

**Alliant Engineering, Inc**

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA --

CSAH-46 at I-35 West Ramp

Ref.Pt.: 86.764

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 362\_CSAH 46 & I-35 W Ramp

Site Code : 362

Start Date : 10/25/2017

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	I-35 W Ramp From North				CSAH 46 From East				I-35 W Ramp From South				CSAH 46 From West				Int. Total
	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	
06:00 AM	0	31	0	4	0	0	42	20	0	0	0	0	0	3	55	0	155
06:15 AM	0	53	0	9	0	0	72	22	0	0	0	0	0	9	82	0	247
06:30 AM	0	64	0	8	0	0	78	20	0	0	0	0	0	4	96	0	270
06:45 AM	0	46	0	15	0	0	99	23	0	0	0	0	0	5	101	0	289
Total	0	194	0	36	0	0	291	85	0	0	0	0	0	21	334	0	961
07:00 AM	0	54	0	14	0	0	112	22	0	0	0	0	0	4	101	0	307
07:15 AM	1	70	0	16	0	0	113	24	0	0	0	0	0	16	102	0	342
07:30 AM	1	91	0	18	0	0	136	38	0	0	0	0	0	8	88	0	380
07:45 AM	0	101	0	18	0	0	148	31	0	0	0	0	0	8	107	0	413
Total	2	316	0	66	0	0	509	115	0	0	0	0	0	36	398	0	1442
08:00 AM	0	92	0	16	0	0	90	23	0	0	0	0	0	7	96	0	324
08:15 AM	0	82	0	16	0	0	96	25	0	0	0	0	0	10	74	0	303
08:30 AM	0	82	0	17	0	0	96	28	0	0	0	0	0	8	106	0	337
08:45 AM	0	119	0	14	0	0	84	27	0	0	0	0	0	4	98	0	346
Total	0	375	0	63	0	0	366	103	0	0	0	0	0	29	374	0	1310
09:00 AM	0	89	0	22	0	0	80	37	0	0	0	0	0	4	82	0	314
09:15 AM	0	101	0	19	0	0	65	25	0	0	0	0	0	7	92	0	309
*** BREAK ***																	
Total	0	190	0	41	0	0	145	62	0	0	0	0	0	11	174	0	623
*** BREAK ***																	
10:30 AM	0	104	0	24	0	0	50	19	0	0	0	0	0	9	62	0	268
10:45 AM	0	100	0	15	0	0	49	22	0	0	0	0	0	1	49	0	236
Total	0	204	0	39	0	0	99	41	0	0	0	0	0	10	111	0	504
11:00 AM	0	99	0	19	0	0	51	26	0	0	0	0	0	5	77	0	277
11:15 AM	0	99	0	22	0	0	62	34	0	0	0	0	0	7	83	0	307
11:30 AM	0	127	0	25	0	0	53	32	0	0	0	0	0	12	80	0	329
11:45 AM	0	109	0	22	0	0	69	41	0	0	0	0	0	7	64	0	312
Total	0	434	0	88	0	0	235	133	0	0	0	0	0	31	304	0	1225
12:00 PM	0	100	0	35	0	0	63	23	0	0	0	0	0	6	73	0	300
12:15 PM	0	124	0	23	0	0	60	33	0	0	0	0	0	4	87	0	331
12:30 PM	0	108	0	22	0	0	56	31	0	0	0	0	0	9	65	0	291
12:45 PM	0	130	0	29	0	0	57	24	0	0	0	0	0	12	101	0	353
Total	0	462	0	109	0	0	236	111	0	0	0	0	0	31	326	0	1275
01:00 PM	1	108	0	18	0	0	73	29	0	0	0	0	1	9	65	0	304
01:15 PM	0	122	0	22	0	0	49	39	0	0	0	0	0	5	73	0	310
*** BREAK ***																	
Total	1	230	0	40	0	0	122	68	0	0	0	0	1	14	138	0	614
*** BREAK ***																	
02:30 PM	0	176	0	23	0	0	49	36	0	0	0	0	0	9	90	0	383
02:45 PM	0	194	0	25	0	0	56	34	0	0	0	0	0	7	102	0	418
Total	0	370	0	48	0	0	105	70	0	0	0	0	0	16	192	0	801
03:00 PM	0	195	0	29	0	0	72	51	0	0	0	0	0	4	98	0	449
03:15 PM	0	203	0	47	0	0	93	34	0	0	0	0	0	11	103	0	491
03:30 PM	0	234	0	59	0	0	106	51	0	0	0	0	0	7	124	0	581
03:45 PM	0	248	0	57	0	0	108	43	0	0	0	0	0	11	114	0	581
Total	0	880	0	192	0	0	379	179	0	0	0	0	0	33	439	0	2102
04:00 PM	0	299	0	48	0	0	83	49	0	0	0	0	0	9	127	0	615
04:15 PM	0	292	0	55	0	0	101	60	0	0	0	0	0	4	149	0	661
04:30 PM	0	328	0	36	0	0	77	44	0	0	0	0	0	10	132	0	627
04:45 PM	0	345	0	63	0	0	87	54	0	0	0	0	0	6	162	0	717
Total	0	1264	0	202	0	0	348	207	0	0	0	0	0	29	570	0	2620

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Groups Printed- Vehicles - Trucks

Start Time	I-35 W Ramp From North				CSAH 46 From East				I-35 W Ramp From South				CSAH 46 From West				Int. Total
	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	
05:00 PM	0	309	0	52	0	0	109	35	0	0	0	0	0	4	161	0	670
05:15 PM	0	309	0	53	0	0	108	40	0	0	0	0	0	8	163	0	681
05:30 PM	0	287	0	45	0	0	73	49	0	0	0	0	0	8	172	0	634
05:45 PM	0	295	0	37	0	0	105	51	0	0	0	0	0	5	165	0	658
Total	0	1200	0	187	0	0	395	175	0	0	0	0	0	25	661	0	2643
Grand Total	3	6119	0	1111	0	0	3230	1349	0	0	0	0	1	286	4021	0	16120
Apprch %	0	84.6	0	15.4	0	0	70.5	29.5	0	0	0	0	0	6.6	93.3	0	
Total %	0	38	0	6.9	0	0	20	8.4	0	0	0	0	0	1.8	24.9	0	
Vehicles	2	5647	0	1080	0	0	3116	1282	0	0	0	0	1	282	3974	0	15384
% Vehicles	66.7	92.3	0	97.2	0	0	96.5	95	0	0	0	0	100	98.6	98.8	0	95.4
Trucks	1	472	0	31	0	0	114	67	0	0	0	0	0	4	47	0	736
% Trucks	33.3	7.7	0	2.8	0	0	3.5	5	0	0	0	0	0	1.4	1.2	0	4.6

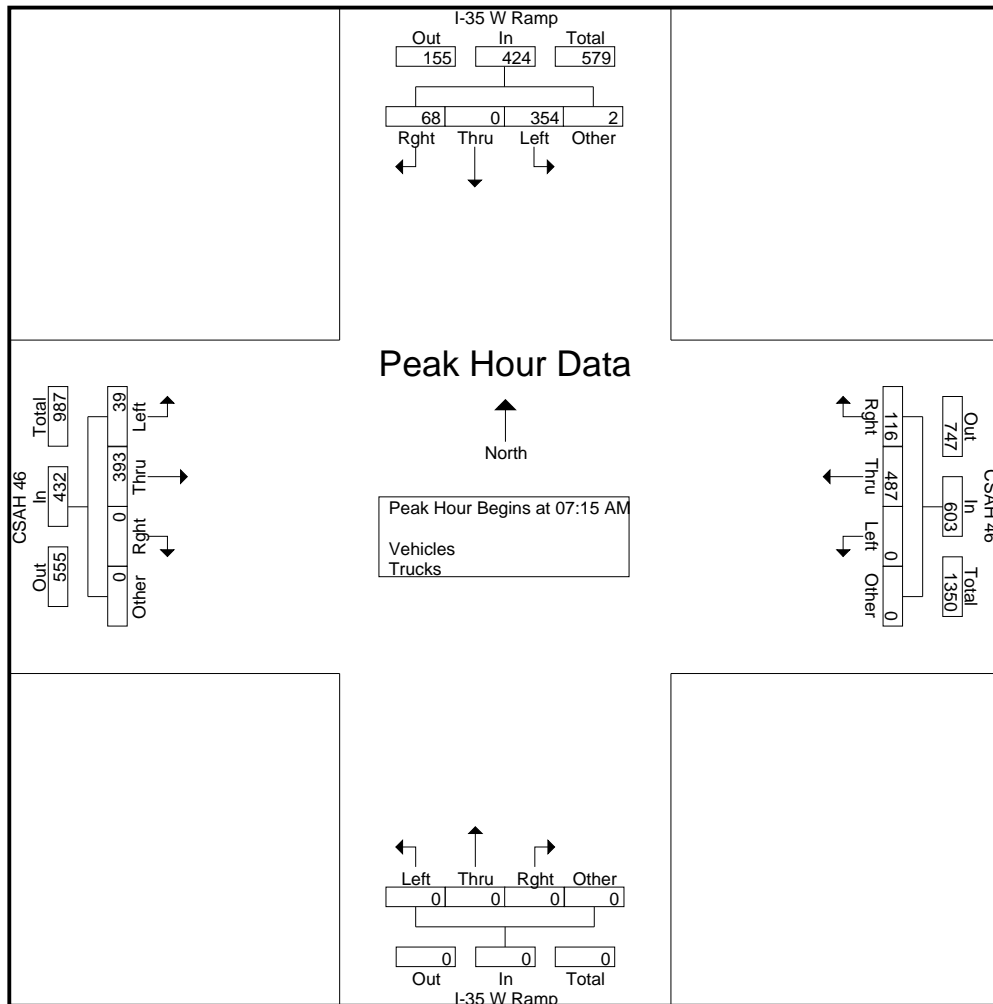
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	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	1	70	0	16	87	0	0	113	24	137	0	0	0	0	0	0	16	102	0	118	342
07:30 AM	1	91	0	18	110	0	0	136	38	174	0	0	0	0	0	0	8	88	0	96	380
07:45 AM	0	101	0	18	119	0	0	148	31	179	0	0	0	0	0	0	8	107	0	115	413
08:00 AM	0	92	0	16	108	0	0	90	23	113	0	0	0	0	0	0	7	96	0	103	324
Total Volume	2	354	0	68	424	0	0	487	116	603	0	0	0	0	0	0	39	393	0	432	1459
% App. Total	0.5	83.5	0	16		0	0	80.8	19.2		0	0	0	0		0	9	91	0		
PHF	.500	.876	.000	.944	.891	.000	.000	.823	.763	.842	.000	.000	.000	.000	.000	.000	.609	.918	.000	.915	.883



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	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	345	0	63	408	0	0	87	54	141	0	0	0	0	0	0	6	162	0	168	717
05:00 PM	0	309	0	52	361	0	0	109	35	144	0	0	0	0	0	0	4	161	0	165	670
05:15 PM	0	309	0	53	362	0	0	108	40	148	0	0	0	0	0	0	8	163	0	171	681
05:30 PM	0	287	0	45	332	0	0	73	49	122	0	0	0	0	0	0	8	172	0	180	634
Total Volume	0	1250	0	213	1463	0	0	377	178	555	0	0	0	0	0	0	26	658	0	684	2702
% App. Total	0	85.4	0	14.6		0	0	67.9	32.1		0	0	0	0	0	0	3.8	96.2	0		
PHF	.000	.906	.000	.845	.896	.000	.000	.865	.824	.938	.000	.000	.000	.000	.000	.000	.813	.956	.000	.950	.942

