

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 55 and 494 East Ramp

Ref.Pt.: 22.258

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 413_TH 55 & 494 E Ramp

Site Code : 413

Start Date : 2/1/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	494 East Ramp From North					TH 55 From East					494 East 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	0	0	0	0	0	12	59	0	71	0	3	3	28	34	0	0	187	8	195	300
06:15 AM	0	0	0	0	0	0	19	79	0	98	0	7	0	54	61	0	0	214	25	239	398
06:30 AM	0	0	0	0	0	0	16	110	0	126	0	22	0	69	91	0	0	310	5	315	532
06:45 AM	0	0	0	0	0	0	13	125	0	138	0	10	1	73	84	0	0	330	15	345	567
Total	0	0	0	0	0	0	60	373	0	433	0	42	4	224	270	0	0	1041	53	1094	1797
07:00 AM	0	0	0	0	0	0	13	138	0	151	0	38	1	52	91	0	0	437	12	449	691
07:15 AM	0	0	0	0	0	0	11	145	0	156	0	31	0	62	93	0	0	512	16	528	777
07:30 AM	0	0	0	0	0	0	10	176	0	186	0	58	0	71	129	0	0	497	15	512	827
07:45 AM	0	0	0	0	0	0	15	202	0	217	0	49	0	84	133	0	0	561	11	572	922
Total	0	0	0	0	0	0	49	661	0	710	0	176	1	269	446	0	0	2007	54	2061	3217
08:00 AM	0	0	0	0	0	0	13	243	0	256	0	62	0	95	157	0	0	566	12	578	991
08:15 AM	0	0	0	0	0	0	21	170	0	191	0	52	0	82	134	0	0	481	20	501	826
08:30 AM	0	0	0	0	0	0	20	197	0	217	0	43	0	55	98	0	0	434	33	467	782
08:45 AM	0	0	0	0	0	0	14	196	0	210	0	42	0	74	116	0	0	460	27	487	813
Total	0	0	0	0	0	0	68	806	0	874	0	199	0	306	505	0	0	1941	92	2033	3412
09:00 AM	0	0	0	0	0	0	17	149	0	166	0	41	0	85	126	0	0	311	39	350	642
09:15 AM	0	0	0	0	0	0	20	159	0	179	0	36	0	49	85	0	0	270	56	326	590
*** BREAK ***																					
Total	0	0	0	0	0	0	37	308	0	345	0	77	0	134	211	0	0	581	95	676	1232
*** BREAK ***																					
10:30 AM	0	0	0	0	0	0	14	151	0	165	0	39	0	88	127	0	0	167	44	211	503
10:45 AM	0	0	0	0	0	0	26	115	0	141	0	27	0	91	118	0	0	184	46	230	489
Total	0	0	0	0	0	0	40	266	0	306	0	66	0	179	245	0	0	351	90	441	992
11:00 AM	0	0	0	0	0	0	17	141	0	158	0	44	0	99	143	0	0	167	48	215	516
11:15 AM	0	0	0	0	0	0	13	155	0	168	0	40	2	107	149	0	0	203	49	252	569
11:30 AM	0	0	0	0	0	0	16	203	0	219	0	46	0	121	167	0	0	209	60	269	655
11:45 AM	0	0	0	0	0	0	28	192	0	220	0	37	0	108	145	0	0	240	59	299	664
Total	0	0	0	0	0	0	74	691	0	765	0	167	2	435	604	0	0	819	216	1035	2404
12:00 PM	0	0	0	0	0	0	28	174	0	202	0	34	0	96	130	0	0	242	72	314	646
12:15 PM	0	0	0	0	0	0	22	172	0	194	0	43	0	133	176	0	0	204	79	283	653
12:30 PM	0	0	0	0	0	0	16	180	0	196	0	44	0	118	162	0	0	248	48	296	654
12:45 PM	0	0	0	0	0	0	16	198	0	214	0	41	0	131	172	0	0	250	66	316	702
Total	0	0	0	0	0	0	82	724	0	806	0	162	0	478	640	0	0	944	265	1209	2655
01:00 PM	0	0	0	0	0	2	25	178	0	205	0	47	0	133	180	0	0	225	59	284	669
01:15 PM	0	0	0	0	0	0	25	168	0	193	0	29	1	133	163	0	0	211	92	303	659
*** BREAK ***																					
Total	0	0	0	0	0	2	50	346	0	398	0	76	1	266	343	0	0	436	151	587	1328
*** BREAK ***																					
02:30 PM	0	0	0	0	0	1	60	213	0	274	1	31	0	141	173	0	0	192	93	285	732
02:45 PM	0	0	0	0	0	0	70	231	0	301	0	33	1	115	149	0	0	182	90	272	722
Total	0	0	0	0	0	1	130	444	0	575	1	64	1	256	322	0	0	374	183	557	1454
03:00 PM	0	0	0	0	0	0	71	313	0	384	0	43	0	151	194	0	0	248	79	327	905
03:15 PM	0	0	0	0	0	0	60	312	0	372	0	43	2	159	204	0	0	226	113	339	915
03:30 PM	0	0	0	0	0	0	88	282	0	370	0	24	0	144	168	0	0	280	105	385	923
03:45 PM	0	0	0	0	0	0	70	356	0	426	0	30	0	175	205	0	0	282	64	346	977
Total	0	0	0	0	0	0	289	1263	0	1552	0	140	2	629	771	0	0	1036	361	1397	3720
04:00 PM	0	0	0	0	0	0	50	438	0	488	0	33	0	191	224	0	0	273	101	374	1086
04:15 PM	0	0	0	0	0	0	37	428	0	465	0	19	75	133	227	0	0	268	113	381	1073
04:30 PM	0	0	0	0	0	0	50	431	0	481	0	32	57	151	240	0	0	296	107	403	1124

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Site Code : 413

Start Date : 2/1/2018

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Start Time	494 East Ramp From North					TH 55 From East					494 East 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	0	0	0	0	0	22	499	0	521	2	20	3	184	209	0	0	314	94	408	1138
Total	0	0	0	0	0	0	159	1796	0	1955	2	104	135	659	900	0	0	1151	415	1566	4421
05:00 PM	0	0	0	0	0	0	49	441	0	490	4	12	39	109	164	0	0	338	110	448	1102
05:15 PM	0	0	0	0	0	0	29	448	0	477	0	11	9	220	240	0	0	347	105	452	1169
05:30 PM	0	0	0	0	0	0	55	349	0	404	0	44	33	187	264	0	0	351	74	425	1093
05:45 PM	0	0	0	0	0	0	24	447	0	471	0	14	2	159	175	0	0	316	87	403	1049
Total	0	0	0	0	0	0	157	1685	0	1842	4	81	83	675	843	0	0	1352	376	1728	4413
Grand Total	0	0	0	0	0	3	1195	9363	0	10561	7	1354	229	4510	6100	0	0	12033	2351	14384	31045
Apprch %	0	0	0	0	0	0	11.3	88.7	0		0.1	22.2	3.8	73.9		0	0	83.7	16.3		
Total %	0	0	0	0	0	0	3.8	30.2	0	34	0	4.4	0.7	14.5	19.6	0	0	38.8	7.6	46.3	
Class 1	0	0	0	0	0	2	1093	8965	0	10060	7	1297	227	4258	5789	0	0	11602	2139	13741	29590
% Class 1	0	0	0	0	0	66.7	91.5	95.7	0	95.3	100	95.8	99.1	94.4	94.9	0	0	96.4	91	95.5	95.3
Class 2	0	0	0	0	0	1	102	398	0	501	0	57	2	252	311	0	0	431	212	643	1455
% Class 2	0	0	0	0	0	33.3	8.5	4.3	0	4.7	0	4.2	0.9	5.6	5.1	0	0	3.6	9	4.5	4.7

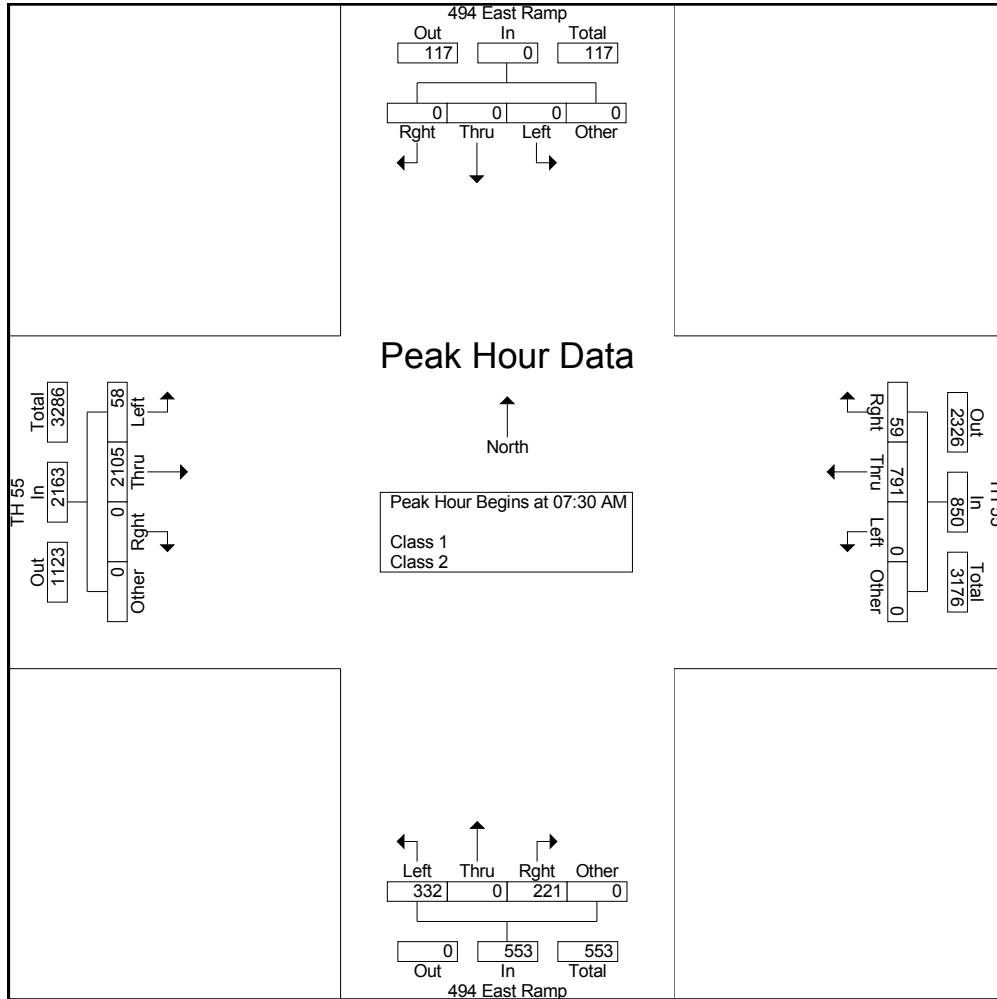
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	0	0	0	10	176	0	186	0	58	0	71	129	0	0	497	15	512	827
07:45 AM	0	0	0	0	0	0	15	202	0	217	0	49	0	84	133	0	0	561	11	572	922
08:00 AM	0	0	0	0	0	0	13	243	0	256	0	62	0	95	157	0	0	566	12	578	991
08:15 AM	0	0	0	0	0	0	21	170	0	191	0	52	0	82	134	0	0	481	20	501	826
Total Volume	0	0	0	0	0	0	59	791	0	850	0	221	0	332	553	0	0	2105	58	2163	3566
% App. Total	0	0	0	0	0	0	6.9	93.1	0	0	0	40	0	60	0	0	0	97.3	2.7	0	0
PHF	.000	.000	.000	.000	.000	.000	.702	.814	.000	.830	.000	.891	.000	.874	.881	.000	.000	.930	.725	.936	.900



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Start Time	494 East Ramp From North					TH 55 From East					494 East Ramp From South					TH 55 From West					Int. Total
	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 04:30 PM																					
04:30 PM	0	0	0	0	0	0	50	431	0	481	0	32	57	151	240	0	0	296	107	403	1124
04:45 PM	0	0	0	0	0	0	22	499	0	521	2	20	3	184	209	0	0	314	94	408	1138
05:00 PM	0	0	0	0	0	0	49	441	0	490	4	12	39	109	164	0	0	338	110	448	1102
05:15 PM	0	0	0	0	0	0	29	448	0	477	0	11	9	220	240	0	0	347	105	452	1169
Total Volume	0	0	0	0	0	0	150	1819	0	1969	6	75	108	664	853	0	0	1295	416	1711	4533
% App. Total	0	0	0	0	0	0	7.6	92.4	0		0.7	8.8	12.7	77.8		0	0	75.7	24.3		
PHF	.000	.000	.000	.000	.000	.000	.750	.911	.000	.945	.375	.586	.474	.755	.889	.000	.000	.933	.945	.946	.969

