

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 55 and Arrowhead Drive

Ref.Pt.: 174.436

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 403_TH 55 & Arrowhead Dr

Site Code : 403

Start Date : 1/17/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Arrowhead Dr From North					TH 55 From East					Arrowhead Dr 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	0	4	7	11	0	3	26	5	34	0	2	1	0	3	0	6	229	5	240	288
06:15 AM	0	0	4	4	8	0	8	41	14	63	0	2	1	1	4	0	10	269	0	279	354
06:30 AM	0	4	10	6	20	0	2	59	21	82	0	3	0	0	3	0	18	279	2	299	404
06:45 AM	0	2	7	3	12	0	15	42	25	82	0	0	0	0	0	0	12	303	5	320	414
Total	0	6	25	20	51	0	28	168	65	261	0	7	2	1	10	0	46	1080	12	1138	1460
07:00 AM	0	1	6	8	15	0	24	63	11	98	0	2	1	0	3	0	14	265	5	284	400
07:15 AM	0	2	7	14	23	0	12	69	8	89	0	3	2	2	7	0	5	324	8	337	456
07:30 AM	0	6	9	16	31	0	21	53	4	78	0	4	1	1	6	0	6	293	4	303	418
07:45 AM	0	3	9	25	37	0	37	69	2	108	0	1	2	0	3	0	7	306	5	318	466
Total	0	12	31	63	106	0	94	254	25	373	0	10	6	3	19	0	32	1188	22	1242	1740
08:00 AM	0	0	3	3	6	0	28	59	11	98	0	0	0	0	0	0	12	261	5	278	382
08:15 AM	0	4	1	8	13	0	18	64	14	96	0	1	2	0	3	0	5	256	6	267	379
08:30 AM	0	1	6	13	20	0	8	57	8	73	0	1	3	2	6	0	5	222	3	230	329
08:45 AM	0	1	7	8	16	0	8	54	8	70	0	2	1	0	3	0	3	198	3	204	293
Total	0	6	17	32	55	0	62	234	41	337	0	4	6	2	12	0	25	937	17	979	1383
09:00 AM	0	1	0	7	8	0	4	55	15	74	0	12	2	3	17	0	2	151	0	153	252
09:15 AM	0	0	3	2	5	0	5	50	12	67	0	3	0	4	7	0	3	132	1	136	215
*** BREAK ***																					
Total	0	1	3	9	13	0	9	105	27	141	0	15	2	7	24	0	5	283	1	289	467
*** BREAK ***																					
10:30 AM	0	0	1	2	3	0	5	54	4	63	0	7	0	1	8	0	1	88	3	92	166
10:45 AM	0	2	0	5	7	0	3	48	4	55	0	6	0	0	6	0	0	92	1	93	161
Total	0	2	1	7	10	0	8	102	8	118	0	13	0	1	14	0	1	180	4	185	327
11:00 AM	0	1	1	3	5	0	0	62	8	70	0	12	1	3	16	0	1	104	1	106	197
11:15 AM	0	1	1	3	5	0	6	73	7	86	0	13	4	1	18	0	0	100	0	100	209
11:30 AM	0	1	0	9	10	0	4	61	6	71	0	10	1	3	14	0	1	88	0	89	184
11:45 AM	0	1	1	15	17	0	3	46	9	58	0	14	0	1	15	0	3	83	0	86	176
Total	0	4	3	30	37	0	13	242	30	285	0	49	6	8	63	0	5	375	1	381	766
12:00 PM	0	0	2	16	18	0	5	72	12	89	0	12	1	1	14	0	1	88	2	91	212
12:15 PM	0	2	2	8	12	0	5	79	6	90	0	13	2	0	15	0	2	97	0	99	216
12:30 PM	0	3	2	4	9	0	10	59	13	82	0	8	0	0	8	0	0	99	0	99	198
12:45 PM	0	2	3	3	8	0	18	106	15	139	0	6	2	1	9	0	1	97	0	98	254
Total	0	7	9	31	47	0	38	316	46	400	0	39	5	2	46	0	4	381	2	387	880
01:00 PM	0	0	2	2	4	0	13	92	10	115	0	8	2	0	10	0	3	80	1	84	213
01:15 PM	0	0	0	4	4	0	8	75	8	91	0	11	0	5	16	0	0	84	1	85	196
*** BREAK ***																					
Total	0	0	2	6	8	0	21	167	18	206	0	19	2	5	26	0	3	164	2	169	409
*** BREAK ***																					
02:30 PM	0	4	1	4	9	0	6	151	1	158	0	13	2	1	16	0	1	95	1	97	280
02:45 PM	0	3	1	3	7	0	4	179	4	187	0	12	4	3	19	0	2	85	6	93	306
Total	0	7	2	7	16	0	10	330	5	345	0	25	6	4	35	0	3	180	7	190	586
03:00 PM	0	2	3	3	8	0	7	221	10	238	0	12	2	5	19	0	4	107	0	111	376
03:15 PM	0	1	6	8	15	0	10	217	8	235	0	9	3	4	16	0	1	96	2	99	365
03:30 PM	0	1	0	5	6	0	5	140	4	149	0	54	16	29	99	0	1	114	0	115	369
03:45 PM	0	2	0	5	7	0	7	156	2	165	0	26	9	4	39	0	0	105	0	105	316
Total	0	6	9	21	36	0	29	734	24	787	0	101	30	42	173	0	6	422	2	430	1426
04:00 PM	0	4	0	19	23	0	4	201	5	210	0	24	3	7	34	0	0	118	0	118	385
04:15 PM	0	1	3	14	18	1	9	167	2	179	0	18	7	17	42	0	5	88	3	96	335
04:30 PM	0	2	2	20	24	0	6	210	3	219	0	36	2	12	50	0	2	120	0	122	415

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04:45 PM	0	3	2	21	26	0	7	235	0	242	1	20	3	4	28	0	2	109	3	114	410
Total	0	10	7	74	91	1	26	813	10	850	1	98	15	40	154	0	9	435	6	450	1545
05:00 PM	0	5	1	34	40	0	7	282	0	289	0	20	4	14	38	0	3	151	1	155	522
05:15 PM	0	2	1	16	19	0	7	179	1	187	0	15	5	3	23	0	0	99	2	101	330
05:30 PM	0	3	3	26	32	0	18	208	0	226	0	26	0	1	27	0	0	117	0	117	402
05:45 PM	0	3	3	18	24	0	15	238	0	253	0	15	3	4	22	0	2	90	2	94	393
Total	0	13	8	94	115	0	47	907	1	955	0	76	12	22	110	0	5	457	5	467	1647
Grand Total	0	74	117	394	585	1	385	4372	300	5058	1	456	92	137	686	0	144	6082	81	6307	12636
Apprch %	0	12.6	20	67.4		0	7.6	86.4	5.9		0.1	66.5	13.4	20		0	2.3	96.4	1.3		
Total %	0	0.6	0.9	3.1	4.6	0	3	34.6	2.4	40	0	3.6	0.7	1.1	5.4	0	1.1	48.1	0.6	49.9	
Class 1	0	71	113	388	572	1	373	4185	264	4823	1	436	91	132	660	0	141	5860	75	6076	12131
% Class 1	0	95.9	96.6	98.5	97.8	100	96.9	95.7	88	95.4	100	95.6	98.9	96.4	96.2	0	97.9	96.3	92.6	96.3	96
Class 2	0	3	4	6	13	0	12	187	36	235	0	20	1	5	26	0	3	222	6	231	505
% Class 2	0	4.1	3.4	1.5	2.2	0	3.1	4.3	12	4.6	0	4.4	1.1	3.6	3.8	0	2.1	3.7	7.4	3.7	4

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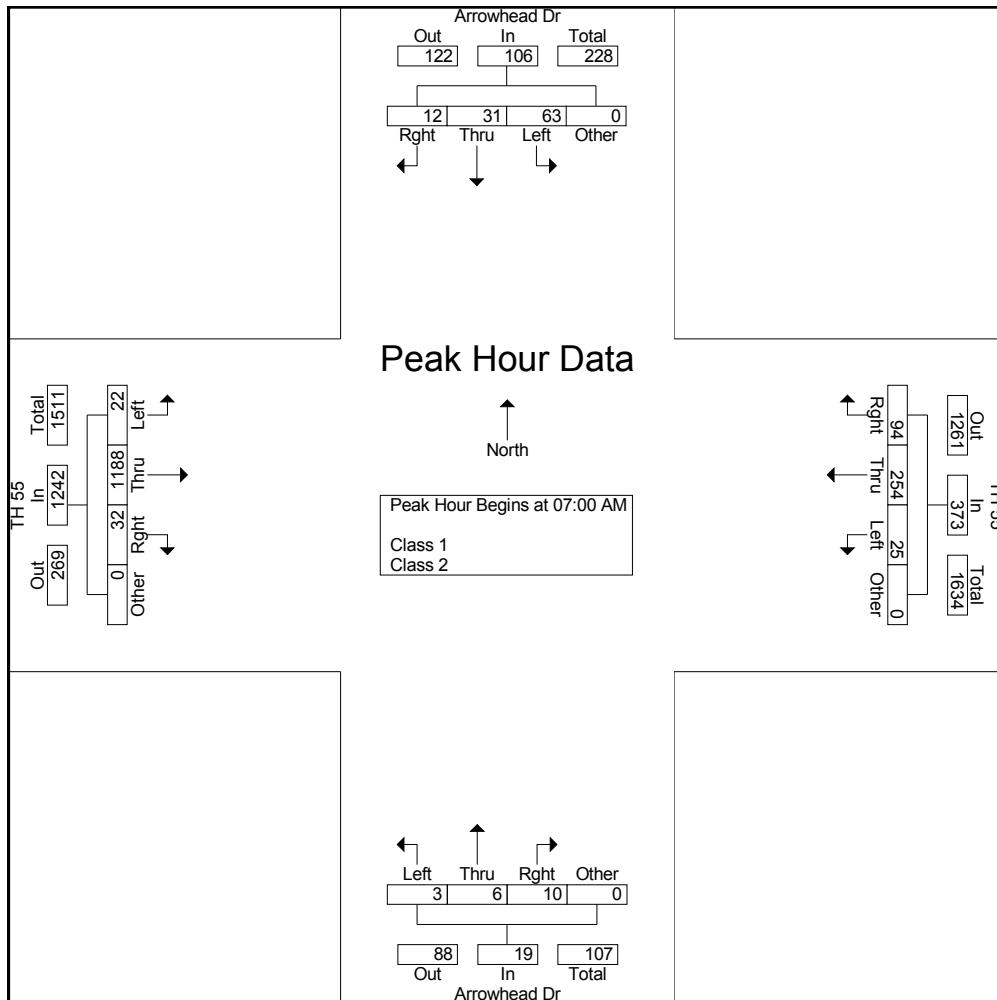
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	1	6	8	15	0	24	63	11	98	0	2	1	0	3	0	14	265	5	284	400
07:15 AM	0	2	7	14	23	0	12	69	8	89	0	3	2	2	7	0	5	324	8	337	456
07:30 AM	0	6	9	16	31	0	21	53	4	78	0	4	1	1	6	0	6	293	4	303	418
07:45 AM	0	3	9	25	37	0	37	69	2	108	0	1	2	0	3	0	7	306	5	318	466
Total Volume	0	12	31	63	106	0	94	254	25	373	0	10	6	3	19	0	32	1188	22	1242	1740
% App. Total	0	11.3	29.2	59.4		0	25.2	68.1	6.7		0	52.6	31.6	15.8		0	2.6	95.7	1.8		
PHF	.000	.500	.861	.630	.716	.000	.635	.920	.568	.863	.000	.625	.750	.375	.679	.000	.571	.917	.688	.921	.933



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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 04:15 PM																					
04:15 PM	0	1	3	14	18	1	9	167	2	179	0	18	7	17	42	0	5	88	3	96	335
04:30 PM	0	2	2	20	24	0	6	210	3	219	0	36	2	12	50	0	2	120	0	122	415
04:45 PM	0	3	2	21	26	0	7	235	0	242	1	20	3	4	28	0	2	109	3	114	410
05:00 PM	0	5	1	34	40	0	7	282	0	289	0	20	4	14	38	0	3	151	1	155	522
Total Volume	0	11	8	89	108	1	29	894	5	929	1	94	16	47	158	0	12	468	7	487	1682
% App. Total	0	10.2	7.4	82.4		0.1	3.1	96.2	0.5		0.6	59.5	10.1	29.7		0	2.5	96.1	1.4		
PHF	.000	.550	.667	.654	.675	.250	.806	.793	.417	.804	.250	.653	.571	.691	.790	.000	.600	.775	.583	.785	.806

