

Alliant Engineering, Inc.

233 Park Ave Suite 300
 Minneapolis, MN 55415

--TRAFFIC DATA--

Peony Lane and Old Rockford Road
 Ref.Pt.: --
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 501_Peony Ln & Old Rockford Rd
 Site Code : 501
 Start Date : 1/17/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Peony Ln From North					Old Rockford Rd From East					Peony Ln From South					Old Rockford Rd 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	3	47	2	52	0	0	2	4	6	0	1	5	0	6	0	4	5	5	14	78
06:15 AM	0	0	39	0	39	0	2	1	4	7	0	4	15	0	19	0	1	4	12	17	82
06:30 AM	0	2	88	6	96	0	3	4	10	17	0	2	35	0	37	0	5	5	2	12	162
06:45 AM	0	10	66	6	82	0	1	3	10	14	0	3	39	5	47	0	10	14	6	30	173
Total	0	15	240	14	269	0	6	10	28	44	0	10	94	5	109	0	20	28	25	73	495
07:00 AM	0	11	125	21	157	0	4	7	9	20	0	14	50	0	64	0	7	18	5	30	271
07:15 AM	0	3	162	37	202	0	15	5	16	36	0	11	135	0	146	0	8	30	6	44	428
07:30 AM	0	1	167	71	239	0	28	11	25	64	0	17	104	2	123	0	17	22	16	55	481
07:45 AM	0	12	173	82	267	0	41	14	13	68	0	12	128	3	143	0	6	26	19	51	529
Total	0	27	627	211	865	0	88	37	63	188	0	54	417	5	476	0	38	96	46	180	1709
08:00 AM	0	6	168	26	200	0	30	8	20	58	0	10	167	4	181	0	4	23	24	51	490
08:15 AM	0	13	202	25	240	0	11	8	18	37	0	9	65	2	76	0	4	15	16	35	388
08:30 AM	0	8	141	12	161	0	5	7	8	20	0	4	50	5	59	0	8	11	5	24	264
08:45 AM	0	6	113	21	140	1	8	8	9	26	0	6	43	3	52	1	6	21	6	34	252
Total	0	33	624	84	741	1	54	31	55	141	0	29	325	14	368	1	22	70	51	144	1394
09:00 AM	1	3	82	5	91	0	5	9	12	26	0	4	51	4	59	0	2	7	1	10	186
09:15 AM	0	2	68	4	74	0	4	8	9	21	0	11	41	2	54	0	6	7	4	17	166
*** BREAK ***																					
Total	1	5	150	9	165	0	9	17	21	47	0	15	92	6	113	0	8	14	5	27	352
*** BREAK ***																					
10:30 AM	0	4	37	13	54	0	5	3	7	15	0	2	34	3	39	0	2	5	3	10	118
10:45 AM	0	4	56	8	68	0	2	9	8	19	0	2	29	4	35	0	7	5	3	15	137
Total	0	8	93	21	122	0	7	12	15	34	0	4	63	7	74	0	9	10	6	25	255
11:00 AM	0	1	50	6	57	0	2	4	5	11	0	6	36	1	43	0	4	3	4	11	122
11:15 AM	0	3	57	5	65	0	6	11	11	28	0	8	49	0	57	0	3	5	6	14	164
11:30 AM	0	2	42	3	47	0	8	8	6	22	0	9	63	2	74	0	6	4	4	14	157
11:45 AM	0	3	49	5	57	0	9	7	3	19	0	9	49	0	58	0	8	3	4	15	149
Total	0	9	198	19	226	0	25	30	25	80	0	32	197	3	232	0	21	15	18	54	592
12:00 PM	0	6	44	5	55	0	9	7	4	20	0	8	51	6	65	0	5	1	4	10	150
12:15 PM	0	4	43	3	50	0	7	8	9	24	0	7	30	1	38	0	8	5	0	13	125
12:30 PM	0	1	40	4	45	0	5	4	7	16	0	10	50	1	61	0	4	5	4	13	135
12:45 PM	0	4	41	6	51	0	7	1	8	16	0	7	50	5	62	0	11	4	3	18	147
Total	0	15	168	18	201	0	28	20	28	76	0	32	181	13	226	0	28	15	11	54	557
01:00 PM	0	1	40	3	44	0	6	7	8	21	0	8	44	5	57	0	6	5	7	18	140
01:15 PM	0	3	43	8	54	0	5	3	6	14	0	10	44	2	56	0	2	13	3	18	142
*** BREAK ***																					
Total	0	4	83	11	98	0	11	10	14	35	0	18	88	7	113	0	8	18	10	36	282
*** BREAK ***																					
02:30 PM	0	5	61	6	72	1	15	8	12	36	0	11	68	7	86	0	2	7	3	12	206
02:45 PM	0	5	68	1	74	0	5	8	8	21	0	9	77	4	90	0	4	4	8	16	201
Total	0	10	129	7	146	1	20	16	20	57	0	20	145	11	176	0	6	11	11	28	407
03:00 PM	0	7	121	16	144	0	5	5	7	17	0	10	97	3	110	0	6	7	6	19	290
03:15 PM	0	11	272	55	338	0	7	8	8	23	0	6	110	4	120	0	7	10	9	26	507
03:30 PM	0	7	144	23	174	0	4	13	9	26	0	9	94	1	104	0	8	13	6	27	331
03:45 PM	2	4	109	18	133	2	11	11	14	38	1	11	81	3	96	2	2	9	15	28	295
Total	2	29	646	112	789	2	27	37	38	104	1	36	382	11	430	2	23	39	36	100	1423
04:00 PM	0	11	102	17	130	0	12	12	14	38	6	15	107	5	133	5	6	9	8	28	329
04:15 PM	0	10	87	20	117	0	20	11	9	40	1	14	161	4	180	1	9	5	8	23	360
04:30 PM	0	4	89	13	106	0	36	14	11	61	1	21	129	4	155	1	4	7	7	19	341

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Start Time	Peony Ln From North					Old Rockford Rd From East					Peony Ln From South					Old Rockford Rd 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	1	15	89	19	124	1	29	12	13	55	0	15	157	6	178	0	7	8	4	19	376
Total	1	40	367	69	477	1	97	49	47	194	8	65	554	19	646	7	26	29	27	89	1406
05:00 PM	0	5	91	12	108	0	34	12	14	60	0	20	149	4	173	0	10	10	12	32	373
05:15 PM	0	14	100	10	124	0	33	8	12	53	0	22	165	5	192	0	5	8	8	21	390
05:30 PM	0	5	100	20	125	0	23	11	13	47	0	19	170	5	194	0	5	9	7	21	387
05:45 PM	0	6	96	25	127	0	23	6	12	41	0	22	162	4	188	0	6	10	7	23	379
Total	0	30	387	67	484	0	113	37	51	201	0	83	646	18	747	0	26	37	34	97	1529
Grand Total	4	225	3712	642	4583	5	485	306	405	1201	9	398	3184	119	3710	10	235	382	280	907	10401
Apprch %	0.1	4.9	81	14		0.4	40.4	25.5	33.7		0.2	10.7	85.8	3.2		1.1	25.9	42.1	30.9		
Total %	0	2.2	35.7	6.2	44.1	0	4.7	2.9	3.9	11.5	0.1	3.8	30.6	1.1	35.7	0.1	2.3	3.7	2.7	8.7	
Class 1	4	211	3577	617	4409	5	460	292	381	1138	9	388	3098	119	3614	10	231	376	274	891	10052
% Class 1	100	93.8	96.4	96.1	96.2	100	94.8	95.4	94.1	94.8	100	97.5	97.3	100	97.4	100	98.3	98.4	97.9	98.2	96.6
Class 2	0	14	135	25	174	0	25	14	24	63	0	10	86	0	96	0	4	6	6	16	349
% Class 2	0	6.2	3.6	3.9	3.8	0	5.2	4.6	5.9	5.2	0	2.5	2.7	0	2.6	0	1.7	1.6	2.1	1.8	3.4

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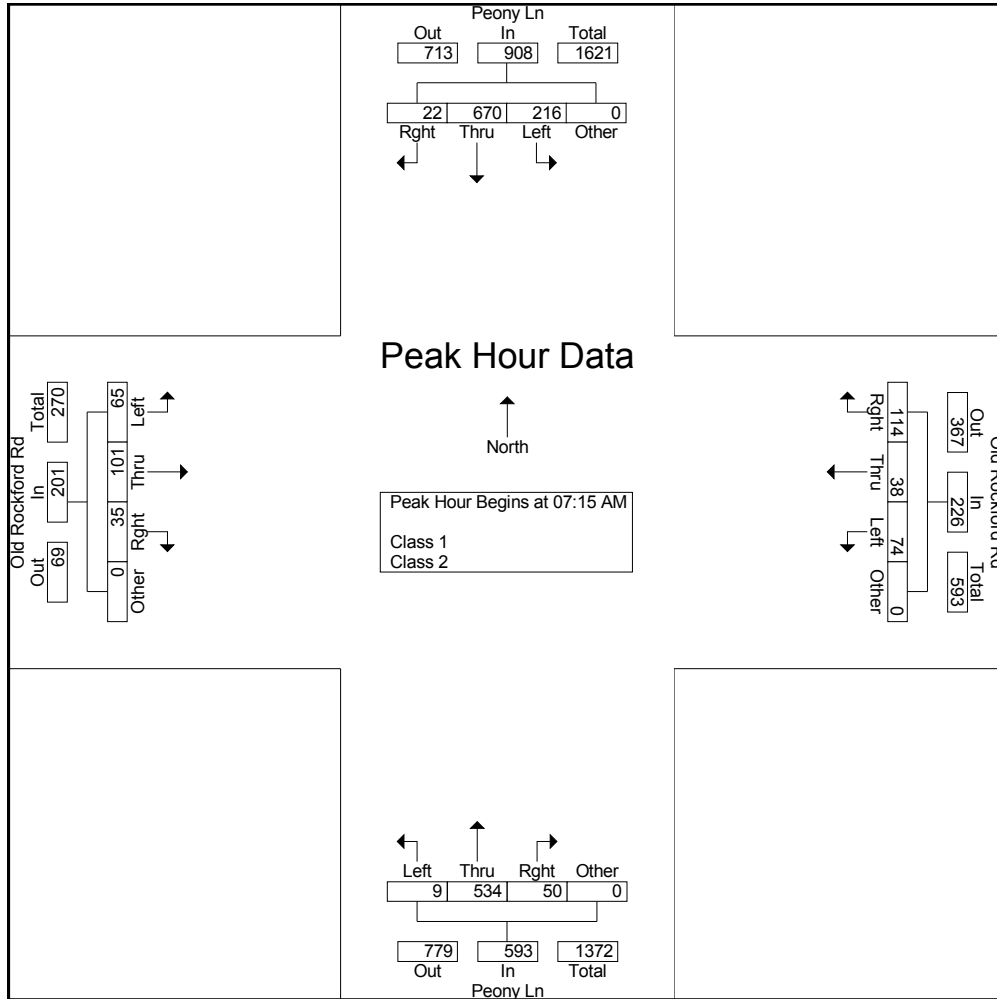
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	3	162	37	202	0	15	5	16	36	0	11	135	0	146	0	8	30	6	44	428
07:30 AM	0	1	167	71	239	0	28	11	25	64	0	17	104	2	123	0	17	22	16	55	481
07:45 AM	0	12	173	82	267	0	41	14	13	68	0	12	128	3	143	0	6	26	19	51	529
08:00 AM	0	6	168	26	200	0	30	8	20	58	0	10	167	4	181	0	4	23	24	51	490
Total Volume	0	22	670	216	908	0	114	38	74	226	0	50	534	9	593	0	35	101	65	201	1928
% App. Total	0	2.4	73.8	23.8		0	50.4	16.8	32.7		0	8.4	90.1	1.5		0	17.4	50.2	32.3		
PHF	.000	.458	.968	.659	.850	.000	.695	.679	.740	.831	.000	.735	.799	.563	.819	.000	.515	.842	.677	.914	.911



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 Page No : 4

Start Time	Peony Ln From North					Old Rockford Rd From East					Peony Ln From South					Old Rockford Rd 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	5	91	12	108	0	34	12	14	60	0	20	149	4	173	0	10	10	12	32	373
05:15 PM	0	14	100	10	124	0	33	8	12	53	0	22	165	5	192	0	5	8	8	21	390
05:30 PM	0	5	100	20	125	0	23	11	13	47	0	19	170	5	194	0	5	9	7	21	387
05:45 PM	0	6	96	25	127	0	23	6	12	41	0	22	162	4	188	0	6	10	7	23	379
Total Volume	0	30	387	67	484	0	113	37	51	201	0	83	646	18	747	0	26	37	34	97	1529
% App. Total	0	6.2	80	13.8		0	56.2	18.4	25.4		0	11.1	86.5	2.4		0	26.8	38.1	35.1		
PHF	.000	.536	.968	.670	.953	.000	.831	.771	.911	.838	.000	.943	.950	.900	.963	.000	.650	.925	.708	.758	.980

