

# Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at I-494, East Ramps  
Ref.Pt.: 180.592  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 48\_TH 55 at I-494 E Ramp\_021011  
Site Code : 00000048  
Start Date : 2/10/2011  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	ramp to NB I-494 Southbound				TH-55 Westbound				ramp from NB I-494 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	1	0	0	0	51	5	0	53	0	20	0	27	159	0	0	316
06:15	0	0	0	0	0	53	8	0	68	0	29	0	29	175	0	0	362
06:30	0	0	0	0	0	95	15	0	110	0	31	0	48	302	0	0	601
06:45	0	0	0	0	0	112	10	0	130	0	46	0	29	360	0	0	687
Total	0	1	0	0	0	311	38	0	361	0	126	0	133	996	0	0	1966
07:00	0	0	0	0	0	170	13	0	123	0	47	0	44	477	0	0	874
07:15	0	0	1	0	0	125	10	0	115	0	68	0	39	475	0	0	833
07:30	0	0	0	0	0	191	13	0	167	0	70	0	38	509	0	0	988
07:45	0	0	0	0	0	203	11	0	160	0	60	0	34	454	0	0	922
Total	0	0	1	0	0	689	47	0	565	0	245	0	155	1915	0	0	3617
08:00	0	0	0	0	0	216	19	0	163	1	63	0	36	458	0	0	956
08:15	0	0	0	0	1	174	19	0	132	2	49	0	42	435	0	0	854
08:30	0	0	0	0	0	174	18	0	146	0	67	0	44	373	0	0	822
08:45	0	0	0	0	0	210	7	0	127	0	78	0	36	386	0	0	844
Total	0	0	0	0	1	774	63	0	568	3	257	0	158	1652	0	0	3476
09:00	0	0	0	0	0	163	19	0	97	0	51	0	29	259	0	0	618
09:15	0	0	0	0	0	145	24	0	126	0	40	0	38	222	0	0	595
*** BREAK ***																	
Total	0	0	0	0	0	308	43	0	223	0	91	0	67	481	0	0	1213
*** BREAK ***																	
10:30	0	0	0	0	1	153	27	0	143	0	42	0	37	172	0	0	575
10:45	0	0	0	0	0	157	14	0	138	0	37	0	38	172	0	0	556
Total	0	0	0	0	1	310	41	0	281	0	79	0	75	344	0	0	1131
11:00	0	0	0	0	0	156	25	0	116	0	27	0	66	152	1	0	543
11:15	0	0	0	0	0	214	31	0	151	0	46	0	63	198	0	0	703
11:30	0	0	0	0	0	248	29	0	114	0	36	0	55	226	0	0	708
11:45	0	0	0	0	0	215	34	0	162	0	53	0	67	205	0	0	736
Total	0	0	0	0	0	833	119	0	543	0	162	0	251	781	1	0	2690
12:00	0	0	0	0	0	251	29	0	142	1	54	0	64	168	0	0	709
12:15	0	0	0	0	0	222	27	0	153	1	30	0	64	224	1	0	722
12:30	0	0	0	0	3	202	28	0	153	0	41	0	63	215	3	0	708
12:45	0	0	0	0	0	207	17	0	172	1	49	0	52	218	0	0	716
Total	0	0	0	0	3	882	101	0	620	3	174	0	243	825	4	0	2855
13:00	0	0	0	0	0	200	32	0	132	0	39	0	69	217	0	0	689
13:15	0	0	0	0	2	184	27	0	137	0	42	0	74	200	0	0	666
*** BREAK ***																	
Total	0	0	0	0	2	384	59	0	269	0	81	0	143	417	0	0	1355
*** BREAK ***																	
14:30	0	0	0	0	0	206	50	0	148	1	39	0	110	221	6	0	781
14:45	0	0	0	0	1	262	46	0	181	1	38	0	59	250	1	0	839
Total	0	0	0	0	1	468	96	0	329	2	77	0	169	471	7	0	1620
15:00	0	0	0	0	0	235	53	0	224	0	32	0	114	240	0	0	898
15:15	0	0	0	0	0	280	49	0	198	0	37	0	110	183	0	0	857
15:30	0	0	1	0	0	364	60	0	227	2	33	0	126	234	0	0	1047
15:45	0	0	0	0	0	330	31	0	251	2	38	0	103	198	0	0	953
Total	0	0	1	0	0	1209	193	0	900	4	140	0	453	855	0	0	3755

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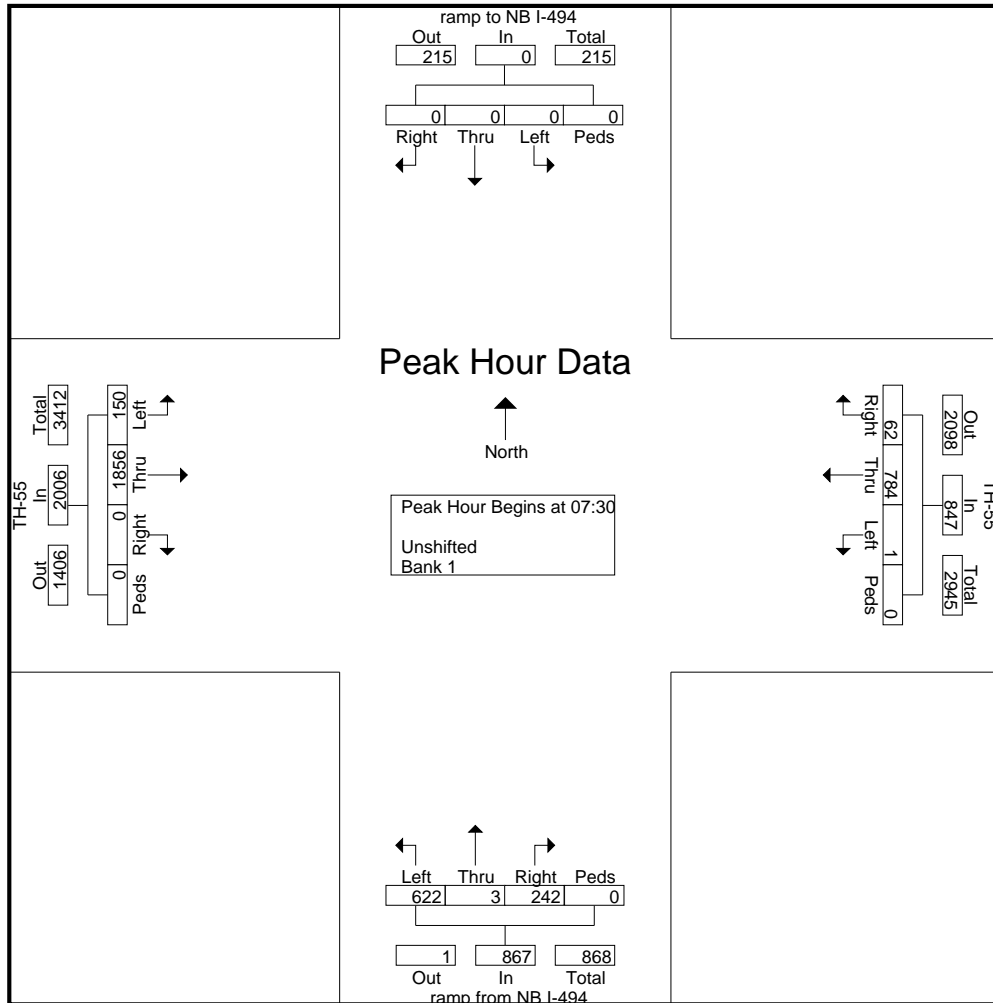
Start Time	ramp to NB I-494 Southbound				TH-55 Westbound				ramp from NB I-494 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	0	0	0	0	0	386	38	0	210	0	49	0	100	218	2	0	1003
16:15	0	0	0	0	0	458	50	0	232	0	54	0	90	257	0	0	1141
16:30	0	0	0	0	0	382	43	0	221	0	39	0	96	257	0	0	1038
16:45	0	0	0	0	0	471	28	0	272	0	53	0	71	244	0	0	1139
Total	0	0	0	0	0	1697	159	0	935	0	195	0	357	976	2	0	4321
17:00	0	0	0	0	0	510	29	0	263	0	53	0	117	297	1	0	1270
17:15	0	0	0	0	3	568	23	0	267	0	40	0	118	315	1	0	1335
17:30	0	0	0	0	0	402	23	0	239	0	46	0	68	270	0	0	1048
17:45	0	0	0	0	0	415	28	0	280	0	40	1	73	233	0	0	1070
Total	0	0	0	0	3	1895	103	0	1049	0	179	1	376	1115	2	0	4723
Grand Total	0	1	2	0	11	9760	1062	0	6643	12	1806	1	2580	10828	16	0	32722
Apprch %	0	33.3	66.7	0	0.1	90.1	9.8	0	78.5	0.1	21.3	0	19.2	80.7	0.1	0	
Total %	0	0	0	0	0	29.8	3.2	0	20.3	0	5.5	0	7.9	33.1	0	0	
Unshifted	0	1	2	0	10	9563	1029	0	6510	12	1775	1	2478	10567	16	0	31964
% Unshifted	0	100	100	0	90.9	98	96.9	0	98	100	98.3	100	96	97.6	100	0	97.7
Bank 1	0	0	0	0	1	197	33	0	133	0	31	0	102	261	0	0	758
% Bank 1	0	0	0	0	9.1	2	3.1	0	2	0	1.7	0	4	2.4	0	0	2.3

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Start Time	ramp to NB I-494 Southbound					TH-55 Westbound					ramp from NB I-494 Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	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	0	0	0	0	0	0	191	13	0	204	167	0	70	0	237	38	509	0	0	547	988
07:45	0	0	0	0	0	0	203	11	0	214	160	0	60	0	220	34	454	0	0	488	922
08:00	0	0	0	0	0	0	216	19	0	235	163	1	63	0	227	36	458	0	0	494	956
08:15	0	0	0	0	0	1	174	19	0	194	132	2	49	0	183	42	435	0	0	477	854
Total Volume	0	0	0	0	0	1	784	62	0	847	622	3	242	0	867	150	1856	0	0	2006	3720
% App. Total	0	0	0	0	0	0.1	92.6	7.3	0		71.7	0.3	27.9	0		7.5	92.5	0	0		
PHF	.000	.000	.000	.000	.000	.250	.907	.816	.000	.901	.931	.375	.864	.000	.915	.893	.912	.000	.000	.917	.941



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Start Time	ramp to NB I-494 Southbound					TH-55 Westbound					ramp from NB I-494 Northbound					TH-55 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	0	0	0	0	0	0	471	28	0	499	272	0	53	0	325	71	244	0	0	315	1139
17:00	0	0	0	0	0	0	510	29	0	539	263	0	53	0	316	117	297	1	0	415	1270
17:15	0	0	0	0	0	3	568	23	0	594	267	0	40	0	307	118	315	1	0	434	1335
17:30	0	0	0	0	0	0	402	23	0	425	239	0	46	0	285	68	270	0	0	338	1048
Total Volume	0	0	0	0	0	3	1951	103	0	2057	1041	0	192	0	1233	374	1126	2	0	1502	4792
% App. Total	0	0	0	0	0	0.1	94.8	5	0		84.4	0	15.6	0		24.9	75	0.1	0		
PHF	.000	.000	.000	.000	.000	.250	.859	.888	.000	.866	.957	.000	.906	.000	.948	.792	.894	.500	.000	.865	.897

