

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-169 at Main Ave ELK RIVER

Ref.Pt.:

Alliant Eng.

TURN MOVEMENT COUNT

File Name : 412_TH 169 & Main Ave

Site Code : 412

Start Date : 3/8/2016

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	TH-169 Southbound				Main Ave Westbound				TH-169 Northbound				Main Ave Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
06:00	29	389	16	0	58	37	8	0	1	68	20	0	2	11	22	0	661
06:15	37	422	14	0	78	49	14	0	12	75	26	0	2	11	16	0	756
06:30	55	448	24	0	90	42	19	0	8	65	26	0	3	48	3	0	831
06:45	51	443	15	0	112	49	13	0	5	96	34	0	7	40	5	0	870
Total	172	1702	69	0	338	177	54	0	26	304	106	0	14	110	46	0	3118
07:00	66	405	21	0	104	57	22	0	2	73	16	0	6	26	0	0	798
07:15	72	504	31	0	119	70	43	0	7	98	20	0	5	55	9	0	1033
07:30	60	512	31	0	114	74	47	0	19	133	67	0	10	39	13	0	1119
07:45	82	450	21	0	63	104	30	0	21	62	26	0	25	72	14	0	970
Total	280	1871	104	0	400	305	142	0	49	366	129	0	46	192	36	0	3920
08:00	73	431	33	0	109	68	13	0	16	120	47	0	16	65	2	0	993
08:15	50	350	22	0	87	56	19	0	22	110	24	0	19	49	7	0	815
08:30	56	329	28	0	86	72	12	0	19	109	18	0	15	35	8	0	787
08:45	35	280	33	0	80	50	25	0	25	93	10	0	9	42	10	0	692
Total	214	1390	116	0	362	246	69	0	82	432	99	0	59	191	27	0	3287
09:00	49	263	18	0	60	81	33	0	29	111	35	0	11	68	6	0	764
09:15	66	212	28	0	81	81	16	0	20	138	22	0	11	54	18	0	747
*** BREAK ***																	
Total	115	475	46	0	141	162	49	0	49	249	57	0	22	122	24	0	1511
*** BREAK ***																	
10:30	39	212	22	0	35	85	23	0	12	119	29	0	8	66	6	0	656
10:45	67	211	18	0	41	84	40	0	18	138	35	0	15	45	13	0	725
Total	106	423	40	0	76	169	63	0	30	257	64	0	23	111	19	0	1381
11:00	40	196	19	0	55	70	26	0	26	201	58	0	13	69	11	0	784
11:15	58	194	21	0	40	80	34	0	35	177	26	0	25	94	10	0	794
11:30	46	195	18	0	57	89	38	0	28	172	44	0	15	116	14	0	832
11:45	62	195	18	0	56	112	46	0	31	178	35	0	18	84	10	0	845
Total	206	780	76	0	208	351	144	0	120	728	163	0	71	363	45	0	3255
12:00	42	219	22	0	32	79	6	0	39	161	33	0	31	81	12	0	757
12:15	46	184	23	0	44	118	74	0	36	144	23	0	18	76	12	0	798
12:30	36	232	14	0	55	75	45	0	30	134	39	0	21	93	17	0	791
12:45	57	205	27	0	58	70	55	0	24	142	32	0	30	91	17	0	808
Total	181	840	86	0	189	342	180	0	129	581	127	0	100	341	58	0	3154
13:00	57	217	21	0	51	97	27	0	28	209	30	0	18	103	20	0	878
13:15	60	215	18	0	55	62	43	0	34	204	54	0	28	111	5	0	889
*** BREAK ***																	
Total	117	432	39	0	106	159	70	0	62	413	84	0	46	214	25	0	1767
*** BREAK ***																	
14:30	60	170	17	0	44	63	63	0	41	250	46	0	36	73	19	0	882
14:45	67	177	10	0	49	67	69	0	40	294	59	0	34	82	14	0	962
Total	127	347	27	0	93	130	132	0	81	544	105	0	70	155	33	0	1844
15:00	80	167	27	0	35	74	33	0	49	288	76	0	18	69	14	0	930
15:15	42	182	13	0	53	82	43	0	31	242	57	0	44	86	21	0	896
15:30	73	214	16	0	51	76	57	0	43	327	120	0	25	64	5	0	1071
15:45	63	225	22	0	58	90	51	0	36	269	66	0	38	88	2	0	1008
Total	258	788	78	0	197	322	184	0	159	1126	319	0	125	307	42	0	3905
16:00	56	207	26	0	48	73	41	0	58	447	147	0	35	77	20	0	1235
16:15	75	213	9	0	58	89	49	0	70	479	138	0	36	75	10	0	1301
16:30	61	235	25	0	56	91	53	0	38	505	156	0	28	72	4	0	1324

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Site Code : 412

Start Date : 3/8/2016

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Groups Printed- Vehicles - Trucks

Start Time	TH-169 Southbound				Main Ave Westbound				TH-169 Northbound				Main Ave Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
16:45	81	194	20	0	53	89	60	0	55	471	194	0	35	84	12	0	1348
Total	273	849	80	0	215	342	203	0	221	1902	635	0	134	308	46	0	5208
17:00	79	203	17	0	59	89	77	0	55	435	112	0	41	85	5	0	1257
17:15	50	205	23	0	46	96	60	0	70	474	113	0	39	67	0	0	1243
17:30	62	183	14	0	42	87	73	0	62	510	163	0	49	80	17	0	1342
17:45	67	179	26	0	47	82	60	0	55	471	169	0	56	76	11	0	1299
Total	258	770	80	0	194	354	270	0	242	1890	557	0	185	308	33	0	5141
Grand Total	2307	10667	841	0	2519	3059	1560	0	1250	8792	2445	0	895	2722	434	0	37491
Apprch %	16.7	77.2	6.1	0	35.3	42.9	21.9	0	10	70.4	19.6	0	22.1	67.2	10.7	0	
Total %	6.2	28.5	2.2	0	6.7	8.2	4.2	0	3.3	23.5	6.5	0	2.4	7.3	1.2	0	
Vehicles	2251	10384	837	0	2452	3004	1539	0	1235	8521	2400	0	885	2687	427	0	36622
% Vehicles	97.6	97.3	99.5	0	97.3	98.2	98.7	0	98.8	96.9	98.2	0	98.9	98.7	98.4	0	97.7
Trucks	56	283	4	0	67	55	21	0	15	271	45	0	10	35	7	0	869
% Trucks	2.4	2.7	0.5	0	2.7	1.8	1.3	0	1.2	3.1	1.8	0	1.1	1.3	1.6	0	2.3

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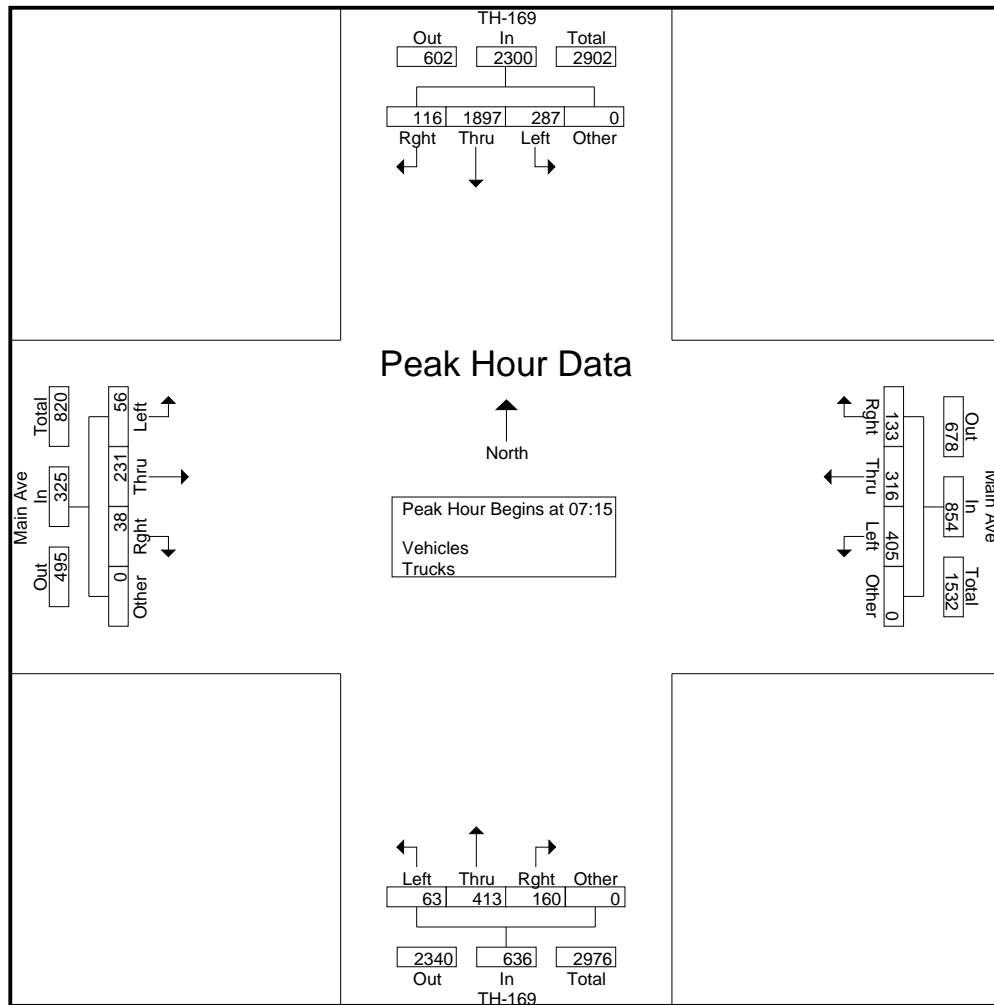
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	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	72	504	31	0	607	119	70	43	0	232	7	98	20	0	125	5	55	9	0	69	1033
07:30	60	512	31	0	603	114	74	47	0	235	19	133	67	0	219	10	39	13	0	62	1119
07:45	82	450	21	0	553	63	104	30	0	197	21	62	26	0	109	25	72	14	0	111	970
08:00	73	431	33	0	537	109	68	13	0	190	16	120	47	0	183	16	65	2	0	83	993
Total Volume	287	1897	116	0	2300	405	316	133	0	854	63	413	160	0	636	56	231	38	0	325	4115
% App. Total	12.5	82.5	5	0		47.4	37	15.6	0		9.9	64.9	25.2	0		17.2	71.1	11.7	0		
PHF	.875	.926	.879	.000	.947	.851	.760	.707	.000	.909	.750	.776	.597	.000	.726	.560	.802	.679	.000	.732	.919



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Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:15																					
16:15	75	213	9	0	297	58	89	49	0	196	70	479	138	0	687	36	75	10	0	121	1301
16:30	61	235	25	0	321	56	91	53	0	200	38	505	156	0	699	28	72	4	0	104	1324
16:45	81	194	20	0	295	53	89	60	0	202	55	471	194	0	720	35	84	12	0	131	1348
17:00	79	203	17	0	299	59	89	77	0	225	55	435	112	0	602	41	85	5	0	131	1257
Total Volume	296	845	71	0	1212	226	358	239	0	823	218	1890	600	0	2708	140	316	31	0	487	5230
% App. Total	24.4	69.7	5.9	0		27.5	43.5	29	0		8.1	69.8	22.2	0		28.7	64.9	6.4	0		
PHF	.914	.899	.710	.000	.944	.958	.984	.776	.000	.914	.779	.936	.773	.000	.940	.854	.929	.646	.000	.929	.970

