

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Mendota Heights Rd.
Ref.Pt.: 200.611
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 04_TH 55 at Mendota Heights Rd_021610
Site Code : 00000004
Start Date : 2/16/2010
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH-55 Southbound				Mendota Heights Rd Westbound				TH-55 Northbound				Mendota Heights Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	8	71	2	0	8	2	8	0	3	124	6	0	2	7	1	0	242
06:15	9	104	11	0	7	5	14	0	3	186	12	0	1	6	1	0	359
06:30	18	150	22	0	14	23	12	0	8	210	13	0	1	2	4	0	477
06:45	15	231	22	0	20	22	14	0	6	243	20	0	1	16	8	0	618
Total	50	556	57	0	49	52	48	0	20	763	51	0	5	31	14	0	1696
07:00	26	163	20	0	20	27	25	1	3	330	26	0	2	14	5	0	662
07:15	28	190	6	0	16	23	32	0	3	370	32	0	2	26	4	0	732
07:30	38	246	19	0	27	31	36	0	5	348	30	0	1	40	10	0	831
07:45	25	280	30	0	34	44	39	0	4	310	43	0	4	35	8	0	856
Total	117	879	75	0	97	125	132	1	15	1358	131	0	9	115	27	0	3081
08:00	18	252	18	0	23	27	31	0	4	222	34	0	3	37	7	0	676
08:15	20	228	21	0	13	23	25	2	8	228	13	0	4	17	7	0	609
08:30	14	182	21	0	12	21	16	0	2	184	26	0	3	22	0	1	504
08:45	18	173	17	0	9	18	16	1	5	177	11	1	4	12	3	0	465
Total	70	835	77	0	57	89	88	3	19	811	84	1	14	88	17	1	2254
09:00	16	129	9	0	11	10	15	0	2	125	12	0	2	11	3	0	345
09:15	5	115	13	0	9	17	15	0	3	151	17	0	3	16	3	0	367
*** BREAK ***																	
Total	21	244	22	0	20	27	30	0	5	276	29	0	5	27	6	0	712
*** BREAK ***																	
10:30	17	85	5	0	14	5	7	0	3	102	17	0	3	11	2	0	271
10:45	8	88	8	0	14	11	3	0	4	91	10	0	1	13	2	0	253
Total	25	173	13	0	28	16	10	0	7	193	27	0	4	24	4	0	524
11:00	9	85	3	0	22	13	5	0	1	96	13	0	7	18	5	0	277
11:15	4	110	4	0	8	24	2	0	3	124	10	0	10	12	7	0	318
11:30	7	101	8	0	21	13	3	0	6	124	12	0	8	19	10	0	332
11:45	8	113	4	0	24	10	6	0	5	97	19	0	4	24	5	0	319
Total	28	409	19	0	75	60	16	0	15	441	54	0	29	73	27	0	1246
12:00	4	126	5	0	9	18	6	0	4	113	17	1	8	24	9	0	344
12:15	10	104	7	0	10	8	7	0	8	106	19	1	4	27	5	0	316
12:30	4	90	4	0	23	23	7	1	2	112	20	1	6	21	10	0	324
12:45	8	135	4	0	10	14	2	0	8	86	17	0	3	15	6	0	308
Total	26	455	20	0	52	63	22	1	22	417	73	3	21	87	30	0	1292
13:00	12	89	4	0	13	11	6	0	5	125	11	0	3	18	5	0	302
13:15	15	134	2	0	15	17	14	0	1	96	19	0	2	11	3	0	329
*** BREAK ***																	
Total	27	223	6	0	28	28	20	0	6	221	30	0	5	29	8	0	631
*** BREAK ***																	
14:30	12	141	2	0	15	5	6	0	1	112	13	0	9	18	5	0	339
14:45	16	150	3	0	15	11	16	0	0	108	17	0	3	11	7	0	357
Total	28	291	5	0	30	16	22	0	1	220	30	0	12	29	12	0	696
15:00	8	149	8	0	25	17	12	0	3	114	22	0	7	19	2	0	386
15:15	17	201	3	0	17	20	17	0	2	120	18	0	9	22	1	0	447
15:30	9	228	4	0	17	23	8	0	5	243	31	0	15	43	7	0	633
15:45	12	222	5	0	15	21	5	0	12	189	27	0	10	27	6	0	551
Total	46	800	20	0	74	81	42	0	22	666	98	0	41	111	16	0	2017

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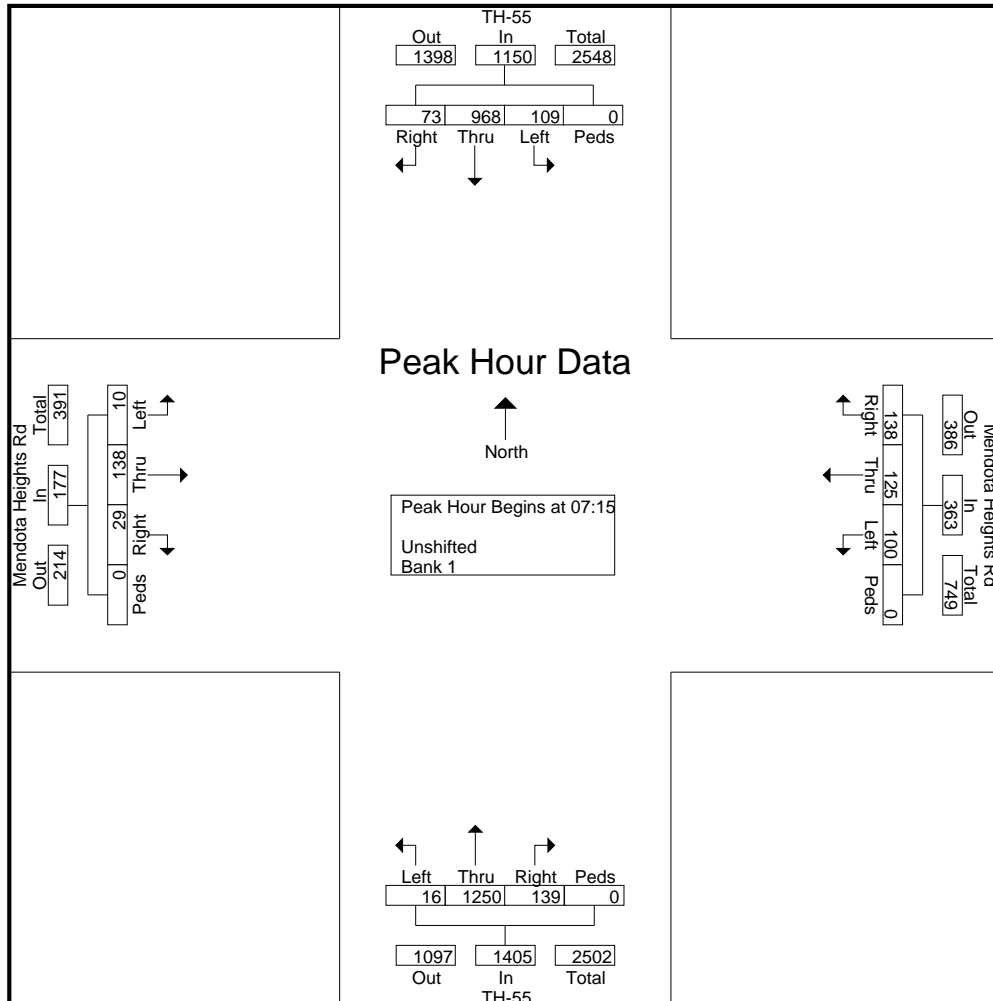
Start Time	TH-55 Southbound				Mendota Heights Rd Westbound				TH-55 Northbound				Mendota Heights Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	15	210	6	0	16	24	10	0	2	202	24	0	16	21	6	0	552
16:15	13	231	5	0	15	23	2	0	6	188	18	0	17	25	6	0	549
16:30	17	262	9	0	29	22	11	0	7	213	20	0	43	41	14	0	688
16:45	11	241	5	0	13	23	14	1	4	259	26	0	28	24	15	0	664
Total	56	944	25	0	73	92	37	1	19	862	88	0	104	111	41	0	2453
17:00	13	242	5	0	35	26	7	0	4	267	21	0	26	40	12	0	698
17:15	7	245	5	0	29	21	6	0	0	226	20	0	15	27	10	0	611
17:30	14	238	3	0	21	14	7	0	1	185	15	1	14	25	8	0	546
17:45	7	219	0	0	12	11	0	0	4	169	18	0	11	23	4	0	478
Total	41	944	13	0	97	72	20	0	9	847	74	1	66	115	34	0	2333
Grand Total	535	6753	352	0	680	721	487	6	160	7075	769	5	315	840	236	1	18935
Apprch %	7	88.4	4.6	0	35.9	38.1	25.7	0.3	2	88.3	9.6	0.1	22.6	60.3	17	0.1	
Total %	2.8	35.7	1.9	0	3.6	3.8	2.6	0	0.8	37.4	4.1	0	1.7	4.4	1.2	0	
Unshifted	519	6545	342	0	660	696	470	6	144	6703	727	5	299	773	203	1	18093
% Unshifted	97	96.9	97.2	0	97.1	96.5	96.5	100	90	94.7	94.5	100	94.9	92	86	100	95.6
Bank 1	16	208	10	0	20	25	17	0	16	372	42	0	16	67	33	0	842
% Bank 1	3	3.1	2.8	0	2.9	3.5	3.5	0	10	5.3	5.5	0	5.1	8	14	0	4.4

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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	28	190	6	0	224	16	23	32	0	71	3	370	32	0	405	2	26	4	0	32	732
07:30	38	246	19	0	303	27	31	36	0	94	5	348	30	0	383	1	40	10	0	51	831
07:45	25	280	30	0	335	34	44	39	0	117	4	310	43	0	357	4	35	8	0	47	856
08:00	18	252	18	0	288	23	27	31	0	81	4	222	34	0	260	3	37	7	0	47	676
Total Volume	109	968	73	0	1150	100	125	138	0	363	16	1250	139	0	1405	10	138	29	0	177	3095
% App. Total	9.5	84.2	6.3	0		27.5	34.4	38	0		1.1	89	9.9	0		5.6	78	16.4	0		
PHF	.717	.864	.608	.000	.858	.735	.710	.885	.000	.776	.800	.845	.808	.000	.867	.625	.863	.725	.000	.868	.904



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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 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	17	262	9	0	288	29	22	11	0	62	7	213	20	0	240	43	41	14	0	98	688
16:45	11	241	5	0	257	13	23	14	1	51	4	259	26	0	289	28	24	15	0	67	664
17:00	13	242	5	0	260	35	26	7	0	68	4	267	21	0	292	26	40	12	0	78	698
17:15	7	245	5	0	257	29	21	6	0	56	0	226	20	0	246	15	27	10	0	52	611
Total Volume	48	990	24	0	1062	106	92	38	1	237	15	965	87	0	1067	112	132	51	0	295	2661
% App. Total	4.5	93.2	2.3	0		44.7	38.8	16	0.4		1.4	90.4	8.2	0		38	44.7	17.3	0		
PHF	.706	.945	.667	.000	.922	.757	.885	.679	.250	.871	.536	.904	.837	.000	.914	.651	.805	.850	.000	.753	.953

