

Loop Detector Turning Movement Count Information

Intersection: **45th St & 15th Ave S**

Month Counts

Dates: **7/1/2009** to **7/10/2009**

Note: Cells values represent the average of the dates above.

Start Time	EB Approach		WB Approach		NB Approach			SB Approach			Int. Total	Int. Hr. Total *
	EB Thru	EB Total	WB Thru	WB Total	NB Left	NB Thru	NB Total	SB Left	SB Thru	SB Total		
12:00 AM	1	1	2	2	1	42	43	2	49	51	97	299
12:15 AM	1	1	1	1	1	32	33	1	39	40	76	255
12:30 AM	1	1	2	2	1	26	27	0	38	38	67	222
12:45 AM	0	0	1	1	1	25	25	1	32	33	59	196
1:00 AM	1	1	1	1	0	20	20	1	30	31	53	183
1:15 AM	1	1	1	1	1	17	17	0	24	24	43	172
1:30 AM	0	0	1	1	1	15	16	0	24	24	41	157
1:45 AM	1	1	1	1	0	16	16	0	27	28	46	142
2:00 AM	1	1	1	1	1	12	13	1	27	28	42	121
2:15 AM	1	1	1	1	1	11	11	1	15	16	28	98
2:30 AM	0	0	0	0	0	10	10	1	15	16	26	87
2:45 AM	0	0	0	0	0	9	9	0	15	15	25	76
3:00 AM	0	0	0	0	1	7	8	0	10	10	19	70
3:15 AM	0	0	0	0	0	7	7	0	9	10	17	64
3:30 AM	0	0	0	0	0	7	7	0	7	7	15	65
3:45 AM	0	0	0	0	0	11	11	0	7	7	19	73
4:00 AM	0	0	0	0	0	7	7	0	6	6	13	85
4:15 AM	0	0	0	0	0	10	10	1	7	8	18	100
4:30 AM	0	0	0	0	0	11	11	1	11	12	23	116
4:45 AM	0	0	1	1	1	18	18	2	10	12	31	146
5:00 AM	1	1	1	1	0	16	16	0	10	10	28	202
5:15 AM	1	1	1	1	1	19	19	1	12	13	34	270
5:30 AM	0	0	1	1	1	31	32	1	18	19	53	341
5:45 AM	1	1	2	2	2	51	53	4	27	31	87	424
6:00 AM	1	1	3	3	1	59	60	1	30	31	96	561
6:15 AM	1	1	2	2	2	56	58	3	42	44	105	664
6:30 AM	1	1	4	4	3	82	84	2	44	46	136	797
6:45 AM	3	3	11	11	5	121	125	7	78	85	224	958
7:00 AM	3	3	5	5	6	120	125	3	63	66	199	1141
7:15 AM	5	5	4	4	7	131	138	4	88	92	238	1235
7:30 AM	5	5	8	8	9	173	182	5	96	101	297	1248
7:45 AM	12	12	11	11	13	218	230	12	142	153	407	1208
8:00 AM	5	5	7	7	9	155	164	8	109	117	293	1101
8:15 AM	6	6	7	7	7	117	124	6	109	115	251	1086
8:30 AM	7	7	6	6	10	121	131	5	108	112	257	1132
8:45 AM	10	10	8	8	10	139	149	7	125	133	300	1177
9:00 AM	11	11	7	7	13	130	142	4	114	118	278	1229
9:15 AM	9	9	10	10	12	141	153	6	118	124	297	1303
9:30 AM	11	11	11	11	14	135	148	6	126	132	302	1384
9:45 AM	10	10	10	10	16	163	178	9	145	153	352	1475
10:00 AM	13	13	13	13	17	162	179	6	141	147	352	1567
10:15 AM	14	14	14	14	17	170	188	8	154	162	378	1663
10:30 AM	14	14	15	15	19	169	188	8	169	177	393	1760
10:45 AM	18	18	19	19	24	197	221	9	178	187	444	1907
11:00 AM	15	15	18	18	23	187	210	11	193	204	448	2037
11:15 AM	20	20	21	21	25	199	224	11	199	210	475	2184
11:30 AM	25	25	22	22	32	222	254	14	225	239	540	2308
11:45 AM	22	22	30	30	31	230	261	15	247	262	574	2389
12:00 PM	28	28	30	30	34	225	259	17	261	278	595	2446
12:15 PM	27	27	34	34	33	233	266	17	256	273	599	2442
12:30 PM	29	29	36	36	31	258	290	14	253	267	621	2425
12:45 PM	30	30	32	32	35	254	288	17	262	280	631	2369
1:00 PM	25	25	30	30	32	239	271	13	252	265	591	2308
1:15 PM	25	25	32	32	27	229	255	14	255	269	582	2283
1:30 PM	24	24	32	32	27	230	257	13	239	253	565	2239
1:45 PM	23	23	33	33	27	236	263	12	239	251	570	2206
2:00 PM	24	24	28	28	32	226	257	12	245	257	566	2201
2:15 PM	20	20	28	28	32	219	251	11	228	239	538	2170
2:30 PM	23	23	29	29	26	210	236	9	234	244	532	2183
2:45 PM	23	23	33	33	28	217	245	12	252	264	565	2215
3:00 PM	22	22	29	29	29	215	244	10	229	240	535	2245
3:15 PM	24	24	30	30	27	231	259	8	230	239	551	2299
3:30 PM	25	25	29	29	30	218	248	12	250	261	564	2349
3:45 PM	27	27	31	31	31	230	261	13	264	277	595	2419
4:00 PM	26	26	34	34	30	213	243	15	270	285	589	2455
4:15 PM	26	26	28	28	31	230	261	14	271	286	601	2495
4:30 PM	37	37	44	44	33	217	250	17	287	303	634	2547
4:45 PM	35	35	34	34	34	230	264	16	283	298	631	2511
5:00 PM	32	32	37	37	33	223	256	12	292	304	629	2427
5:15 PM	32	32	37	37	36	240	275	13	296	309	653	2341
5:30 PM	27	27	31	31	29	221	250	14	276	290	598	2225
5:45 PM	23	23	30	30	28	217	245	11	238	249	547	2102
6:00 PM	23	23	30	30	28	205	232	10	247	257	543	2046
6:15 PM	20	20	25	25	31	218	248	9	236	245	537	1973
6:30 PM	19	19	24	24	23	198	221	9	202	211	475	1882
6:45 PM	20	20	21	21	22	198	220	9	221	230	491	1842
7:00 PM	18	18	23	23	25	190	215	9	206	215	470	1781
7:15 PM	18	18	22	22	23	183	206	8	193	200	446	1719
7:30 PM	15	15	21	21	26	176	202	6	190	196	435	1668
7:45 PM	17	17	22	22	21	163	184	8	200	207	430	1585
8:00 PM	14	14	21	21	19	157	176	7	189	197	408	1502
8:15 PM	15	15	18	18	16	153	170	8	184	192	395	1423
8:30 PM	13	13	20	20	15	136	151	7	161	168	352	1333
8:45 PM	16	16	16	16	14	131	145	6	165	170	347	1245
9:00 PM	12	12	20	20	15	134	149	3	145	148	329	1149
9:15 PM	10	10	17	17	13	123	136	4	138	143	305	1040
9:30 PM	10	10	13	13	8	103	111	3	127	130	264	938
9:45 PM	8	8	9	9	8	103	111	4	119	123	251	852
10:00 PM	4	4	8	8	6	88	94	5	109	114	220	766
10:15 PM	5	5	4	4	5	85	91	4	100	104	203	694
10:30 PM	4	4	4	4	5	72	77	3	89	92	178	630
10:45 PM	4	4	3	3	4	71	75	3	80	83	165	565
11:00 PM	2	2	3	3	4	63	67	2	73	75	148	505
11:15 PM	2	2	4	4	3	60	63	3	68	71	139	454
11:30 PM	2	2	3	3	4	45	48	1	58	59	113	391
11:45 PM	2	2	2	2	2	44	46	1	55	56	105	345
TOTALS	1162	1162	1408	1408	1413	12587	13987	636	13229	13866	30427	

* Intersection hour count total equals the current time period and the following three time periods.

Loop Detector Turning Movement Count Information

Intersection: **45th St & 15th Ave S**

Weekday Counts

Dates: **7/1/2009**

to **7/10/2009**

Note: Cells values represent the average of the dates above.

Start Time	EB Approach		WB Approach		NB Approach			SB Approach			Int. Total	Int. Hr. Total
	EB Thru	EB Total	WB Thru	WB Total	NB Left	NB Thru	NB Total	SB Left	SB Thru	SB Total		
12:00 AM	1	1	3	3	1	41	42	2	49	50	96	299
12:15 AM	1	1	2	2	1	32	33	1	39	40	76	255
12:30 AM	1	1	2	2	1	25	26	0	38	39	67	222
12:45 AM	0	0	1	1	1	25	25	1	32	33	60	196
1:00 AM	1	1	2	2	0	19	19	1	29	30	52	182
1:15 AM	1	1	1	1	1	16	17	0	25	25	43	175
1:30 AM	0	0	1	1	1	14	15	0	25	26	41	160
1:45 AM	1	1	1	1	0	16	16	0	28	28	46	146
2:00 AM	1	1	2	2	1	13	13	1	29	30	45	127
2:15 AM	1	1	1	1	1	11	11	1	15	15	28	102
2:30 AM	0	0	0	0	0	10	10	1	15	16	27	91
2:45 AM	0	0	0	0	0	10	10	0	16	16	27	80
3:00 AM	0	0	0	0	1	8	8	0	11	11	20	71
3:15 AM	1	1	0	0	0	8	8	1	9	9	17	64
3:30 AM	0	0	0	0	0	7	7	0	8	9	16	66
3:45 AM	0	0	0	0	0	12	12	0	6	6	18	76
4:00 AM	0	0	0	0	0	7	7	0	5	6	13	94
4:15 AM	0	0	0	0	0	11	11	1	7	8	19	113
4:30 AM	0	0	0	0	0	12	12	2	12	14	26	134
4:45 AM	1	1	1	1	1	20	21	2	11	14	36	169
5:00 AM	1	1	2	2	0	18	18	0	11	12	32	234
5:15 AM	1	1	1	1	1	22	23	1	13	14	40	316
5:30 AM	0	0	2	2	2	37	38	1	20	21	61	404
5:45 AM	2	2	2	2	3	60	63	4	31	34	101	508
6:00 AM	1	1	4	4	1	71	72	2	35	37	114	682
6:15 AM	1	1	3	3	2	69	71	3	50	54	128	814
6:30 AM	1	1	5	5	3	101	104	3	53	55	165	980
6:45 AM	4	4	13	13	6	150	156	9	94	103	275	1182
7:00 AM	3	3	6	6	7	150	157	4	75	79	246	1410
7:15 AM	6	6	5	5	8	163	171	5	107	112	294	1522
7:30 AM	7	7	11	11	11	217	228	6	115	122	367	1530
7:45 AM	16	16	14	14	16	270	286	15	173	188	503	1469
8:00 AM	6	6	9	9	11	190	201	10	131	141	358	1316
8:15 AM	7	7	8	8	8	140	148	8	131	138	302	1287
8:30 AM	9	9	8	8	12	143	155	6	129	134	306	1336
8:45 AM	12	12	9	9	12	163	175	9	144	153	350	1381
9:00 AM	13	13	9	9	15	155	170	4	132	137	329	1438
9:15 AM	11	11	12	12	15	167	183	7	138	146	351	1517
9:30 AM	13	13	13	13	16	156	172	8	145	153	351	1599
9:45 AM	13	13	12	12	19	187	206	11	167	177	407	1697
10:00 AM	15	15	15	15	20	187	207	7	164	171	408	1793
10:15 AM	17	17	17	17	20	196	216	10	173	183	433	1887
10:30 AM	16	16	17	17	21	194	215	9	191	200	449	1995
10:45 AM	20	20	22	22	28	223	251	10	199	209	503	2157
11:00 AM	17	17	21	21	27	207	235	13	216	229	502	2295
11:15 AM	24	24	25	25	28	223	251	13	228	242	541	2470
11:30 AM	30	30	26	26	36	247	283	16	256	272	611	2605
11:45 AM	25	25	35	35	35	252	287	17	277	295	641	2691
12:00 PM	34	34	36	36	38	247	285	21	301	322	677	2751
12:15 PM	32	32	38	38	38	256	294	20	292	312	676	2738
12:30 PM	33	33	41	41	37	287	324	17	282	299	697	2706
12:45 PM	35	35	36	36	38	277	316	21	293	314	701	2636
1:00 PM	28	28	35	35	35	267	301	15	285	300	664	2567
1:15 PM	28	28	36	36	30	251	281	16	284	300	644	2523
1:30 PM	27	27	35	35	29	254	284	16	265	281	627	2472
1:45 PM	25	25	36	36	30	259	289	15	267	281	632	2428
2:00 PM	26	26	31	31	34	245	279	14	271	285	620	2429
2:15 PM	22	22	31	31	35	242	276	12	252	264	593	2402
2:30 PM	25	25	32	32	27	229	256	10	260	270	583	2425
2:45 PM	27	27	38	38	32	243	274	15	279	294	633	2470
3:00 PM	24	24	33	33	31	237	269	11	256	267	593	2500
3:15 PM	26	26	33	33	31	254	285	10	261	271	616	2571
3:30 PM	30	30	31	31	34	238	272	14	281	295	628	2628
3:45 PM	29	29	34	34	34	251	285	16	298	314	663	2722
4:00 PM	31	31	40	40	33	239	272	18	304	322	664	2780
4:15 PM	29	29	32	32	34	256	290	17	305	322	673	2834
4:30 PM	44	44	50	50	37	243	280	20	329	348	722	2911
4:45 PM	41	41	38	38	39	257	296	18	328	346	721	2873
5:00 PM	37	37	43	43	38	253	290	13	334	348	718	2779
5:15 PM	37	37	43	43	41	273	314	16	339	355	750	2677
5:30 PM	31	31	37	37	32	250	282	17	316	333	684	2531
5:45 PM	27	27	35	35	32	247	279	14	272	286	627	2391
6:00 PM	26	26	34	34	32	233	265	12	279	291	616	2322
6:15 PM	23	23	28	28	33	242	276	10	267	277	604	2241
6:30 PM	22	22	28	28	26	227	253	11	230	241	544	2143
6:45 PM	24	24	24	24	23	225	249	11	251	262	558	2082
7:00 PM	21	21	26	26	29	211	240	11	237	248	535	2014
7:15 PM	21	21	26	26	27	203	230	9	220	229	506	1936
7:30 PM	18	18	25	25	28	193	221	6	212	219	483	1875
7:45 PM	20	20	26	26	24	183	207	9	228	237	490	1786
8:00 PM	17	17	26	26	21	171	192	9	214	223	457	1687
8:15 PM	18	18	23	23	18	169	187	9	207	217	445	1597
8:30 PM	15	15	25	25	18	149	167	8	180	188	394	1492
8:45 PM	18	18	19	19	15	145	160	7	187	194	391	1387
9:00 PM	14	14	24	24	16	145	161	3	165	168	367	1272
9:15 PM	12	12	20	20	14	132	147	4	157	161	340	1151
9:30 PM	10	10	15	15	9	113	122	3	139	142	289	1040
9:45 PM	9	9	11	11	8	113	122	5	129	134	276	948
10:00 PM	5	5	9	9	7	95	102	6	124	130	246	855
10:15 PM	6	6	4	4	6	97	103	5	112	117	229	766
10:30 PM	4	4	4	4	5	81	86	4	98	102	197	684
10:45 PM	5	5	4	4	5	76	81	3	91	94	183	607
11:00 PM	2	2	4	4	4	64	69	2	80	82	157	529
11:15 PM	2	2	5	5	4	61	65	3	73	76	147	468
11:30 PM	3	3	4	4	4	45	49	2	63	64	120	397
11:45 PM	1	1	2	2	2	43	46	1	55	56	105	344
TOTALS	1345	1345	1633	1633	1591	14146	15738	754	14959	15717	34426	

* Intersection hour count total equals the current time period and the following three time periods.

Loop Detector Turning Movement Count Information

Intersection: **45th St & 15th Ave S**

Weekend Counts

Dates: **7/1/2009**

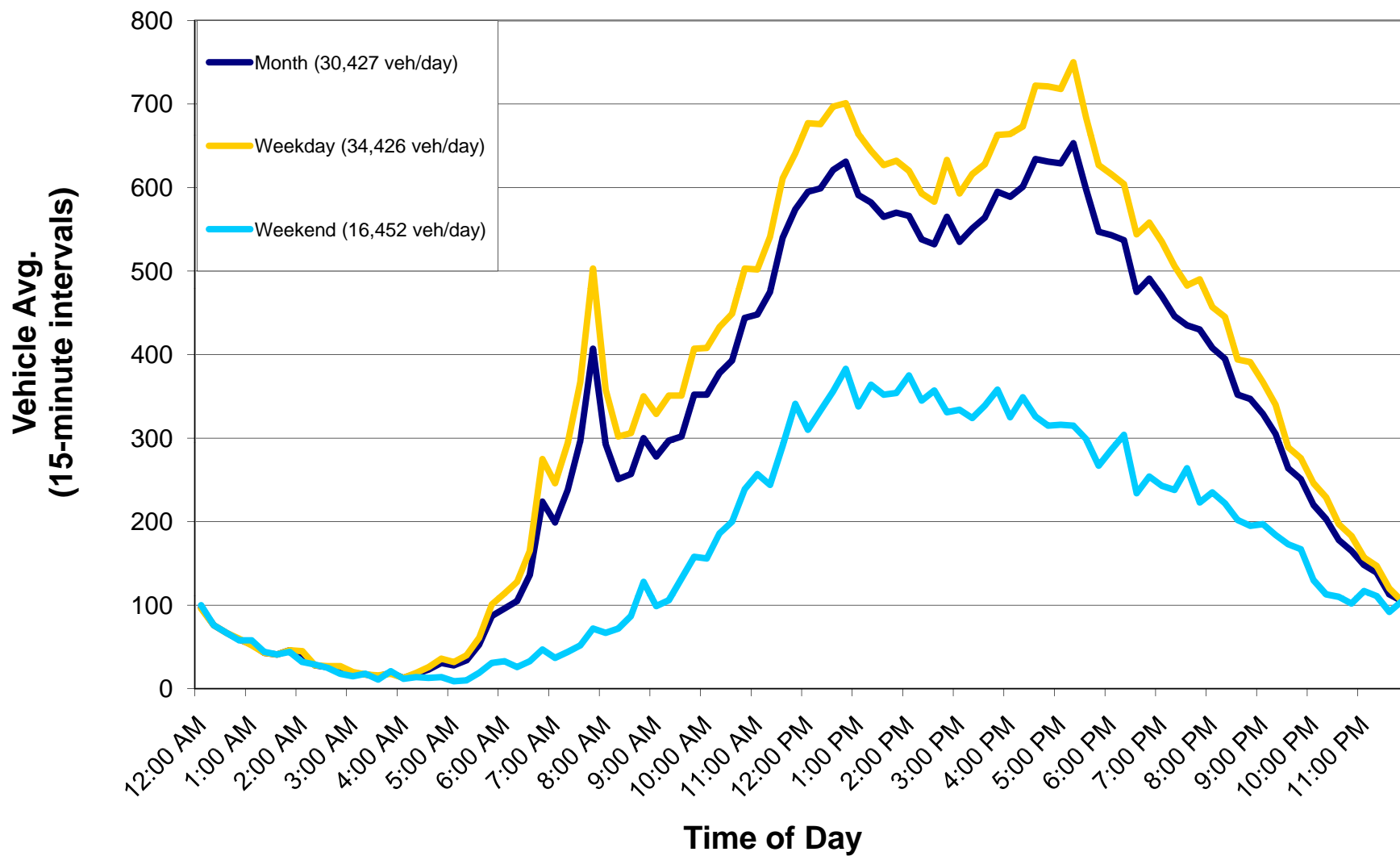
to **7/10/2009**

Note: Cells values represent the average of the dates above.

Start Time	EB Approach		WB Approach		NB Approach			SB Approach			Int. Total	Int. Hr. Total
	EB Thru	EB Total	WB Thru	WB Total	NB Left	NB Thru	NB Total	SB Left	SB Thru	SB Total		
12:00 AM	1	1	1	1	0	47	47	2	50	52	100	301
12:15 AM	2	2	1	1	2	32	34	1	39	40	76	259
12:30 AM	1	1	1	1	1	30	30	1	34	35	67	227
12:45 AM	1	1	2	2	0	25	25	1	31	31	58	201
1:00 AM	1	1	0	0	1	21	22	1	35	35	58	187
1:15 AM	2	2	0	0	0	21	21	0	22	22	44	161
1:30 AM	0	0	3	3	1	19	20	0	19	19	41	146
1:45 AM	1	1	1	1	0	17	17	2	24	26	44	130
2:00 AM	0	0	0	0	0	11	11	1	20	21	32	104
2:15 AM	1	1	0	0	1	12	12	1	16	17	29	87
2:30 AM	1	1	1	1	1	11	11	1	12	13	25	76
2:45 AM	0	0	0	0	1	5	6	1	11	12	18	62
3:00 AM	1	1	1	1	0	7	7	0	7	7	15	65
3:15 AM	0	0	0	0	0	6	6	0	12	12	18	62
3:30 AM	0	0	0	0	0	9	9	0	3	3	11	58
3:45 AM	0	0	0	0	0	9	9	0	12	12	21	60
4:00 AM	0	0	0	0	0	5	5	0	7	7	12	53
4:15 AM	0	0	0	0	1	6	6	1	8	8	14	50
4:30 AM	0	0	0	0	0	7	7	1	6	7	13	46
4:45 AM	0	0	1	1	0	8	8	1	5	6	14	52
5:00 AM	0	0	0	0	0	5	5	0	4	4	9	69
5:15 AM	0	0	0	0	0	4	4	0	6	6	10	93
5:30 AM	0	0	0	0	0	8	8	1	10	11	19	109
5:45 AM	1	1	1	1	1	12	13	2	14	16	31	123
6:00 AM	1	1	1	1	1	19	20	0	12	12	33	139
6:15 AM	0	0	1	1	1	13	13	1	12	13	26	143
6:30 AM	1	1	2	2	1	15	16	1	15	15	33	161
6:45 AM	1	1	2	2	1	19	20	2	23	25	47	180
7:00 AM	1	1	2	2	1	13	14	1	20	20	37	205
7:15 AM	1	1	1	1	2	20	21	0	22	22	44	235
7:30 AM	1	1	0	0	2	21	23	1	28	29	52	263
7:45 AM	1	1	2	2	2	34	36	1	33	34	72	298
8:00 AM	1	1	1	1	2	32	34	2	30	32	67	354
8:15 AM	0	0	1	1	3	34	37	1	34	35	72	386
8:30 AM	2	2	3	3	3	46	48	0	35	35	87	420
8:45 AM	4	4	5	5	3	56	58	2	59	61	128	465
9:00 AM	3	3	2	2	4	41	44	1	50	51	99	495
9:15 AM	5	5	3	3	2	49	51	1	47	47	106	552
9:30 AM	4	4	4	4	5	60	65	1	59	60	132	632
9:45 AM	3	3	5	5	5	78	83	2	67	69	158	700
10:00 AM	6	6	5	5	8	75	82	1	62	63	156	781
10:15 AM	5	5	6	6	7	81	87	3	86	89	186	882
10:30 AM	5	5	7	7	11	83	94	4	91	95	200	940
10:45 AM	11	11	7	7	9	105	114	3	105	108	239	1031
11:00 AM	5	5	8	8	10	115	125	6	114	120	257	1133
11:15 AM	7	7	9	9	15	115	129	3	97	100	244	1186
11:30 AM	6	6	10	10	17	136	152	5	118	123	291	1275
11:45 AM	13	13	12	12	18	153	170	6	141	147	341	1340
12:00 PM	9	9	7	7	20	150	169	5	121	126	310	1382
12:15 PM	11	11	18	18	15	152	167	6	132	138	333	1410
12:30 PM	13	13	19	19	14	157	171	3	152	154	356	1441
12:45 PM	15	15	18	18	22	171	193	4	154	158	383	1437
1:00 PM	17	17	14	14	22	144	166	5	137	142	338	1408
1:15 PM	16	16	20	20	15	152	167	6	156	162	364	1445
1:30 PM	14	14	20	20	20	145	165	6	148	154	352	1426
1:45 PM	14	14	21	21	19	153	172	5	142	147	354	1431
2:00 PM	15	15	18	18	25	159	184	5	155	160	375	1408
2:15 PM	14	14	18	18	21	142	163	6	146	151	345	1367
2:30 PM	19	19	20	20	21	146	167	8	144	152	357	1346
2:45 PM	10	10	17	17	17	128	144	5	156	160	331	1328
3:00 PM	16	16	18	18	22	136	158	6	137	143	334	1355
3:15 PM	16	16	19	19	16	150	166	1	123	124	324	1346
3:30 PM	11	11	21	21	16	148	164	4	140	144	339	1371
3:45 PM	17	17	19	19	19	156	175	5	143	148	358	1358
4:00 PM	12	12	16	16	15	122	141	5	152	157	325	1315
4:15 PM	18	18	14	14	21	139	159	6	153	158	349	1306
4:30 PM	12	12	24	24	20	125	145	6	140	146	326	1272
4:45 PM	14	14	20	20	18	134	152	6	124	130	315	1245
5:00 PM	17	17	16	16	17	118	134	6	144	149	316	1197
5:15 PM	13	13	13	13	16	124	139	3	147	150	315	1167
5:30 PM	13	13	10	10	18	118	136	4	137	141	299	1156
5:45 PM	9	9	12	12	14	113	127	1	120	120	267	1091
6:00 PM	13	13	17	17	14	104	117	5	135	140	286	1078
6:15 PM	8	8	14	14	21	131	152	3	129	132	304	1035
6:30 PM	7	7	11	11	12	97	109	3	105	107	234	969
6:45 PM	7	7	11	11	16	102	118	4	116	119	254	999
7:00 PM	6	6	11	11	10	117	127	1	99	100	243	968
7:15 PM	10	10	6	6	8	113	121	4	98	102	238	960
7:30 PM	3	3	8	8	16	120	136	4	114	118	264	944
7:45 PM	6	6	8	8	11	95	105	3	102	104	223	882
8:00 PM	4	4	7	7	10	109	119	3	103	106	235	854
8:15 PM	5	5	3	3	10	100	109	3	103	106	222	816
8:30 PM	4	4	4	4	7	90	97	2	97	98	202	778
8:45 PM	10	10	3	3	10	85	94	3	86	89	195	749
9:00 PM	4	4	6	6	13	97	110	3	75	77	197	721
9:15 PM	3	3	6	6	7	91	98	4	74	78	184	654
9:30 PM	9	9	4	4	4	69	73	2	87	89	173	583
9:45 PM	4	4	3	3	6	68	74	3	83	86	167	520
10:00 PM	2	2	5	5	3	63	66	0	58	58	130	455
10:15 PM	1	1	4	4	3	45	48	1	60	60	113	442
10:30 PM	5	5	5	5	3	40	43	1	57	58	110	440
10:45 PM	3	3	2	2	1	53	54	1	43	44	102	422
11:00 PM	2	2	2	2	3	59	62	1	51	52	117	425
11:15 PM	2	2	1	1	2	53	55	1	53	53	111	408
11:30 PM	2	2	2	2	2	45	46	0	42	42	92	373
11:45 PM	2	2	1	1	2	45	47	1	54	55	105	348
TOTALS	557	557	668	668	784	7123	7883	239	7194	7414	16452	

* Intersection hour count total equals the current time period and the following three time periods.

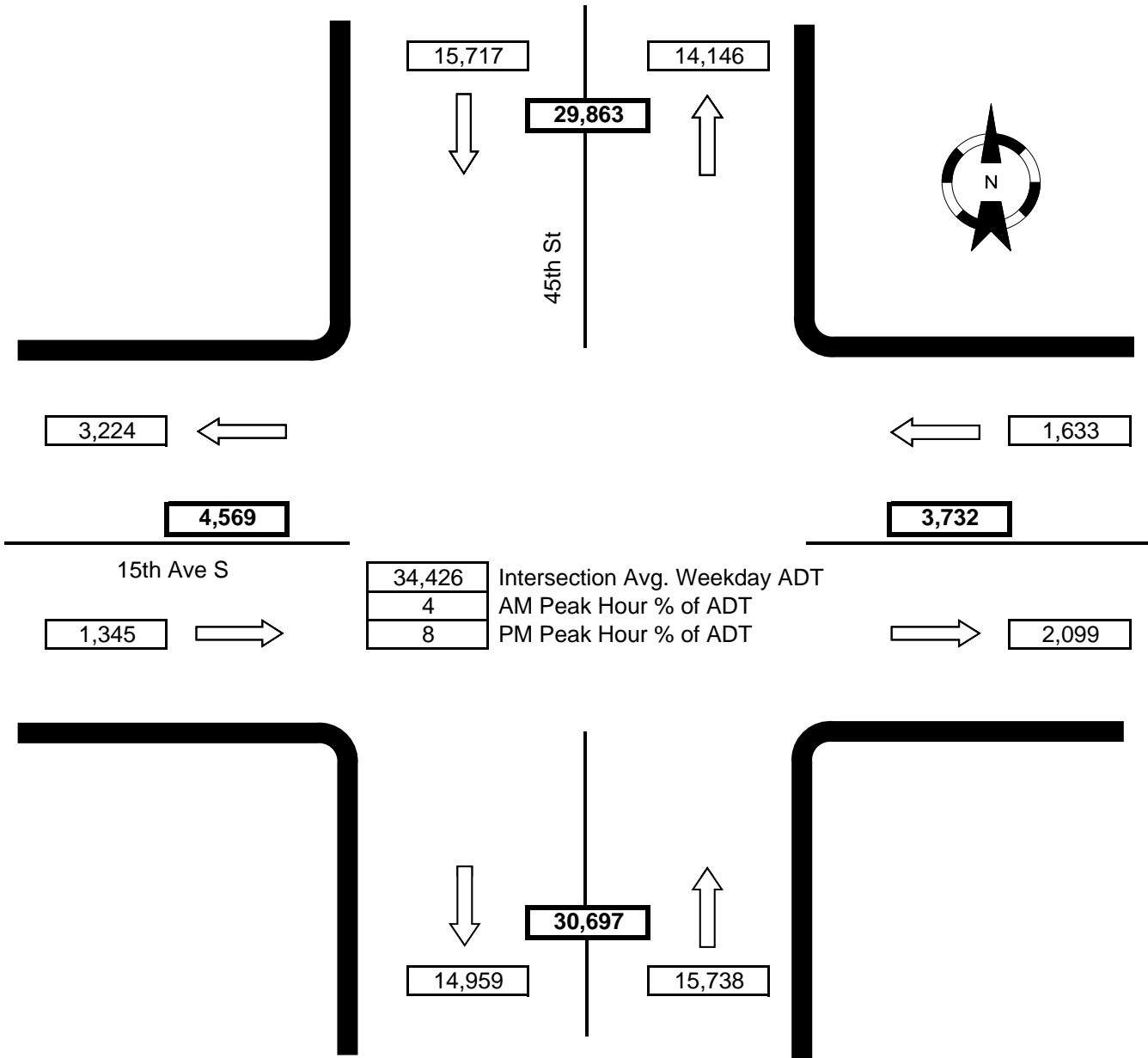
45th St. & 15th Ave. S. Intersection Volume Comparison July 2009



Average Daily Traffic (Approach and Roadway)

Intersection Name: 45th St & 15th Ave S

Date: July 2009



Notes: WB left-turn and right-turn movement not recorded.
 EB left-turn and right-turn movement not recorded.
 NB right-turn movement not recorded.
 SB right-turn movement included in SB thru movement.