

Alliant Engineering Inc Minneapolis, MN 55415

TH-169 at I-494, north ramps
 Ref.Pt.: 004.268
 Alliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : 29_TH 169 at I494 N RAMP_030310
 Site Code : 00000029
 Start Date : 3/3/2010
 Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH-169 Southbound				ramp from WB I-494 Westbound				TH-169 Northbound				ramp to WB 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	1	142	9	0	1	19	95	0	12	217	14	0	0	0	0	0	510
06:15	0	204	22	0	9	31	139	0	23	295	0	0	0	0	0	0	723
06:30	0	273	12	0	2	36	107	0	16	247	0	0	0	0	0	0	693
06:45	0	309	19	0	8	50	122	0	32	250	0	0	0	0	0	0	790
Total	1	928	62	0	20	136	463	0	83	1009	14	0	0	0	0	0	2716
07:00	0	253	13	0	3	44	116	0	22	372	0	0	0	0	0	0	823
07:15	0	328	47	0	8	56	140	3	38	326	0	0	0	0	0	0	946
07:30	0	351	23	0	2	46	141	0	25	412	0	0	0	0	0	0	1000
07:45	0	359	50	0	8	60	187	1	34	455	8	0	0	0	0	0	1162
Total	0	1291	133	0	21	206	584	4	119	1565	8	0	0	0	0	0	3931
08:00	1	269	40	2	8	56	111	0	41	323	1	0	0	0	0	0	852
08:15	0	328	43	0	5	56	108	0	46	310	0	0	0	0	0	0	896
08:30	9	317	16	0	11	60	128	0	39	331	0	0	0	0	0	0	911
08:45	0	298	49	1	15	46	107	3	16	241	0	0	0	0	0	0	776
Total	10	1212	148	3	39	218	454	3	142	1205	1	0	0	0	0	0	3435
09:00	0	295	19	0	3	31	64	0	26	259	0	0	0	0	0	0	697
09:15	0	436	51	4	8	24	74	0	21	274	0	0	0	0	0	0	892
*** BREAK ***																	
Total	0	731	70	4	11	55	138	0	47	533	0	0	0	0	0	0	1589
*** BREAK ***																	
10:30	0	217	8	1	13	22	62	0	6	166	0	0	0	83	3	0	581
10:45	0	360	14	0	12	25	43	0	10	176	0	0	0	0	0	0	640
Total	0	577	22	1	25	47	105	0	16	342	0	0	0	83	3	0	1221
11:00	0	347	24	0	11	27	73	1	5	176	0	0	0	0	0	0	664
11:15	2	417	18	0	13	32	55	0	6	167	1	0	0	0	0	0	711
11:30	0	405	24	0	12	48	67	0	11	152	0	0	0	0	0	0	719
11:45	0	401	25	0	12	39	51	0	7	192	0	0	0	0	0	0	727
Total	2	1570	91	0	48	146	246	1	29	687	1	0	0	0	0	0	2821
12:00	1	402	19	0	13	28	70	0	8	212	0	0	0	0	0	0	753
12:15	0	350	28	0	19	28	62	0	12	192	0	0	0	0	0	0	691
12:30	9	386	11	0	15	40	72	0	9	205	0	0	0	0	0	0	747
12:45	1	337	17	0	11	30	47	0	14	215	0	0	0	0	0	0	672
Total	11	1475	75	0	58	126	251	0	43	824	0	0	0	0	0	0	2863
13:00	0	343	18	0	9	32	81	0	9	200	0	0	0	1	0	0	693
13:15	0	411	7	0	7	36	71	2	10	216	0	0	0	0	0	0	760
*** BREAK ***																	
Total	0	754	25	0	16	68	152	2	19	416	0	0	0	1	0	0	1453
*** BREAK ***																	
14:30	0	464	10	0	6	15	64	0	4	196	1	0	0	0	0	0	760
14:45	0	425	12	0	10	30	60	1	4	194	0	0	0	0	0	0	736
Total	0	889	22	0	16	45	124	1	8	390	1	0	0	0	0	0	1496
15:00	0	517	18	0	31	30	68	0	6	207	0	0	0	0	0	0	877
15:15	7	466	50	0	23	30	81	0	11	223	0	0	0	0	0	0	891
15:30	5	526	5	0	23	24	75	0	9	253	0	0	0	0	0	0	920

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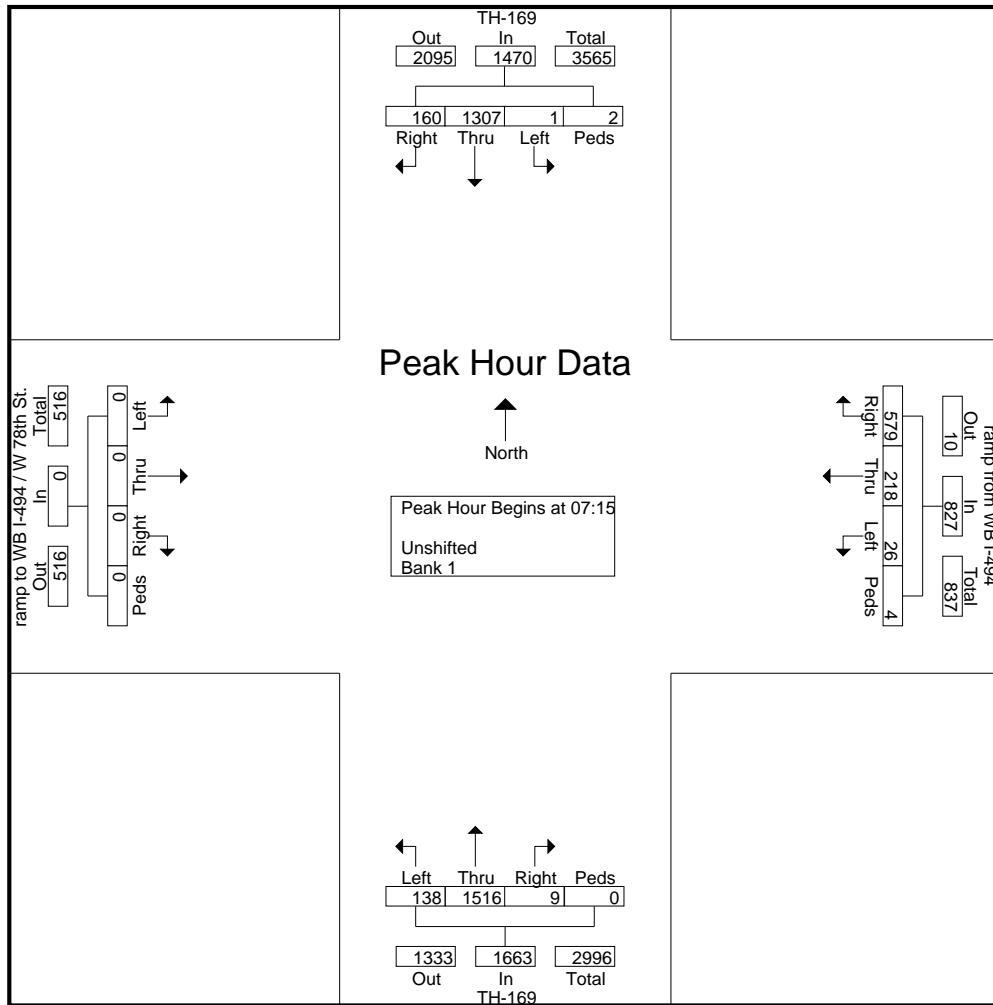
Start Time	TH-169 Southbound				ramp from WB I-494 Westbound				TH-169 Northbound				ramp to WB I-494 / W 78th St. Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
15:45	0	497	7	0	41	26	32	0	6	199	0	0	0	0	0	0	0	808
Total	12	2006	80	0	118	110	256	0	32	882	0	0	0	0	0	0	0	3496
16:00	0	477	4	0	44	27	30	1	16	199	1	0	0	0	0	0	0	799
16:15	1	387	2	0	57	24	39	0	11	183	1	0	0	0	0	0	0	705
16:30	0	407	0	0	57	32	35	0	5	211	0	0	0	0	0	0	0	747
16:45	21	319	2	0	68	28	35	0	7	234	0	0	0	0	0	0	0	714
Total	22	1590	8	0	226	111	139	1	39	827	2	0	0	0	0	0	0	2965
17:00	0	303	1	0	62	30	55	0	8	185	0	0	0	0	0	0	0	644
17:15	0	279	17	0	44	22	58	0	14	229	0	0	0	1	0	0	0	664
17:30	3	322	4	0	75	24	75	0	2	222	0	0	0	0	0	0	0	727
17:45	0	418	4	0	65	35	88	0	3	212	0	0	0	0	0	0	0	825
Total	3	1322	26	0	246	111	276	0	27	848	0	0	0	1	0	0	0	2860
Grand Total	61	14345	762	8	844	1379	3188	12	604	9528	27	0	0	85	3	0	0	30846
Apprch %	0.4	94.5	5	0.1	15.6	25.4	58.8	0.2	5.9	93.8	0.3	0	0	96.6	3.4	0	0	
Total %	0.2	46.5	2.5	0	2.7	4.5	10.3	0	2	30.9	0.1	0	0	0.3	0	0	0	
Unshifted	61	14051	746	7	838	1348	3114	12	596	9279	27	0	0	83	3	0	0	30165
% Unshifted	100	98	97.9	87.5	99.3	97.8	97.7	100	98.7	97.4	100	0	0	97.6	100	0	0	97.8
Bank 1	0	294	16	1	6	31	74	0	8	249	0	0	0	2	0	0	0	681
% Bank 1	0	2	2.1	12.5	0.7	2.2	2.3	0	1.3	2.6	0	0	0	2.4	0	0	0	2.2

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Start Time	TH-169 Southbound					ramp from WB I-494 Westbound					TH-169 Northbound					ramp to WB 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 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	0	328	47	0	375	8	56	140	3	207	38	326	0	0	364	0	0	0	0	0	946
07:30	0	351	23	0	374	2	46	141	0	189	25	412	0	0	437	0	0	0	0	0	1000
07:45	0	359	50	0	409	8	60	187	1	256	34	455	8	0	497	0	0	0	0	0	1162
08:00	1	269	40	2	312	8	56	111	0	175	41	323	1	0	365	0	0	0	0	0	852
Total Volume	1	1307	160	2	1470	26	218	579	4	827	138	1516	9	0	1663	0	0	0	0	0	3960
% App. Total	0.1	88.9	10.9	0.1		3.1	26.4	70	0.5		8.3	91.2	0.5	0		0	0	0	0		
PHF	.250	.910	.800	.250	.899	.813	.908	.774	.333	.808	.841	.833	.281	.000	.837	.000	.000	.000	.000	.000	.852



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Start Time	TH-169 Southbound					ramp from WB I-494 Westbound					TH-169 Northbound					ramp to WB 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	
15:00	0	517	18	0	535	31	30	68	0	129	6	207	0	0	213	0	0	0	0	0	877
15:15	7	466	50	0	523	23	30	81	0	134	11	223	0	0	234	0	0	0	0	0	891
15:30	5	526	5	0	536	23	24	75	0	122	9	253	0	0	262	0	0	0	0	0	920
15:45	0	497	7	0	504	41	26	32	0	99	6	199	0	0	205	0	0	0	0	0	808
Total Volume	12	2006	80	0	2098	118	110	256	0	484	32	882	0	0	914	0	0	0	0	0	3496
% App. Total	0.6	95.6	3.8	0		24.4	22.7	52.9	0		3.5	96.5	0	0		0	0	0	0		
PHF	.429	.953	.400	.000	.979	.720	.917	.790	.000	.903	.727	.872	.000	.000	.872	.000	.000	.000	.000	.000	.950

Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 15:00

