

# Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 55 and Theo Wirth Parkway

Ref.Pt.: 187.672

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 428\_TH 55 & Theo Wirth Pkwy

Site Code : 428

Start Date : 2/21/2018

Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	Theo Wirth Pkwy From North					TH 55 From East					Theo Wirth Pkwy 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	8	3	1	12	0	1	49	1	51	0	0	5	1	6	0	1	73	4	78	147
06:15 AM	0	12	4	2	18	0	4	73	1	78	0	0	1	1	2	0	0	106	11	117	215
06:30 AM	0	4	10	7	21	0	2	91	1	94	0	0	6	2	8	1	2	172	11	186	309
06:45 AM	0	7	12	8	27	0	6	107	1	114	0	2	3	2	7	0	2	232	7	241	389
Total	0	31	29	18	78	0	13	320	4	337	0	2	15	6	23	1	5	583	33	622	1060
07:00 AM	0	12	18	4	34	0	5	109	2	116	0	1	7	7	15	0	5	303	1	309	474
07:15 AM	0	6	26	3	35	0	1	160	4	165	0	1	0	8	9	0	4	392	6	402	611
07:30 AM	0	10	22	11	43	0	2	201	0	203	0	0	11	15	26	0	12	465	6	483	755
07:45 AM	0	12	32	7	51	0	5	184	5	194	0	1	9	18	28	0	7	496	8	511	784
Total	0	40	98	25	163	0	13	654	11	678	0	3	27	48	78	0	28	1656	21	1705	2624
08:00 AM	0	8	25	12	45	0	5	241	3	249	0	3	18	18	39	0	6	480	14	500	833
08:15 AM	0	23	24	5	52	0	2	325	3	330	0	1	10	12	23	1	7	483	15	506	911
08:30 AM	0	6	19	2	27	0	1	189	3	193	0	3	11	12	26	0	7	443	14	464	710
08:45 AM	0	12	14	1	27	0	6	135	1	142	0	5	6	9	20	0	9	402	7	418	607
Total	0	49	82	20	151	0	14	890	10	914	0	12	45	51	108	1	29	1808	50	1888	3061
09:00 AM	0	9	14	6	29	0	4	99	1	104	0	6	6	6	18	0	4	240	5	249	400
09:15 AM	0	7	14	3	24	0	3	103	5	111	0	2	5	3	10	1	3	224	8	236	381
*** BREAK ***																					
Total	0	16	28	9	53	0	7	202	6	215	0	8	11	9	28	1	7	464	13	485	781
*** BREAK ***																					
10:30 AM	0	2	6	4	12	0	3	70	1	74	0	2	7	1	10	1	5	92	6	104	200
10:45 AM	0	10	9	1	20	0	5	82	3	90	0	4	10	4	18	0	1	90	3	94	222
Total	0	12	15	5	32	0	8	152	4	164	0	6	17	5	28	1	6	182	9	198	422
11:00 AM	0	11	10	2	23	0	1	83	0	84	0	0	12	4	16	0	7	92	5	104	227
11:15 AM	0	8	8	2	18	0	6	81	1	88	0	2	8	5	15	0	7	95	5	107	228
11:30 AM	0	5	7	1	13	0	3	97	1	101	0	0	7	2	9	3	7	97	12	119	242
11:45 AM	0	14	11	6	31	0	2	73	3	78	0	0	6	7	13	0	3	100	8	111	233
Total	0	38	36	11	85	0	12	334	5	351	0	2	33	18	53	3	24	384	30	441	930
12:00 PM	0	7	11	4	22	0	2	94	0	96	0	3	6	7	16	1	2	90	10	103	237
12:15 PM	0	15	13	0	28	0	6	97	1	104	0	4	7	6	17	3	2	91	19	115	264
12:30 PM	0	4	8	1	13	0	1	87	1	89	0	0	11	6	17	0	9	113	9	131	250
12:45 PM	0	7	8	3	18	0	5	95	1	101	0	2	13	4	19	1	3	101	12	117	255
Total	0	33	40	8	81	0	14	373	3	390	0	9	37	23	69	5	16	395	50	466	1006
01:00 PM	0	9	7	2	18	0	4	94	0	98	0	4	6	4	14	0	3	114	12	129	259
01:15 PM	0	11	8	0	19	0	1	111	1	113	0	1	8	0	9	0	9	105	7	121	262
*** BREAK ***																					
Total	0	20	15	2	37	0	5	205	1	211	0	5	14	4	23	0	12	219	19	250	521
*** BREAK ***																					
02:30 PM	0	12	14	2	28	0	1	114	2	117	0	5	10	11	26	0	2	171	16	189	360
02:45 PM	0	9	13	2	24	0	6	113	3	122	0	2	16	7	25	0	6	170	15	191	362
Total	0	21	27	4	52	0	7	227	5	239	0	7	26	18	51	0	8	341	31	380	722
03:00 PM	0	11	17	2	30	0	6	162	5	173	1	1	14	2	18	1	3	189	9	202	423
03:15 PM	0	7	14	5	26	0	4	148	5	157	0	3	17	11	31	0	1	187	22	210	424
03:30 PM	0	3	8	6	17	0	5	151	3	159	0	2	17	3	22	3	3	245	21	272	470
03:45 PM	0	5	10	3	18	0	7	194	1	202	0	2	28	8	38	2	5	254	28	289	547
Total	0	26	49	16	91	0	22	655	14	691	1	8	76	24	109	6	12	875	80	973	1864
04:00 PM	0	5	12	2	19	0	6	189	5	200	0	1	40	7	48	2	2	266	30	300	567
04:15 PM	0	1	16	3	20	0	6	233	5	244	0	0	27	4	31	2	6	298	35	341	636
04:30 PM	1	6	12	1	20	1	11	257	6	275	0	4	32	6	42	1	5	352	24	382	719

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Site Code : 428

Start Date : 2/21/2018

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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	7	12	4	23	0	11	302	4	317	0	2	31	6	39	1	1	417	40	459	838
Total	1	19	52	10	82	1	34	981	20	1036	0	7	130	23	160	6	14	1333	129	1482	2760
05:00 PM	0	9	21	7	37	0	10	293	4	307	0	2	40	10	52	2	6	459	31	498	894
05:15 PM	0	2	18	5	25	0	7	340	10	357	0	4	32	6	42	0	23	452	37	512	936
05:30 PM	0	1	20	5	26	0	9	269	4	282	0	6	26	13	45	1	7	391	25	424	777
05:45 PM	0	7	9	2	18	0	11	230	4	245	0	1	29	5	35	0	18	287	22	327	625
Total	0	19	68	19	106	0	37	1132	22	1191	0	13	127	34	174	3	54	1589	115	1761	3232
Grand Total	1	324	539	147	1011	1	186	6125	105	6417	1	82	558	263	904	27	215	9829	580	10651	18983
Apprch %	0.1	32	53.3	14.5		0	2.9	95.4	1.6		0.1	9.1	61.7	29.1		0.3	2	92.3	5.4		
Total %	0	1.7	2.8	0.8	5.3	0	1	32.3	0.6	33.8	0	0.4	2.9	1.4	4.8	0.1	1.1	51.8	3.1	56.1	
Class 1	1	318	530	145	994	1	182	5888	103	6174	1	81	554	263	899	10	212	9522	567	10311	18378
% Class 1	100	98.1	98.3	98.6	98.3	100	97.8	96.1	98.1	96.2	100	98.8	99.3	100	99.4	37	98.6	96.9	97.8	96.8	96.8
Class 2	0	6	9	2	17	0	4	237	2	243	0	1	4	0	5	17	3	307	13	340	605
% Class 2	0	1.9	1.7	1.4	1.7	0	2.2	3.9	1.9	3.8	0	1.2	0.7	0	0.6	63	1.4	3.1	2.2	3.2	3.2

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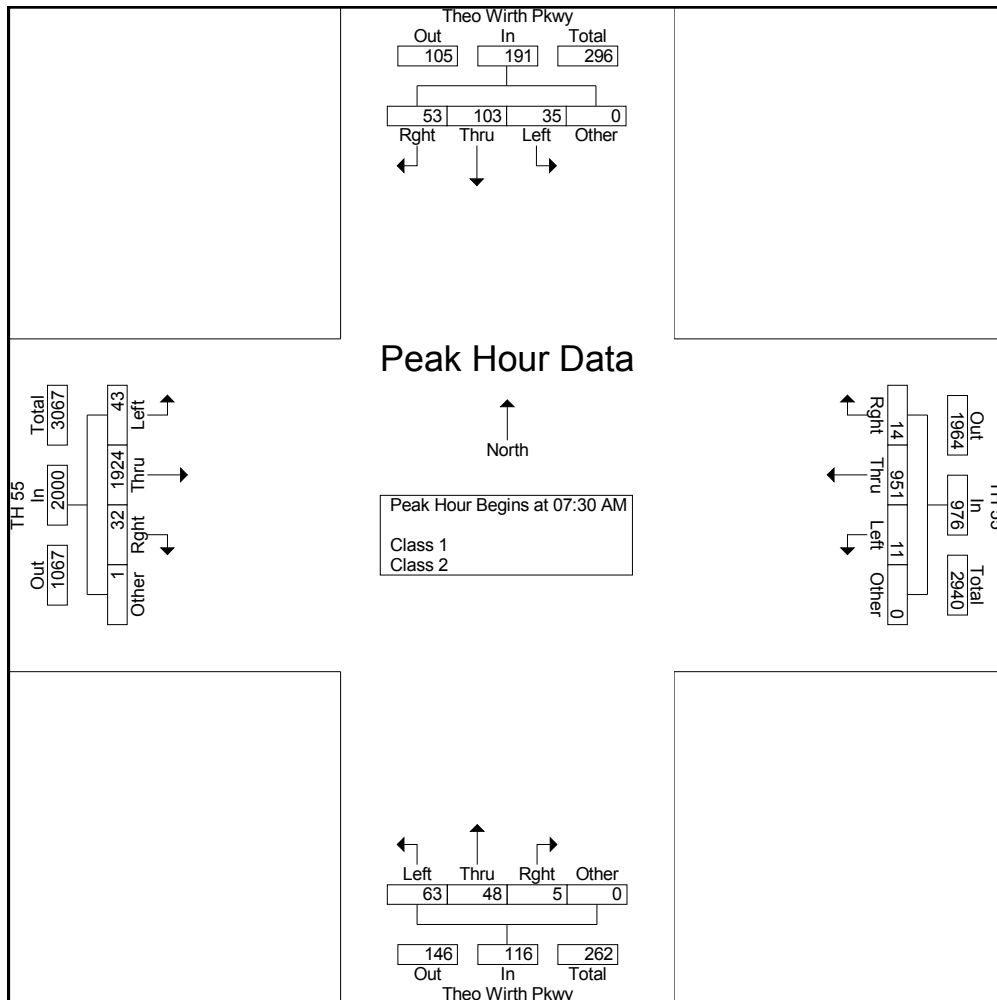
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	10	22	11	43	0	2	201	0	203	0	0	11	15	26	0	12	465	6	483	755
07:45 AM	0	12	32	7	51	0	5	184	5	194	0	1	9	18	28	0	7	496	8	511	784
08:00 AM	0	8	25	12	45	0	5	241	3	249	0	3	18	18	39	0	6	480	14	500	833
08:15 AM	0	23	24	5	52	0	2	325	3	330	0	1	10	12	23	1	7	483	15	506	911
Total Volume	0	53	103	35	191	0	14	951	11	976	0	5	48	63	116	1	32	1924	43	2000	3283
% App. Total	0	27.7	53.9	18.3		0	1.4	97.4	1.1		0	4.3	41.4	54.3		0.1	1.6	96.2	2.2		
PHF	.000	.576	.805	.729	.918	.000	.700	.732	.550	.739	.000	.417	.667	.875	.744	.250	.667	.970	.717	.978	.901



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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	7	12	4	23	0	11	302	4	317	0	2	31	6	39	1	1	417	40	459	838
05:00 PM	0	9	21	7	37	0	10	293	4	307	0	2	40	10	52	2	6	459	31	498	894
05:15 PM	0	2	18	5	25	0	7	340	10	357	0	4	32	6	42	0	23	452	37	512	936
05:30 PM	0	1	20	5	26	0	9	269	4	282	0	6	26	13	45	1	7	391	25	424	777
Total Volume	0	19	71	21	111	0	37	1204	22	1263	0	14	129	35	178	4	37	1719	133	1893	3445
% App. Total	0	17.1	64	18.9		0	2.9	95.3	1.7		0	7.9	72.5	19.7		0.2	2	90.8	7		
PHF	.000	.528	.845	.750	.750	.000	.841	.885	.550	.884	.000	.583	.806	.673	.856	.500	.402	.936	.831	.924	.920

