

# Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

I-35E at TH-13, east ramps  
Mendota Heights, MN  
Ref Pt.: 102.437  
TURN MOVEMENT COUNTS

File Name : 4 I-35E East Ramp at TH 13  
Site Code : 4  
Start Date : 1/12/2012  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	TH-13 / Sibley Memorial Hwy Southbound			ramp from / loop to I-35E NB Westbound				TH-13 / Sibley Memorial Hwy Northbound			Eastbound	Int. Total
	Left	Thru	Peds	Left	Thru	Right	Peds	Thru	Right	Peds	Peds	
06:00	12	27	0	5	0	7	0	14	25	0	0	90
06:15	17	37	0	3	0	10	1	17	28	0	0	113
06:30	32	33	0	5	0	23	1	17	53	0	0	164
06:45	35	53	0	7	0	38	2	26	64	0	0	225
Total	96	150	0	20	0	78	4	74	170	0	0	592
07:00	60	63	0	4	0	20	0	42	70	0	0	259
07:15	89	69	0	6	0	21	0	44	79	0	1	309
07:30	86	99	0	5	0	31	1	50	114	1	0	387
07:45	75	94	0	9	0	30	0	75	112	0	0	395
Total	310	325	0	24	0	102	1	211	375	1	1	1350
08:00	40	71	0	8	0	37	0	59	77	0	0	292
08:15	49	59	0	13	0	22	0	56	82	0	0	281
08:30	52	48	0	10	0	24	3	49	72	4	0	262
08:45	44	65	0	18	0	25	0	51	52	0	0	255
Total	185	243	0	49	0	108	3	215	283	4	0	1090
09:00	38	40	0	20	0	28	1	49	53	0	0	229
09:15	32	46	0	3	0	16	0	54	45	1	0	197
09:30	41	33	0	9	0	26	0	45	52	1	0	207
09:45	46	43	0	8	0	28	0	56	43	0	0	224
Total	157	162	0	40	0	98	1	204	193	2	0	857
10:00	26	42	0	6	0	19	0	49	53	0	1	196
10:15	32	34	0	8	0	27	0	41	44	0	1	187
10:30	28	44	0	7	0	12	2	52	48	0	0	193
10:45	32	37	0	1	0	15	0	49	35	1	1	171
Total	118	157	0	22	0	73	2	191	180	1	3	747
11:00	27	51	0	17	0	22	1	58	46	2	0	224
11:15	36	43	0	12	0	15	2	59	52	1	0	220
11:30	35	51	0	11	0	20	0	62	47	0	2	228
11:45	41	51	0	15	0	19	0	80	32	0	0	238
Total	139	196	0	55	0	76	3	259	177	3	2	910
12:00	30	44	0	16	0	18	0	70	33	0	1	212
12:15	36	52	0	11	0	11	3	63	50	0	0	226
12:30	31	50	0	14	0	31	4	59	42	1	1	233
12:45	31	37	0	15	0	18	2	58	41	2	0	204
Total	128	183	0	56	0	78	9	250	166	3	2	875
13:00	48	36	0	15	0	26	0	63	47	1	0	236
13:15	43	50	0	15	0	18	4	77	33	0	0	240
13:30	39	42	0	14	0	26	2	67	56	0	1	247
13:45	38	49	0	13	0	23	3	54	57	0	0	237
Total	168	177	0	57	0	93	9	261	193	1	1	960
14:00	27	46	0	10	0	29	3	62	44	1	1	223
14:15	34	56	0	13	0	26	1	67	53	1	1	252
14:30	37	38	0	8	0	25	5	72	59	0	0	244
14:45	37	46	0	18	0	31	4	99	53	0	0	288
Total	135	186	0	49	0	111	13	300	209	2	2	1007
15:00	37	56	0	12	0	32	2	76	37	0	2	254
15:15	28	56	0	13	0	29	0	83	43	2	0	254
15:30	49	65	0	11	0	33	2	101	72	2	0	335

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Groups Printed- Cars - Heavy Vehicles

Start Time	TH-13 / Sibley Memorial Hwy Southbound			ramp from / loop to I-35E NB Westbound				TH-13 / Sibley Memorial Hwy Northbound			Eastbound	Int. Total
	Left	Thru	Peds	Left	Thru	Right	Peds	Thru	Right	Peds	Peds	
15:45	42	72	0	12	0	30	5	101	68	1	2	333
Total	156	249	0	48	0	124	9	361	220	5	4	1176
16:00	42	61	0	12	0	27	5	100	58	0	1	306
16:15	39	82	0	18	0	36	2	90	74	1	2	344
16:30	38	83	0	13	0	38	1	121	83	4	2	383
16:45	39	115	0	15	0	51	5	131	68	0	0	424
Total	158	341	0	58	0	152	13	442	283	5	5	1457
17:00	46	109	0	16	0	56	2	126	75	2	0	432
17:15	51	110	0	12	0	57	1	132	58	2	0	423
17:30	37	75	0	18	0	34	8	111	56	0	1	340
17:45	47	77	0	21	0	44	5	96	64	3	0	357
Total	181	371	0	67	0	191	16	465	253	7	1	1552
18:00	43	59	0	20	0	35	6	133	78	0	1	375
18:15	42	54	0	19	0	45	9	122	53	1	0	345
18:30	37	52	0	13	0	32	11	94	57	4	0	300
18:45	44	61	0	16	0	18	0	97	52	1	1	290
Total	166	226	0	68	0	130	26	446	240	6	2	1310
Grand Total	2097	2966	0	613	0	1414	109	3679	2942	40	23	13883
Apprch %	41.4	58.6	0	28.7	0	66.2	5.1	55.2	44.2	0.6	100	
Total %	15.1	21.4	0	4.4	0	10.2	0.8	26.5	21.2	0.3	0.2	
Cars	2066	2915	0	598	0	1378	109	3609	2907	40	23	13645
% Cars	98.5	98.3	0	97.6	0	97.5	100	98.1	98.8	100	100	98.3
Heavy Vehicles	31	51	0	15	0	36	0	70	35	0	0	238
% Heavy Vehicles	1.5	1.7	0	2.4	0	2.5	0	1.9	1.2	0	0	1.7

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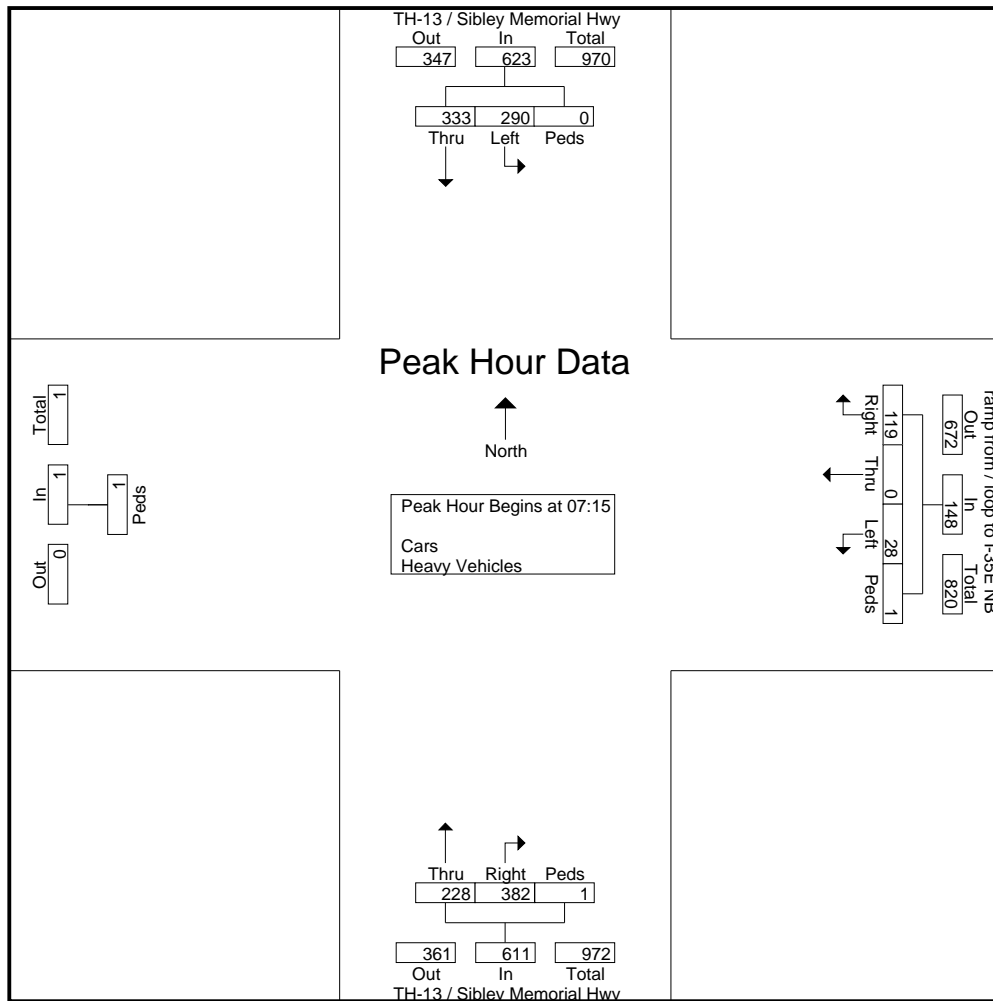
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	Left	Thru	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:00 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:15																
07:15	89	69	0	158	6	0	21	0	27	44	79	0	123	1	1	309
07:30	86	99	0	185	5	0	31	1	37	50	114	1	165	0	0	387
07:45	75	94	0	169	9	0	30	0	39	75	112	0	187	0	0	395
08:00	40	71	0	111	8	0	37	0	45	59	77	0	136	0	0	292
Total Volume	290	333	0	623	28	0	119	1	148	228	382	1	611	1	1	1383
% App. Total	46.5	53.5	0		18.9	0	80.4	0.7		37.3	62.5	0.2		100		
PHF	.815	.841	.000	.842	.778	.000	.804	.250	.822	.760	.838	.250	.817	.250	.250	.875



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	Left	Thru	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Thru	Right	Peds	App. Total	Peds	App. Total	
Peak Hour Analysis From 15:00 to 18:45 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 16:30																
16:30	38	83	0	121	13	0	38	1	52	121	83	4	208	2	2	383
16:45	39	115	0	154	15	0	51	5	71	131	68	0	199	0	0	424
17:00	46	109	0	155	16	0	56	2	74	126	75	2	203	0	0	432
17:15	51	110	0	161	12	0	57	1	70	132	58	2	192	0	0	423
Total Volume	174	417	0	591	56	0	202	9	267	510	284	8	802	2	2	1662
% App. Total	29.4	70.6	0		21	0	75.7	3.4		63.6	35.4	1		100		
PHF	.853	.907	.000	.918	.875	.000	.886	.450	.902	.966	.855	.500	.964	.250	.250	.962

