

Alliant Engineering Inc Minneapolis, MN 55415

Vicksburg Lane at 36th Ave N
Ref.Pt.
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 42_Vicksburg Ln at 36th Ave_012511
Site Code : 42
Start Date : 1/25/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Vicksburg Lane Southbound				36th Ave N Westbound				Vicksburg Lane Northbound				36th Ave N Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	5	81	0	0	16	8	2	0	3	13	5	0	1	2	2	0	138
06:15	4	82	2	0	9	7	7	0	1	32	10	0	0	9	4	0	167
06:30	1	113	1	0	9	4	3	0	1	46	8	0	1	7	8	0	202
06:45	11	140	7	0	7	2	4	0	5	35	8	0	0	7	3	0	229
Total	21	416	10	0	41	21	16	0	10	126	31	0	2	25	17	0	736
07:00	12	168	2	0	20	2	4	1	7	38	17	0	0	9	6	0	286
07:15	10	181	7	1	10	5	6	0	8	42	18	0	0	41	5	1	335
07:30	15	180	3	0	12	10	8	0	5	44	16	0	1	22	10	0	326
07:45	12	99	4	0	7	3	10	0	10	45	9	0	1	15	1	0	216
Total	49	628	16	1	49	20	28	1	30	169	60	0	2	87	22	1	1163
08:00	11	126	2	0	9	7	4	0	5	33	19	0	0	10	4	0	230
08:15	6	102	4	0	6	5	5	0	4	35	20	0	1	16	6	0	210
08:30	21	116	4	0	10	14	4	0	7	40	20	0	3	25	6	0	270
08:45	9	64	1	0	11	13	6	0	0	58	33	0	0	8	3	0	206
Total	47	408	11	0	36	39	19	0	16	166	92	0	4	59	19	0	916
09:00	3	30	1	0	7	10	6	0	3	25	26	0	0	11	3	0	125
09:15	12	55	1	0	13	8	10	0	2	47	24	0	0	13	3	0	188
*** BREAK ***																	
Total	15	85	2	0	20	18	16	0	5	72	50	0	0	24	6	0	313
*** BREAK ***																	
10:30	13	43	1	1	25	9	12	0	1	36	21	0	0	6	5	0	173
10:45	16	49	0	0	29	15	12	0	0	35	20	0	2	10	4	0	192
Total	29	92	1	1	54	24	24	0	1	71	41	0	2	16	9	0	365
11:00	11	64	2	0	32	15	17	0	2	45	21	0	1	11	4	0	225
11:15	12	51	3	0	37	14	15	0	2	47	21	0	1	10	15	0	228
11:30	12	63	1	0	24	18	12	0	4	61	25	0	4	14	8	0	246
11:45	17	53	1	0	24	16	20	0	2	60	18	0	2	20	6	0	239
Total	52	231	7	0	117	63	64	0	10	213	85	0	8	55	33	0	938
12:00	9	58	4	0	32	14	27	0	3	66	32	1	1	8	8	0	263
12:15	7	57	4	3	28	22	11	0	5	54	18	2	3	7	6	1	228
12:30	7	57	4	0	29	11	18	0	3	50	26	0	3	11	6	0	225
12:45	13	64	3	0	24	16	10	0	10	60	33	0	2	10	7	0	252
Total	36	236	15	3	113	63	66	0	21	230	109	3	9	36	27	1	968
13:00	13	52	7	0	32	9	14	0	4	34	19	0	4	11	6	1	206
13:15	12	54	3	0	19	8	16	0	5	61	27	0	3	21	3	0	232
*** BREAK ***																	
Total	25	106	10	0	51	17	30	0	9	95	46	0	7	32	9	1	438
*** BREAK ***																	
14:30	9	62	2	1	27	10	14	0	1	51	20	1	2	8	7	0	215
14:45	16	47	3	0	20	14	18	0	3	75	18	0	2	15	2	0	233
Total	25	109	5	1	47	24	32	0	4	126	38	1	4	23	9	0	448
15:00	18	68	1	0	26	7	20	0	3	73	21	0	3	11	6	0	257
15:15	18	63	3	0	29	6	27	0	6	86	31	1	2	9	6	1	288
15:30	13	85	3	0	25	23	28	0	6	111	22	0	1	18	6	0	341
15:45	18	79	1	0	32	14	27	0	2	92	34	0	1	16	4	0	320
Total	67	295	8	0	112	50	102	0	17	362	108	1	7	54	22	1	1206

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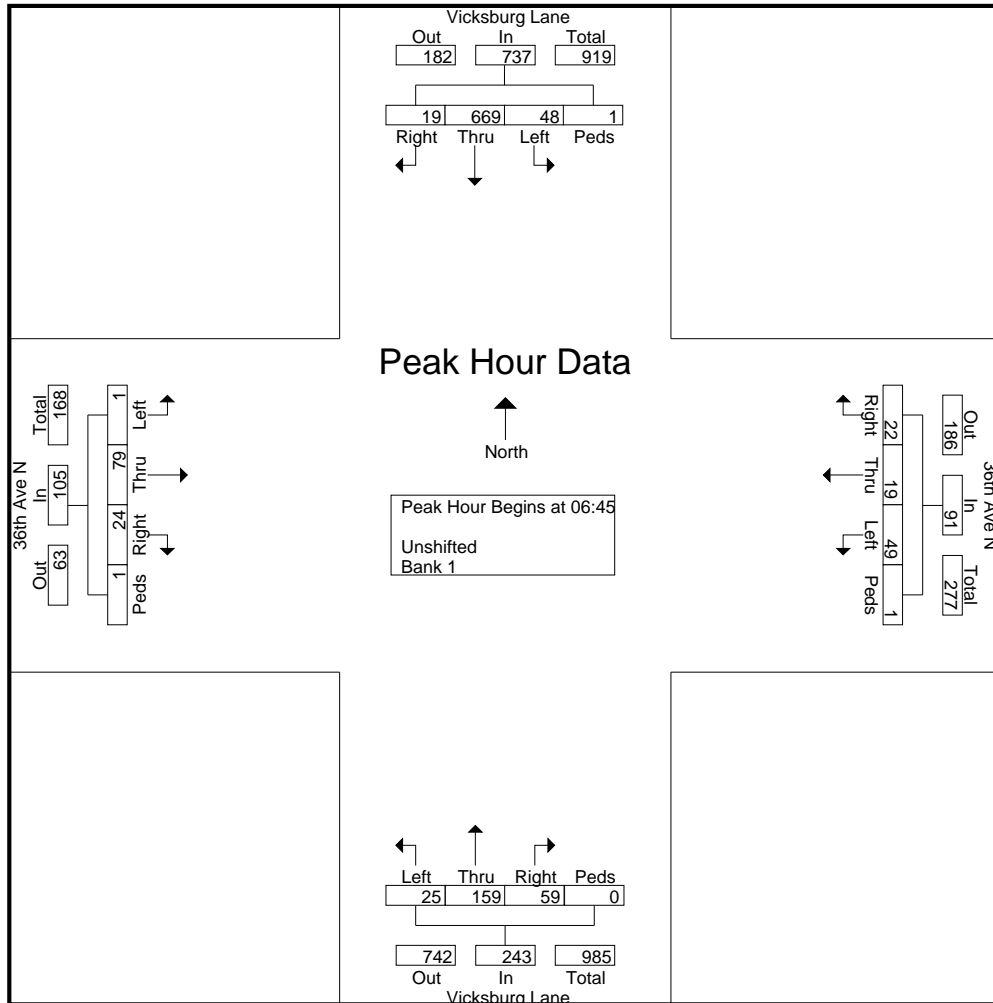
Start Time	Vicksburg Lane Southbound				36th Ave N Westbound				Vicksburg Lane Northbound				36th Ave N Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	15	76	1	0	21	19	27	0	2	127	36	0	4	18	3	0	349
16:15	19	73	2	0	34	19	31	0	4	114	29	1	2	16	10	0	354
16:30	14	69	3	1	35	20	33	0	5	108	39	0	7	20	6	1	361
16:45	13	81	1	0	32	27	30	0	4	169	40	0	3	16	7	0	423
Total	61	299	7	1	122	85	121	0	15	518	144	1	16	70	26	1	1487
17:00	17	75	1	0	45	31	32	0	6	158	47	0	3	18	15	0	448
17:15	26	88	3	0	28	22	41	0	5	184	40	0	0	20	7	0	464
17:30	15	64	0	0	33	34	35	0	7	138	46	0	4	16	12	0	404
17:45	12	104	2	0	38	27	35	0	5	136	37	0	1	19	5	0	421
Total	70	331	6	0	144	114	143	0	23	616	170	0	8	73	39	0	1737
Grand Total	497	3236	98	7	906	538	661	1	161	2764	974	6	69	554	238	5	10715
Apprch %	12.9	84.3	2.6	0.2	43	25.5	31.4	0	4.1	70.8	24.9	0.2	8	64	27.5	0.6	
Total %	4.6	30.2	0.9	0.1	8.5	5	6.2	0	1.5	25.8	9.1	0.1	0.6	5.2	2.2	0	
Unshifted	492	3120	95	7	888	534	652	1	149	2690	958	6	64	545	229	5	10435
% Unshifted	99	96.4	96.9	100	98	99.3	98.6	100	92.5	97.3	98.4	100	92.8	98.4	96.2	100	97.4
Bank 1	5	116	3	0	18	4	9	0	12	74	16	0	5	9	9	0	280
% Bank 1	1	3.6	3.1	0	2	0.7	1.4	0	7.5	2.7	1.6	0	7.2	1.6	3.8	0	2.6

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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 06:45																					
06:45	11	140	7	0	158	7	2	4	0	13	5	35	8	0	48	0	7	3	0	10	229
07:00	12	168	2	0	182	20	2	4	1	27	7	38	17	0	62	0	9	6	0	15	286
07:15	10	181	7	1	199	10	5	6	0	21	8	42	18	0	68	0	41	5	1	47	335
07:30	15	180	3	0	198	12	10	8	0	30	5	44	16	0	65	1	22	10	0	33	326
Total Volume	48	669	19	1	737	49	19	22	1	91	25	159	59	0	243	1	79	24	1	105	1176
% App. Total	6.5	90.8	2.6	0.1		53.8	20.9	24.2	1.1		10.3	65.4	24.3	0		1	75.2	22.9	1		
PHF	.800	.924	.679	.250	.926	.613	.475	.688	.250	.758	.781	.903	.819	.000	.893	.250	.482	.600	.250	.559	.878



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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 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	13	81	1	0	95	32	27	30	0	89	4	169	40	0	213	3	16	7	0	26	423
17:00	17	75	1	0	93	45	31	32	0	108	6	158	47	0	211	3	18	15	0	36	448
17:15	26	88	3	0	117	28	22	41	0	91	5	184	40	0	229	0	20	7	0	27	464
17:30	15	64	0	0	79	33	34	35	0	102	7	138	46	0	191	4	16	12	0	32	404
Total Volume	71	308	5	0	384	138	114	138	0	390	22	649	173	0	844	10	70	41	0	121	1739
% App. Total	18.5	80.2	1.3	0		35.4	29.2	35.4	0		2.6	76.9	20.5	0		8.3	57.9	33.9	0		
PHF	.683	.875	.417	.000	.821	.767	.838	.841	.000	.903	.786	.882	.920	.000	.921	.625	.875	.683	.000	.840	.937

