

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-55 / 149 at Lone Oak Rd.

File Name : 113 - TH 55 & CSAH 33-Lone Oak Rd

Site Code : 113

BY: Alliant Eng.

Start Date : 11/18/2014

TURN MOVEMENT COUNT

Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH 55/149 Southbound				Lone Oak Rd Westbound				TH 55/149 Northbound				Lone Oak Rd Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
06:00	3	78	10	0	0	15	8	0	13	176	0	1	8	20	13	0	345
06:15	1	126	32	0	0	31	10	0	17	240	1	0	5	23	16	0	502
06:30	3	165	34	0	2	37	15	0	38	300	3	0	5	47	20	0	669
06:45	10	178	36	0	4	55	24	0	47	310	1	0	9	50	25	0	749
Total	17	547	112	0	6	138	57	0	115	1026	5	1	27	140	74	0	2265
07:00	10	174	15	0	1	36	9	0	32	362	2	0	9	34	35	0	719
07:15	15	216	6	0	2	37	27	0	25	377	0	0	7	67	28	0	807
07:30	26	216	16	0	2	52	18	0	13	379	3	0	13	52	42	0	832
07:45	24	234	16	0	0	48	23	0	41	388	3	0	29	73	44	0	923
Total	75	840	53	0	5	173	77	0	111	1506	8	0	58	226	149	0	3281
08:00	16	214	13	0	4	42	15	0	16	279	0	0	14	73	25	0	711
08:15	18	183	10	0	1	45	21	0	10	268	4	0	13	58	16	0	647
08:30	19	189	5	0	0	34	15	0	23	227	2	0	20	57	37	0	628
08:45	16	170	12	0	1	26	11	0	21	184	2	0	20	48	32	0	543
Total	69	756	40	0	6	147	62	0	70	958	8	0	67	236	110	0	2529
09:00	16	162	8	0	2	30	6	0	17	188	2	0	17	39	35	0	522
09:15	8	147	14	0	3	29	14	0	17	196	0	0	19	42	30	0	519
*** BREAK ***																	
Total	24	309	22	0	5	59	20	0	34	384	2	0	36	81	65	0	1041
*** BREAK ***																	
10:30	8	106	12	0	1	21	5	0	27	150	3	0	17	32	31	0	413
10:45	8	135	4	0	4	19	5	0	23	138	2	0	13	42	21	0	414
Total	16	241	16	0	5	40	10	0	50	288	5	0	30	74	52	0	827
11:00	8	94	15	0	2	23	7	0	28	114	2	0	21	24	39	0	377
11:15	8	113	10	0	2	44	13	0	31	149	2	0	20	31	41	0	464
11:30	7	143	10	0	4	40	12	0	31	146	0	0	22	43	48	0	506
11:45	8	150	12	0	4	44	9	0	33	150	5	0	13	46	50	0	524
Total	31	500	47	0	12	151	41	0	123	559	9	0	76	144	178	0	1871
12:00	12	140	15	0	4	55	15	0	26	143	0	0	17	42	43	0	512
12:15	7	110	13	0	1	44	7	0	27	140	5	0	20	45	29	0	448
12:30	14	145	5	0	5	41	13	0	31	166	2	0	10	48	41	0	521
12:45	4	121	10	0	1	42	9	0	33	152	9	0	13	46	44	0	484
Total	37	516	43	0	11	182	44	0	117	601	16	0	60	181	157	0	1965
13:00	9	128	11	0	3	43	13	0	33	154	0	0	14	38	28	0	474
13:15	4	131	15	0	3	38	9	0	33	133	2	0	9	45	26	0	448
*** BREAK ***																	
Total	13	259	26	0	6	81	22	0	66	287	2	0	23	83	54	0	922
*** BREAK ***																	
14:30	8	161	12	0	4	39	11	0	25	182	0	0	23	36	57	0	558
14:45	9	179	11	0	0	38	12	0	24	155	2	0	26	47	40	0	543
Total	17	340	23	0	4	77	23	0	49	337	2	0	49	83	97	0	1101
15:00	5	208	12	0	2	45	7	1	23	177	3	0	32	36	39	0	590
15:15	12	195	10	0	3	62	3	0	20	180	3	0	37	46	40	0	611
15:30	15	241	14	0	5	40	5	0	29	229	0	0	31	55	40	0	704
15:45	4	231	16	0	3	56	3	0	28	203	1	0	38	57	61	0	701
Total	36	875	52	0	13	203	18	1	100	789	7	0	138	194	180	0	2606
16:00	8	247	6	0	5	62	14	0	43	228	1	0	40	63	67	0	784
16:15	10	298	12	0	4	53	19	0	27	222	0	0	24	48	57	0	774
16:30	17	336	6	0	11	86	25	0	41	261	1	0	37	73	75	0	969

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TURN MOVEMENT COUNT

Groups Printed- Cars - Trucks

Start Time	TH 55/149 Southbound				Lone Oak Rd Westbound				TH 55/149 Northbound				Lone Oak Rd Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
16:45	13	327	11	0	6	58	21	0	41	248	4	0	30	63	73	0	895
Total	48	1208	35	0	26	259	79	0	152	959	6	0	131	247	272	0	3422
17:00	10	336	9	0	2	74	21	0	26	266	0	0	54	73	90	0	961
17:15	11	375	15	0	4	45	13	0	47	258	4	0	20	46	74	0	912
17:30	13	283	5	0	2	57	15	0	34	241	1	0	19	43	66	0	779
17:45	14	264	9	0	1	23	15	0	46	247	3	0	23	53	49	0	747
Total	48	1258	38	0	9	199	64	0	153	1012	8	0	116	215	279	0	3399
Grand Total	431	7649	507	0	108	1709	517	1	1140	8706	78	1	811	1904	1667	0	25229
Apprch %	5	89.1	5.9	0	4.6	73.2	22.1	0	11.5	87.7	0.8	0	18.5	43.5	38	0	
Total %	1.7	30.3	2	0	0.4	6.8	2	0	4.5	34.5	0.3	0	3.2	7.5	6.6	0	
Cars	424	7040	406	0	101	1659	491	1	1013	8110	77	1	688	1850	1506	0	23367
% Cars	98.4	92	80.1	0	93.5	97.1	95	100	88.9	93.2	98.7	100	84.8	97.2	90.3	0	92.6
Trucks	7	609	101	0	7	50	26	0	127	596	1	0	123	54	161	0	1862
% Trucks	1.6	8	19.9	0	6.5	2.9	5	0	11.1	6.8	1.3	0	15.2	2.8	9.7	0	7.4

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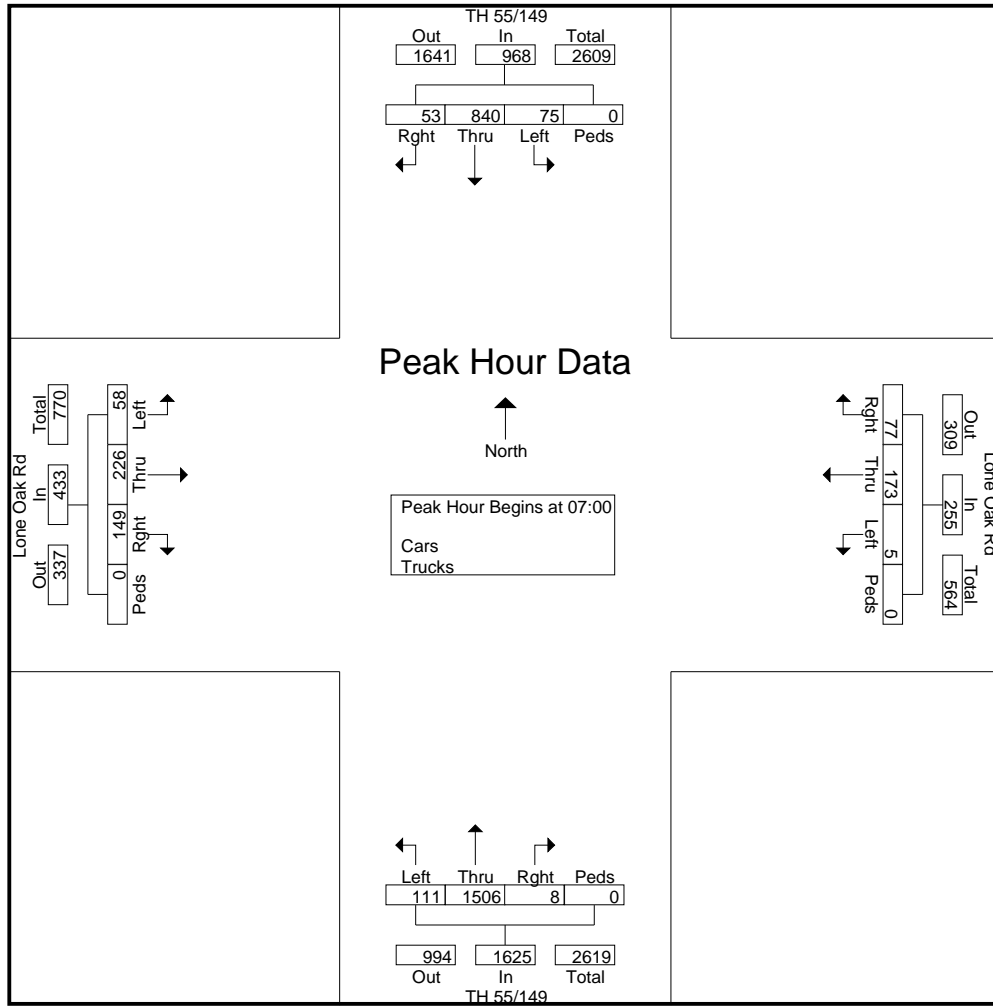
Start Date : 11/18/2014

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Start Time	TH 55/149 Southbound					Lone Oak Rd Westbound					TH 55/149 Northbound					Lone Oak Rd 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 07:00																					
07:00	10	174	15	0	199	1	36	9	0	46	32	362	2	0	396	9	34	35	0	78	719
07:15	15	216	6	0	237	2	37	27	0	66	25	377	0	0	402	7	67	28	0	102	807
07:30	26	216	16	0	258	2	52	18	0	72	13	379	3	0	395	13	52	42	0	107	832
07:45	24	234	16	0	274	0	48	23	0	71	41	388	3	0	432	29	73	44	0	146	923
Total Volume	75	840	53	0	968	5	173	77	0	255	111	1506	8	0	1625	58	226	149	0	433	3281
% App. Total	7.7	86.8	5.5	0		2	67.8	30.2	0		6.8	92.7	0.5	0		13.4	52.2	34.4	0		
PHF	.721	.897	.828	.000	.883	.625	.832	.713	.000	.885	.677	.970	.667	.000	.940	.500	.774	.847	.000	.741	.889



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Start Time	TH 55/149 Southbound					Lone Oak Rd Westbound					TH 55/149 Northbound					Lone Oak Rd 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 16:30																					
16:30	17	336	6	0	359	11	86	25	0	122	41	261	1	0	303	37	73	75	0	185	969
16:45	13	327	11	0	351	6	58	21	0	85	41	248	4	0	293	30	63	73	0	166	895
17:00	10	336	9	0	355	2	74	21	0	97	26	266	0	0	292	54	73	90	0	217	961
17:15	11	375	15	0	401	4	45	13	0	62	47	258	4	0	309	20	46	74	0	140	912
Total Volume	51	1374	41	0	1466	23	263	80	0	366	155	1033	9	0	1197	141	255	312	0	708	3737
% App. Total	3.5	93.7	2.8	0		6.3	71.9	21.9	0		12.9	86.3	0.8	0		19.9	36	44.1	0		
PHF	.750	.916	.683	.000	.914	.523	.765	.800	.000	.750	.824	.971	.563	.000	.968	.653	.873	.867	.000	.816	.964

