

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-610 at East River Rd, NORTH RAMPS

Ref.Pt.: 010.672

Alliant Eng.

TURN MOVEMENT COUNT

File Name : 302_TH 610 & East River Rd N Ramp

Site Code : 302

Start Date : 3/8/2016

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	East River Rd / CSAH-1 Southbound				TH-610, North Ramps Westbound				East River Rd / CSAH-1 Northbound				TH-610, North Ramps Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
06:00	7	56	151	0	16	5	1	0	14	34	6	0	0	0	0	0	290
06:15	5	100	147	0	29	8	4	0	20	51	5	0	0	0	0	0	369
06:30	8	120	142	0	33	10	3	0	25	94	21	0	0	0	0	0	456
06:45	0	143	141	0	32	9	5	0	29	80	21	0	0	0	0	0	460
Total	20	419	581	0	110	32	13	0	88	259	53	0	0	0	0	0	1575
07:00	4	128	184	0	42	6	6	0	42	143	27	0	0	0	0	0	582
07:15	6	147	149	0	35	6	7	0	37	146	31	0	0	0	0	0	564
07:30	5	134	151	0	44	13	1	0	26	161	26	0	0	0	0	0	561
07:45	2	106	130	0	40	5	8	0	38	153	43	0	0	0	0	0	525
Total	17	515	614	0	161	30	22	0	143	603	127	0	0	0	0	0	2232
08:00	7	62	121	0	24	10	5	0	39	113	19	0	0	0	0	0	400
08:15	9	61	150	0	25	4	4	0	20	84	24	0	0	0	0	0	381
08:30	3	43	100	0	22	12	5	0	26	96	19	0	0	0	0	0	326
08:45	14	48	102	0	42	1	6	0	49	124	18	0	0	0	0	0	404
Total	33	214	473	0	113	27	20	0	134	417	80	0	0	0	0	0	1511
09:00	5	39	91	0	21	6	8	0	28	109	17	0	0	0	0	0	324
09:15	0	52	96	0	16	7	5	0	41	127	28	0	0	0	0	0	372
*** BREAK ***																	
Total	5	91	187	0	37	13	13	0	69	236	45	0	0	0	0	0	696
*** BREAK ***																	
10:30	11	25	78	0	8	6	2	0	27	97	16	0	0	0	0	0	270
10:45	10	21	66	0	15	3	2	0	28	98	12	0	0	0	0	0	255
Total	21	46	144	0	23	9	4	0	55	195	28	0	0	0	0	0	525
11:00	6	30	92	0	7	2	3	0	30	104	26	0	0	0	0	0	300
11:15	2	38	76	0	8	3	2	0	28	89	27	0	0	0	0	0	273
11:30	13	26	69	0	14	3	8	0	34	85	21	0	0	0	0	0	273
11:45	10	32	70	0	11	2	3	0	39	114	30	0	0	0	0	0	311
Total	31	126	307	0	40	10	16	0	131	392	104	0	0	0	0	0	1157
12:00	20	28	73	0	16	7	10	0	48	101	21	0	0	0	0	0	324
12:15	8	35	66	0	27	3	5	0	23	157	37	0	0	0	0	0	361
12:30	8	39	71	0	21	13	3	0	33	121	31	0	0	0	0	0	340
12:45	8	26	62	0	18	4	2	0	40	90	33	0	0	0	0	0	283
Total	44	128	272	0	82	27	20	0	144	469	122	0	0	0	0	0	1308
13:00	2	43	95	0	9	6	9	0	44	103	28	0	0	0	0	0	339
13:15	5	36	72	0	16	8	17	0	42	111	31	0	0	0	0	0	338
13:30	0	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	13
*** BREAK ***																	
Total	7	81	178	0	25	14	26	0	86	214	59	0	0	0	0	0	690
*** BREAK ***																	
14:30	5	56	134	0	11	7	3	0	70	207	42	0	0	0	0	0	535
14:45	4	32	93	0	15	0	3	0	80	204	37	0	0	0	0	0	468
Total	9	88	227	0	26	7	6	0	150	411	79	0	0	0	0	0	1003
15:00	10	48	81	0	22	5	8	0	95	251	48	0	0	0	0	0	568
15:15	2	33	93	0	13	9	12	0	57	249	55	0	0	0	0	0	523
15:30	22	54	93	0	27	11	15	0	93	240	47	0	0	0	0	0	602
15:45	6	58	103	0	25	9	8	0	104	293	72	0	0	0	0	0	678
Total	40	193	370	0	87	34	43	0	349	1033	222	0	0	0	0	0	2371
16:00	11	41	105	0	13	8	9	0	100	348	72	0	0	0	0	0	707
16:15	15	42	106	0	24	12	11	0	92	404	82	0	0	0	0	0	788

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Site Code : 302

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Groups Printed- Vehicles - Trucks

Start Time	East River Rd / CSAH-1 Southbound				TH-610, North Ramps Westbound				East River Rd / CSAH-1 Northbound				TH-610, North Ramps Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
16:30	13	36	96	0	20	13	8	0	111	417	79	0	0	0	0	0	793
16:45	7	46	119	0	34	12	11	0	76	383	74	0	0	0	0	0	762
Total	46	165	426	0	91	45	39	0	379	1552	307	0	0	0	0	0	3050
17:00	10	46	70	0	17	4	9	0	95	375	71	0	0	0	0	0	697
17:15	8	38	84	0	21	7	6	0	102	356	71	0	0	0	0	0	693
17:30	9	36	70	0	23	5	13	0	89	307	48	0	0	0	0	0	600
17:45	10	28	81	0	16	6	20	0	52	281	43	0	0	0	0	0	537
Total	37	148	305	0	77	22	48	0	338	1319	233	0	0	0	0	0	2527
Grand Total	310	2214	4084	0	872	270	270	0	2066	7100	1459	0	0	0	0	0	18645
Apprch %	4.7	33.5	61.8	0	61.8	19.1	19.1	0	19.4	66.8	13.7	0	0	0	0	0	
Total %	1.7	11.9	21.9	0	4.7	1.4	1.4	0	11.1	38.1	7.8	0	0	0	0	0	
Vehicles	286	2129	3969	0	840	263	247	0	1989	6870	1431	0	0	0	0	0	18024
% Vehicles	92.3	96.2	97.2	0	96.3	97.4	91.5	0	96.3	96.8	98.1	0	0	0	0	0	96.7
Trucks	24	85	115	0	32	7	23	0	77	230	28	0	0	0	0	0	621
% Trucks	7.7	3.8	2.8	0	3.7	2.6	8.5	0	3.7	3.2	1.9	0	0	0	0	0	3.3

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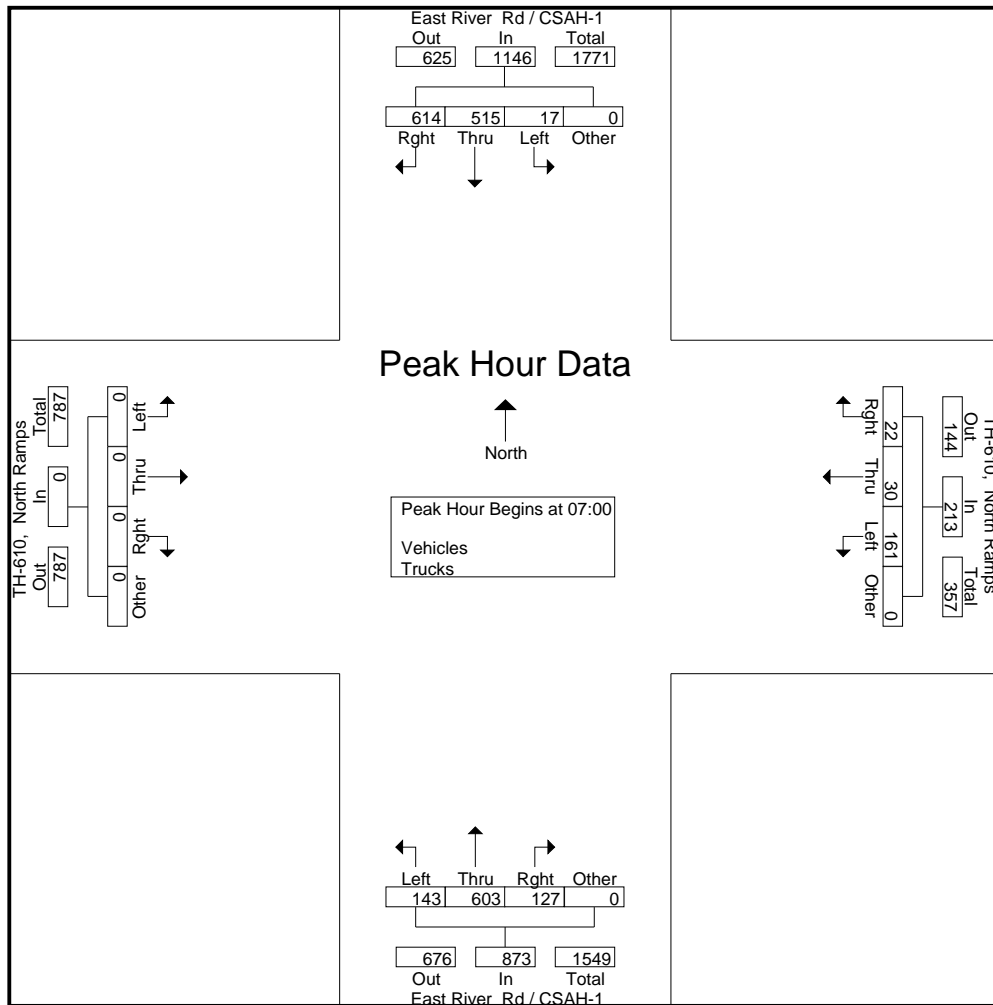
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Start Time	East River Rd / CSAH-1 Southbound					TH-610, North Ramps Westbound					East River Rd / CSAH-1 Northbound					TH-610, North Ramps Eastbound					Int. Total
	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	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	4	128	184	0	316	42	6	6	0	54	42	143	27	0	212	0	0	0	0	0	582
07:15	6	147	149	0	302	35	6	7	0	48	37	146	31	0	214	0	0	0	0	0	564
07:30	5	134	151	0	290	44	13	1	0	58	26	161	26	0	213	0	0	0	0	0	561
07:45	2	106	130	0	238	40	5	8	0	53	38	153	43	0	234	0	0	0	0	0	525
Total Volume	17	515	614	0	1146	161	30	22	0	213	143	603	127	0	873	0	0	0	0	0	2232
% App. Total	1.5	44.9	53.6	0		75.6	14.1	10.3	0		16.4	69.1	14.5	0		0	0	0	0	0	
PHF	.708	.876	.834	.000	.907	.915	.577	.688	.000	.918	.851	.936	.738	.000	.933	.000	.000	.000	.000	.000	.959



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	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:00																					
16:00	11	41	105	0	157	13	8	9	0	30	100	348	72	0	520	0	0	0	0	0	707
16:15	15	42	106	0	163	24	12	11	0	47	92	404	82	0	578	0	0	0	0	0	788
16:30	13	36	96	0	145	20	13	8	0	41	111	417	79	0	607	0	0	0	0	0	793
16:45	7	46	119	0	172	34	12	11	0	57	76	383	74	0	533	0	0	0	0	0	762
Total Volume	46	165	426	0	637	91	45	39	0	175	379	1552	307	0	2238	0	0	0	0	0	3050
% App. Total	7.2	25.9	66.9	0		52	25.7	22.3	0		16.9	69.3	13.7	0		0	0	0	0		
PHF	.767	.897	.895	.000	.926	.669	.865	.886	.000	.768	.854	.930	.936	.000	.922	.000	.000	.000	.000	.000	.962

