

# Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & 694 N Ramp

Ref.Pt.: 36.951

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 607\_TH 47 & 694 N Ramp

Site Code : 607

Start Date : 3/13/2018

Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					694 N Ramp From East					TH 47 From South					694 N Ramp 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	128	103	0	231	0	43	0	33	76	0	0	88	32	120	0	0	0	0	0	427
06:15 AM	0	114	197	0	311	0	81	0	37	118	0	0	79	65	144	0	0	0	0	0	573
06:30 AM	0	174	189	0	363	0	82	3	35	120	0	0	145	68	213	0	0	0	0	0	696
06:45 AM	0	153	172	0	325	0	65	1	33	99	0	0	144	48	192	0	0	0	0	0	616
Total	0	569	661	0	1230	0	271	4	138	413	0	0	456	213	669	0	0	0	0	0	2312
07:00 AM	0	156	194	0	350	0	47	0	33	80	0	0	167	46	213	0	0	0	0	0	643
07:15 AM	0	191	204	0	395	0	66	0	23	89	0	0	145	79	224	0	0	0	0	0	708
07:30 AM	0	180	243	0	423	0	46	0	23	69	0	0	183	122	305	0	0	0	0	0	797
07:45 AM	0	141	224	0	365	0	41	0	21	62	0	0	185	66	251	0	0	0	0	0	678
Total	0	668	865	0	1533	0	200	0	100	300	0	0	680	313	993	0	0	0	0	0	2826
08:00 AM	0	166	187	0	353	0	44	0	22	66	0	0	163	69	232	0	0	0	0	0	651
08:15 AM	0	136	135	0	271	0	40	0	18	58	0	0	196	70	266	0	0	0	0	0	595
08:30 AM	0	152	140	0	292	0	59	0	30	89	0	0	197	54	251	0	0	0	0	0	632
08:45 AM	0	122	114	0	236	0	64	0	23	87	0	0	186	59	245	0	0	0	0	0	568
Total	0	576	576	0	1152	0	207	0	93	300	0	0	742	252	994	0	0	0	0	0	2446
09:00 AM	0	152	131	0	283	0	66	1	13	80	0	0	178	46	224	0	0	0	0	0	587
09:15 AM	0	118	125	0	243	0	57	0	28	85	0	0	176	63	239	0	0	0	0	0	567
*** BREAK ***																					
Total	0	270	256	0	526	0	123	1	41	165	0	0	354	109	463	0	0	0	0	0	1154
*** BREAK ***																					
10:30 AM	0	132	125	0	257	0	72	0	19	91	0	0	139	49	188	0	0	0	0	0	536
10:45 AM	0	121	124	0	245	0	76	0	21	97	0	0	159	40	199	0	0	0	0	0	541
Total	0	253	249	0	502	0	148	0	40	188	0	0	298	89	387	0	0	0	0	0	1077
11:00 AM	0	121	157	0	278	0	75	0	28	103	0	0	193	35	228	0	0	0	0	0	609
11:15 AM	0	127	142	0	269	0	66	2	31	99	0	0	194	42	236	0	0	0	0	0	604
11:30 AM	0	140	149	0	289	0	89	3	18	110	0	0	205	39	244	0	0	0	0	0	643
11:45 AM	0	128	139	0	267	0	94	1	21	116	0	0	216	50	266	0	0	0	0	0	649
Total	0	516	587	0	1103	0	324	6	98	428	0	0	808	166	974	0	0	0	0	0	2505
12:00 PM	0	166	164	0	330	0	61	0	24	85	0	0	206	57	263	0	0	0	0	0	678
12:15 PM	0	159	147	0	306	0	73	0	28	101	0	0	242	59	301	0	0	0	0	0	708
12:30 PM	0	159	156	0	315	0	92	3	26	121	0	0	209	61	270	0	0	0	0	0	706
12:45 PM	0	143	182	0	325	0	84	1	28	113	0	0	233	47	280	0	0	0	0	0	718
Total	0	627	649	0	1276	0	310	4	106	420	0	0	890	224	1114	0	0	0	0	0	2810
01:00 PM	0	134	190	0	324	0	65	1	29	95	0	0	234	61	295	0	0	0	0	0	714
01:15 PM	0	157	169	0	326	0	83	1	37	121	0	0	242	73	315	0	0	0	0	0	762
*** BREAK ***																					
Total	0	291	359	0	650	0	148	2	66	216	0	0	476	134	610	0	0	0	0	0	1476
*** BREAK ***																					
02:30 PM	0	195	201	0	396	0	81	0	21	102	0	0	275	80	355	0	0	0	0	0	853
02:45 PM	0	154	179	0	333	0	109	0	32	141	0	0	287	72	359	0	0	0	0	0	833
Total	0	349	380	0	729	0	190	0	53	243	0	0	562	152	714	0	0	0	0	0	1686
03:00 PM	0	178	179	0	357	0	105	2	36	143	0	0	272	65	337	0	0	0	0	0	837
03:15 PM	0	193	199	0	392	0	72	0	36	108	0	0	317	77	394	0	0	0	0	0	894
03:30 PM	0	197	202	0	399	0	111	0	30	141	0	0	380	89	469	0	0	0	0	0	1009
03:45 PM	0	150	200	0	350	0	97	0	35	132	0	0	395	91	486	0	0	0	0	0	968
Total	0	718	780	0	1498	0	385	2	137	524	0	0	1364	322	1686	0	0	0	0	0	3708
04:00 PM	0	162	187	0	349	0	63	0	29	92	0	0	351	95	446	0	0	0	0	0	887
04:15 PM	0	151	162	0	313	0	43	0	19	62	0	0	379	73	452	0	0	0	0	0	827
04:30 PM	0	168	215	0	383	0	54	0	17	71	0	0	371	88	459	0	0	0	0	0	913

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04:45 PM	0	120	223	0	343	0	46	0	20	66	0	0	372	85	457	0	0	0	0	0	866
Total	0	601	787	0	1388	0	206	0	85	291	0	0	1473	341	1814	0	0	0	0	0	3493
05:00 PM	0	142	198	0	340	0	65	0	17	82	0	0	381	88	469	0	0	0	0	0	891
05:15 PM	0	151	190	0	341	0	57	0	17	74	0	0	398	75	473	0	0	0	0	0	888
05:30 PM	0	155	177	0	332	0	77	0	18	95	0	0	368	58	426	0	0	0	0	0	853
05:45 PM	0	131	161	0	292	0	91	0	29	120	0	0	318	54	372	0	0	0	0	0	784
Total	0	579	726	0	1305	0	290	0	81	371	0	0	1465	275	1740	0	0	0	0	0	3416
Grand Total	0	6017	6875	0	12892	0	2802	19	1038	3859	0	0	9568	2590	12158	0	0	0	0	0	28909
Apprch %	0	46.7	53.3	0		0	72.6	0.5	26.9		0	0	78.7	21.3		0	0	0	0		
Total %	0	20.8	23.8	0	44.6	0	9.7	0.1	3.6	13.3	0	0	33.1	9	42.1	0	0	0	0	0	
Class 1	0	5674	6565	0	12239	0	2617	17	869	3503	0	0	9263	2399	11662	0	0	0	0	0	27404
% Class 1	0	94.3	95.5	0	94.9	0	93.4	89.5	83.7	90.8	0	0	96.8	92.6	95.9	0	0	0	0	0	94.8
Class 2	0	343	310	0	653	0	185	2	169	356	0	0	305	191	496	0	0	0	0	0	1505
% Class 2	0	5.7	4.5	0	5.1	0	6.6	10.5	16.3	9.2	0	0	3.2	7.4	4.1	0	0	0	0	0	5.2

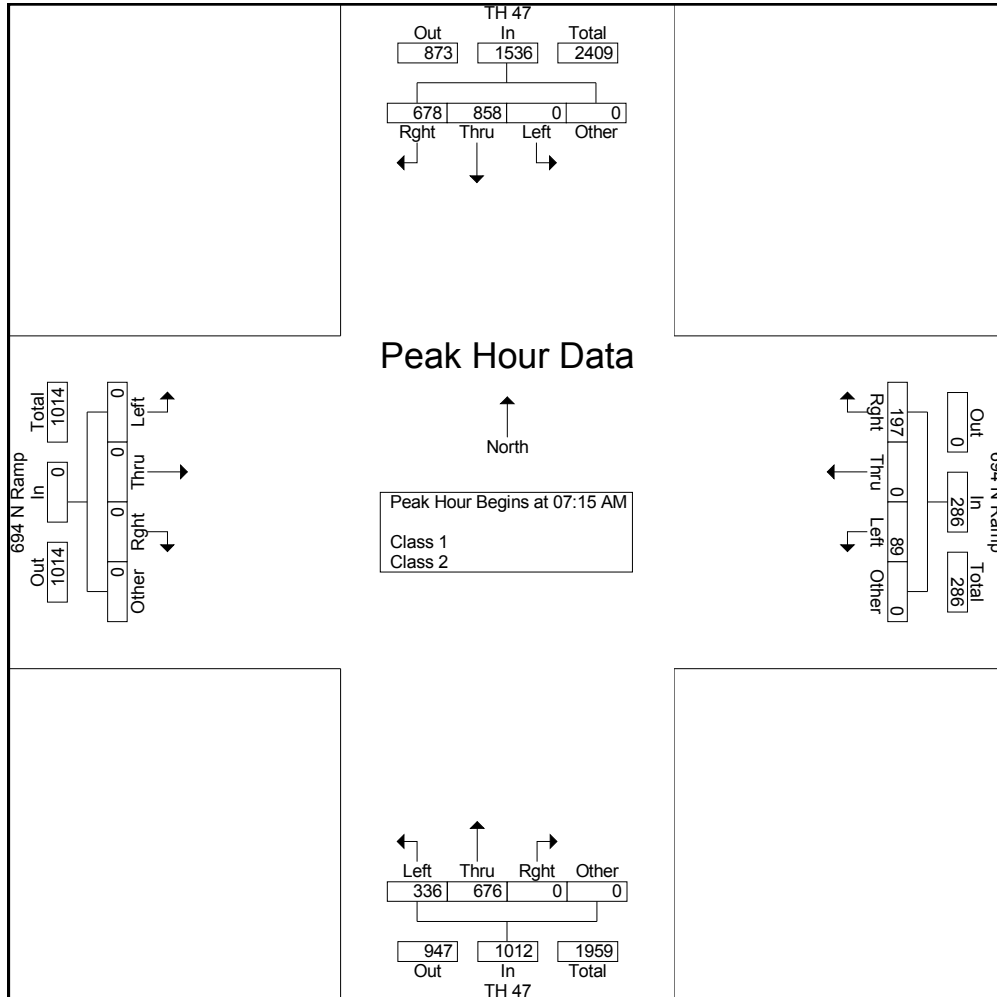
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	191	204	0	395	0	66	0	23	89	0	0	145	79	224	0	0	0	0	0	708
07:30 AM	0	180	243	0	423	0	46	0	23	69	0	0	183	122	305	0	0	0	0	0	797
07:45 AM	0	141	224	0	365	0	41	0	21	62	0	0	185	66	251	0	0	0	0	0	678
08:00 AM	0	166	187	0	353	0	44	0	22	66	0	0	163	69	232	0	0	0	0	0	651
Total Volume	0	678	858	0	1536	0	197	0	89	286	0	0	676	336	1012	0	0	0	0	0	2834
% App. Total	0	44.1	55.9	0		0	68.9	0	31.1		0	0	66.8	33.2		0	0	0	0	0	
PHF	.000	.887	.883	.000	.908	.000	.746	.000	.967	.803	.000	.000	.914	.689	.830	.000	.000	.000	.000	.000	.889



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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 03:15 PM																					
03:15 PM	0	193	199	0	392	0	72	0	36	108	0	0	317	77	394	0	0	0	0	0	894
03:30 PM	0	197	202	0	399	0	111	0	30	141	0	0	380	89	469	0	0	0	0	0	1009
03:45 PM	0	150	200	0	350	0	97	0	35	132	0	0	395	91	486	0	0	0	0	0	968
04:00 PM	0	162	187	0	349	0	63	0	29	92	0	0	351	95	446	0	0	0	0	0	887
Total Volume	0	702	788	0	1490	0	343	0	130	473	0	0	1443	352	1795	0	0	0	0	0	3758
% App. Total	0	47.1	52.9	0		0	72.5	0	27.5		0	0	80.4	19.6		0	0	0	0		
PHF	.000	.891	.975	.000	.934	.000	.773	.000	.903	.839	.000	.000	.913	.926	.923	.000	.000	.000	.000	.000	.931

