

Alliant Engineering Inc Minneapolis, MN 55415

Vicksburg Lane at 35th Ave N/parking lot
Ref.Pt.:
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 41_Vicksburg Ln at 35th Ave_012511
Site Code : 00000041
Start Date : 1/25/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Vicksburg Lane Southbound				35th Ave N / parking lot entrance Westbound				Vicksburg Lane Northbound				35th Ave N / parking lot entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	23	3	0	1	0	0	0	1	16	4	0	0	0	0	0	48
06:15	3	25	2	0	1	0	0	0	4	18	5	0	0	0	1	0	59
06:30	5	80	9	0	5	3	0	0	7	18	10	0	0	0	6	0	143
06:45	2	67	16	0	4	0	1	0	10	32	13	0	2	1	6	0	154
Total	10	195	30	0	11	3	1	0	22	84	32	0	2	1	13	0	404
07:00	6	119	9	0	8	2	0	0	4	43	8	0	4	1	8	0	212
07:15	5	148	5	0	10	0	1	0	3	39	16	0	3	0	6	0	236
07:30	9	187	8	0	10	1	2	0	6	65	12	0	1	0	11	0	312
07:45	4	168	13	0	7	0	1	0	18	63	21	0	0	2	8	0	305
Total	24	622	35	0	35	3	4	0	31	210	57	0	8	3	33	0	1065
08:00	10	168	14	0	12	2	1	0	7	61	24	0	3	2	15	0	319
08:15	1	108	11	0	20	3	2	0	5	55	23	0	5	1	13	0	247
08:30	6	110	6	0	15	2	2	0	7	55	34	0	2	0	7	0	246
08:45	8	103	12	0	18	1	1	0	11	46	22	0	4	3	9	0	238
Total	25	489	43	0	65	8	6	0	30	217	103	0	14	6	44	0	1050
09:00	6	107	9	0	16	3	4	0	14	52	24	0	4	1	9	0	249
09:15	5	62	15	0	16	0	4	0	15	75	18	0	5	1	10	0	226
*** BREAK ***																	
Total	11	169	24	0	32	3	8	0	29	127	42	0	9	2	19	0	475
*** BREAK ***																	
10:30	4	47	19	0	33	6	4	0	15	39	25	0	10	4	14	0	220
10:45	5	52	26	0	27	7	1	0	26	48	30	1	7	1	15	0	246
Total	9	99	45	0	60	13	5	0	41	87	55	1	17	5	29	0	466
11:00	6	60	24	0	23	8	1	0	41	44	44	0	19	7	11	0	288
11:15	4	69	19	0	39	11	2	0	50	56	48	0	14	7	19	0	338
11:30	4	52	18	0	36	5	2	0	60	60	53	0	17	8	30	0	345
11:45	10	57	18	0	59	11	5	0	78	64	70	0	14	8	21	0	415
Total	24	238	79	0	157	35	10	0	229	224	215	0	64	30	81	0	1386
12:00	1	71	15	0	50	8	0	0	63	70	46	0	28	5	24	0	381
12:15	5	74	8	0	41	10	3	0	62	54	38	0	20	11	36	0	362
12:30	4	53	24	0	45	12	3	0	34	46	46	0	19	10	51	0	347
12:45	8	56	21	0	37	5	4	0	32	75	33	0	21	11	45	0	348
Total	18	254	68	0	173	35	10	0	191	245	163	0	88	37	156	0	1438
13:00	10	51	18	0	38	4	2	0	47	42	39	0	18	4	31	0	304
13:15	6	41	9	0	47	6	1	0	40	73	44	0	19	8	35	0	329
*** BREAK ***																	
Total	16	92	27	0	85	10	3	0	87	115	83	0	37	12	66	0	633
*** BREAK ***																	
14:30	3	69	17	0	32	10	4	0	34	49	45	0	17	4	15	0	299
14:45	5	53	17	0	32	5	6	0	37	58	40	0	24	7	31	0	315
Total	8	122	34	0	64	15	10	0	71	107	85	0	41	11	46	0	614
15:00	3	62	12	0	34	1	4	0	38	56	29	1	16	6	34	0	296
15:15	6	76	15	0	25	4	1	0	26	74	41	0	12	0	19	0	299
15:30	3	71	17	0	39	8	6	0	26	82	31	1	12	5	19	0	320
15:45	4	66	20	0	44	13	4	0	27	99	50	1	19	4	19	0	370
Total	16	275	64	0	142	26	15	0	117	311	151	3	59	15	91	0	1285

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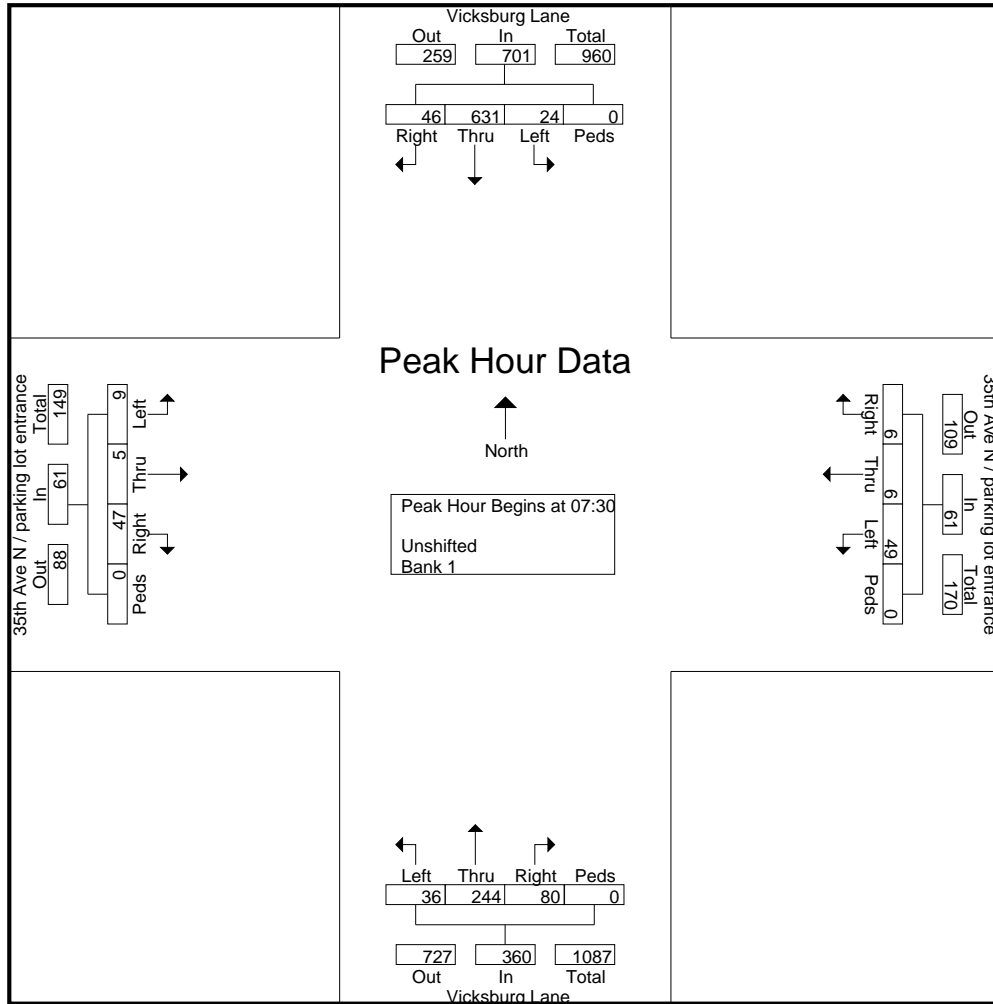
Start Time	Vicksburg Lane Southbound				35th Ave N / parking lot entrance Westbound				Vicksburg Lane Northbound				35th Ave N / parking lot entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	6	63	15	0	33	9	3	0	36	114	41	0	36	8	16	0	380
16:15	3	109	15	0	32	6	7	0	52	115	54	1	19	4	23	0	440
16:30	0	78	11	0	34	5	3	0	41	90	48	2	28	5	25	0	370
16:45	11	62	21	0	47	7	9	0	57	165	49	0	15	5	32	0	480
Total	20	312	62	0	146	27	22	0	186	484	192	3	98	22	96	0	1670
17:00	12	70	21	0	44	9	3	0	35	143	46	0	15	3	18	0	419
17:15	8	85	21	0	52	8	6	3	46	170	50	3	27	5	30	0	514
17:30	0	84	29	0	38	9	11	0	79	124	48	0	25	10	37	0	494
17:45	9	99	31	0	33	4	5	0	73	132	56	0	31	9	47	0	529
Total	29	338	102	0	167	30	25	3	233	569	200	3	98	27	132	0	1956
Grand Total	210	3205	613	0	1137	208	119	3	1267	2780	1378	10	535	171	806	0	12442
Apprch %	5.2	79.6	15.2	0	77.5	14.2	8.1	0.2	23.3	51.1	25.4	0.2	35.4	11.3	53.3	0	
Total %	1.7	25.8	4.9	0	9.1	1.7	1	0	10.2	22.3	11.1	0.1	4.3	1.4	6.5	0	
Unshifted	206	3082	603	0	1127	206	118	3	1257	2743	1371	9	531	169	801	0	12226
% Unshifted	98.1	96.2	98.4	0	99.1	99	99.2	100	99.2	98.7	99.5	90	99.3	98.8	99.4	0	98.3
Bank 1	4	123	10	0	10	2	1	0	10	37	7	1	4	2	5	0	216
% Bank 1	1.9	3.8	1.6	0	0.9	1	0.8	0	0.8	1.3	0.5	10	0.7	1.2	0.6	0	1.7

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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 07:30																					
07:30	9	187	8	0	204	10	1	2	0	13	6	65	12	0	83	1	0	11	0	12	312
07:45	4	168	13	0	185	7	0	1	0	8	18	63	21	0	102	0	2	8	0	10	305
08:00	10	168	14	0	192	12	2	1	0	15	7	61	24	0	92	3	2	15	0	20	319
08:15	1	108	11	0	120	20	3	2	0	25	5	55	23	0	83	5	1	13	0	19	247
Total Volume	24	631	46	0	701	49	6	6	0	61	36	244	80	0	360	9	5	47	0	61	1183
% App. Total	3.4	90	6.6	0		80.3	9.8	9.8	0		10	67.8	22.2	0		14.8	8.2	77	0		
PHF	.600	.844	.821	.000	.859	.613	.500	.750	.000	.610	.500	.938	.833	.000	.882	.450	.625	.783	.000	.763	.927



Peak Hour Begins at 07:30
Unshifted
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Start Time	Vicksburg Lane Southbound					35th Ave N / parking lot entrance Westbound					Vicksburg Lane Northbound					35th Ave N / parking lot entrance Eastbound					Int. Total
	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 17:00																					
17:00	12	70	21	0	103	44	9	3	0	56	35	143	46	0	224	15	3	18	0	36	419
17:15	8	85	21	0	114	52	8	6	3	69	46	170	50	3	269	27	5	30	0	62	514
17:30	0	84	29	0	113	38	9	11	0	58	79	124	48	0	251	25	10	37	0	72	494
17:45	9	99	31	0	139	33	4	5	0	42	73	132	56	0	261	31	9	47	0	87	529
Total Volume	29	338	102	0	469	167	30	25	3	225	233	569	200	3	1005	98	27	132	0	257	1956
% App. Total	6.2	72.1	21.7	0		74.2	13.3	11.1	1.3		23.2	56.6	19.9	0.3		38.1	10.5	51.4	0		
PHF	.604	.854	.823	.000	.844	.803	.833	.568	.250	.815	.737	.837	.893	.250	.934	.790	.675	.702	.000	.739	.924

