

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 55 and 494 West Ramp

Ref.Pt.: 22.257

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 412_TH 55 & 494 W Ramp

Site Code : 412

Start Date : 2/1/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	494 West Ramp From North					TH 55 From East					494 West Ramp 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	58	5	46	109	0	0	112	7	119	0	0	0	0	0	0	129	233	0	362	590
06:15 AM	0	63	0	63	126	0	0	135	16	151	0	0	0	0	0	0	153	222	0	375	652
06:30 AM	0	70	0	80	150	0	0	196	10	206	0	0	0	0	0	0	226	322	0	548	904
06:45 AM	0	102	0	88	190	0	0	243	19	262	0	0	0	0	0	0	212	303	0	515	967
Total	0	293	5	277	575	0	0	686	52	738	0	0	0	0	0	0	720	1080	0	1800	3113
07:00 AM	0	80	0	93	173	0	0	252	27	279	0	0	0	0	0	0	183	438	0	621	1073
07:15 AM	0	101	0	89	190	0	0	278	18	296	0	0	0	0	0	0	177	494	0	671	1157
07:30 AM	0	82	0	126	208	0	0	340	20	360	0	0	0	0	0	0	159	472	0	631	1199
07:45 AM	0	94	0	121	215	0	0	405	24	429	0	0	0	0	0	0	129	485	0	614	1258
Total	0	357	0	429	786	0	0	1275	89	1364	0	0	0	0	0	0	648	1889	0	2537	4687
08:00 AM	0	82	0	116	198	0	0	372	22	394	0	0	0	0	0	0	156	505	0	661	1253
08:15 AM	0	91	0	109	200	0	0	305	24	329	0	0	0	0	0	0	143	423	0	566	1095
08:30 AM	0	91	0	77	168	0	0	346	29	375	0	0	0	0	0	2	159	397	0	558	1101
08:45 AM	0	80	0	86	166	0	0	333	24	357	0	0	0	0	0	0	145	388	0	533	1056
Total	0	344	0	388	732	0	0	1356	99	1455	0	0	0	0	0	2	603	1713	0	2318	4505
09:00 AM	0	82	0	77	159	0	0	292	26	318	0	0	0	0	0	0	154	322	0	476	953
09:15 AM	0	76	0	68	144	0	0	228	38	266	0	0	0	0	0	0	146	271	0	417	827
*** BREAK ***																					
Total	0	158	0	145	303	0	0	520	64	584	0	0	0	0	0	0	300	593	0	893	1780
*** BREAK ***																					
10:30 AM	0	58	0	48	106	0	0	238	36	274	0	0	0	0	0	0	134	205	0	339	719
10:45 AM	0	57	0	34	91	0	0	267	24	291	0	0	0	0	0	0	127	192	0	319	701
Total	0	115	0	82	197	0	0	505	60	565	0	0	0	0	0	0	261	397	0	658	1420
11:00 AM	0	60	0	23	83	0	0	262	29	291	0	0	0	0	0	0	150	210	0	360	734
11:15 AM	0	65	0	40	105	0	0	300	35	335	0	0	0	0	0	0	153	232	0	385	825
11:30 AM	0	90	0	33	123	0	0	361	32	393	0	0	0	0	0	0	164	209	0	373	889
11:45 AM	0	90	0	38	128	0	0	377	45	422	0	0	0	0	0	0	138	230	0	368	918
Total	0	305	0	134	439	0	0	1300	141	1441	0	0	0	0	0	0	605	881	0	1486	3366
12:00 PM	0	83	0	33	116	0	0	310	38	348	0	0	0	0	0	0	148	288	0	436	900
12:15 PM	0	72	0	32	104	0	0	339	32	371	0	0	0	0	0	0	142	227	0	369	844
12:30 PM	0	59	0	48	107	0	0	342	41	383	0	0	0	0	0	0	151	233	0	384	874
12:45 PM	0	76	0	50	126	0	0	333	38	371	0	0	0	0	0	0	155	261	0	416	913
Total	0	290	0	163	453	0	0	1324	149	1473	0	0	0	0	0	0	596	1009	0	1605	3531
01:00 PM	0	92	0	40	132	0	0	356	31	387	0	0	0	0	0	0	164	242	0	406	925
01:15 PM	0	63	0	40	103	0	0	337	46	383	0	0	0	0	0	0	147	223	0	370	856
*** BREAK ***																					
Total	0	155	0	80	235	0	0	693	77	770	0	0	0	0	0	0	311	465	0	776	1781
*** BREAK ***																					
02:30 PM	0	53	0	26	79	0	0	371	34	405	0	0	0	0	0	0	160	303	0	463	947
02:45 PM	0	46	0	34	80	0	0	405	32	437	0	0	0	0	0	0	183	236	0	419	936
Total	0	99	0	60	159	0	0	776	66	842	0	0	0	0	0	0	343	539	0	882	1883
03:00 PM	0	54	0	30	84	0	0	430	48	478	0	0	0	0	0	0	166	328	0	494	1056
03:15 PM	0	58	0	34	92	0	0	527	48	575	0	0	0	0	0	0	178	265	0	443	1110
03:30 PM	0	45	8	34	87	0	0	474	41	515	0	0	0	0	0	0	195	382	0	577	1179
03:45 PM	0	73	21	47	141	0	0	584	36	620	0	0	0	0	0	0	135	265	0	400	1161
Total	0	230	29	145	404	0	0	2015	173	2188	0	0	0	0	0	0	674	1240	0	1914	4506
04:00 PM	0	60	4	42	106	0	0	625	45	670	0	0	0	0	0	0	125	343	0	468	1244
04:15 PM	10	50	16	32	108	0	0	622	49	671	0	0	0	0	0	0	148	442	0	590	1369
04:30 PM	0	28	0	39	67	0	1	651	45	697	0	0	0	0	0	0	88	411	0	499	1263

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Start Date : 2/1/2018

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Start Time	494 West Ramp From North					TH 55 From East					494 West Ramp From South					TH 55 From West					Int. Total
	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	33	14	19	66	0	21	660	48	729	0	0	0	0	0	0	85	340	0	425	1220
Total	10	171	34	132	347	0	22	2558	187	2767	0	0	0	0	0	0	446	1536	0	1982	5096
05:00 PM	0	43	1	38	82	0	0	657	52	709	0	0	0	0	0	0	119	291	0	410	1201
05:15 PM	0	40	0	55	95	0	0	655	55	710	0	0	0	0	0	0	138	327	0	465	1270
05:30 PM	0	60	15	42	117	0	0	646	63	709	0	0	0	0	0	0	101	355	0	456	1282
05:45 PM	0	77	0	45	122	0	0	618	63	681	0	0	0	0	0	0	110	323	0	433	1236
Total	0	220	16	180	416	0	0	2576	233	2809	0	0	0	0	0	0	468	1296	0	1764	4989
Grand Total	10	2737	84	2215	5046	0	22	15584	1390	16996	0	0	0	0	0	2	5975	12638	0	18615	40657
Apprch %	0.2	54.2	1.7	43.9		0	0.1	91.7	8.2		0	0	0	0	0	0	32.1	67.9	0		
Total %	0	6.7	0.2	5.4	12.4	0	0.1	38.3	3.4	41.8	0	0	0	0	0	0	14.7	31.1	0	45.8	
Class 1	10	2553	82	2147	4792	0	22	14883	1328	16233	0	0	0	0	0	2	5610	11804	0	17416	38441
% Class 1	100	93.3	97.6	96.9	95	0	100	95.5	95.5	95.5	0	0	0	0	0	100	93.9	93.4	0	93.6	94.5
Class 2	0	184	2	68	254	0	0	701	62	763	0	0	0	0	0	0	365	834	0	1199	2216
% Class 2	0	6.7	2.4	3.1	5	0	0	4.5	4.5	4.5	0	0	0	0	0	0	6.1	6.6	0	6.4	5.5

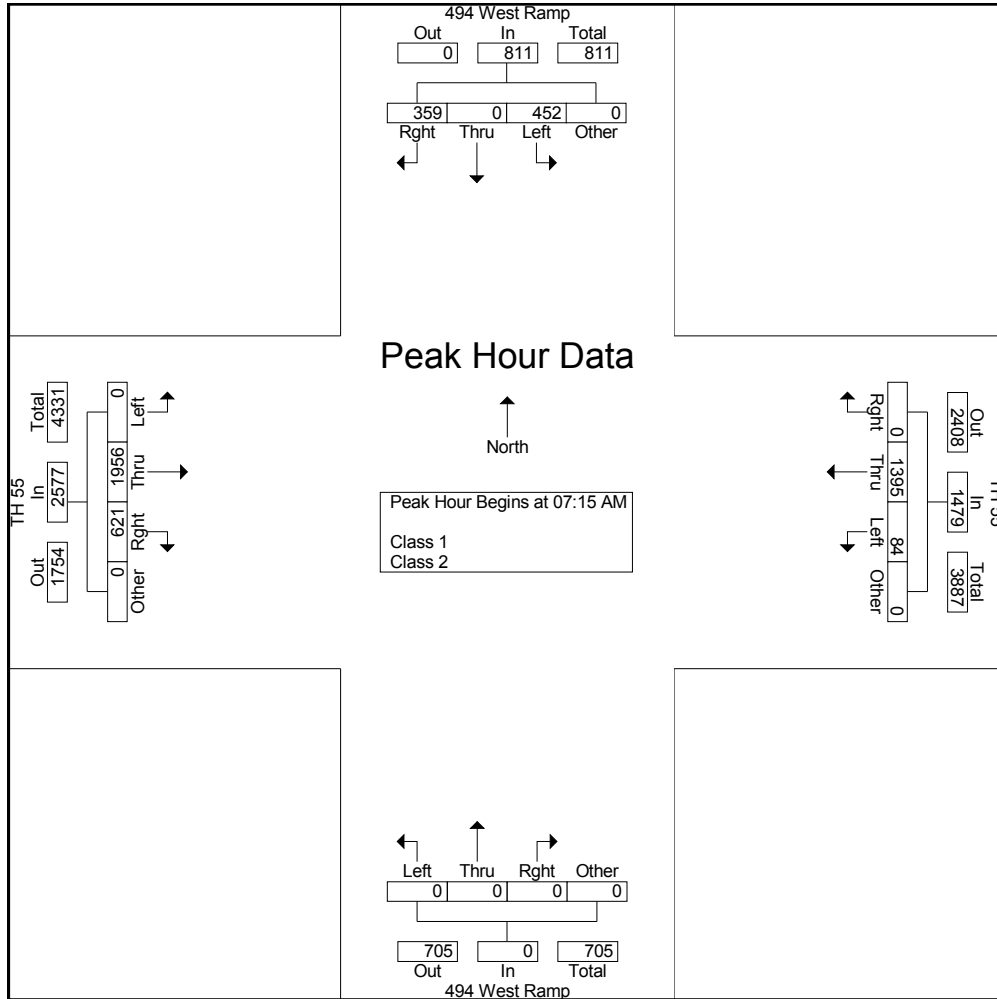
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Start Time	494 West Ramp From North				App. Total	TH 55 From East				App. Total	494 West Ramp From South				App. Total	TH 55 From West				App. Total	Int. Total
	Other	Right	Thru	Left		Other	Right	Thru	Left		Other	Right	Thru	Left		Other	Right	Thru	Left		
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	101	0	89	190	0	0	278	18	296	0	0	0	0	0	0	177	494	0	671	1157
07:30 AM	0	82	0	126	208	0	0	340	20	360	0	0	0	0	0	0	159	472	0	631	1199
07:45 AM	0	94	0	121	215	0	0	405	24	429	0	0	0	0	0	0	129	485	0	614	1258
08:00 AM	0	82	0	116	198	0	0	372	22	394	0	0	0	0	0	0	156	505	0	661	1253
Total Volume	0	359	0	452	811	0	0	1395	84	1479	0	0	0	0	0	0	621	1956	0	2577	4867
% App. Total	0	44.3	0	55.7		0	0	94.3	5.7		0	0	0	0	0	0	24.1	75.9	0		
PHF	.000	.889	.000	.897	.943	.000	.000	.861	.875	.862	.000	.000	.000	.000	.000	.000	.877	.968	.000	.960	.967



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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	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	60	4	42	106	0	0	625	45	670	0	0	0	0	0	0	125	343	0	468	1244
04:15 PM	10	50	16	32	108	0	0	622	49	671	0	0	0	0	0	0	148	442	0	590	1369
04:30 PM	0	28	0	39	67	0	1	651	45	697	0	0	0	0	0	0	88	411	0	499	1263
04:45 PM	0	33	14	19	66	0	21	660	48	729	0	0	0	0	0	0	85	340	0	425	1220
Total Volume	10	171	34	132	347	0	22	2558	187	2767	0	0	0	0	0	0	446	1536	0	1982	5096
% App. Total	2.9	49.3	9.8	38		0	0.8	92.4	6.8		0	0	0	0		0	22.5	77.5	0		
PHF	.250	.713	.531	.786	.803	.000	.262	.969	.954	.949	.000	.000	.000	.000	.000	.000	.753	.869	.000	.840	.931

