

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

80th St E at Blaine Ave (east of TH-52)

Inver Grove Heights

Ref.Pt.: 122.516

TURN MOVEMENT COUNTS

File Name : 41 80th St & Blaine Ave

Site Code : 41

Start Date : 1/13/2012

Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Blaine Ave E Southbound				80th St E Westbound				Blaine Ave E Northbound				80th St E Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	0	4	0	3	71	0	0	3	0	2	0	4	14	1	0	102
06:15	0	0	12	1	1	79	2	0	3	0	0	0	0	16	5	0	119
06:30	3	1	18	2	4	88	2	0	7	2	1	0	3	38	4	0	173
06:45	20	0	12	0	0	98	3	1	9	0	5	1	5	62	11	0	227
Total	23	1	46	3	8	336	7	1	22	2	8	1	12	130	21	0	621
07:00	51	1	10	0	4	115	5	0	9	2	11	0	4	93	12	0	317
07:15	40	1	21	0	2	118	12	0	9	0	4	0	7	82	30	0	326
07:30	24	3	22	0	6	95	9	0	11	1	7	1	7	62	47	0	295
07:45	6	12	16	0	8	87	2	0	11	1	1	1	5	46	107	2	305
Total	121	17	69	0	20	415	28	0	40	4	23	2	23	283	196	2	1243
08:00	5	3	11	1	9	85	7	0	9	0	4	0	5	42	29	0	210
08:15	5	2	7	0	3	73	1	0	7	0	1	0	4	32	29	0	164
08:30	5	1	10	0	12	71	3	0	10	0	4	0	7	35	63	0	221
08:45	5	7	14	0	18	59	2	1	23	5	2	0	4	39	108	1	288
Total	20	13	42	1	42	288	13	1	49	5	11	0	20	148	229	1	883
09:00	6	2	7	0	8	51	4	0	19	1	6	0	3	22	33	0	162
09:15	6	1	5	1	8	37	1	0	11	1	2	0	10	21	32	0	136
09:30	1	6	6	0	5	52	2	0	14	1	0	0	3	47	47	0	184
09:45	5	6	10	1	10	49	6	0	34	2	9	0	6	40	63	0	241
Total	18	15	28	2	31	189	13	0	78	5	17	0	22	130	175	0	723
10:00	4	1	6	0	5	55	6	0	29	3	6	0	11	45	35	0	206
10:15	8	3	4	0	9	40	5	0	17	4	5	1	5	37	39	1	178
10:30	9	3	3	0	6	45	4	0	25	1	6	0	5	38	30	0	175
10:45	5	6	9	0	14	32	4	0	37	3	9	0	3	44	44	0	210
Total	26	13	22	0	34	172	19	0	108	11	26	1	24	164	148	1	769
11:00	9	2	10	0	5	41	5	0	32	5	6	0	2	31	21	0	169
11:15	7	1	5	0	11	45	2	0	22	4	5	0	9	50	21	0	182
11:30	5	8	8	0	5	35	6	1	43	7	12	0	6	48	33	0	217
11:45	3	7	4	0	12	52	6	1	64	4	16	0	7	39	45	0	260
Total	24	18	27	0	33	173	19	2	161	20	39	0	24	168	120	0	828
12:00	9	2	5	0	12	60	3	0	36	4	15	0	15	43	26	0	230
12:15	2	9	6	0	7	70	7	0	19	2	7	1	7	39	13	0	189
12:30	6	8	5	0	5	54	2	0	27	2	7	0	4	45	20	0	185
12:45	4	5	8	0	10	55	4	0	54	11	10	0	5	33	36	0	235
Total	21	24	24	0	34	239	16	0	136	19	39	1	31	160	95	0	839
13:00	2	2	4	0	8	45	2	0	35	7	13	0	10	57	29	0	214
13:15	5	6	9	1	14	50	4	0	53	8	13	0	6	39	35	0	243
13:30	12	5	11	0	9	52	7	2	49	3	7	0	4	49	38	0	248
13:45	5	5	3	0	13	39	3	1	44	4	11	0	12	63	40	0	243
Total	24	18	27	1	44	186	16	3	181	22	44	0	32	208	142	0	948
14:00	5	2	10	2	6	47	3	1	29	5	10	0	5	51	18	0	194
14:15	6	2	6	0	7	49	9	0	29	2	14	0	6	70	24	0	224
14:30	15	6	2	0	11	102	33	0	39	5	4	0	8	78	18	0	321
14:45	10	3	4	0	10	72	6	4	40	5	10	0	7	72	37	0	280
Total	36	13	22	2	34	270	51	5	137	17	38	0	26	271	97	0	1019
15:00	6	0	7	1	8	78	7	0	38	4	15	1	8	74	10	0	257
15:15	5	1	1	0	8	58	6	1	71	8	12	0	10	82	22	0	285
15:30	11	5	8	1	6	66	13	0	50	6	10	0	11	90	26	0	303
15:45	11	4	12	1	5	63	13	1	32	4	11	2	17	85	18	0	279
Total	33	10	28	3	27	265	39	2	191	22	48	3	46	331	76	0	1124

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Groups Printed- Cars - Heavy Vehicles

Start Time	Blaine Ave E Southbound				80th St E Westbound				Blaine Ave E Northbound				80th St E Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	16	6	9	0	7	73	13	0	32	5	9	2	15	117	26	0	330
16:15	12	3	10	0	9	72	11	4	38	6	15	4	17	138	19	0	358
16:30	21	2	12	2	8	73	9	3	55	7	19	0	19	116	25	1	372
16:45	11	1	8	1	13	56	9	1	26	4	9	3	16	129	30	0	317
Total	60	12	39	3	37	274	42	8	151	22	52	9	67	500	100	1	1377
17:00	21	5	15	1	13	57	14	0	23	3	9	2	12	113	32	0	320
17:15	13	3	15	0	11	84	12	4	30	8	11	0	25	122	42	0	380
17:30	3	4	9	1	19	71	17	2	22	3	11	0	11	109	43	0	325
17:45	10	11	12	1	21	87	11	0	31	4	7	0	11	104	72	0	382
Total	47	23	51	3	64	299	54	6	106	18	38	2	59	448	189	0	1407
18:00	17	5	9	0	7	65	15	1	13	3	7	2	18	96	23	0	281
18:15	12	1	13	0	2	64	6	3	26	2	6	1	11	78	7	0	232
18:30	12	4	6	2	9	60	9	1	19	4	11	3	7	66	13	0	226
18:45	12	0	11	1	5	77	18	1	17	3	4	2	12	59	3	0	225
Total	53	10	39	3	23	266	48	6	75	12	28	8	48	299	46	0	964
Grand Total	506	187	464	21	431	3372	365	34	1435	179	411	27	434	3240	1634	5	12745
Apprch %	43	15.9	39.4	1.8	10.3	80.2	8.7	0.8	69.9	8.7	20	1.3	8.2	61	30.8	0.1	
Total %	4	1.5	3.6	0.2	3.4	26.5	2.9	0.3	11.3	1.4	3.2	0.2	3.4	25.4	12.8	0	
Cars	495	183	458	15	400	3280	357	26	1401	175	378	24	427	3163	1615	2	12399
% Cars	97.8	97.9	98.7	71.4	92.8	97.3	97.8	76.5	97.6	97.8	92	88.9	98.4	97.6	98.8	40	97.3
Heavy Vehicles	11	4	6	6	31	92	8	8	34	4	33	3	7	77	19	3	346
% Heavy Vehicles	2.2	2.1	1.3	28.6	7.2	2.7	2.2	23.5	2.4	2.2	8	11.1	1.6	2.4	1.2	60	2.7

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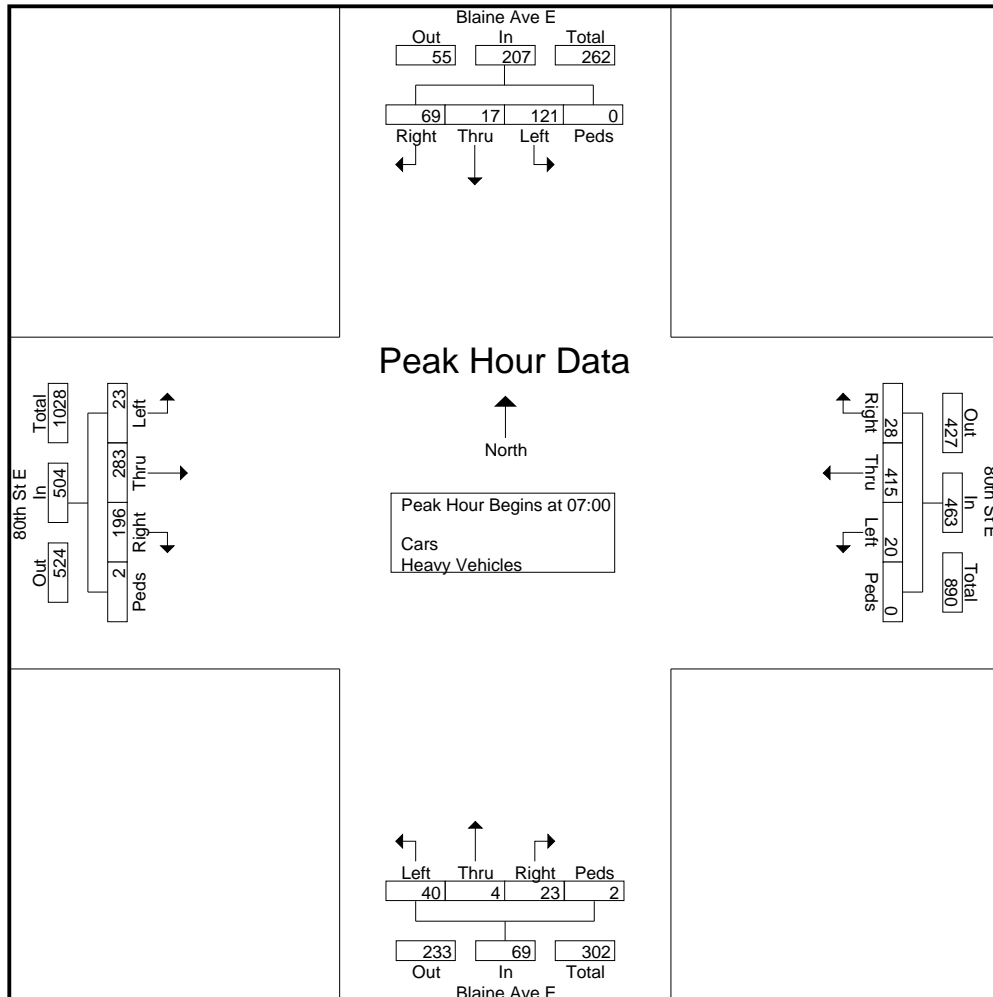
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	51	1	10	0	62	4	115	5	0	124	9	2	11	0	22	4	93	12	0	109	317
07:15	40	1	21	0	62	2	118	12	0	132	9	0	4	0	13	7	82	30	0	119	326
07:30	24	3	22	0	49	6	95	9	0	110	11	1	7	1	20	7	62	47	0	116	295
07:45	6	12	16	0	34	8	87	2	0	97	11	1	1	1	14	5	46	107	2	160	305
Total Volume	121	17	69	0	207	20	415	28	0	463	40	4	23	2	69	23	283	196	2	504	1243
% App. Total	58.5	8.2	33.3	0		4.3	89.6	6	0		58	5.8	33.3	2.9		4.6	56.2	38.9	0.4		
PHF	.593	.354	.784	.000	.835	.625	.879	.583	.000	.877	.909	.500	.523	.500	.784	.821	.761	.458	.250	.788	.953



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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 15:00 to 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	21	5	15	1	42	13	57	14	0	84	23	3	9	2	37	12	113	32	0	157	320
17:15	13	3	15	0	31	11	84	12	4	111	30	8	11	0	49	25	122	42	0	189	380
17:30	3	4	9	1	17	19	71	17	2	109	22	3	11	0	36	11	109	43	0	163	325
17:45	10	11	12	1	34	21	87	11	0	119	31	4	7	0	42	11	104	72	0	187	382
Total Volume	47	23	51	3	124	64	299	54	6	423	106	18	38	2	164	59	448	189	0	696	1407
% App. Total	37.9	18.5	41.1	2.4		15.1	70.7	12.8	1.4		64.6	11	23.2	1.2		8.5	64.4	27.2	0		
PHF	.560	.523	.850	.750	.738	.762	.859	.794	.375	.889	.855	.563	.864	.250	.837	.590	.918	.656	.000	.921	.921

