

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

I-35E at CSAH-14, WEST RAMPS

Ref.Pt.: 120.382

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 603 - CSAH 14 & I-35E West Ramp

Site Code : 603

Start Date : 2/4/2014

Page No : 1

Groups Printed- Cars

Start Time	I-35E West Ramp Southbound					CSAH 14 Westbound					I-35E West Ramp Northbound					CSAH 14 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	16	0	1	0	0	0	37	135	0	0	0	0	0	0	0	0	65	16	0	270
06:15	0	18	0	11	0	0	0	48	108	0	0	0	0	0	0	0	0	46	56	0	287
06:30	0	36	0	7	0	0	0	48	127	0	0	0	0	0	0	0	0	62	68	0	348
06:45	0	47	0	8	0	0	0	66	124	0	0	0	0	0	0	0	0	44	58	0	347
Total	0	117	0	27	0	0	0	199	494	0	0	0	0	0	0	0	0	217	198	0	1252
07:00	0	38	0	9	0	0	0	91	139	0	0	0	0	0	0	0	0	61	56	0	394
07:15	0	36	0	8	0	0	0	76	126	0	0	0	0	0	0	0	1	60	66	0	373
07:30	0	18	0	10	0	0	0	90	122	0	0	0	0	0	0	0	0	69	70	0	379
07:45	0	27	0	10	0	0	0	81	95	0	0	0	0	0	0	0	0	89	71	0	373
Total	0	119	0	37	0	0	0	338	482	0	0	0	0	0	0	0	1	279	263	0	1519
08:00	0	20	0	5	0	0	0	65	104	0	0	0	0	0	0	0	0	64	39	0	297
08:15	0	13	0	2	0	0	0	54	87	0	0	0	0	0	0	0	0	42	65	0	263
08:30	0	18	0	2	0	0	0	53	112	0	0	0	0	0	0	0	0	60	32	0	277
08:45	0	14	0	6	0	0	0	72	77	0	0	0	0	0	0	0	0	68	28	0	265
Total	0	65	0	15	0	0	0	244	380	0	0	0	0	0	0	0	0	234	164	0	1102
09:00	0	8	0	14	0	0	0	63	97	0	0	0	0	0	0	0	0	48	26	0	256
09:15	0	20	0	7	0	0	0	62	75	0	0	0	0	0	0	0	0	54	25	0	243
*****BREAK*****																					
Total	0	28	0	21	0	0	0	125	172	0	0	0	0	0	0	0	0	102	51	0	499
*****BREAK*****																					
10:30	0	21	0	2	0	0	1	45	51	0	0	0	0	0	0	0	0	58	17	0	195
10:45	0	28	0	13	0	0	0	57	34	0	0	0	0	0	0	0	0	48	10	0	190
Total	0	49	0	15	0	0	1	102	85	0	0	0	0	0	0	0	0	106	27	0	385
11:00	0	10	0	5	0	0	0	36	38	0	0	0	0	0	0	0	0	60	15	0	164
11:15	0	15	0	8	0	0	1	56	50	0	0	0	0	0	0	0	0	60	25	0	215
11:30	0	18	0	5	0	0	1	65	51	0	0	0	0	0	0	0	0	46	20	0	206
11:45	0	12	0	7	0	0	0	46	35	0	0	0	0	0	0	0	0	50	15	0	165
Total	0	55	0	25	0	0	2	203	174	0	0	0	0	0	0	0	0	216	75	0	750
12:00	0	11	0	8	0	0	0	49	45	0	0	0	0	0	0	0	0	59	15	0	187
12:15	0	12	1	7	0	0	1	50	48	0	0	0	0	0	0	0	1	45	14	0	179
12:30	0	16	0	2	0	0	0	51	46	0	0	0	0	0	0	0	0	46	25	0	186
12:45	0	11	0	2	0	0	0	53	40	0	0	0	0	0	0	1	0	51	18	0	176
Total	0	50	1	19	0	0	1	203	179	0	0	0	0	0	0	1	1	201	72	0	728
13:00	0	7	0	2	0	0	0	51	39	0	0	0	0	0	0	0	0	38	17	0	154
13:15	0	5	0	7	0	0	0	54	31	0	0	0	0	0	0	0	0	31	15	0	143
*****BREAK*****																					
Total	0	12	0	9	0	0	0	105	70	0	0	0	0	0	0	0	0	69	32	0	297
*****BREAK*****																					
14:30	0	9	0	5	0	0	2	56	37	0	0	0	0	0	0	0	0	61	23	0	193
14:45	1	20	0	7	0	0	0	80	45	0	0	0	0	0	0	0	0	76	15	0	244
Total	1	29	0	12	0	0	2	136	82	0	0	0	0	0	0	0	0	137	38	0	437
15:00	0	17	0	3	0	0	0	79	37	0	0	0	0	0	0	0	0	69	14	0	219
15:15	0	16	0	12	0	0	1	101	88	0	0	0	0	0	0	0	0	77	12	0	307
15:30	0	19	0	5	0	0	1	118	83	0	0	0	0	0	0	0	0	98	23	0	347
15:45	0	20	0	10	0	0	0	122	45	0	0	0	0	0	0	0	0	98	20	0	315
Total	0	72	0	30	0	0	2	420	253	0	0	0	0	0	0	0	0	342	69	0	1188
16:00	0	27	0	16	0	0	1	135	38	0	0	0	0	0	0	0	0	95	20	0	332
16:15	0	29	0	10	0	0	0	121	42	0	0	0	0	0	0	0	0	127	22	0	351
16:30	0	25	0	11	0	0	0	133	51	0	0	0	0	0	0	0	0	115	30	0	365
16:45	0	26	0	17	0	0	0	127	62	0	0	0	0	0	0	0	0	141	34	0	407
Total	0	107	0	54	0	0	1	516	193	0	0	0	0	0	0	0	0	478	106	0	1455

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TURN MOVEMENT COUNT

File Name : 603 - CSAH 14 & I-35E West Ramp

Site Code : 603

Start Date : 2/4/2014

Page No : 2

Groups Printed- Cars

Start Time	I-35E West Ramp Southbound					CSAH 14 Westbound					I-35E West Ramp Northbound					CSAH 14 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
17:00	0	43	1	22	0	0	0	149	62	0	0	0	0	0	0	0	0	106	24	0	407
17:15	0	37	0	13	0	0	1	162	62	0	0	0	0	0	0	0	0	128	21	0	424
17:30	0	23	1	18	0	0	0	127	68	0	0	0	0	0	0	0	0	128	26	0	391
17:45	0	26	0	14	0	0	0	125	76	0	0	0	0	0	0	0	0	113	30	0	384
Total	0	129	2	67	0	0	1	563	268	0	0	0	0	0	0	0	0	475	101	0	1606
Grand Total	1	832	3	331	0	0	10	3154	2832	0	0	0	0	0	0	1	2	2856	1196	0	11218
Apprch %	0.1	71.3	0.3	28.4	0	0	0.2	52.6	47.2	0	0	0	0	0	0	0	0	70.4	29.5	0	
Total %	0	7.4	0	3	0	0	0.1	28.1	25.2	0	0	0	0	0	0	0	0	25.5	10.7	0	

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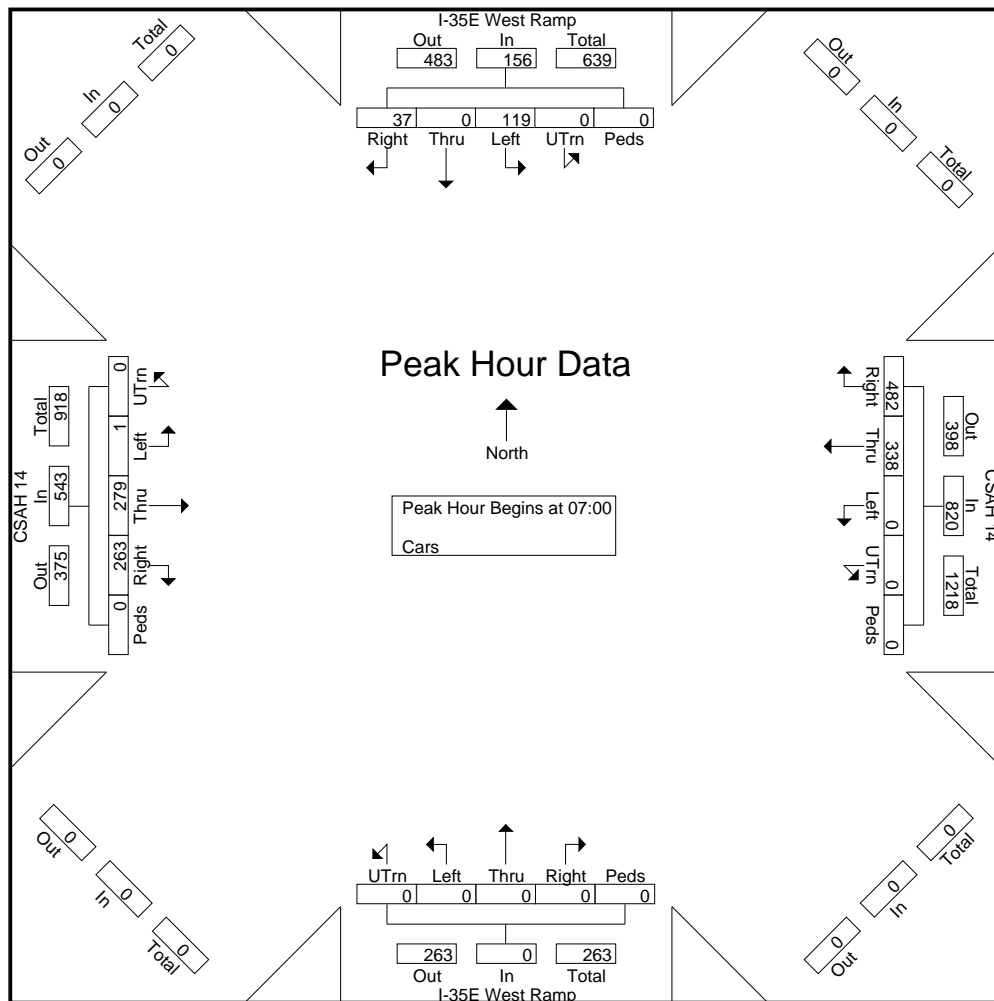
File Name : 603 - CSAH 14 & I-35E West Ramp

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Start Date : 2/4/2014

Page No : 3

Start Time	I-35E West Ramp Southbound						CSAH 14 Westbound						I-35E West Ramp Northbound						CSAH 14 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:00																									
07:00	0	38	0	9	0	47	0	0	91	139	0	230	0	0	0	0	0	0	0	0	61	56	0	117	394
07:15	0	36	0	8	0	44	0	0	76	126	0	202	0	0	0	0	0	0	0	1	60	66	0	127	373
07:30	0	18	0	10	0	28	0	0	90	122	0	212	0	0	0	0	0	0	0	0	69	70	0	139	379
07:45	0	27	0	10	0	37	0	0	81	95	0	176	0	0	0	0	0	0	0	0	89	71	0	160	373
Total Volume	0	119	0	37	0	156	0	0	338	482	0	820	0	0	0	0	0	0	0	1	279	263	0	543	1519
% App. Total	0	76.3	0	23.7	0		0	0	41.2	58.8	0		0	0	0	0	0	0	0	0.2	51.4	48.4	0		
PHF	.000	.783	.000	.925	.000	.830	.000	.000	.929	.867	.000	.891	.000	.000	.000	.000	.000	.000	.000	.250	.784	.926	.000	.848	.964



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Start Time	I-35E West Ramp Southbound						CSAH 14 Westbound						I-35E West Ramp Northbound						CSAH 14 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
16:45	0	26	0	17	0	43	0	0	127	62	0	189	0	0	0	0	0	0	0	0	141	34	0	175	407
17:00	0	43	1	22	0	66	0	0	149	62	0	211	0	0	0	0	0	0	0	0	106	24	0	130	407
17:15	0	37	0	13	0	50	0	1	162	62	0	225	0	0	0	0	0	0	0	0	128	21	0	149	424
17:30	0	23	1	18	0	42	0	0	127	68	0	195	0	0	0	0	0	0	0	0	128	26	0	154	391
Total Volume	0	129	2	70	0	201	0	1	565	254	0	820	0	0	0	0	0	0	0	0	503	105	0	608	1629
% App. Total	0	64.2	1	34.8	0		0	0.1	68.9	31	0		0	0	0	0	0	0	0	0	82.7	17.3	0		
PHF	.000	.750	.500	.795	.000	.761	.000	.250	.872	.934	.000	.911	.000	.000	.000	.000	.000	.000	.000	.000	.892	.772	.000	.869	.960

Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 16:45

