

Alliant Engineering, Inc.

233 Park Ave Suite 300
Minneapolis, MN 55415

--TRAFFIC DATA--

Rockford Road and 36th Avenue

Ref.Pt.: 178.642

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 513_Rockford Road & 36th Ave

Site Code : 513

Start Date : 1/17/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Rockford Rd From North					36th Ave From East					Rockford Rd From South					36th 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	1	33	0	34	0	0	1	4	5	0	8	13	3	24	0	9	3	2	14	77
06:15 AM	0	0	28	1	29	0	0	2	0	2	0	5	30	3	38	0	18	1	5	24	93
06:30 AM	0	3	51	2	56	0	0	0	5	5	0	1	39	4	44	0	24	2	5	31	136
06:45 AM	0	2	64	4	70	0	1	0	1	2	0	8	35	2	45	0	38	2	5	45	162
Total	0	6	176	7	189	0	1	3	10	14	0	22	117	12	151	0	89	8	17	114	468
07:00 AM	0	1	48	5	54	0	0	4	5	9	0	7	52	4	63	0	26	4	4	34	160
07:15 AM	0	4	62	4	70	0	0	3	7	10	1	12	57	5	75	0	35	15	0	50	205
07:30 AM	0	7	84	10	101	0	0	2	5	7	0	16	69	2	87	0	39	13	10	62	257
07:45 AM	0	4	93	8	105	0	1	2	2	5	0	13	82	7	102	0	39	25	14	78	290
Total	0	16	287	27	330	0	1	11	19	31	1	48	260	18	327	0	139	57	28	224	912
08:00 AM	0	5	108	12	125	0	0	4	5	9	0	26	64	4	94	0	27	9	4	40	268
08:15 AM	0	3	92	13	108	0	0	1	5	6	0	10	65	3	78	0	37	10	8	55	247
08:30 AM	0	0	56	23	79	0	2	2	9	13	0	14	68	11	93	0	33	8	8	49	234
08:45 AM	0	5	71	9	85	0	0	5	4	9	0	18	52	10	80	0	30	7	6	43	217
Total	0	13	327	57	397	0	2	12	23	37	0	68	249	28	345	0	127	34	26	187	966
09:00 AM	0	4	48	11	63	0	1	2	5	8	0	26	54	5	85	0	22	14	3	39	195
09:15 AM	0	3	42	6	51	0	1	4	8	13	0	16	47	8	71	0	17	5	5	27	162
*** BREAK ***																					
Total	0	7	90	17	114	0	2	6	13	21	0	42	101	13	156	0	39	19	8	66	357
*** BREAK ***																					
10:30 AM	0	3	35	4	42	0	0	4	5	9	0	3	24	7	34	0	4	4	4	12	97
10:45 AM	0	3	51	1	55	0	2	5	11	18	0	9	36	6	51	0	12	5	6	23	147
Total	0	6	86	5	97	0	2	9	16	27	0	12	60	13	85	0	16	9	10	35	244
11:00 AM	1	6	41	0	48	1	2	2	12	17	0	17	29	6	52	0	14	6	2	22	139
11:15 AM	0	1	41	2	44	0	3	4	17	24	0	24	49	11	84	0	20	4	3	27	179
11:30 AM	0	3	50	3	56	1	4	4	12	21	0	21	56	9	86	0	16	9	3	28	191
11:45 AM	0	2	51	4	57	0	1	7	25	33	0	20	58	8	86	0	9	5	4	18	194
Total	1	12	183	9	205	2	10	17	66	95	0	82	192	34	308	0	59	24	12	95	703
12:00 PM	0	6	44	0	50	0	6	8	22	36	0	11	32	12	55	0	14	5	1	20	161
12:15 PM	0	3	53	2	58	0	3	11	20	34	0	16	45	7	68	0	5	6	3	14	174
12:30 PM	0	4	48	4	56	0	3	8	11	22	0	18	27	12	57	0	13	4	2	19	154
12:45 PM	0	3	57	4	64	1	2	6	19	28	0	12	43	7	62	0	9	7	5	21	175
Total	0	16	202	10	228	1	14	33	72	120	0	57	147	38	242	0	41	22	11	74	664
01:00 PM	1	2	48	1	52	0	3	10	19	32	0	13	39	11	63	0	5	8	4	17	164
01:15 PM	0	3	46	4	53	0	0	5	9	14	0	13	39	6	58	0	10	5	1	16	141
*** BREAK ***																					
Total	1	5	94	5	105	0	3	15	28	46	0	26	78	17	121	0	15	13	5	33	305
*** BREAK ***																					
02:30 PM	0	6	59	0	65	0	1	15	18	34	0	8	60	12	80	1	9	4	2	16	195
02:45 PM	0	3	64	1	68	0	2	5	11	18	0	14	44	12	70	0	23	6	4	33	189
Total	0	9	123	1	133	0	3	20	29	52	0	22	104	24	150	1	32	10	6	49	384
03:00 PM	0	3	56	0	59	0	2	9	10	21	0	11	54	17	82	0	13	4	4	21	183
03:15 PM	0	5	55	1	61	0	7	5	10	22	0	4	61	15	80	0	12	7	5	24	187
03:30 PM	2	2	57	1	62	0	2	4	9	15	0	13	58	19	90	0	19	10	6	35	202
03:45 PM	0	9	71	2	82	0	3	5	20	28	0	8	59	15	82	0	16	12	7	35	227
Total	2	19	239	4	264	0	14	23	49	86	0	36	232	66	334	0	60	33	22	115	799
04:00 PM	0	10	77	0	87	0	9	8	24	41	0	11	67	12	90	0	13	5	7	25	243
04:15 PM	0	7	63	1	71	0	8	17	28	53	0	12	54	26	92	0	13	5	8	26	242
04:30 PM	0	3	106	0	109	0	7	22	28	57	0	10	71	24	105	0	14	13	5	32	303

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	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	8	74	1	83	0	11	13	22	46	0	16	87	23	126	0	12	13	2	27	282
Total	0	28	320	2	350	0	35	60	102	197	0	49	279	85	413	0	52	36	22	110	1070
05:00 PM	0	6	102	0	108	0	17	27	32	76	0	18	91	19	128	0	17	7	6	30	342
05:15 PM	0	12	110	3	125	0	9	27	26	62	0	12	78	29	119	0	21	6	4	31	337
05:30 PM	0	7	106	2	115	0	5	20	27	52	0	11	84	39	134	0	18	10	4	32	333
05:45 PM	0	8	97	1	106	0	6	9	13	28	0	14	63	28	105	0	17	11	3	31	270
Total	0	33	415	6	454	0	37	83	98	218	0	55	316	115	486	0	73	34	17	124	1282
Grand Total	4	170	2542	150	2866	3	124	292	525	944	1	519	2135	463	3118	1	742	299	184	1226	8154
Apprch %	0.1	5.9	88.7	5.2		0.3	13.1	30.9	55.6		0	16.6	68.5	14.8		0.1	60.5	24.4	15		
Total %	0	2.1	31.2	1.8	35.1	0	1.5	3.6	6.4	11.6	0	6.4	26.2	5.7	38.2	0	9.1	3.7	2.3	15	
Class 1	4	155	2462	148	2769	3	122	287	513	925	0	506	2060	448	3014	1	714	292	172	1179	7887
% Class 1	100	91.2	96.9	98.7	96.6	100	98.4	98.3	97.7	98	0	97.5	96.5	96.8	96.7	100	96.2	97.7	93.5	96.2	96.7
Class 2	0	15	80	2	97	0	2	5	12	19	1	13	75	15	104	0	28	7	12	47	267
% Class 2	0	8.8	3.1	1.3	3.4	0	1.6	1.7	2.3	2	100	2.5	3.5	3.2	3.3	0	3.8	2.3	6.5	3.8	3.3

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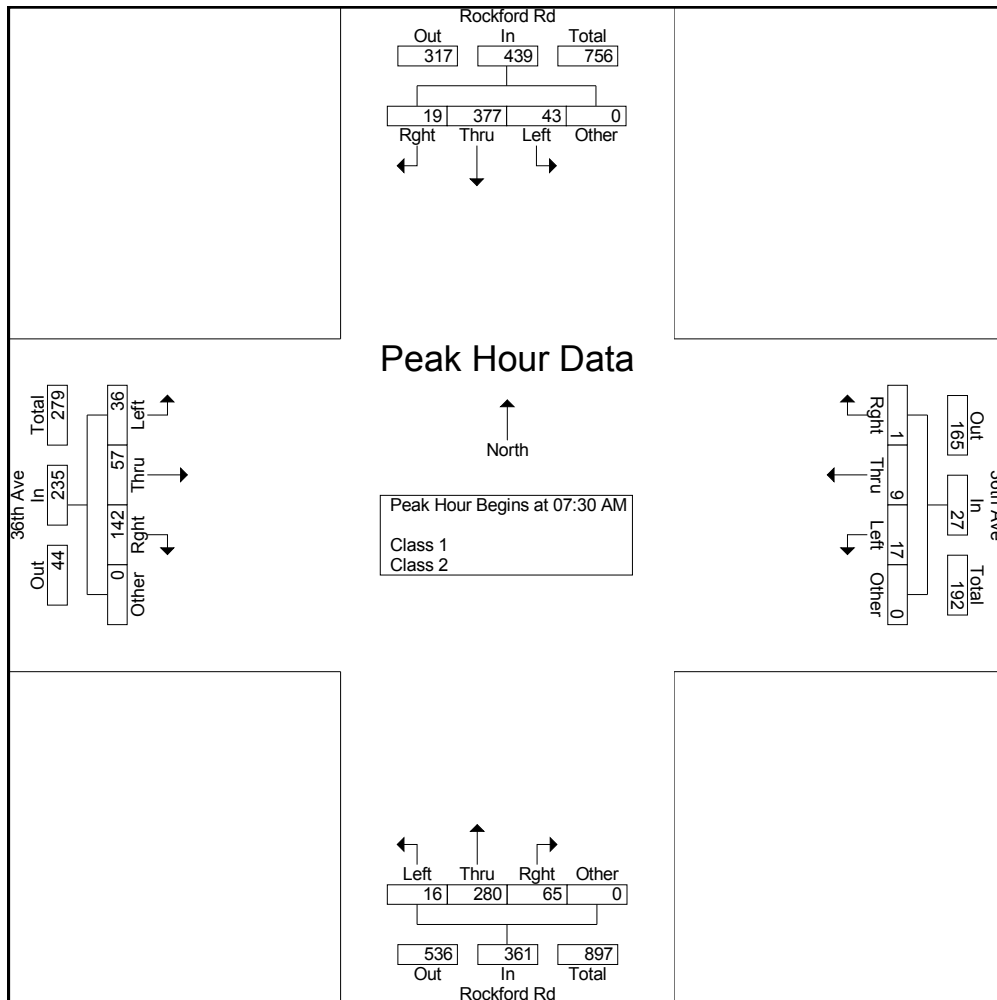
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	7	84	10	101	0	0	2	5	7	0	16	69	2	87	0	39	13	10	62	257
07:45 AM	0	4	93	8	105	0	1	2	2	5	0	13	82	7	102	0	39	25	14	78	290
08:00 AM	0	5	108	12	125	0	0	4	5	9	0	26	64	4	94	0	27	9	4	40	268
08:15 AM	0	3	92	13	108	0	0	1	5	6	0	10	65	3	78	0	37	10	8	55	247
Total Volume	0	19	377	43	439	0	1	9	17	27	0	65	280	16	361	0	142	57	36	235	1062
% App. Total	0	4.3	85.9	9.8		0	3.7	33.3	63		0	18	77.6	4.4		0	60.4	24.3	15.3		
PHF	.000	.679	.873	.827	.878	.000	.250	.563	.850	.750	.000	.625	.854	.571	.885	.000	.910	.570	.643	.753	.916



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	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 04:45 PM																					
04:45 PM	0	8	74	1	83	0	11	13	22	46	0	16	87	23	126	0	12	13	2	27	282
05:00 PM	0	6	102	0	108	0	17	27	32	76	0	18	91	19	128	0	17	7	6	30	342
05:15 PM	0	12	110	3	125	0	9	27	26	62	0	12	78	29	119	0	21	6	4	31	337
05:30 PM	0	7	106	2	115	0	5	20	27	52	0	11	84	39	134	0	18	10	4	32	333
Total Volume	0	33	392	6	431	0	42	87	107	236	0	57	340	110	507	0	68	36	16	120	1294
% App. Total	0	7.7	91	1.4		0	17.8	36.9	45.3		0	11.2	67.1	21.7		0	56.7	30	13.3		
PHF	.000	.688	.891	.500	.862	.000	.618	.806	.836	.776	.000	.792	.934	.705	.946	.000	.810	.692	.667	.938	.946

