

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-10 at Jackson Ave NW ELK RIVER

Ref.Pt.:
Alliant Eng.

TURN MOVEMENT COUNT

File Name : 403_TH 10 & Jackson Ave

Site Code : 403

Start Date : 3/3/2016

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Jackson Ave NW Southbound				TH-10 Westbound				Jackson Ave NW Northbound				TH-10 Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
06:00	11	2	1	0	1	85	5	0	1	2	1	0	2	346	2	0	459
06:15	13	6	5	0	0	95	3	0	1	4	0	0	4	373	0	0	504
06:30	15	7	2	0	0	103	7	0	3	5	0	0	7	434	6	0	589
06:45	14	6	8	0	0	114	20	0	0	13	0	0	13	314	3	0	505
Total	53	21	16	0	1	397	35	0	5	24	1	0	26	1467	11	0	2057
07:00	18	12	0	0	2	100	20	0	5	15	0	0	21	398	7	0	598
07:15	23	18	5	0	0	161	19	0	5	23	0	0	10	358	8	0	630
07:30	6	12	6	0	0	188	8	0	3	12	0	0	31	361	4	0	631
07:45	18	18	17	0	4	162	7	0	2	19	0	0	21	295	11	0	574
Total	65	60	28	0	6	611	54	0	15	69	0	0	83	1412	30	0	2433
08:00	16	13	10	0	1	149	8	0	6	17	1	0	23	263	12	0	519
08:15	7	23	8	0	0	119	11	0	3	11	0	0	21	219	6	0	428
08:30	15	12	16	0	1	139	6	1	5	14	0	0	16	256	8	0	489
08:45	9	18	14	0	3	132	8	0	2	28	0	0	36	218	11	1	480
Total	47	66	48	0	5	539	33	1	16	70	1	0	96	956	37	1	1916
09:00	12	26	23	0	3	136	5	0	5	19	0	0	23	201	8	0	461
09:15	9	8	13	0	3	153	5	0	6	17	0	0	29	192	11	2	448
*** BREAK ***																	
Total	21	34	36	0	6	289	10	0	11	36	0	0	52	393	19	2	909
*** BREAK ***																	
10:30	11	19	12	0	0	116	6	0	4	7	4	0	13	200	13	0	405
10:45	6	16	10	0	4	186	7	0	1	14	1	1	12	181	13	0	452
Total	17	35	22	0	4	302	13	0	5	21	5	1	25	381	26	0	857
11:00	6	21	18	0	3	157	9	1	4	24	1	1	25	162	14	0	446
11:15	6	18	21	0	7	193	9	0	8	16	0	0	30	167	13	0	488
11:30	11	18	15	0	1	197	5	0	5	26	0	0	28	231	12	0	549
11:45	12	9	10	0	7	160	4	1	6	13	1	0	41	169	7	0	440
Total	35	66	64	0	18	707	27	2	23	79	2	1	124	729	46	0	1923
12:00	11	16	16	0	12	195	12	1	5	19	1	1	17	193	8	0	507
12:15	6	21	5	0	2	182	4	0	2	32	0	0	15	175	3	0	447
12:30	0	0	1	0	0	11	0	0	0	1	0	0	0	7	0	0	20
*** BREAK ***																	
Total	17	37	22	0	14	388	16	1	7	52	1	1	32	375	11	0	974
*** BREAK ***																	
13:30	5	16	9	0	4	150	11	0	5	19	1	0	23	92	5	0	340
13:45	4	15	13	0	4	162	10	0	7	20	2	0	16	148	5	0	406
Total	9	31	22	0	8	312	21	0	12	39	3	0	39	240	10	0	746
14:00	3	21	21	0	6	172	12	0	6	18	1	0	37	120	3	0	420
14:15	5	23	15	0	9	136	13	0	5	20	0	0	27	112	8	0	373
14:30	6	22	20	0	3	228	15	0	3	21	0	0	28	158	4	0	508
14:45	2	27	24	0	2	210	18	0	6	22	1	0	31	124	10	0	477
Total	16	93	80	0	20	746	58	0	20	81	2	0	123	514	25	0	1778
15:00	5	25	31	0	8	234	20	0	4	27	2	0	25	176	9	0	566
15:15	5	26	25	0	5	276	21	0	5	24	3	0	27	172	8	0	597
15:30	3	28	35	0	14	284	19	0	6	23	0	0	42	144	12	0	610
15:45	4	33	40	0	3	352	22	0	5	25	1	0	30	156	10	0	681
Total	17	112	131	0	30	1146	82	0	20	99	6	0	124	648	39	0	2454
16:00	5	34	41	0	6	356	21	0	7	25	2	0	27	227	15	0	766
16:15	12	20	21	0	5	384	21	0	3	24	1	0	21	242	15	0	769

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 Page No : 2

Groups Printed- Vehicles - Trucks

Start Time	Jackson Ave NW Southbound				TH-10 Westbound				Jackson Ave NW Northbound				TH-10 Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
16:30	7	11	18	0	4	385	23	0	6	26	3	0	29	260	11	1	784
16:45	9	25	23	0	3	404	39	1	8	26	2	0	35	243	13	0	831
Total	33	90	103	0	18	1529	104	1	24	101	8	0	112	972	54	1	3150
17:00	13	23	21	0	7	388	32	0	4	27	1	0	28	219	11	0	774
17:15	7	18	18	0	2	355	37	0	2	22	0	0	18	200	16	1	696
17:30	6	12	13	0	5	373	18	0	11	25	1	0	19	180	18	1	682
17:45	10	18	12	0	3	316	21	0	6	29	0	0	29	189	19	0	652
Total	36	71	64	0	17	1432	108	0	23	103	2	0	94	788	64	2	2804
Grand Total	366	716	636	0	147	8398	561	5	181	774	31	3	930	8875	372	6	22001
Apprch %	21.3	41.7	37	0	1.6	92.2	6.2	0.1	18.3	78.3	3.1	0.3	9.1	87.2	3.7	0.1	
Total %	1.7	3.3	2.9	0	0.7	38.2	2.5	0	0.8	3.5	0.1	0	4.2	40.3	1.7	0	
Vehicles	357	710	623	0	146	8078	548	5	179	770	31	3	913	8583	366	6	21318
% Vehicles	97.5	99.2	98	0	99.3	96.2	97.7	100	98.9	99.5	100	100	98.2	96.7	98.4	100	96.9
Trucks	9	6	13	0	1	320	13	0	2	4	0	0	17	292	6	0	683
% Trucks	2.5	0.8	2	0	0.7	3.8	2.3	0	1.1	0.5	0	0	1.8	3.3	1.6	0	3.1

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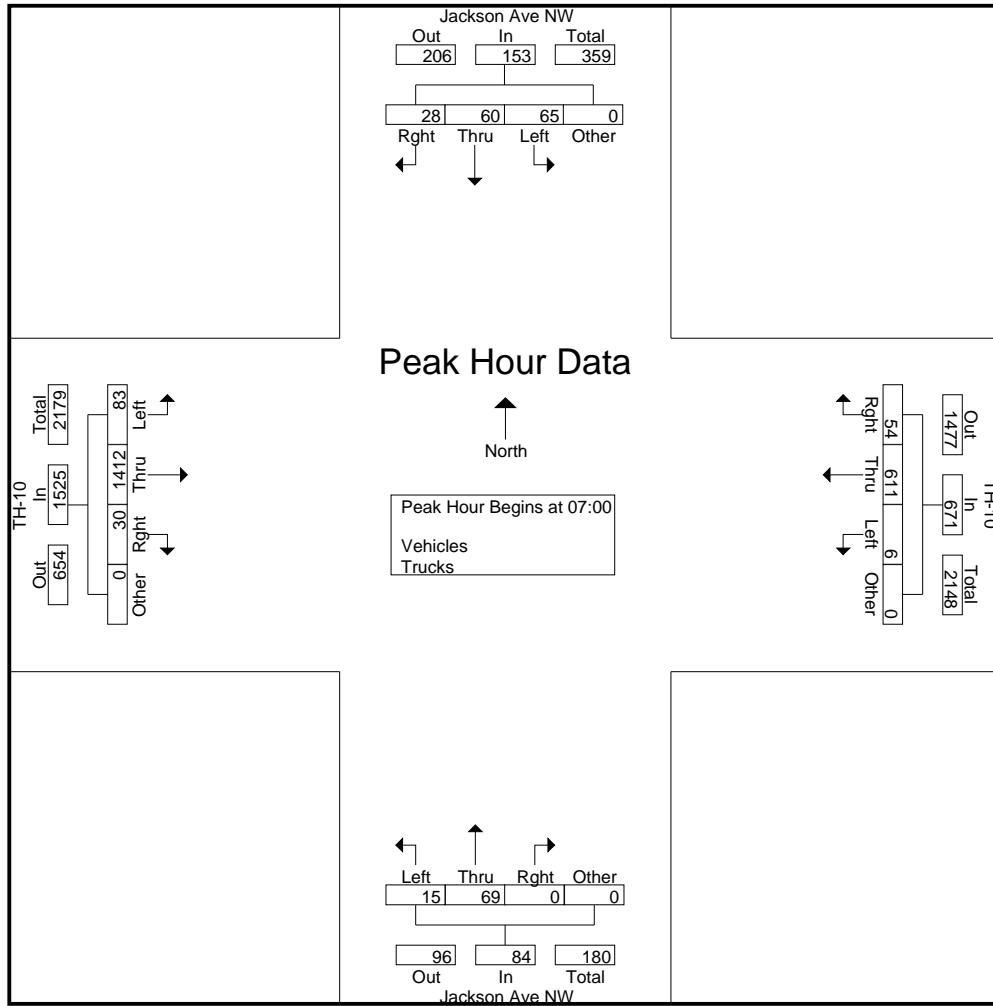
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Start Time	Jackson Ave NW Southbound					TH-10 Westbound					Jackson Ave NW Northbound					TH-10 Eastbound					Int. Total
	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	18	12	0	0	30	2	100	20	0	122	5	15	0	0	20	21	398	7	0	426	598
07:15	23	18	5	0	46	0	161	19	0	180	5	23	0	0	28	10	358	8	0	376	630
07:30	6	12	6	0	24	0	188	8	0	196	3	12	0	0	15	31	361	4	0	396	631
07:45	18	18	17	0	53	4	162	7	0	173	2	19	0	0	21	21	295	11	0	327	574
Total Volume	65	60	28	0	153	6	611	54	0	671	15	69	0	0	84	83	1412	30	0	1525	2433
% App. Total	42.5	39.2	18.3	0		0.9	91.1	8	0		17.9	82.1	0	0		5.4	92.6	2	0		
PHF	.707	.833	.412	.000	.722	.375	.813	.675	.000	.856	.750	.750	.000	.000	.750	.669	.887	.682	.000	.895	.964



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Start Time	Jackson Ave NW Southbound					TH-10 Westbound					Jackson Ave NW Northbound					TH-10 Eastbound					Int. Total
	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 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:15																					
16:15	12	20	21	0	53	5	384	21	0	410	3	24	1	0	28	21	242	15	0	278	769
16:30	7	11	18	0	36	4	385	23	0	412	6	26	3	0	35	29	260	11	1	301	784
16:45	9	25	23	0	57	3	404	39	1	447	8	26	2	0	36	35	243	13	0	291	831
17:00	13	23	21	0	57	7	388	32	0	427	4	27	1	0	32	28	219	11	0	258	774
Total Volume	41	79	83	0	203	19	1561	115	1	1696	21	103	7	0	131	113	964	50	1	1128	3158
% App. Total	20.2	38.9	40.9	0		1.1	92	6.8	0.1		16	78.6	5.3	0		10	85.5	4.4	0.1		
PHF	.788	.790	.902	.000	.890	.679	.966	.737	.250	.949	.656	.954	.583	.000	.910	.807	.927	.833	.250	.937	.950

