

# Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at I-494, West Ramps  
Ref.Pt.: 180.435  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 47\_TH 55 at I-494 W Ramp\_012511  
Site Code : 00000047  
Start Date : 1/25/2011  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	ramp from SB I-494 Southbound				TH-55 Westbound				ramp to SB I-494 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
06:00	40	0	24	0	11	90	1	0	0	0	0	0	0	146	122	0	434
06:15	66	0	41	0	6	143	1	0	0	0	0	0	0	196	189	0	642
06:30	71	0	27	0	26	187	0	0	0	0	0	0	0	288	242	0	841
06:45	61	1	14	0	21	318	0	0	0	0	0	0	2	348	217	1	983
Total	238	1	106	0	64	738	2	0	0	0	0	0	2	978	770	1	2900
07:00	83	0	8	0	39	285	0	0	0	0	0	0	0	406	280	4	1105
07:15	63	0	5	0	49	247	0	0	0	0	0	0	0	415	231	5	1015
07:30	66	0	8	0	51	276	0	0	0	0	0	0	0	406	224	0	1031
07:45	59	0	13	0	58	325	0	0	0	0	1	0	0	604	250	0	1310
Total	271	0	34	0	197	1133	0	0	0	0	1	0	0	1831	985	9	4461
08:00	58	0	14	0	45	273	0	0	0	0	0	0	0	471	268	0	1129
08:15	72	0	27	0	40	304	0	0	0	0	0	0	0	380	228	0	1051
08:30	67	0	30	0	52	311	0	0	0	0	0	0	0	359	189	0	1008
08:45	64	0	35	0	35	274	0	0	0	0	0	0	0	297	179	0	884
Total	261	0	106	0	172	1162	0	0	0	0	0	0	0	1507	864	0	4072
09:00	59	0	19	0	41	227	0	0	0	0	0	0	0	268	151	0	765
09:15	37	0	33	0	26	262	0	0	0	0	0	0	0	223	151	0	732
*** BREAK ***																	
Total	96	0	52	0	67	489	0	0	0	0	0	0	0	491	302	0	1497
*** BREAK ***																	
10:30	29	0	19	0	24	247	0	0	0	0	0	0	0	193	113	1	626
10:45	29	0	24	0	38	261	0	0	0	0	0	0	0	192	138	0	682
Total	58	0	43	0	62	508	0	0	0	0	0	0	0	385	251	1	1308
11:00	35	0	24	0	32	242	0	0	0	0	0	0	0	234	142	0	709
11:15	37	0	25	0	45	302	0	0	0	0	0	0	0	238	160	0	807
11:30	32	1	31	0	46	364	0	0	0	0	0	0	0	271	165	0	910
11:45	44	0	36	0	48	377	0	0	0	0	0	0	0	207	156	0	868
Total	148	1	116	0	171	1285	0	0	0	0	0	0	0	950	623	0	3294
12:00	32	0	26	0	39	337	0	0	0	0	0	0	0	267	124	0	825
12:15	33	0	29	0	39	367	0	0	0	0	0	0	0	260	132	0	860
12:30	46	0	26	0	42	301	0	0	0	0	0	0	0	279	138	0	832
12:45	49	0	33	0	44	345	0	0	0	0	0	0	0	231	152	0	854
Total	160	0	114	0	164	1350	0	0	0	0	0	0	0	1037	546	0	3371
13:00	40	0	29	0	51	297	0	0	0	0	0	0	0	273	134	0	824
13:15	32	0	44	0	44	317	0	0	0	0	0	0	0	267	154	0	858
*** BREAK ***																	
Total	72	0	73	0	95	614	0	0	0	0	0	0	0	540	288	0	1682
*** BREAK ***																	
14:30	47	0	29	0	46	349	0	0	0	0	0	0	0	307	142	1	921
14:45	47	0	37	0	55	385	0	0	0	0	0	0	12	284	151	0	971
Total	94	0	66	0	101	734	0	0	0	0	0	0	12	591	293	1	1892
15:00	60	0	31	0	61	393	0	0	0	0	0	0	0	296	164	0	1005
15:15	33	0	29	0	50	509	0	0	0	0	0	0	0	210	152	3	986
15:30	31	0	17	0	49	433	0	0	0	0	0	0	0	395	174	0	1099
15:45	36	0	16	0	43	616	0	0	0	0	0	0	0	259	142	0	1112
Total	160	0	93	0	203	1951	0	0	0	0	0	0	0	1160	632	3	4202

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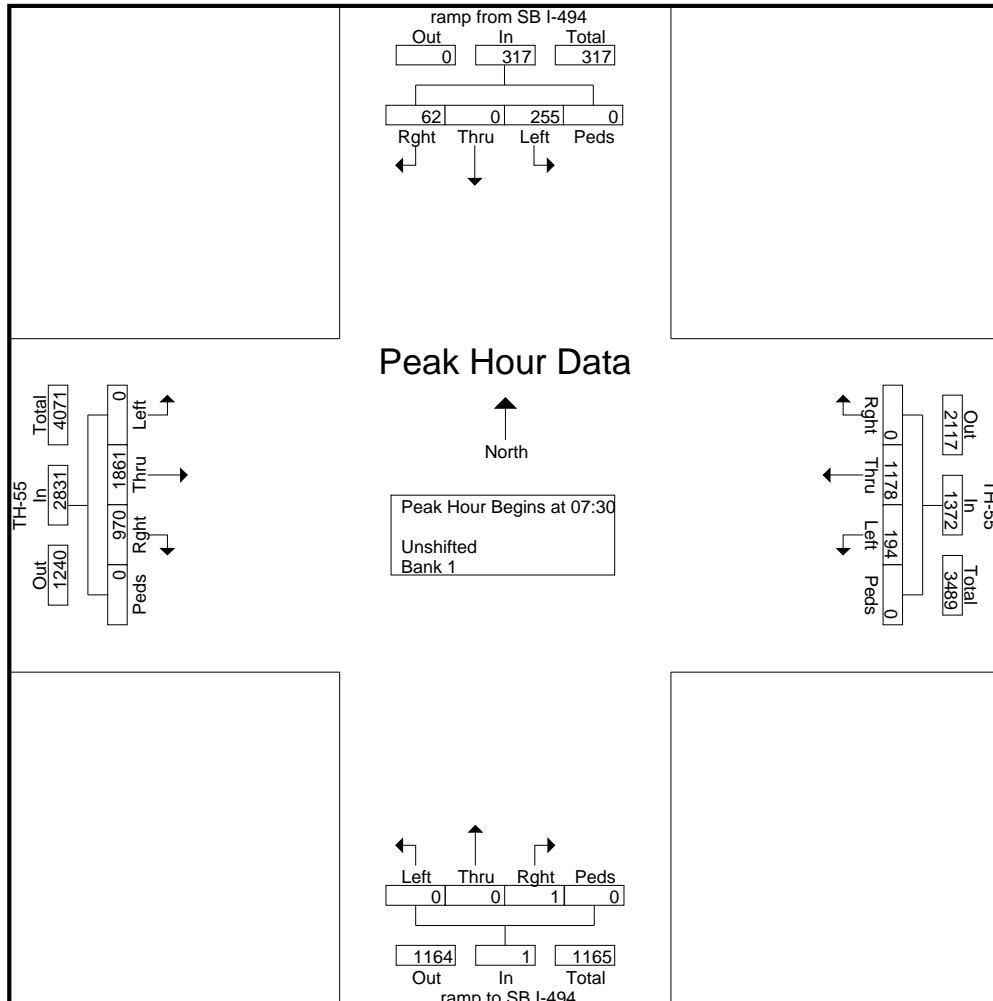
Start Time	ramp from SB I-494 Southbound				TH-55 Westbound				ramp to SB I-494 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
16:00	21	0	16	0	76	518	0	0	0	0	0	0	0	366	175	0	1172
16:15	27	0	12	0	66	643	0	0	0	0	0	0	0	315	173	0	1236
16:30	25	0	7	0	91	545	0	0	0	0	0	0	0	385	193	0	1246
16:45	23	0	10	0	96	589	0	0	0	0	0	0	0	280	193	0	1191
Total	96	0	45	0	329	2295	0	0	0	0	0	0	0	1346	734	0	4845
17:00	38	0	7	0	92	538	17	0	0	0	0	0	0	315	226	23	1256
17:15	33	0	14	0	105	656	1	0	0	0	0	0	0	277	201	12	1299
17:30	24	0	8	0	59	601	0	0	0	0	0	0	0	285	188	0	1165
17:45	39	0	11	0	46	457	0	0	0	0	0	0	0	227	117	0	897
Total	134	0	40	0	302	2252	18	0	0	0	0	0	0	1104	732	35	4617
Grand Total	1788	2	888	0	1927	14511	20	0	0	0	1	0	14	11920	7020	50	38141
Apprch %	66.8	0.1	33.2	0	11.7	88.2	0.1	0	0	0	100	0	0.1	62.7	36.9	0.3	
Total %	4.7	0	2.3	0	5.1	38	0.1	0	0	0	0	0	0	31.3	18.4	0.1	
Unshifted	1750	2	849	0	1906	14182	20	0	0	0	1	0	14	11566	6857	50	37197
% Unshifted	97.9	100	95.6	0	98.9	97.7	100	0	0	0	100	0	100	97	97.7	100	97.5
Bank 1	38	0	39	0	21	329	0	0	0	0	0	0	0	354	163	0	944
% Bank 1	2.1	0	4.4	0	1.1	2.3	0	0	0	0	0	0	0	3	2.3	0	2.5

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Start Time	ramp from SB I-494 Southbound					TH-55 Westbound					ramp to SB I-494 Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	66	0	8	0	74	51	276	0	0	327	0	0	0	0	0	0	406	224	0	630	1031
07:45	59	0	13	0	72	<b>58</b>	<b>325</b>	0	0	<b>383</b>	0	0	1	0	1	0	<b>604</b>	250	0	<b>854</b>	<b>1310</b>
08:00	58	0	14	0	72	45	273	0	0	318	0	0	0	0	0	0	471	<b>268</b>	0	739	1129
08:15	<b>72</b>	0	<b>27</b>	0	<b>99</b>	40	304	0	0	344	0	0	0	0	0	0	380	228	0	608	1051
Total Volume	255	0	62	0	317	194	1178	0	0	1372	0	0	1	0	1	0	1861	970	0	2831	4521
% App. Total	80.4	0	19.6	0		14.1	85.9	0	0		0	0	100	0		0	65.7	34.3	0		
PHF	.885	.000	.574	.000	.801	.836	.906	.000	.000	.896	.000	.000	.250	.000	.250	.000	.770	.905	.000	.829	.863



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Start Time	ramp from SB I-494 Southbound					TH-55 Westbound					ramp to SB I-494 Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	25	0	7	0	32	91	545	0	0	636	0	0	0	0	0	0	385	193	0	578	1246
16:45	23	0	10	0	33	96	589	0	0	685	0	0	0	0	0	0	280	193	0	473	1191
17:00	38	0	7	0	45	92	538	17	0	647	0	0	0	0	0	0	315	226	23	564	1256
17:15	33	0	14	0	47	105	656	1	0	762	0	0	0	0	0	0	277	201	12	490	1299
Total Volume	119	0	38	0	157	384	2328	18	0	2730	0	0	0	0	0	0	1257	813	35	2105	4992
% App. Total	75.8	0	24.2	0		14.1	85.3	0.7	0		0	0	0	0		0	59.7	38.6	1.7		
PHF	.783	.000	.679	.000	.835	.914	.887	.265	.000	.896	.000	.000	.000	.000	.000	.000	.816	.899	.380	.910	.961

