

# Alliant Engineering Inc Minneapolis, MN 55415

TH-149 at Lone Oak Parkway  
Ref.Pt.: 003.613  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 16\_TH 149 at Lone Oak Pkwy\_022310  
Site Code : 00000016  
Start Date : 2/23/2010  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	TH-149 / Dodd Rd Southbound				Lone Oak Parkway Westbound				TH-149 / Dodd Rd Northbound				commercial entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	21	70	5	1	1	1	1	0	5	60	7	0	0	1	0	0	173
06:15	29	76	16	0	0	0	0	0	1	69	17	0	1	0	1	0	210
06:30	41	89	17	0	1	1	1	0	5	96	11	0	3	1	3	0	269
06:45	38	104	24	2	1	1	3	0	11	96	15	0	3	0	2	0	300
Total	129	339	62	3	3	3	5	0	22	321	50	0	7	2	6	0	952
07:00	48	97	23	0	1	0	6	0	4	143	13	0	3	0	3	0	341
07:15	64	124	28	0	5	0	9	1	8	158	21	0	5	2	3	0	428
07:30	46	112	22	1	1	1	6	1	13	164	22	0	6	2	3	0	400
07:45	63	157	16	0	1	0	6	0	9	133	32	0	2	5	3	0	427
Total	221	490	89	1	8	1	27	2	34	598	88	0	16	9	12	0	1596
08:00	85	139	29	0	2	2	5	0	5	122	16	0	5	5	7	0	422
08:15	51	133	27	1	2	0	5	0	10	96	14	1	3	0	6	0	349
08:30	28	88	22	0	3	1	5	0	5	88	8	0	5	2	4	0	259
08:45	43	86	13	0	2	1	6	0	7	91	8	0	5	0	2	0	264
Total	207	446	91	1	9	4	21	0	27	397	46	1	18	7	19	0	1294
09:00	39	89	18	0	1	3	10	0	5	90	12	0	0	0	2	0	269
09:15	20	64	13	0	1	2	4	0	4	77	4	0	2	3	6	0	200
*** BREAK ***																	
Total	59	153	31	0	2	5	14	0	9	167	16	0	2	3	8	0	469
*** BREAK ***																	
10:30	18	77	7	0	5	1	13	0	4	75	5	0	7	2	7	0	221
10:45	23	50	11	0	5	1	10	0	2	84	1	0	3	0	4	0	194
Total	41	127	18	0	10	2	23	0	6	159	6	0	10	2	11	0	415
11:00	5	46	7	0	1	2	15	0	5	78	0	0	8	1	13	0	181
11:15	9	61	12	0	2	7	17	0	10	73	2	0	7	5	12	0	217
11:30	11	61	17	0	7	3	16	0	7	94	1	0	8	3	16	0	244
11:45	12	64	5	0	7	8	9	0	10	90	3	0	9	5	24	0	246
Total	37	232	41	0	17	20	57	0	32	335	6	0	32	14	65	0	888
12:00	12	66	7	0	8	7	12	0	25	86	4	0	8	2	11	0	248
12:15	14	61	13	0	6	6	13	0	21	76	5	0	4	5	11	0	235
12:30	7	68	13	0	3	2	11	1	9	86	7	0	15	6	20	0	248
12:45	20	70	4	0	1	1	11	1	7	60	5	0	6	5	12	0	203
Total	53	265	37	0	18	16	47	2	62	308	21	0	33	18	54	0	934
13:00	11	60	8	0	2	1	8	0	8	82	4	0	8	5	6	0	203
13:15	12	63	9	0	4	2	11	0	7	81	6	0	4	6	14	0	219
*** BREAK ***																	
Total	23	123	17	0	6	3	19	0	15	163	10	0	12	11	20	0	422
*** BREAK ***																	
14:15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14:30	15	75	3	0	8	0	30	0	7	141	2	0	8	2	6	0	297
14:45	16	73	9	0	4	0	22	0	1	105	3	0	4	0	8	0	245
Total	33	148	12	0	12	0	52	0	8	246	5	0	12	2	14	0	544
15:00	16	69	6	0	9	0	24	0	5	119	3	0	8	2	8	0	269
15:15	9	92	3	0	7	1	46	0	3	113	2	0	19	2	2	0	299
15:30	7	76	10	0	11	2	71	0	6	170	4	0	16	3	7	0	383
15:45	10	99	4	0	15	0	43	0	2	134	3	0	10	3	8	0	331
Total	42	336	23	0	42	3	184	0	16	536	12	0	53	10	25	0	1282

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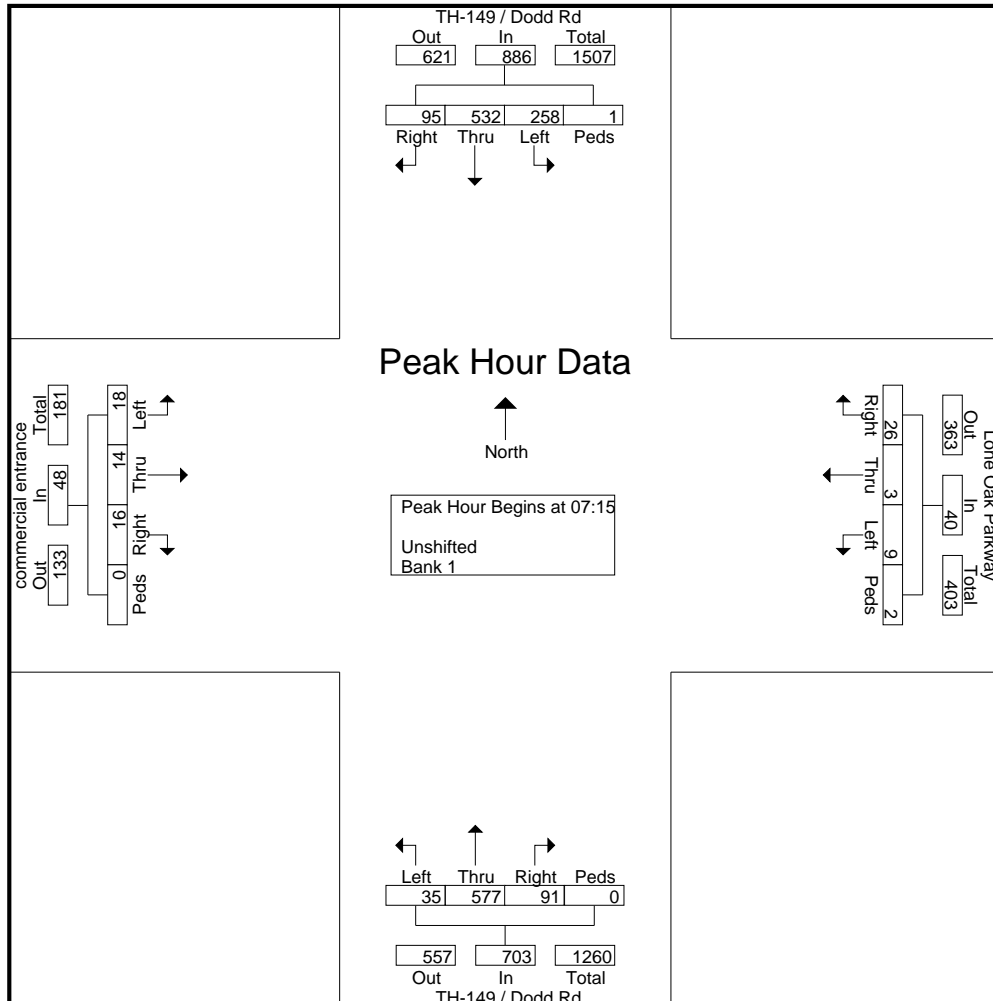
Start Time	TH-149 / Dodd Rd Southbound				Lone Oak Parkway Westbound				TH-149 / Dodd Rd Northbound				commercial entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	16	103	11	0	10	3	79	0	7	170	7	0	21	1	12	0	440
16:15	12	111	5	0	9	1	70	0	3	156	3	0	7	0	11	0	388
16:30	11	111	6	0	27	1	76	0	7	171	3	0	30	2	11	0	456
16:45	2	117	1	0	22	5	54	0	7	169	5	0	13	3	6	0	404
Total	41	442	23	0	68	10	279	0	24	666	18	0	71	6	40	0	1688
17:00	3	105	4	0	12	6	90	0	9	222	5	0	14	2	8	0	480
17:15	3	135	15	0	5	2	50	0	7	160	4	0	19	0	11	0	411
17:30	4	108	8	0	13	1	42	1	6	130	4	0	17	2	8	0	344
17:45	4	104	6	0	8	0	33	0	2	133	3	0	11	0	5	0	309
Total	14	452	33	0	38	9	215	1	24	645	16	0	61	4	32	0	1544
Grand Total	900	3553	477	5	233	76	943	5	279	4541	294	1	327	88	306	0	12028
Apprch %	18.2	72	9.7	0.1	18.5	6	75	0.4	5.5	88.8	5.7	0	45.4	12.2	42.4	0	
Total %	7.5	29.5	4	0	1.9	0.6	7.8	0	2.3	37.8	2.4	0	2.7	0.7	2.5	0	
Unshifted	874	3390	470	5	224	72	928	5	274	4385	281	1	325	88	299	0	11621
% Unshifted	97.1	95.4	98.5	100	96.1	94.7	98.4	100	98.2	96.6	95.6	100	99.4	100	97.7	0	96.6
Bank 1	26	163	7	0	9	4	15	0	5	156	13	0	2	0	7	0	407
% Bank 1	2.9	4.6	1.5	0	3.9	5.3	1.6	0	1.8	3.4	4.4	0	0.6	0	2.3	0	3.4

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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	64	124	28	0	216	5	0	9	1	15	8	158	21	0	187	5	2	3	0	10	428
07:30	46	112	22	1	181	1	1	6	1	9	13	164	22	0	199	6	2	3	0	11	400
07:45	63	157	16	0	236	1	0	6	0	7	9	133	32	0	174	2	5	3	0	10	427
08:00	85	139	29	0	253	2	2	5	0	9	5	122	16	0	143	5	5	7	0	17	422
Total Volume	258	532	95	1	886	9	3	26	2	40	35	577	91	0	703	18	14	16	0	48	1677
% App. Total	29.1	60	10.7	0.1		22.5	7.5	65	5		5	82.1	12.9	0		37.5	29.2	33.3	0		
PHF	.759	.847	.819	.250	.875	.450	.375	.722	.500	.667	.673	.880	.711	.000	.883	.750	.700	.571	.000	.706	.980



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	11	111	6	0	128	27	1	76	0	104	7	171	3	0	181	30	2	11	0	43	456
16:45	2	117	1	0	120	22	5	54	0	81	7	169	5	0	181	13	3	6	0	22	404
17:00	3	105	4	0	112	12	6	90	0	108	9	222	5	0	236	14	2	8	0	24	480
17:15	3	135	15	0	153	5	2	50	0	57	7	160	4	0	171	19	0	11	0	30	411
Total Volume	19	468	26	0	513	66	14	270	0	350	30	722	17	0	769	76	7	36	0	119	1751
% App. Total	3.7	91.2	5.1	0		18.9	4	77.1	0		3.9	93.9	2.2	0		63.9	5.9	30.3	0		
PHF	.432	.867	.433	.000	.838	.611	.583	.750	.000	.810	.833	.813	.850	.000	.815	.633	.583	.818	.000	.692	.912

