

Alliant Engineering, Inc.

233 Park Ave Suite 300
 Minneapolis, MN 55415
 --TRAFFIC DATA--

TH 55 and Peony Lane
 Ref.Pt.: 177.578
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 407_TH 55 & Peony Ln
 Site Code : 407_____
 Start Date : 1/17/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Peony Ln From North					TH 55 From East					Peony Ln From South					TH 55 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	11	24	38	0	4	68	5	77	0	5	1	3	9	0	9	230	0	239	363
06:15 AM	0	3	8	32	43	0	17	75	1	93	0	6	5	10	21	0	10	311	2	323	480
06:30 AM	0	5	23	44	72	0	24	99	2	125	0	1	12	17	30	0	19	360	2	381	608
06:45 AM	0	0	26	39	65	0	24	112	7	143	0	4	14	13	31	0	19	349	0	368	607
Total	0	11	68	139	218	0	69	354	15	438	0	16	32	43	91	0	57	1250	4	1311	2058
07:00 AM	0	5	44	58	107	0	21	127	12	160	0	12	29	8	49	0	18	336	3	357	673
07:15 AM	0	5	109	88	202	0	38	113	5	156	1	6	47	16	70	0	33	418	3	454	882
07:30 AM	0	15	96	88	199	0	35	150	15	200	0	7	54	27	88	0	30	438	3	471	958
07:45 AM	0	12	102	66	180	0	39	217	6	262	0	8	68	42	118	0	30	392	14	436	996
Total	0	37	351	300	688	0	133	607	38	778	1	33	198	93	325	0	111	1584	23	1718	3509
08:00 AM	0	8	99	73	180	0	37	198	18	253	0	4	86	49	139	0	38	322	5	365	937
08:15 AM	0	11	99	98	208	3	9	168	12	192	0	9	43	25	77	0	53	369	6	428	905
08:30 AM	0	7	61	59	127	2	18	104	8	132	0	7	41	25	73	0	43	315	8	366	698
08:45 AM	0	2	55	61	118	0	25	134	10	169	0	13	26	26	65	0	54	335	3	392	744
Total	0	28	314	291	633	5	89	604	48	746	0	33	196	125	354	0	188	1341	22	1551	3284
09:00 AM	0	6	31	48	85	0	25	103	8	136	0	12	29	20	61	0	27	258	4	289	571
09:15 AM	0	7	29	54	90	0	11	124	13	148	0	14	27	14	55	0	32	208	5	245	538
*** BREAK ***																					
Total	0	13	60	102	175	0	36	227	21	284	0	26	56	34	116	0	59	466	9	534	1109
*** BREAK ***																					
10:30 AM	0	5	32	21	58	0	14	105	9	128	0	20	22	22	64	0	18	146	3	167	417
10:45 AM	0	10	36	20	66	0	15	101	11	127	0	21	16	14	51	0	16	167	4	187	431
Total	0	15	68	41	124	0	29	206	20	255	0	41	38	36	115	0	34	313	7	354	848
11:00 AM	0	5	24	31	60	0	22	120	16	158	0	22	20	42	84	0	14	138	4	156	458
11:15 AM	0	10	29	35	74	0	32	110	25	167	0	15	22	28	65	0	14	153	9	176	482
11:30 AM	0	7	17	23	47	0	34	143	12	189	0	25	35	26	86	0	21	190	10	221	543
11:45 AM	0	17	25	32	74	0	22	147	22	191	0	25	33	27	85	0	16	148	11	175	525
Total	0	39	95	121	255	0	110	520	75	705	0	87	110	123	320	0	65	629	34	728	2008
12:00 PM	0	15	17	26	58	0	45	149	20	214	0	29	28	25	82	0	16	165	5	186	540
12:15 PM	0	14	20	33	67	0	31	166	14	211	0	15	15	29	59	0	11	157	7	175	512
12:30 PM	0	11	25	37	73	0	28	167	18	213	0	15	36	29	80	0	11	153	10	174	540
12:45 PM	0	16	19	35	70	0	33	198	17	248	0	20	24	28	72	0	17	152	6	175	565
Total	0	56	81	131	268	0	137	680	69	886	0	79	103	111	293	0	55	627	28	710	2157
01:00 PM	0	11	21	26	58	0	37	167	24	228	0	24	20	29	73	0	12	109	7	128	487
01:15 PM	0	8	34	21	63	0	37	165	26	228	0	14	23	16	53	0	16	140	7	163	507
*** BREAK ***																					
Total	0	19	55	47	121	0	74	332	50	456	0	38	43	45	126	0	28	249	14	291	994
*** BREAK ***																					
02:30 PM	0	11	30	22	63	0	36	214	13	263	0	12	46	49	107	0	13	140	10	163	596
02:45 PM	0	13	40	21	74	0	39	251	21	311	0	26	37	21	84	0	23	117	6	146	615
Total	0	24	70	43	137	0	75	465	34	574	0	38	83	70	191	0	36	257	16	309	1211
03:00 PM	0	12	53	47	112	0	59	269	28	356	0	19	55	45	119	0	7	143	7	157	744
03:15 PM	0	13	134	73	220	0	60	326	21	407	0	10	60	44	114	0	19	167	10	196	937
03:30 PM	0	20	74	49	143	0	44	367	18	429	0	16	47	73	136	0	16	137	5	158	866
03:45 PM	0	9	46	40	95	0	43	439	35	517	0	18	36	49	103	0	25	184	9	218	933
Total	0	54	307	209	570	0	206	1401	102	1709	0	63	198	211	472	0	67	631	31	729	3480
04:00 PM	0	8	36	25	69	0	63	403	28	494	0	17	38	48	103	0	17	154	4	175	841
04:15 PM	0	14	41	19	74	0	89	420	39	548	0	15	74	80	169	0	17	142	11	170	961
04:30 PM	0	21	46	26	93	0	79	449	29	557	0	19	51	88	158	0	13	169	7	189	997

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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	16	32	29	77	0	97	517	29	643	0	20	49	90	159	0	11	172	8	191	1070
Total	0	59	155	99	313	0	328	1789	125	2242	0	71	212	306	589	0	58	637	30	725	3869
05:00 PM	0	20	31	26	77	0	93	418	12	523	0	22	42	78	142	0	13	173	9	195	937
05:15 PM	0	19	55	33	107	0	100	394	20	514	0	17	56	91	164	0	32	168	8	208	993
05:30 PM	0	32	45	23	100	0	117	515	17	649	0	6	36	72	114	0	17	190	10	217	1080
05:45 PM	0	14	56	19	89	0	134	529	15	678	0	5	44	37	86	0	14	142	5	161	1014
Total	0	85	187	101	373	0	444	1856	64	2364	0	50	178	278	506	0	76	673	32	781	4024
Grand Total	0	440	1811	1624	3875	5	1730	9041	661	11437	1	575	1447	1475	3498	0	834	8657	250	9741	28551
Apprch %	0	11.4	46.7	41.9		0	15.1	79.1	5.8		0	16.4	41.4	42.2		0	8.6	88.9	2.6		
Total %	0	1.5	6.3	5.7	13.6	0	6.1	31.7	2.3	40.1	0	2	5.1	5.2	12.3	0	2.9	30.3	0.9	34.1	
Class 1	0	422	1762	1539	3723	5	1690	8740	639	11074	0	568	1388	1422	3378	0	784	8345	235	9364	27539
% Class 1	0	95.9	97.3	94.8	96.1	100	97.7	96.7	96.7	96.8	0	98.8	95.9	96.4	96.6	0	94	96.4	94	96.1	96.5
Class 2	0	18	49	85	152	0	40	301	22	363	1	7	59	53	120	0	50	312	15	377	1012
% Class 2	0	4.1	2.7	5.2	3.9	0	2.3	3.3	3.3	3.2	100	1.2	4.1	3.6	3.4	0	6	3.6	6	3.9	3.5

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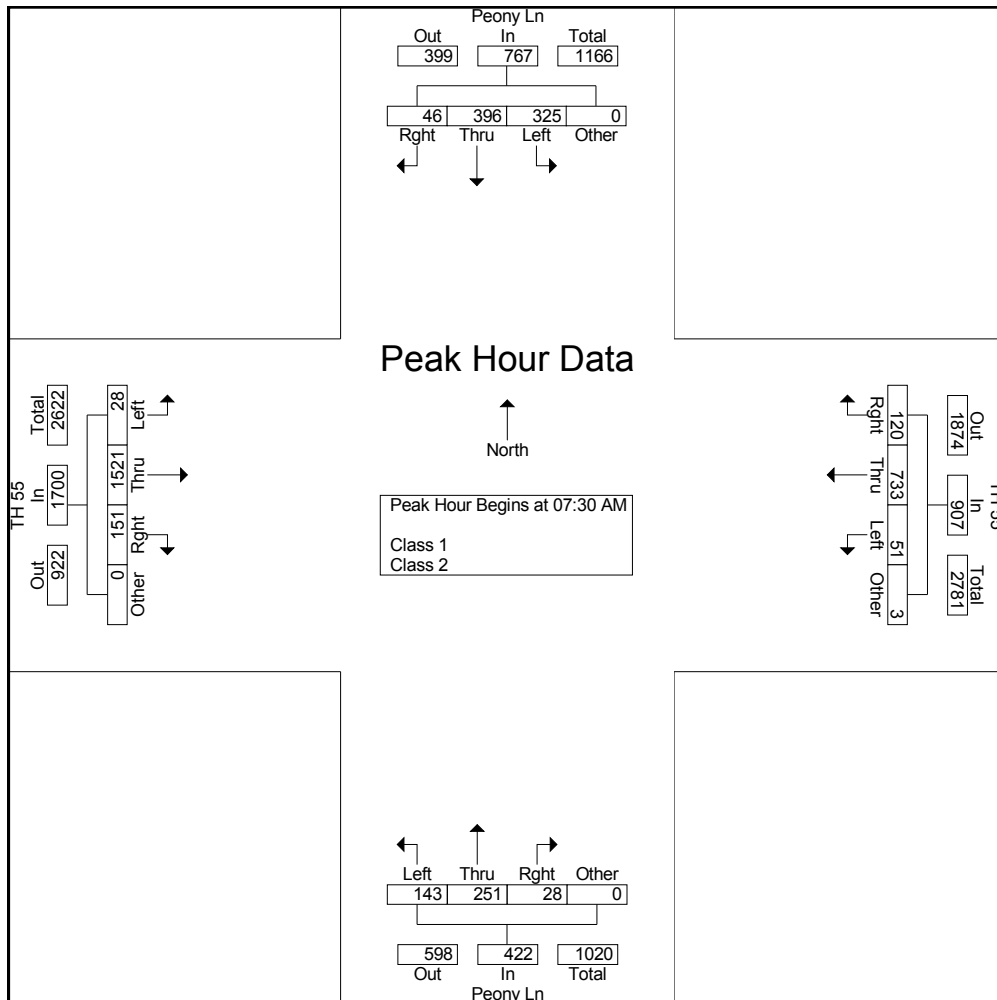
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	15	96	88	199	0	35	150	15	200	0	7	54	27	88	0	30	438	3	471	958
07:45 AM	0	12	102	66	180	0	39	217	6	262	0	8	68	42	118	0	30	392	14	436	996
08:00 AM	0	8	99	73	180	0	37	198	18	253	0	4	86	49	139	0	38	322	5	365	937
08:15 AM	0	11	99	98	208	3	9	168	12	192	0	9	43	25	77	0	53	369	6	428	905
Total Volume	0	46	396	325	767	3	120	733	51	907	0	28	251	143	422	0	151	1521	28	1700	3796
% App. Total	0	6	51.6	42.4		0.3	13.2	80.8	5.6		0	6.6	59.5	33.9		0	8.9	89.5	1.6		
PHF	.000	.767	.971	.829	.922	.250	.769	.844	.708	.865	.000	.778	.730	.730	.759	.000	.712	.868	.500	.902	.953



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	Other	Rgh t	Thr u	Left	App. Total	Other	Rgh t	Thr u	Left	App. Total	Other	Rgh t	Thr u	Left	App. Total	Other	Rgh t	Thr u	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	16	32	29	77	0	97	517	29	643	0	20	49	90	159	0	11	172	8	191	1070
05:00 PM	0	20	31	26	77	0	93	418	12	523	0	22	42	78	142	0	13	173	9	195	937
05:15 PM	0	19	55	33	107	0	100	394	20	514	0	17	56	91	164	0	32	168	8	208	993
05:30 PM	0	32	45	23	100	0	117	515	17	649	0	6	36	72	114	0	17	190	10	217	1080
Total Volume	0	87	163	111	361	0	407	1844	78	2329	0	65	183	331	579	0	73	703	35	811	4080
% App. Total	0	24.1	45.2	30.7		0	17.5	79.2	3.3		0	11.2	31.6	57.2		0	9	86.7	4.3		
PHF	.000	.680	.741	.841	.843	.000	.870	.892	.672	.897	.000	.739	.817	.909	.883	.000	.570	.925	.875	.934	.944

