

# Alliant Engineering Inc Minneapolis, MN 55415

TH-13 at Mendota Heights Rd.  
Ref.Pt.: 106.367  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 03\_TH 13 at Mendota Heights Rd\_021610  
Site Code : 00000003  
Start Date : 2/16/2010  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	TH-13 Southbound				Mendota Heights Rd Westbound				TH-13 / Sibley Memorial Hwy Northbound				Sibley Memorial Highway Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	2	6	0	0	1	3	1	0	6	13	6	0	1	3	7	0	49
06:15	0	10	0	0	8	1	3	0	13	26	5	0	0	3	9	0	78
06:30	0	10	1	0	13	2	0	0	21	55	19	0	0	1	19	0	141
06:45	0	14	1	0	14	5	0	0	22	67	42	0	1	2	17	0	185
Total	2	40	2	0	36	11	4	0	62	161	72	0	2	9	52	0	453
07:00	2	7	0	0	13	5	0	0	19	67	22	0	0	2	17	0	154
07:15	3	21	0	0	16	1	1	0	15	68	33	0	1	1	12	0	172
07:30	3	41	0	0	14	3	1	0	27	105	49	0	0	4	18	0	265
07:45	3	40	0	0	12	3	0	0	19	86	45	0	1	3	38	0	250
Total	11	109	0	0	55	12	2	0	80	326	149	0	2	10	85	0	841
08:00	2	39	0	0	22	2	0	0	36	105	39	0	0	2	18	0	265
08:15	3	16	0	0	9	3	0	0	36	75	50	0	0	1	15	0	208
08:30	1	29	1	0	8	1	0	0	4	36	19	0	0	1	17	0	117
08:45	1	29	1	0	8	1	0	0	13	44	18	0	0	5	8	0	128
Total	7	113	2	0	47	7	0	0	89	260	126	0	0	9	58	0	718
09:00	2	15	0	0	2	2	0	0	7	27	7	0	0	1	8	0	71
09:15	0	11	0	0	4	1	0	0	8	20	15	0	0	0	15	0	74
*** BREAK ***																	
Total	2	26	0	0	6	3	0	0	15	47	22	0	0	1	23	0	145
*** BREAK ***																	
10:30	2	17	0	0	2	5	2	0	5	16	13	0	0	1	6	0	69
10:45	0	16	0	0	4	2	0	0	8	23	9	0	1	0	8	0	71
Total	2	33	0	0	6	7	2	0	13	39	22	0	1	1	14	0	140
11:00	1	16	0	0	7	2	1	0	10	15	7	0	0	0	4	0	63
11:15	2	27	1	0	8	4	1	0	12	32	8	0	2	0	7	0	104
11:30	1	16	1	0	4	4	2	0	16	21	12	0	1	3	3	0	84
11:45	0	24	0	0	8	3	0	0	9	26	9	0	1	3	16	0	99
Total	4	83	2	0	27	13	4	0	47	94	36	0	4	6	30	0	350
12:00	1	8	3	0	13	2	2	0	6	24	10	1	1	5	6	0	82
12:15	0	20	1	0	9	7	0	0	10	26	6	2	1	1	17	0	100
12:30	0	23	2	0	8	3	0	0	10	23	9	0	0	1	2	0	81
12:45	0	33	1	0	11	4	4	0	6	34	11	0	0	5	14	1	124
Total	1	84	7	0	41	16	6	0	32	107	36	3	2	12	39	1	387
13:00	0	20	1	0	10	5	0	0	10	18	6	0	0	7	16	0	93
13:15	2	18	2	0	16	4	3	0	4	20	11	1	1	4	9	0	95
*** BREAK ***																	
Total	2	38	3	0	26	9	3	0	14	38	17	1	1	11	25	0	188
*** BREAK ***																	
14:30	0	24	3	0	10	9	3	0	9	30	10	0	0	7	11	0	116
14:45	1	35	2	0	6	4	0	0	7	19	19	0	0	3	10	0	106
Total	1	59	5	0	16	13	3	0	16	49	29	0	0	10	21	0	222
15:00	2	26	0	0	13	3	2	0	11	18	6	0	3	0	22	0	106
15:15	2	51	1	0	13	1	0	0	16	20	9	0	1	1	13	0	128
15:30	2	60	2	0	30	7	3	0	19	32	22	0	2	11	18	0	208
15:45	0	42	1	0	32	2	3	0	17	31	21	0	0	6	26	0	181
Total	6	179	4	0	88	13	8	0	63	101	58	0	6	18	79	0	623

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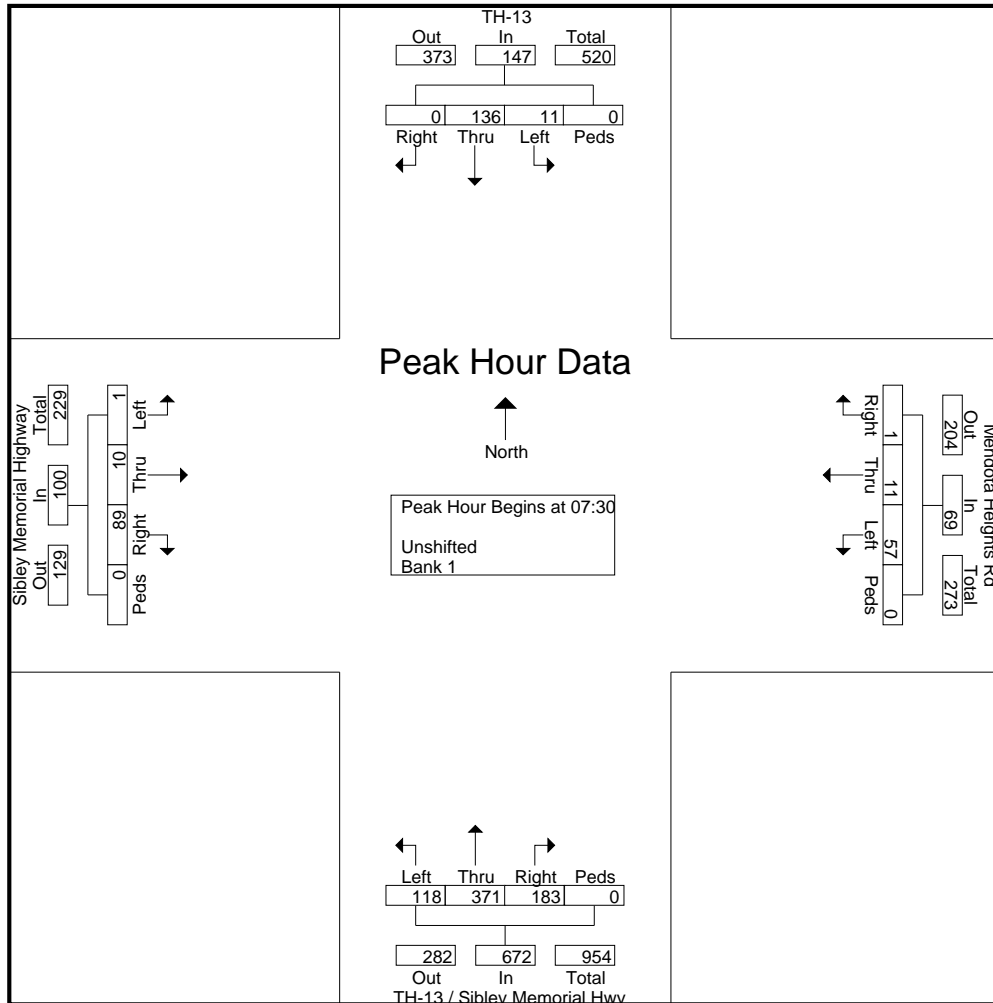
Start Time	TH-13 Southbound				Mendota Heights Rd Westbound				TH-13 / Sibley Memorial Hwy Northbound				Sibley Memorial Highway Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	1	64	1	0	40	5	4	0	22	34	18	0	0	2	17	0	208
16:15	0	72	0	0	24	1	1	0	23	34	19	0	1	2	17	0	194
16:30	0	83	1	0	55	5	2	0	27	54	18	0	1	3	37	0	286
16:45	0	100	1	0	36	5	2	0	25	57	15	0	0	1	20	0	262
Total	1	319	3	0	155	16	9	0	97	179	70	0	2	8	91	0	950
17:00	1	126	1	0	66	3	1	0	28	59	17	0	0	1	46	0	349
17:15	0	93	4	0	30	2	0	0	29	54	24	0	0	7	32	0	275
17:30	0	94	0	0	20	1	1	0	14	36	16	0	1	1	33	0	217
17:45	1	73	1	1	14	5	2	0	18	30	9	0	0	1	16	0	171
Total	2	386	6	1	130	11	4	0	89	179	66	0	1	10	127	0	1012
Grand Total	41	1469	34	1	633	131	45	0	617	1580	703	4	21	105	644	1	6029
Apprch %	2.7	95.1	2.2	0.1	78.2	16.2	5.6	0	21.2	54.4	24.2	0.1	2.7	13.6	83.5	0.1	
Total %	0.7	24.4	0.6	0	10.5	2.2	0.7	0	10.2	26.2	11.7	0.1	0.3	1.7	10.7	0	
Unshifted	41	1430	34	1	593	123	41	0	609	1545	667	4	18	100	640	1	5847
% Unshifted	100	97.3	100	100	93.7	93.9	91.1	0	98.7	97.8	94.9	100	85.7	95.2	99.4	100	97
Bank 1	0	39	0	0	40	8	4	0	8	35	36	0	3	5	4	0	182
% Bank 1	0	2.7	0	0	6.3	6.1	8.9	0	1.3	2.2	5.1	0	14.3	4.8	0.6	0	3

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Start Time	TH-13 Southbound					Mendota Heights Rd Westbound					TH-13 / Sibley Memorial Hwy Northbound					Sibley Memorial Highway 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 07:30																					
07:30	3	41	0	0	44	14	3	1	0	18	27	105	49	0	181	0	4	18	0	22	265
07:45	3	40	0	0	43	12	3	0	0	15	19	86	45	0	150	1	3	38	0	42	250
08:00	2	39	0	0	41	22	2	0	0	24	36	105	39	0	180	0	2	18	0	20	265
08:15	3	16	0	0	19	9	3	0	0	12	36	75	50	0	161	0	1	15	0	16	208
Total Volume	11	136	0	0	147	57	11	1	0	69	118	371	183	0	672	1	10	89	0	100	988
% App. Total	7.5	92.5	0	0		82.6	15.9	1.4	0		17.6	55.2	27.2	0		1	10	89	0		
PHF	.917	.829	.000	.000	.835	.648	.917	.250	.000	.719	.819	.883	.915	.000	.928	.250	.625	.586	.000	.595	.932



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Start Time	TH-13 Southbound					Mendota Heights Rd Westbound					TH-13 / Sibley Memorial Hwy Northbound					Sibley Memorial Highway 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	0	83	1	0	84	55	5	2	0	62	27	54	18	0	99	1	3	37	0	41	286
16:45	0	100	1	0	101	36	5	2	0	43	25	57	15	0	97	0	1	20	0	21	262
17:00	1	126	1	0	128	66	3	1	0	70	28	59	17	0	104	0	1	46	0	47	349
17:15	0	93	4	0	97	30	2	0	0	32	29	54	24	0	107	0	7	32	0	39	275
Total Volume	1	402	7	0	410	187	15	5	0	207	109	224	74	0	407	1	12	135	0	148	1172
% App. Total	0.2	98	1.7	0		90.3	7.2	2.4	0		26.8	55	18.2	0		0.7	8.1	91.2	0		
PHF	.250	.798	.438	.000	.801	.708	.750	.625	.000	.739	.940	.949	.771	.000	.951	.250	.429	.734	.000	.787	.840

