

Alliant Engineering Inc Minneapolis, MN 55415

TH-169 at I-494 , south ramps
Ref.Pt.: 003.979
Alliant Engineering Inc.
TURN MOVEMENT COUNT

File Name : 30_TH 169 at I494 S RAMP_030310
Site Code : 00000030
Start Date : 3/3/2010
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH-169 Southbound				ramp to EB I-494 / Marth Rd Westbound				Townline Ave (TH-169) Northbound				ramp from EB I-494 / W 78th St. Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	150	59	0	0	0	0	0	0	354	214	0	4	2	65	0	848
06:15	1	223	73	0	0	0	0	0	0	469	251	0	5	7	71	0	1100
06:30	0	255	88	0	0	0	0	0	0	583	280	0	10	10	95	0	1321
06:45	1	290	108	0	0	0	0	0	0	576	248	0	6	26	84	0	1339
Total	2	918	328	0	0	0	0	0	0	1982	993	0	25	45	315	0	4608
07:00	3	243	108	0	0	0	0	0	0	683	252	0	11	5	105	0	1410
07:15	0	282	115	0	0	0	0	0	0	674	228	0	17	19	111	0	1446
07:30	2	330	134	0	0	0	0	0	0	687	194	0	23	51	134	3	1558
07:45	1	320	125	0	0	0	0	0	0	659	154	0	22	77	154	0	1512
Total	6	1175	482	0	0	0	0	0	0	2703	828	0	73	152	504	3	5926
08:00	7	221	63	0	0	0	0	0	0	609	161	0	22	76	153	0	1312
08:15	1	270	121	0	0	0	0	0	0	564	236	0	20	48	94	0	1354
08:30	7	288	113	0	0	0	0	0	0	520	229	0	22	47	119	0	1345
08:45	5	304	92	0	0	0	0	0	0	559	238	0	13	23	129	0	1363
Total	20	1083	389	0	0	0	0	0	0	2252	864	0	77	194	495	0	5374
09:00	2	229	120	0	0	0	0	0	0	479	245	0	7	10	87	0	1179
09:15	3	258	154	0	0	0	0	0	0	364	208	0	12	5	65	0	1069
*** BREAK ***																	
Total	5	487	274	0	0	0	0	0	0	843	453	0	19	15	152	0	2248
*** BREAK ***																	
10:30	4	297	91	0	0	0	0	0	0	288	176	0	23	10	64	0	953
10:45	2	332	137	0	0	0	0	0	0	280	181	0	19	10	52	0	1013
Total	6	629	228	0	0	0	0	0	0	568	357	0	42	20	116	0	1966
11:00	2	311	131	0	0	0	0	0	0	283	154	0	28	5	76	0	990
11:15	2	334	150	0	0	0	0	0	0	300	174	0	20	12	74	0	1066
11:30	1	274	145	0	0	0	0	0	0	279	160	0	22	6	66	0	953
11:45	1	360	130	0	0	0	0	0	0	338	183	0	33	12	54	0	1111
Total	6	1279	556	0	0	0	0	0	0	1200	671	0	103	35	270	0	4120
12:00	0	393	119	0	0	0	0	0	0	259	167	0	20	12	68	0	1038
12:15	0	368	113	0	0	0	0	0	0	301	140	0	25	16	93	0	1056
12:30	0	351	159	0	0	0	0	0	0	301	189	0	21	23	80	0	1124
12:45	0	328	113	0	0	0	0	0	0	308	162	0	32	22	86	0	1051
Total	0	1440	504	0	0	0	0	0	0	1169	658	0	98	73	327	0	4269
13:00	0	422	129	0	0	0	0	0	0	287	159	0	23	18	52	0	1090
13:15	3	411	131	0	0	0	0	0	0	298	176	0	19	17	69	0	1124
*** BREAK ***																	
Total	3	833	260	0	0	0	0	0	0	585	335	0	42	35	121	0	2214
*** BREAK ***																	
14:30	2	505	151	1	0	0	0	0	0	391	186	0	19	22	78	0	1355
14:45	7	480	112	0	0	0	0	0	0	367	182	0	17	16	115	0	1296
Total	9	985	263	1	0	0	0	0	0	758	368	0	36	38	193	0	2651
15:00	3	529	172	0	0	0	0	0	0	349	155	0	29	9	127	0	1373
15:15	4	659	151	0	0	0	0	0	0	367	142	1	17	8	148	0	1497
15:30	0	493	123	0	0	0	0	0	0	391	163	0	26	15	220	0	1431

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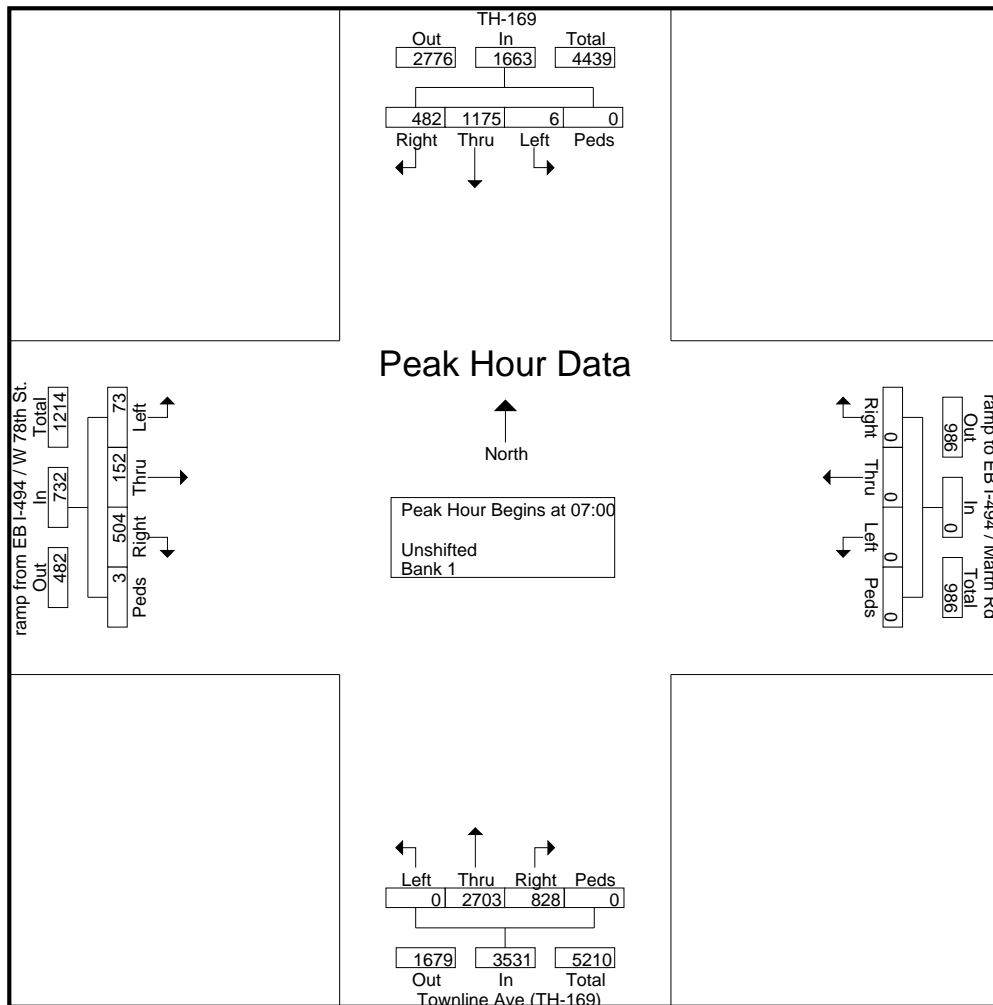
Start Time	TH-169 Southbound				ramp to EB I-494 / Marth Rd Westbound				Townline Ave (TH-169) Northbound				ramp from EB I-494 / W 78th St. Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
15:45	7	450	72	0	0	0	0	0	0	423	146	0	16	19	268	0	1401
Total	14	2131	518	0	0	0	0	0	0	1530	606	1	88	51	763	0	5702
16:00	0	419	40	0	0	0	0	0	0	404	133	0	19	25	228	0	1268
16:15	0	415	54	0	0	0	0	0	0	426	140	0	36	7	260	0	1338
16:30	3	479	70	0	0	0	0	0	0	413	127	0	26	15	196	0	1329
16:45	2	462	41	0	0	0	0	0	0	474	127	0	28	16	224	0	1374
Total	5	1775	205	0	0	0	0	0	0	1717	527	0	109	63	908	0	5309
17:00	0	445	42	0	0	0	0	0	0	374	122	0	16	15	220	0	1234
17:15	1	453	65	0	0	0	0	0	0	398	139	0	21	25	226	0	1328
17:30	0	387	46	0	0	0	0	0	0	390	117	0	26	12	237	0	1215
17:45	1	454	71	0	0	0	0	0	0	332	104	1	13	20	179	0	1175
Total	2	1739	224	0	0	0	0	0	0	1494	482	1	76	72	862	0	4952
Grand Total	78	14474	4231	1	0	0	0	0	0	16801	7142	2	788	793	5026	3	49339
Apprch %	0.4	77.1	22.5	0	0	0	0	0	0	70.2	29.8	0	11.9	12	76	0	
Total %	0.2	29.3	8.6	0	0	0	0	0	0	34.1	14.5	0	1.6	1.6	10.2	0	
Unshifted	77	14077	4109	1	0	0	0	0	0	16749	7124	2	763	785	4835	3	48525
% Unshifted	98.7	97.3	97.1	100	0	0	0	0	0	99.7	99.7	100	96.8	99	96.2	100	98.4
Bank 1	1	397	122	0	0	0	0	0	0	52	18	0	25	8	191	0	814
% Bank 1	1.3	2.7	2.9	0	0	0	0	0	0	0.3	0.3	0	3.2	1	3.8	0	1.6

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	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 07:00																					
07:00	3	243	108	0	354	0	0	0	0	0	0	683	252	0	935	11	5	105	0	121	1410
07:15	0	282	115	0	397	0	0	0	0	0	0	674	228	0	902	17	19	111	0	147	1446
07:30	2	330	134	0	466	0	0	0	0	0	0	687	194	0	881	23	51	134	3	211	1558
07:45	1	320	125	0	446	0	0	0	0	0	0	659	154	0	813	22	77	154	0	253	1512
Total Volume	6	1175	482	0	1663	0	0	0	0	0	0	2703	828	0	3531	73	152	504	3	732	5926
% App. Total	0.4	70.7	29	0		0	0	0	0		0	76.6	23.4	0		10	20.8	68.9	0.4		
PHF	.500	.890	.899	.000	.892	.000	.000	.000	.000	.000	.000	.984	.821	.000	.944	.793	.494	.818	.250	.723	.951



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Start Time	TH-169 Southbound					ramp to EB I-494 / Marth Rd Westbound					Townline Ave (TH-169) Northbound					ramp from EB I-494 / W 78th St. 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 15:00 to 17:45 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 15:00

15:00	3	529	172	0	704	0	0	0	0	0	0	349	155	0	504	29	9	127	0	165	1373
15:15	4	659	151	0	814	0	0	0	0	0	0	367	142	1	510	17	8	148	0	173	1497
15:30	0	493	123	0	616	0	0	0	0	0	0	391	163	0	554	26	15	220	0	261	1431
15:45	7	450	72	0	529	0	0	0	0	0	0	423	146	0	569	16	19	268	0	303	1401
Total Volume	14	2131	518	0	2663	0	0	0	0	0	0	1530	606	1	2137	88	51	763	0	902	5702
% App. Total	0.5	80	19.5	0		0	0	0	0		0	71.6	28.4	0		9.8	5.7	84.6	0		
PHF	.500	.808	.753	.000	.818	.000	.000	.000	.000	.000	.000	.904	.929	.250	.939	.759	.671	.712	.000	.744	.952

