

Alliant Engineering, Inc.

233 Park Ave Suite 300
Minneapolis, MN 55415

--TRAFFIC DATA--

Rockford Road and Rainbow Entrance
Ref.Pt.: 178.641
data by : Alliant Inc.
TURN MOVEMENT COUNT

File Name : 512_Rockford Road & Rainbow Entrance
Site Code : 512_____
Start Date : 2/21/2018
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Rockford Rd From North					Rainbow Entrance From East					Rockford Rd From South					Rainbow Entrance 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	14	19	33	0	4	0	1	5	0	3	28	0	31	0	0	0	0	0	69
06:15 AM	0	0	11	14	25	0	13	0	2	15	0	8	42	0	50	0	0	0	0	0	90
06:30 AM	0	0	22	14	36	0	18	0	7	25	0	3	41	0	44	0	0	0	0	0	105
06:45 AM	0	0	30	28	58	0	17	0	3	20	0	19	74	0	93	0	0	0	0	0	171
Total	0	0	77	75	152	0	52	0	13	65	0	33	185	0	218	0	0	0	0	0	435
07:00 AM	0	0	36	35	71	0	29	0	14	43	0	14	94	0	108	0	0	0	0	0	222
07:15 AM	0	0	37	29	66	0	30	0	6	36	0	11	121	0	132	0	0	0	0	0	234
07:30 AM	1	0	51	42	94	0	26	0	7	33	0	22	145	0	167	0	0	0	0	0	294
07:45 AM	0	0	75	46	121	0	43	0	13	56	0	21	175	0	196	0	0	0	0	0	373
Total	1	0	199	152	352	0	128	0	40	168	0	68	535	0	603	0	0	0	0	0	1123
08:00 AM	0	0	65	37	102	0	37	0	18	55	0	17	130	0	147	0	0	0	0	0	304
08:15 AM	0	0	74	45	119	0	27	0	11	38	0	18	115	0	133	0	0	0	0	0	290
08:30 AM	0	0	54	27	81	0	38	0	14	52	0	21	128	0	149	0	0	0	0	0	282
08:45 AM	0	0	54	39	93	0	25	0	9	34	0	9	83	0	92	0	0	0	0	0	219
Total	0	0	247	148	395	0	127	0	52	179	0	65	456	0	521	0	0	0	0	0	1095
09:00 AM	0	0	44	33	77	0	21	0	6	27	0	11	81	0	92	0	0	0	0	0	196
09:15 AM	0	0	41	25	66	0	36	0	9	45	0	22	79	0	101	0	0	0	0	0	212
*** BREAK ***																					
Total	0	0	85	58	143	0	57	0	15	72	0	33	160	0	193	0	0	0	0	0	408
*** BREAK ***																					
10:30 AM	0	0	39	41	80	0	41	0	20	61	0	19	45	0	64	0	0	0	0	0	205
10:45 AM	0	0	41	38	79	0	43	0	14	57	0	14	47	0	61	0	0	0	0	0	197
Total	0	0	80	79	159	0	84	0	34	118	0	33	92	0	125	0	0	0	0	0	402
11:00 AM	0	0	48	59	107	0	41	0	12	53	0	22	49	0	71	0	0	0	0	0	231
11:15 AM	0	0	54	56	110	0	51	0	16	67	0	17	67	0	84	0	0	0	0	0	261
11:30 AM	0	0	51	92	143	0	62	0	20	82	0	33	74	0	107	0	0	0	0	0	332
11:45 AM	0	0	42	73	115	0	79	1	16	96	0	33	67	0	100	0	0	0	0	0	311
Total	0	0	195	280	475	0	233	1	64	298	0	105	257	0	362	0	0	0	0	0	1135
12:00 PM	0	0	57	64	121	0	58	0	33	91	0	32	63	0	95	0	0	0	0	0	307
12:15 PM	0	0	47	66	113	0	63	0	27	90	0	24	57	0	81	0	0	0	0	0	284
12:30 PM	0	0	52	61	113	0	70	0	31	101	0	16	60	0	76	0	0	0	0	0	290
12:45 PM	0	0	49	58	107	0	63	0	17	80	0	11	59	0	70	0	0	0	0	0	257
Total	0	0	205	249	454	0	254	0	108	362	0	83	239	0	322	0	0	0	0	0	1138
01:00 PM	0	0	49	61	110	0	67	0	17	84	0	27	56	0	83	0	0	0	0	0	277
01:15 PM	0	0	57	62	119	0	73	0	12	85	0	19	57	0	76	0	0	0	0	0	280
*** BREAK ***																					
Total	0	0	106	123	229	0	140	0	29	169	0	46	113	0	159	0	0	0	0	0	557
*** BREAK ***																					
02:30 PM	0	0	56	58	114	0	47	0	18	65	0	17	76	0	93	0	0	0	0	0	272
02:45 PM	0	0	64	48	112	0	50	0	20	70	0	11	62	0	73	0	0	0	0	0	255
Total	0	0	120	106	226	0	97	0	38	135	0	28	138	0	166	0	0	0	0	0	527
03:00 PM	0	0	66	42	108	0	42	1	25	68	0	26	91	0	117	0	0	0	0	0	293
03:15 PM	0	0	82	65	147	0	46	0	20	66	0	15	53	0	68	0	0	0	0	0	281
03:30 PM	0	0	70	53	123	0	45	0	25	70	0	30	87	0	117	0	0	0	0	0	310
03:45 PM	1	0	86	64	151	1	57	0	18	76	1	22	84	0	107	0	0	0	0	0	334
Total	1	0	304	224	529	1	190	1	88	280	1	93	315	0	409	0	0	0	0	0	1218
04:00 PM	0	0	87	60	147	1	54	0	25	80	0	18	67	0	85	0	0	0	0	0	312
04:15 PM	0	0	79	64	143	0	54	0	29	83	0	23	73	0	96	0	0	0	0	0	322
04:30 PM	0	2	91	66	159	0	52	0	26	78	0	29	105	0	134	0	0	0	0	0	371

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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	1	82	68	151	0	58	0	27	85	0	30	96	0	126	0	0	0	0	0	362
Total	0	3	339	258	600	1	218	0	107	326	0	100	341	0	441	0	0	0	0	0	1367
05:00 PM	0	1	124	74	199	0	78	0	35	113	0	25	101	0	126	0	0	0	0	0	438
05:15 PM	0	3	106	86	195	0	79	0	24	103	0	32	103	0	135	0	0	0	0	0	433
05:30 PM	0	7	97	67	171	0	69	0	35	104	0	22	110	0	132	0	0	0	0	0	407
05:45 PM	0	6	115	68	189	0	72	0	33	105	0	25	76	0	101	0	0	0	0	0	395
Total	0	17	442	295	754	0	298	0	127	425	0	104	390	0	494	0	0	0	0	0	1673
Grand Total	2	20	2399	2047	4468	2	1878	2	715	2597	1	791	3221	0	4013	0	0	0	0	0	11078
Apprch %	0	0.4	53.7	45.8		0.1	72.3	0.1	27.5		0	19.7	80.3	0		0	0	0	0	0	
Total %	0	0.2	21.7	18.5	40.3	0	17	0	6.5	23.4	0	7.1	29.1	0	36.2	0	0	0	0	0	
Class 1	2	19	2278	1990	4289	2	1827	2	695	2526	1	769	3065	0	3835	0	0	0	0	0	10650
% Class 1	100	95	95	97.2	96	100	97.3	100	97.2	97.3	100	97.2	95.2	0	95.6	0	0	0	0	0	96.1
Class 2	0	1	121	57	179	0	51	0	20	71	0	22	156	0	178	0	0	0	0	0	428
% Class 2	0	5	5	2.8	4	0	2.7	0	2.8	2.7	0	2.8	4.8	0	4.4	0	0	0	0	0	3.9

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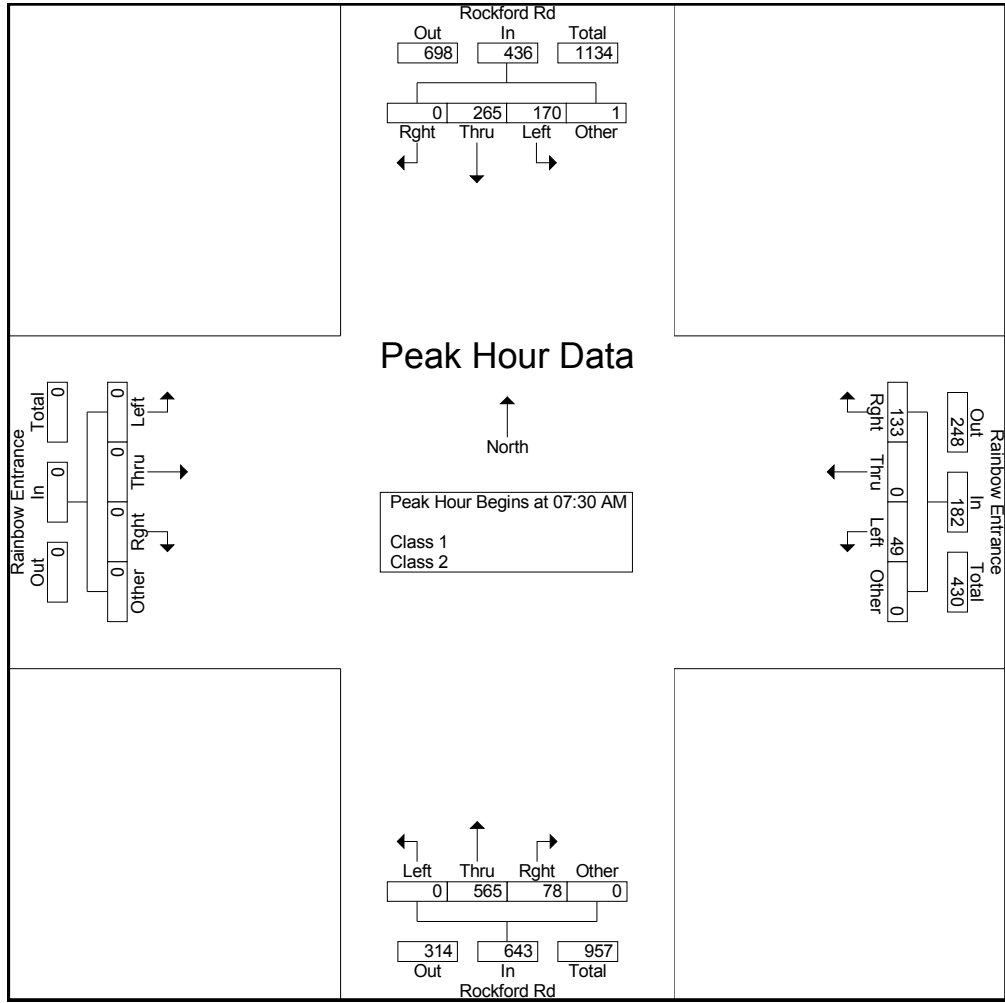
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	Other	Right	Thru	Left		Other	Right	Thru	Left		Other	Right	Thru	Left		Other	Right	Thru	Left	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																				
Peak Hour for Entire Intersection Begins at 07:30 AM																				
07:30 AM	1	0	51	42	94	0	26	0	7	33	0	22	145	0	167	0	0	0	0	294
07:45 AM	0	0	75	46	121	0	43	0	13	56	0	21	175	0	196	0	0	0	0	373
08:00 AM	0	0	65	37	102	0	37	0	18	55	0	17	130	0	147	0	0	0	0	304
08:15 AM	0	0	74	45	119	0	27	0	11	38	0	18	115	0	133	0	0	0	0	290
Total Volume	1	0	265	170	436	0	133	0	49	182	0	78	565	0	643	0	0	0	0	1261
% App. Total	0.2	0	60.8	39		0	73.1	0	26.9		0	12.1	87.9	0		0	0	0	0	
PHF	.250	.000	.883	.924	.901	.000	.773	.000	.681	.813	.000	.886	.807	.000	.820	.000	.000	.000	.000	.000



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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 05:00 PM																					
05:00 PM	0	1	124	74	199	0	78	0	35	113	0	25	101	0	126	0	0	0	0	0	438
05:15 PM	0	3	106	86	195	0	79	0	24	103	0	32	103	0	135	0	0	0	0	0	433
05:30 PM	0	7	97	67	171	0	69	0	35	104	0	22	110	0	132	0	0	0	0	0	407
05:45 PM	0	6	115	68	189	0	72	0	33	105	0	25	76	0	101	0	0	0	0	0	395
Total Volume	0	17	442	295	754	0	298	0	127	425	0	104	390	0	494	0	0	0	0	0	1673
% App. Total	0	2.3	58.6	39.1		0	70.1	0	29.9		0	21.1	78.9	0		0	0	0	0		
PHF	.000	.607	.891	.858	.947	.000	.943	.000	.907	.940	.000	.813	.886	.000	.915	.000	.000	.000	.000	.000	.955

