

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-149 at Opperman Dr.

File Name : 116 - TH 149 & Opperman Dr

Site Code : 116

BY: Alliant Eng.

Start Date : 12/3/2014

TURN MOVEMENT COUNT

Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH 149 Southbound				Opperman Dr Westbound				TH 149 Northbound				Opperman Dr Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
06:00	5	19	50	0	5	10	11	0	2	82	7	0	1	1	0	0	193
06:15	6	35	75	0	3	6	8	0	6	109	1	0	1	0	0	0	250
06:30	6	43	82	0	4	14	22	0	12	108	6	0	36	9	0	0	342
06:45	15	38	119	0	6	20	20	0	20	159	4	0	12	1	0	0	414
Total	32	135	326	0	18	50	61	0	40	458	18	0	50	11	0	0	1199
07:00	17	58	133	0	7	21	30	0	21	198	5	0	7	0	1	0	498
07:15	20	47	134	0	8	24	22	0	19	215	8	0	9	0	0	0	506
07:30	34	53	209	0	10	32	23	0	40	242	6	0	5	0	2	0	656
07:45	41	58	250	0	14	31	24	0	38	258	9	0	6	2	0	0	731
Total	112	216	726	0	39	108	99	0	118	913	28	0	27	2	3	0	2391
08:00	40	61	200	0	6	18	27	0	16	167	18	0	3	0	1	0	557
08:15	41	89	182	0	11	25	26	0	28	168	22	0	14	1	2	0	609
08:30	31	59	176	0	10	19	38	0	20	122	13	0	12	0	1	0	501
08:45	21	60	185	0	5	17	17	0	14	73	7	0	5	2	0	0	406
Total	133	269	743	0	32	79	108	0	78	530	60	0	34	3	4	0	2073
09:00	17	47	124	0	7	12	27	0	8	62	8	0	5	0	1	0	318
09:15	24	58	83	0	24	6	48	0	11	82	8	0	6	0	0	0	350
*** BREAK ***																	
Total	41	105	207	0	31	18	75	0	19	144	16	0	11	0	1	0	668
*** BREAK ***																	
10:30	13	35	22	0	3	0	22	0	9	56	5	0	14	1	0	0	180
10:45	20	35	24	0	6	2	22	0	3	37	7	0	11	1	0	0	168
Total	33	70	46	0	9	2	44	0	12	93	12	0	25	2	0	0	348
11:00	10	37	22	0	7	2	15	0	2	48	7	0	14	1	1	0	166
11:15	11	46	16	0	6	3	16	0	3	38	5	0	35	2	4	0	185
11:30	17	56	1	0	4	4	19	0	3	56	2	0	30	5	1	0	198
11:45	12	51	10	0	3	8	20	0	4	43	4	1	21	6	0	0	183
Total	50	190	49	0	20	17	70	0	12	185	18	1	100	14	6	0	732
12:00	18	41	26	0	4	4	10	0	3	43	2	0	25	3	1	0	180
12:15	19	55	9	0	5	1	20	0	2	46	4	0	16	5	2	0	184
12:30	14	47	25	0	2	6	17	0	3	54	2	0	22	4	0	0	196
12:45	19	48	18	0	2	5	25	0	2	41	2	0	15	4	0	0	181
Total	70	191	78	0	13	16	72	0	10	184	10	0	78	16	3	0	741
13:00	15	44	14	0	1	3	15	0	9	57	3	0	24	5	0	0	190
13:15	26	42	4	0	0	2	14	1	2	52	5	0	24	3	1	0	176
*** BREAK ***																	
Total	41	86	18	0	1	5	29	1	11	109	8	0	48	8	1	0	366
*** BREAK ***																	
14:30	22	76	0	0	6	1	16	0	3	45	4	0	87	9	3	0	272
14:45	29	78	19	0	7	0	17	0	0	64	8	0	66	8	2	0	298
Total	51	154	19	0	13	1	33	0	3	109	12	0	153	17	5	0	570
15:00	22	93	9	0	7	2	29	0	2	57	5	0	127	15	2	0	370
15:15	34	96	6	0	8	3	21	0	1	44	8	0	89	7	2	0	319
15:30	45	112	17	0	11	1	25	0	3	76	9	0	149	25	4	0	477
15:45	62	138	0	0	7	1	31	0	4	89	12	0	112	20	3	0	479
Total	163	439	32	0	33	7	106	0	10	266	34	0	477	67	11	0	1645
16:00	39	99	0	0	6	2	24	0	5	44	6	0	204	23	8	0	460
16:15	39	117	0	0	7	2	29	0	1	57	10	0	264	33	10	0	569
16:30	49	185	0	0	10	0	33	0	1	55	13	0	232	34	15	0	627

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File Name : 116 - TH 149 & Opperman Dr

Site Code : 116

BY: Alliant Eng.

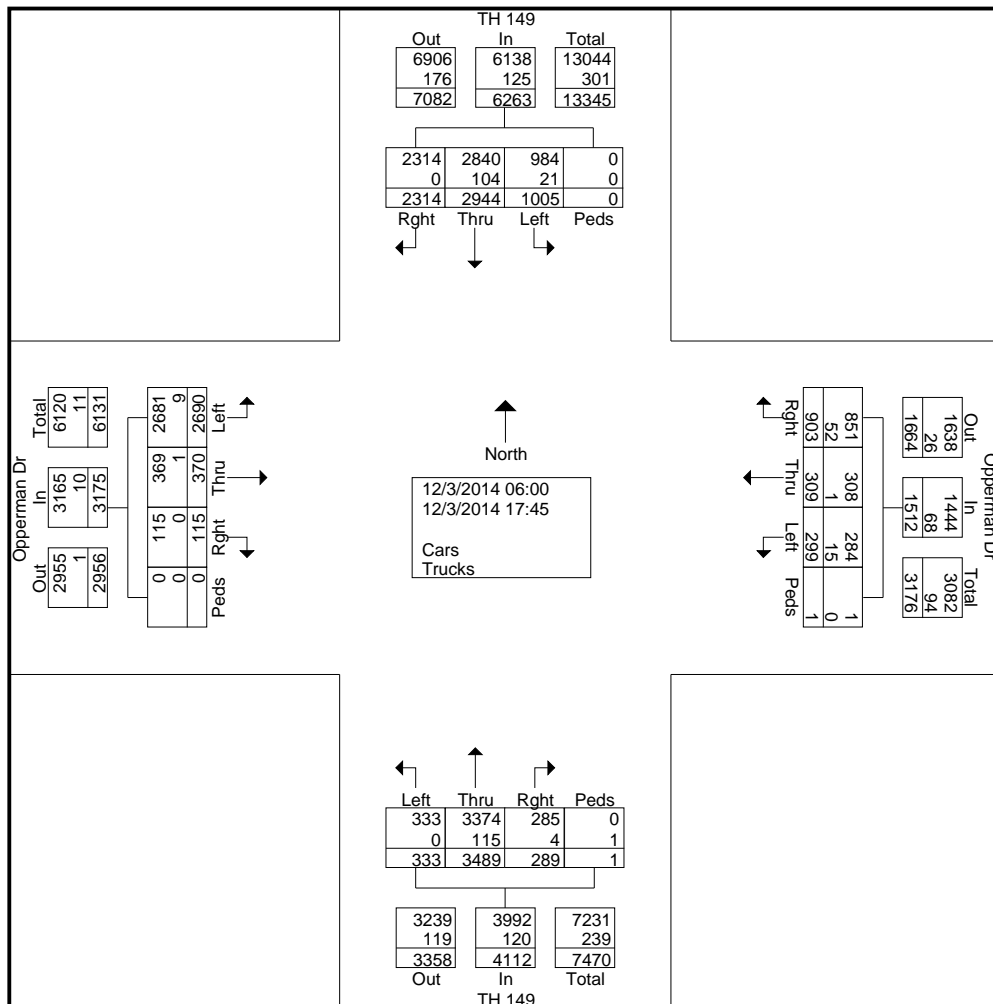
Start Date : 12/3/2014

TURN MOVEMENT COUNT

Page No : 2

Groups Printed- Cars - Trucks

Start Time	TH 149 Southbound				Opperman Dr Westbound				TH 149 Northbound				Opperman Dr Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
16:45	36	133	25	0	12	0	27	0	2	59	7	0	228	31	9	0	569
Total	163	534	25	0	35	4	113	0	9	215	36	0	928	121	42	0	2225
17:00	21	158	14	0	12	0	21	0	6	92	13	0	258	41	15	0	651
17:15	35	153	8	0	10	1	23	0	1	61	7	0	215	36	7	0	557
17:30	26	132	23	0	18	0	22	0	3	58	10	0	175	22	10	0	499
17:45	34	112	0	0	15	1	27	0	1	72	7	0	111	10	7	0	397
Total	116	555	45	0	55	2	93	0	11	283	37	0	759	109	39	0	2104
Grand Total	1005	2944	2314	0	299	309	903	1	333	3489	289	1	2690	370	115	0	15062
Apprch %	16	47	36.9	0	19.8	20.4	59.7	0.1	8.1	84.8	7	0	84.7	11.7	3.6	0	
Total %	6.7	19.5	15.4	0	2	2.1	6	0	2.2	23.2	1.9	0	17.9	2.5	0.8	0	
Cars	984	2840	2314	0	284	308	851	1	333	3374	285	0	2681	369	115	0	14739
% Cars	97.9	96.5	100	0	95	99.7	94.2	100	100	96.7	98.6	0	99.7	99.7	100	0	97.9
Trucks	21	104	0	0	15	1	52	0	0	115	4	1	9	1	0	0	323
% Trucks	2.1	3.5	0	0	5	0.3	5.8	0	0	3.3	1.4	100	0.3	0.3	0	0	2.1



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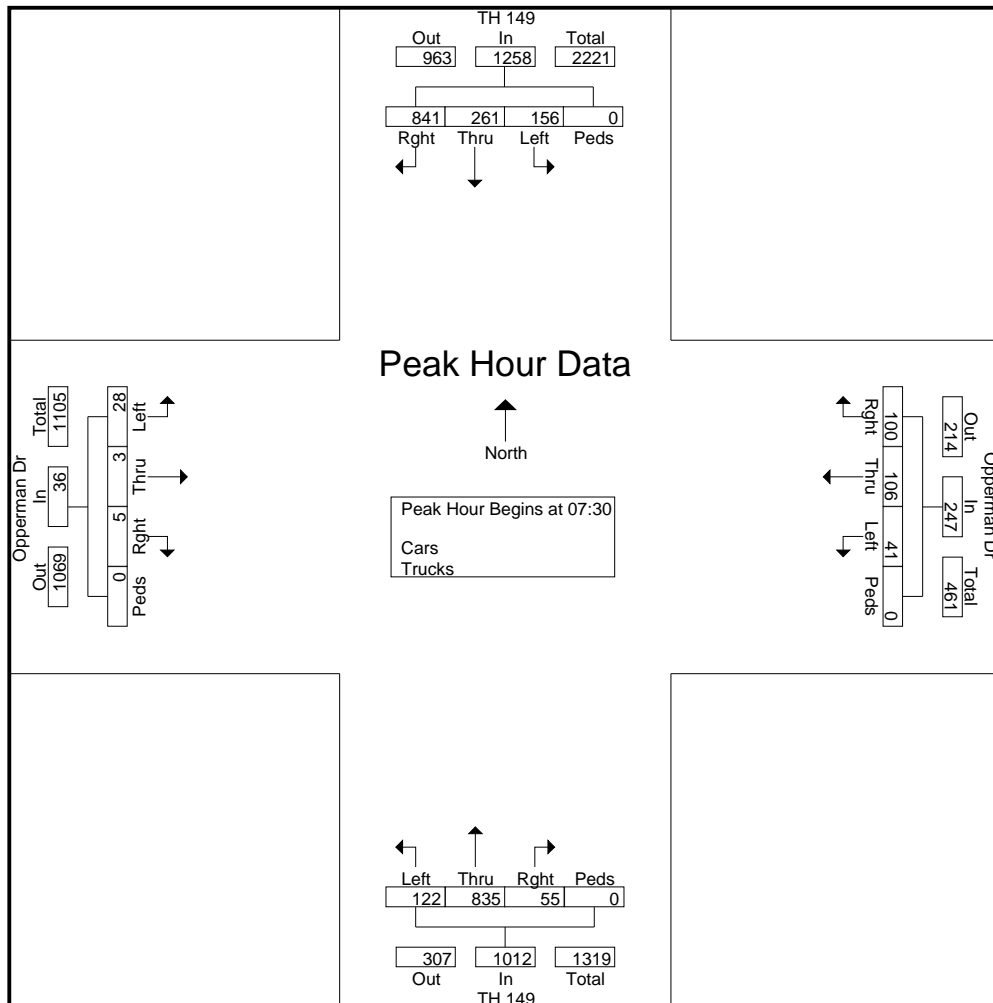
BY: Alliant Eng.

Start Date : 12/3/2014

TURN MOVEMENT COUNT

Page No : 3

Start Time	TH 149 Southbound					Opperman Dr Westbound					TH 149 Northbound					Opperman Dr Eastbound					Int. Total
	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	34	53	209	0	296	10	32	23	0	65	40	242	6	0	288	5	0	2	0	7	656
07:45	41	58	250	0	349	14	31	24	0	69	38	258	9	0	305	6	2	0	0	8	731
08:00	40	61	200	0	301	6	18	27	0	51	16	167	18	0	201	3	0	1	0	4	557
08:15	41	89	182	0	312	11	25	26	0	62	28	168	22	0	218	14	1	2	0	17	609
Total Volume	156	261	841	0	1258	41	106	100	0	247	122	835	55	0	1012	28	3	5	0	36	2553
% App. Total	12.4	20.7	66.9	0		16.6	42.9	40.5	0		12.1	82.5	5.4	0		77.8	8.3	13.9	0		
PHF	.951	.733	.841	.000	.901	.732	.828	.926	.000	.895	.763	.809	.625	.000	.830	.500	.375	.625	.000	.529	.873



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Page No : 4

Start Time	TH 149 Southbound					Opperman Dr Westbound					TH 149 Northbound					Opperman Dr Eastbound					Int. Total
	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	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	39	117	0	0	156	7	2	29	0	38	1	57	10	0	68	264	33	10	0	307	569
16:30	49	185	0	0	234	10	0	33	0	43	1	55	13	0	69	232	34	15	0	281	627
16:45	36	133	25	0	194	12	0	27	0	39	2	59	7	0	68	228	31	9	0	268	569
17:00	21	158	14	0	193	12	0	21	0	33	6	92	13	0	111	258	41	15	0	314	651
Total Volume	145	593	39	0	777	41	2	110	0	153	10	263	43	0	316	982	139	49	0	1170	2416
% App. Total	18.7	76.3	5	0		26.8	1.3	71.9	0		3.2	83.2	13.6	0		83.9	11.9	4.2	0		
PHF	.740	.801	.390	.000	.830	.854	.250	.833	.000	.890	.417	.715	.827	.000	.712	.930	.848	.817	.000	.932	.928

