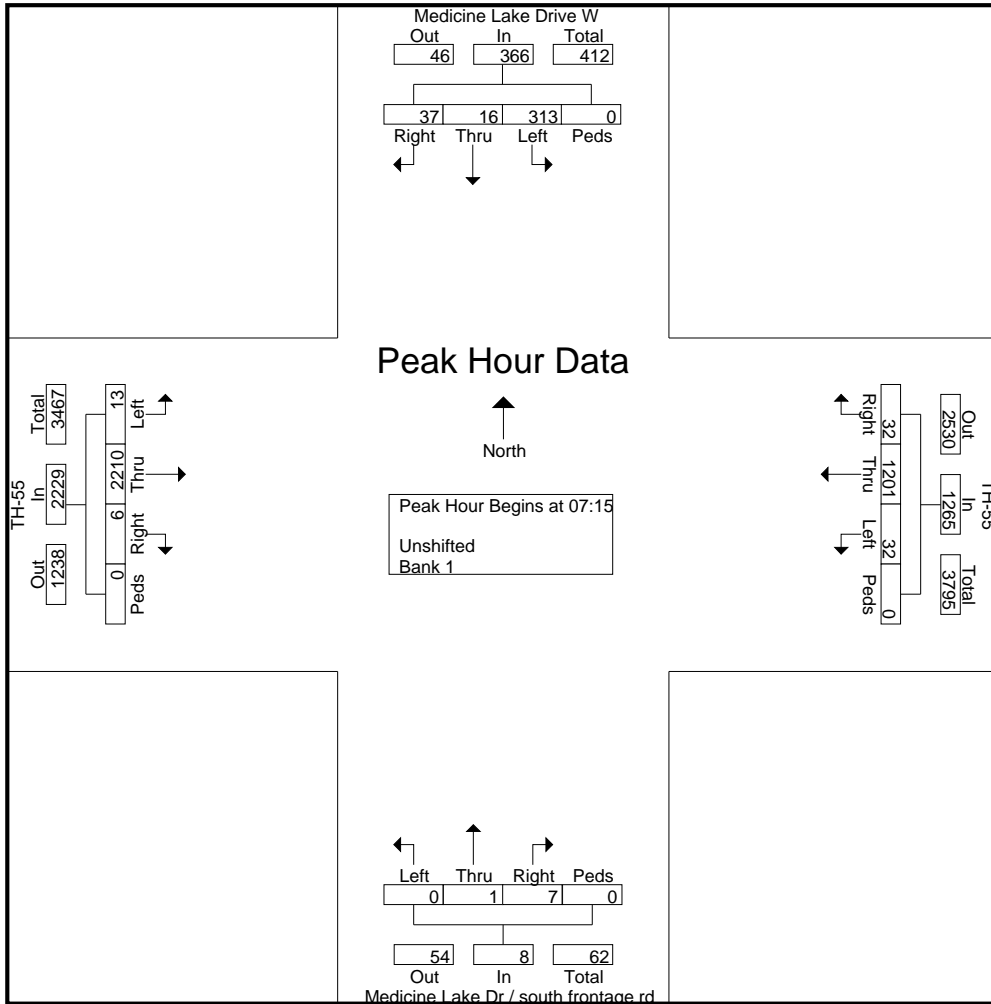
Start Time	Medicine Lake Drive W Southbound				TH-55 Westbound				Medicine Lake Dr / south frontage rd Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	30	0	19	0	0	394	36	0	2	0	2	0	14	357	0	0	854
16:15	22	3	13	0	2	412	50	0	1	1	3	0	18	316	3	0	844
16:30	16	1	25	0	1	487	35	1	2	0	4	0	9	410	0	0	991
16:45	21	1	16	0	3	514	58	0	4	3	4	0	6	369	0	0	999
Total	89	5	73	0	6	1807	179	1	9	4	13	0	47	1452	3	0	3688
17:00	21	1	19	0	2	516	45	0	2	1	10	1	15	430	1	0	1064
17:15	15	1	20	0	0	586	92	3	2	2	6	0	18	459	2	0	1206
17:30	10	0	12	0	1	552	70	0	1	1	6	0	7	359	0	0	1019
17:45	22	0	11	0	1	472	45	0	1	1	3	0	16	316	1	0	889
Total	68	2	62	0	4	2126	252	3	6	5	25	1	56	1564	4	0	4178
Grand Total	1174	43	528	0	118	11771	983	6	25	26	127	1	366	12689	45	1	27903
Apprch %	67.3	2.5	30.3	0	0.9	91.4	7.6	0	14	14.5	70.9	0.6	2.8	96.9	0.3	0	
Total %	4.2	0.2	1.9	0	0.4	42.2	3.5	0	0.1	0.1	0.5	0	1.3	45.5	0.2	0	
Unshifted	1138	41	507	0	117	11468	959	6	25	26	123	1	355	12355	42	1	27164
% Unshifted	96.9	95.3	96	0	99.2	97.4	97.6	100	100	100	96.9	100	97	97.4	93.3	100	97.4
Bank 1	36	2	21	0	1	303	24	0	0	0	4	0	11	334	3	0	739
% Bank 1	3.1	4.7	4	0	0.8	2.6	2.4	0	0	0	3.1	0	3	2.6	6.7	0	2.6

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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 07:15																					
07:15	70	1	4	0	75	13	246	4	0	263	0	0	0	0	0	2	550	1	0	553	891
07:30	84	2	13	0	99	4	291	12	0	307	0	0	2	0	2	5	599	1	0	605	1013
07:45	82	6	12	0	100	6	373	5	0	384	0	0	3	0	3	1	574	2	0	577	1064
08:00	77	7	8	0	92	9	291	11	0	311	0	1	2	0	3	5	487	2	0	494	900
Total Volume	313	16	37	0	366	32	1201	32	0	1265	0	1	7	0	8	13	2210	6	0	2229	3868
% App. Total	85.5	4.4	10.1	0		2.5	94.9	2.5	0		0	12.5	87.5	0		0.6	99.1	0.3	0		
PHF	.932	.571	.712	.000	.915	.615	.805	.667	.000	.824	.000	.250	.583	.000	.667	.650	.922	.750	.000	.921	.909



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Start Time	Medicine Lake Drive W Southbound					TH-55 Westbound					Medicine Lake Dr / south frontage rd 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 16:45																					
16:45	21	1	16	0	38	3	514	58	0	575	4	3	4	0	11	6	369	0	0	375	999
17:00	21	1	19	0	41	2	516	45	0	563	2	1	10	1	14	15	430	1	0	446	1064
17:15	15	1	20	0	36	0	586	92	3	681	2	2	6	0	10	18	459	2	0	479	1206
17:30	10	0	12	0	22	1	552	70	0	623	1	1	6	0	8	7	359	0	0	366	1019
Total Volume	67	3	67	0	137	6	2168	265	3	2442	9	7	26	1	43	46	1617	3	0	1666	4288
% App. Total	48.9	2.2	48.9	0		0.2	88.8	10.9	0.1		20.9	16.3	60.5	2.3		2.8	97.1	0.2	0		
PHF	.798	.750	.838	.000	.835	.500	.925	.720	.250	.896	.563	.583	.650	.250	.768	.639	.881	.375	.000	.870	.889

