

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 55 and Winnetka

Ref.Pt.: 185.09

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 421_TH 55 & Winnetka

Site Code : 421_____

Start Date : 2/15/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Winnetka Ave From North					TH 55 From East					Winnetka Ave 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	6	7	21	34	0	9	106	1	116	0	1	5	4	10	0	1	13	98	4	116	276
06:15 AM	0	5	17	33	55	0	16	98	2	116	0	0	8	5	13	0	19	133	7	159	343	
06:30 AM	0	11	11	34	56	0	20	153	3	176	0	0	18	3	21	0	26	176	10	212	465	
06:45 AM	0	7	35	57	99	0	29	216	6	251	0	1	11	8	20	0	22	219	23	264	634	
Total	0	29	70	145	244	0	74	573	12	659	0	2	42	20	64	1	80	626	44	751	1718	
07:00 AM	0	12	49	63	124	0	15	241	3	259	0	0	19	8	27	0	27	332	22	381	791	
07:15 AM	0	16	58	63	137	0	31	221	15	267	0	3	31	14	48	0	33	375	20	428	880	
07:30 AM	0	23	59	112	194	0	34	259	13	306	0	3	24	23	50	0	29	460	31	520	1070	
07:45 AM	0	23	89	81	193	0	33	337	10	380	0	5	23	24	52	0	51	431	26	508	1133	
Total	0	74	255	319	648	0	113	1058	41	1212	0	11	97	69	177	0	140	1598	99	1837	3874	
08:00 AM	0	18	58	64	140	0	32	400	18	450	0	2	47	18	67	0	56	469	28	553	1210	
08:15 AM	0	23	61	65	149	1	33	395	14	443	0	1	21	5	27	0	46	342	39	427	1046	
08:30 AM	0	27	50	71	148	0	32	300	12	344	0	5	24	13	42	0	29	246	42	317	851	
08:45 AM	0	21	69	96	186	0	35	277	17	329	0	4	46	30	80	0	41	257	41	339	934	
Total	0	89	238	296	623	1	132	1372	61	1566	0	12	138	66	216	0	172	1314	150	1636	4041	
09:00 AM	0	24	43	60	127	0	30	196	5	231	0	3	25	16	44	0	24	286	34	344	746	
09:15 AM	0	12	38	56	106	0	30	177	9	216	0	4	25	10	39	0	16	235	17	268	629	
*** BREAK ***																						
Total	0	36	81	116	233	0	60	373	14	447	0	7	50	26	83	0	40	521	51	612	1375	
*** BREAK ***																						
10:30 AM	0	14	24	28	66	0	42	165	12	219	0	3	26	15	44	0	12	128	29	169	498	
10:45 AM	0	17	10	22	49	0	23	198	8	229	0	6	19	16	41	0	17	163	31	211	530	
Total	0	31	34	50	115	0	65	363	20	448	0	9	45	31	85	0	29	291	60	380	1028	
11:00 AM	0	19	14	24	57	0	40	158	3	201	0	4	39	18	61	0	21	169	51	241	560	
11:15 AM	0	21	46	58	125	0	44	171	14	229	0	4	31	13	48	0	12	175	52	239	641	
11:30 AM	0	34	48	44	126	0	52	142	1	195	0	3	24	16	43	2	7	172	74	255	619	
11:45 AM	0	32	35	42	109	0	63	137	5	205	0	5	45	18	68	0	13	161	50	224	606	
Total	0	106	143	168	417	0	199	608	23	830	0	16	139	65	220	2	53	677	227	959	2426	
12:00 PM	0	32	33	54	119	0	63	139	13	215	0	5	52	18	75	0	13	177	39	229	638	
12:15 PM	0	25	23	30	78	0	73	136	10	219	0	7	48	14	69	0	22	157	52	231	597	
12:30 PM	0	37	28	58	123	0	45	146	14	205	0	4	27	18	49	0	10	155	43	208	585	
12:45 PM	0	35	61	76	172	0	44	163	10	217	0	2	26	12	40	0	11	161	52	224	653	
Total	0	129	145	218	492	0	225	584	47	856	0	18	153	62	233	0	56	650	186	892	2473	
01:00 PM	0	40	37	72	149	0	34	156	10	200	0	3	35	22	60	0	9	164	47	220	629	
01:15 PM	0	24	41	61	126	0	39	159	7	205	0	2	33	23	58	0	17	153	62	232	621	
*** BREAK ***																						
Total	0	64	78	133	275	0	73	315	17	405	0	5	68	45	118	0	26	317	109	452	1250	
*** BREAK ***																						
02:30 PM	0	28	22	35	85	1	46	229	7	283	0	1	54	24	79	0	13	217	31	261	708	
02:45 PM	0	43	19	48	110	0	36	232	11	279	0	2	50	26	78	0	13	237	30	280	747	
Total	0	71	41	83	195	1	82	461	18	562	0	3	104	50	157	0	26	454	61	541	1455	
03:00 PM	0	33	16	17	66	0	55	205	6	266	0	6	49	36	91	0	11	226	44	281	704	
03:15 PM	0	24	21	27	72	0	58	267	5	330	0	0	58	34	92	0	14	262	48	324	818	
03:30 PM	0	31	24	65	120	0	47	275	7	329	0	2	52	29	83	0	16	286	32	334	866	
03:45 PM	0	29	41	56	126	0	51	269	7	327	0	3	60	44	107	0	16	334	43	393	953	
Total	0	117	102	165	384	0	211	1016	25	1252	0	11	219	143	373	0	57	1108	167	1332	3341	
04:00 PM	0	42	60	56	158	0	60	314	6	380	0	5	69	50	124	0	16	311	35	362	1024	
04:15 PM	0	33	31	31	95	0	68	402	5	475	0	5	61	51	117	0	22	368	55	445	1132	
04:30 PM	0	35	11	64	110	0	76	361	9	446	0	0	72	45	117	0	19	382	54	455	1128	

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04:45 PM	0	35	35	73	143	0	67	373	13	453	0	8	106	81	195	0	13	445	68	526	1317
Total	0	145	137	224	506	0	271	1450	33	1754	0	18	308	227	553	0	70	1506	212	1788	4601
05:00 PM	0	41	53	79	173	0	80	422	15	517	0	7	77	58	142	0	16	430	51	497	1329
05:15 PM	0	43	59	85	187	1	65	418	11	495	0	5	98	62	165	0	36	440	48	524	1371
05:30 PM	0	56	55	85	196	0	83	335	9	427	0	7	95	69	171	0	19	413	58	490	1284
05:45 PM	0	65	73	92	230	0	57	298	10	365	0	6	92	55	153	0	18	400	52	470	1218
Total	0	205	240	341	786	1	285	1473	45	1804	0	25	362	244	631	0	89	1683	209	1981	5202
Grand Total	0	1096	1564	2258	4918	3	1790	9646	356	11795	0	137	1725	1048	2910	3	838	10745	1575	13161	32784
Apprch %	0	22.3	31.8	45.9		0	15.2	81.8	3		0	4.7	59.3	36		0	6.4	81.6	12		
Total %	0	3.3	4.8	6.9	15	0	5.5	29.4	1.1	36	0	0.4	5.3	3.2	8.9	0	2.6	32.8	4.8	40.1	
Class 1	0	1072	1500	2168	4740	1	1752	9270	347	11370	0	131	1666	1026	2823	1	820	10369	1544	12734	31667
% Class 1	0	97.8	95.9	96	96.4	33.3	97.9	96.1	97.5	96.4	0	95.6	96.6	97.9	97	33.3	97.9	96.5	98	96.8	96.6
Class 2	0	24	64	90	178	2	38	376	9	425	0	6	59	22	87	2	18	376	31	427	1117
% Class 2	0	2.2	4.1	4	3.6	66.7	2.1	3.9	2.5	3.6	0	4.4	3.4	2.1	3	66.7	2.1	3.5	2	3.2	3.4

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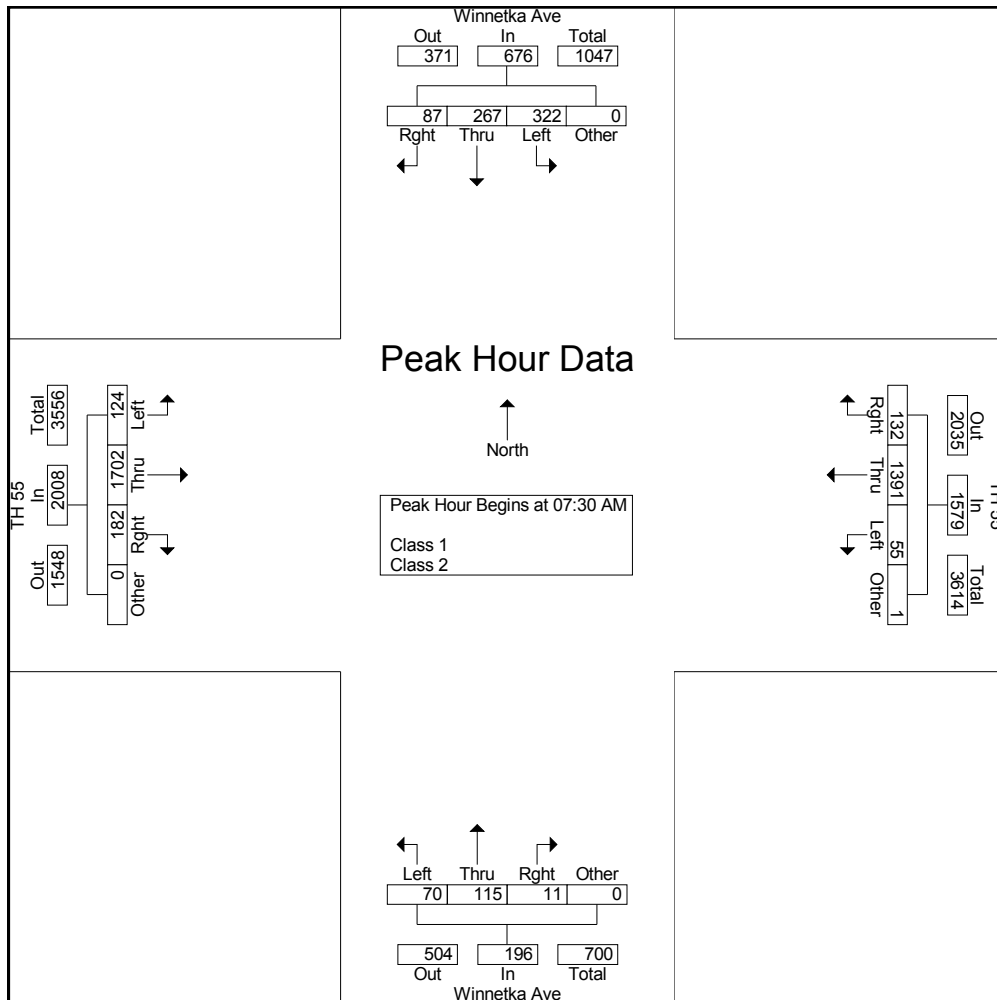
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	23	59	112	194	0	34	259	13	306	0	3	24	23	50	0	29	460	31	520	1070
07:45 AM	0	23	89	81	193	0	33	337	10	380	0	5	23	24	52	0	51	431	26	508	1133
08:00 AM	0	18	58	64	140	0	32	400	18	450	0	2	47	18	67	0	56	469	28	553	1210
08:15 AM	0	23	61	65	149	1	33	395	14	443	0	1	21	5	27	0	46	342	39	427	1046
Total Volume	0	87	267	322	676	1	132	1391	55	1579	0	11	115	70	196	0	182	1702	124	2008	4459
% App. Total	0	12.9	39.5	47.6		0.1	8.4	88.1	3.5		0	5.6	58.7	35.7		0	9.1	84.8	6.2		
PHF	.000	.946	.750	.719	.871	.250	.971	.869	.764	.877	.000	.550	.612	.729	.731	.000	.813	.907	.795	.908	.921



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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	35	35	73	143	0	67	373	13	453	0	8	106	81	195	0	13	445	68	526	1317
05:00 PM	0	41	53	79	173	0	80	422	15	517	0	7	77	58	142	0	16	430	51	497	1329
05:15 PM	0	43	59	85	187	1	65	418	11	495	0	5	98	62	165	0	36	440	48	524	1371
05:30 PM	0	56	55	85	196	0	83	335	9	427	0	7	95	69	171	0	19	413	58	490	1284
Total Volume	0	175	202	322	699	1	295	1548	48	1892	0	27	376	270	673	0	84	1728	225	2037	5301
% App. Total	0	25	28.9	46.1		0.1	15.6	81.8	2.5		0	4	55.9	40.1		0	4.1	84.8	11		
PHF	.000	.781	.856	.947	.892	.250	.889	.917	.800	.915	.000	.844	.887	.833	.863	.000	.583	.971	.827	.968	.967

