

# Alliant Engineering, Inc.

233 Park Ave Suite 300  
 Minneapolis, MN 55415

--TRAFFIC DATA--

Vicksburg Lane and 35th Avenue  
 Ref.Pt.: 179.189  
 data by : Alliant Inc.  
 TURN MOVEMENT COUNT

File Name : 522\_Vicksburg Lane and 35th Avenue  
 Site Code : 522\_\_\_\_\_  
 Start Date : 1/17/2018  
 Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	Vicksburg Ln From North					35th Ave From East					Vicksburg Ln From South					35th Ave From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
06:00 AM	0	0	31	0	31	0	2	0	3	5	0	5	17	4	26	0	1	0	0	1	63
06:15 AM	0	2	41	1	44	0	1	1	4	6	0	4	31	4	39	0	7	0	0	7	96
06:30 AM	0	0	46	0	46	0	0	0	2	2	0	10	31	6	47	0	5	0	4	9	104
06:45 AM	0	0	75	2	77	0	0	0	6	6	0	8	41	8	57	0	1	1	1	3	143
Total	0	2	193	3	198	0	3	1	15	19	0	27	120	22	169	0	14	1	5	20	406
07:00 AM	0	1	118	2	121	0	2	0	4	6	0	3	50	5	58	0	1	0	3	4	189
07:15 AM	0	0	142	5	147	0	1	0	3	4	0	9	47	10	66	0	6	0	3	9	226
07:30 AM	0	1	176	14	191	0	3	1	6	10	0	13	49	10	72	0	5	0	2	7	280
07:45 AM	0	1	152	2	155	0	2	1	8	11	0	14	80	8	102	0	9	2	2	13	281
Total	0	3	588	23	614	0	8	2	21	31	0	39	226	33	298	0	21	2	10	33	976
08:00 AM	0	1	149	3	153	0	2	3	8	13	0	28	75	6	109	0	4	3	2	9	284
08:15 AM	0	2	132	3	137	0	2	1	12	15	0	20	77	12	109	0	9	2	2	13	274
08:30 AM	0	2	116	5	123	0	1	0	14	15	1	17	65	1	84	0	14	0	6	20	242
08:45 AM	0	2	99	6	107	0	3	0	7	10	0	20	90	5	115	0	6	2	1	9	241
Total	0	7	496	17	520	0	8	4	41	53	1	85	307	24	417	0	33	7	11	51	1041
09:00 AM	0	1	47	4	52	0	2	4	9	15	0	25	86	21	132	0	7	3	7	17	216
09:15 AM	0	1	32	4	37	0	7	4	8	19	0	16	59	10	85	0	8	0	10	18	159
*** BREAK ***																					
Total	0	2	79	8	89	0	9	8	17	34	0	41	145	31	217	0	15	3	17	35	375
*** BREAK ***																					
10:30 AM	0	2	43	3	48	0	4	5	20	29	0	34	51	21	106	0	15	7	9	31	214
10:45 AM	0	0	44	4	48	0	7	9	31	47	0	39	63	32	134	0	23	2	12	37	266
Total	0	2	87	7	96	0	11	14	51	76	0	73	114	53	240	0	38	9	21	68	480
11:00 AM	0	0	63	5	68	0	9	8	22	39	1	49	50	56	156	0	21	7	12	40	303
11:15 AM	0	0	54	6	60	0	9	12	23	44	0	51	46	49	146	0	46	3	16	65	315
11:30 AM	0	0	17	5	22	0	6	7	31	44	0	58	57	52	167	0	34	7	13	54	287
11:45 AM	0	1	45	2	48	0	7	9	36	52	0	54	72	69	195	0	47	6	25	78	373
Total	0	1	179	18	198	0	31	36	112	179	1	212	225	226	664	0	148	23	66	237	1278
12:00 PM	0	0	27	5	32	0	6	9	30	45	0	44	58	74	176	0	60	6	24	90	343
12:15 PM	0	3	29	13	45	0	5	12	31	48	0	44	55	80	179	0	73	10	31	114	386
12:30 PM	0	2	41	8	51	0	3	4	36	43	0	50	70	56	176	0	63	9	28	100	370
12:45 PM	0	1	16	3	20	0	5	0	23	28	0	46	75	59	180	0	52	13	31	96	324
Total	0	6	113	29	148	0	19	25	120	164	0	184	258	269	711	0	248	38	114	400	1423
01:00 PM	0	3	30	3	36	0	4	20	5	29	0	38	58	27	123	0	66	2	31	99	287
01:15 PM	0	4	24	14	42	0	5	39	8	52	1	28	64	36	129	0	44	6	25	75	298
*** BREAK ***																					
Total	0	7	54	17	78	0	9	59	13	81	1	66	122	63	252	0	110	8	56	174	585
*** BREAK ***																					
02:30 PM	0	1	41	6	48	0	11	11	16	38	0	27	79	28	134	0	44	8	20	72	292
02:45 PM	0	2	38	8	48	0	4	17	23	44	1	43	66	33	143	0	26	3	15	44	279
Total	0	3	79	14	96	0	15	28	39	82	1	70	145	61	277	0	70	11	35	116	571
03:00 PM	0	0	47	24	71	0	11	32	13	56	1	39	93	32	165	0	31	1	13	45	337
03:15 PM	0	3	49	10	62	0	10	16	20	46	0	31	81	33	145	0	23	4	12	39	292
03:30 PM	0	2	90	9	101	0	18	16	41	75	2	22	114	24	162	0	24	3	24	51	389
03:45 PM	0	4	52	8	64	0	11	25	10	46	1	39	111	41	192	0	10	0	5	15	317
Total	0	9	238	51	298	0	50	89	84	223	4	131	399	130	664	0	88	8	54	150	1335
04:00 PM	0	4	55	6	65	0	7	41	23	71	0	46	91	35	172	0	26	5	36	67	375
04:15 PM	0	2	35	28	65	0	8	30	22	60	0	46	133	48	227	0	18	3	24	45	397
04:30 PM	0	4	35	15	54	0	4	25	33	62	1	40	142	37	220	0	32	4	39	75	411

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 TURN MOVEMENT COUNT

File Name : 522\_Vicksburg Lane and 35th Avenue  
 Site Code : 522\_\_\_\_\_  
 Start Date : 1/17/2018  
 Page No : 2

Groups Printed- Class 1 - Class 2

Start Time	Vicksburg Ln From North					35th Ave From East					Vicksburg Ln From South					35th Ave From West					Int. Total
	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	
04:45 PM	0	4	61	17	82	0	10	34	15	59	0	28	110	47	185	0	39	2	29	70	396
Total	0	14	186	66	266	0	29	130	93	252	1	160	476	167	804	0	115	14	128	257	1579
05:00 PM	0	1	44	6	51	0	11	26	22	59	0	30	141	46	217	0	42	5	28	75	402
05:15 PM	0	2	63	4	69	0	8	20	17	45	0	29	142	56	227	0	22	3	46	71	412
05:30 PM	0	2	37	13	52	0	6	17	22	45	1	33	163	73	270	0	31	5	44	80	447
05:45 PM	0	7	55	16	78	0	19	26	34	79	0	14	143	61	218	0	33	0	25	58	433
Total	0	12	199	39	250	0	44	89	95	228	1	106	589	236	932	0	128	13	143	284	1694
Grand Total	0	68	2491	292	2851	0	236	485	701	1422	10	1194	3126	1315	5645	0	1028	137	660	1825	11743
Apprch %	0	2.4	87.4	10.2		0	16.6	34.1	49.3		0.2	21.2	55.4	23.3		0	56.3	7.5	36.2		
Total %	0	0.6	21.2	2.5	24.3	0	2	4.1	6	12.1	0.1	10.2	26.6	11.2	48.1	0	8.8	1.2	5.6	15.5	
Class 1	0	55	2354	269	2678	0	224	441	670	1335	10	1175	3018	1287	5490	0	1008	133	644	1785	11288
% Class 1	0	80.9	94.5	92.1	93.9	0	94.9	90.9	95.6	93.9	100	98.4	96.5	97.9	97.3	0	98.1	97.1	97.6	97.8	96.1
Class 2	0	13	137	23	173	0	12	44	31	87	0	19	108	28	155	0	20	4	16	40	455
% Class 2	0	19.1	5.5	7.9	6.1	0	5.1	9.1	4.4	6.1	0	1.6	3.5	2.1	2.7	0	1.9	2.9	2.4	2.2	3.9

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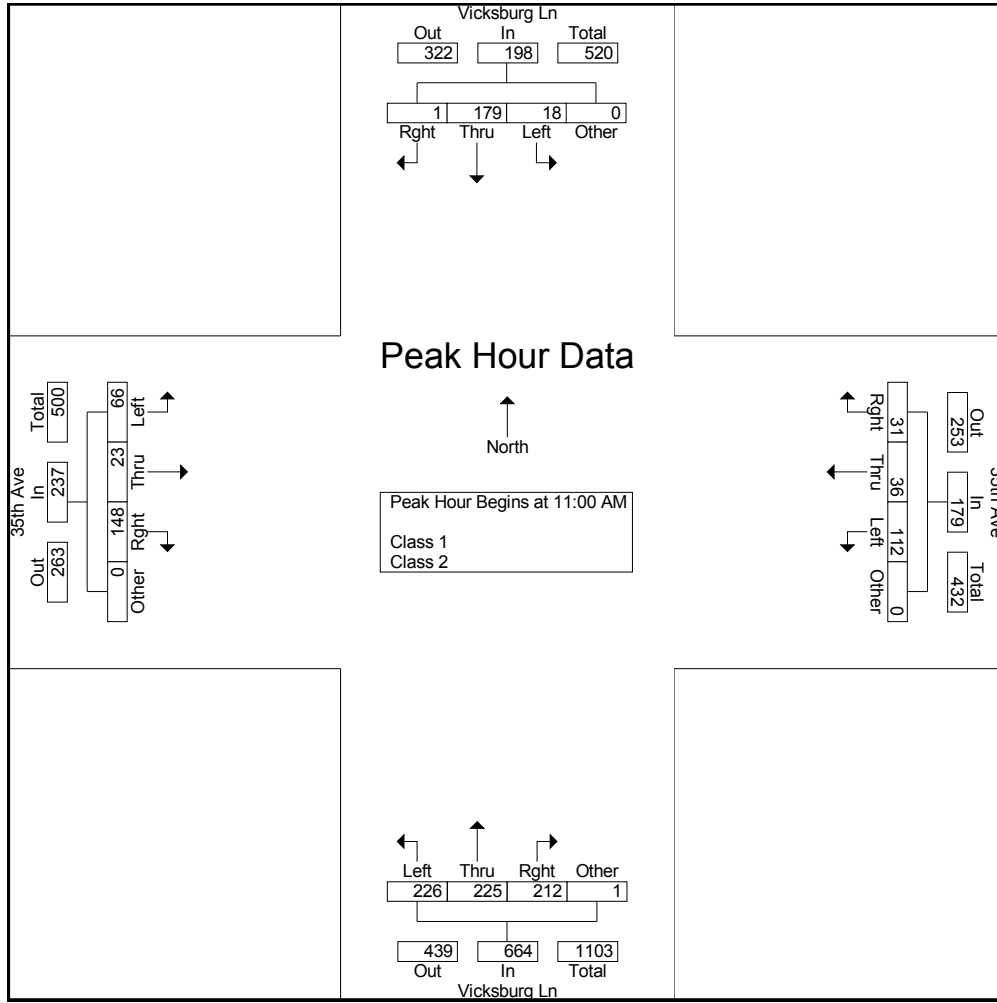
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Vicksburg Lane and 35th Avenue  
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File Name : 522\_Vicksburg Lane and 35th Avenue  
 Site Code : 522\_\_\_\_\_  
 Start Date : 1/17/2018  
 Page No : 3

Start Time	Vicksburg Ln From North					35th Ave From East					Vicksburg Ln From South					35th Ave From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:00 AM																					
11:00 AM	0	0	63	5	68	0	9	8	22	39	1	49	50	56	156	0	21	7	12	40	303
11:15 AM	0	0	54	6	60	0	9	12	23	44	0	51	46	49	146	0	46	3	16	65	315
11:30 AM	0	0	17	5	22	0	6	7	31	44	0	58	57	52	167	0	34	7	13	54	287
11:45 AM	0	1	45	2	48	0	7	9	36	52	0	54	72	69	195	0	47	6	25	78	373
Total Volume	0	1	179	18	198	0	31	36	112	179	1	212	225	226	664	0	148	23	66	237	1278
% App. Total	0	0.5	90.4	9.1		0	17.3	20.1	62.6		0.2	31.9	33.9	34		0	62.4	9.7	27.8		
PHF	.000	.250	.710	.750	.728	.000	.861	.750	.778	.861	.250	.914	.781	.819	.851	.000	.787	.821	.660	.760	.857



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TURN MOVEMENT COUNT

File Name : 522\_Vicksburg Lane and 35th Avenue  
Site Code : 522\_\_\_\_\_  
Start Date : 1/17/2018  
Page No : 4

Start Time	Vicksburg Ln From North					35th Ave From East					Vicksburg Ln From South					35th Ave From West					Int. Total
	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	1	44	6	51	0	11	26	22	59	0	30	141	46	217	0	42	5	28	75	402
05:15 PM	0	2	63	4	69	0	8	20	17	45	0	29	142	56	227	0	22	3	46	71	412
05:30 PM	0	2	37	13	52	0	6	17	22	45	1	33	163	73	270	0	31	5	44	80	447
05:45 PM	0	7	55	16	78	0	19	26	34	79	0	14	143	61	218	0	33	0	25	58	433
Total Volume	0	12	199	39	250	0	44	89	95	228	1	106	589	236	932	0	128	13	143	284	1694
% App. Total	0	4.8	79.6	15.6		0	19.3	39	41.7		0.1	11.4	63.2	25.3		0	45.1	4.6	50.4		
PHF	.000	.429	.790	.609	.801	.000	.579	.856	.699	.722	.250	.803	.903	.808	.863	.000	.762	.650	.777	.888	.947

