

# Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

Upper 55th St East at Blaine Ave  
 Inver Grove Heights, MN  
 Ref.Pt.: east of TH-52  
 TURN MOVEMENT COUNT

File Name : 9 Upper 55th St East at Blaine Ave  
 Site Code : 9  
 Start Date : 1/11/2012  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Blaine Ave Southbound				Upper 55th St E Westbound				Blaine Ave Northbound				Upper 55th St E Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	2	2	9	0	1	31	0	0	15	0	2	0	1	15	0	0	78
06:15	1	2	5	0	1	41	5	2	11	2	2	0	4	17	4	0	97
06:30	1	3	13	0	0	37	4	0	17	8	0	0	5	38	5	0	131
06:45	6	6	15	1	3	42	4	0	21	4	6	0	9	29	6	0	152
Total	10	13	42	1	5	151	13	2	64	14	10	0	19	99	15	0	458
07:00	1	7	17	3	2	57	1	0	21	4	6	0	16	23	8	0	166
07:15	8	7	26	0	6	67	0	0	26	7	13	0	11	42	4	0	217
07:30	8	9	20	0	1	72	0	1	23	19	13	0	22	39	9	0	236
07:45	6	9	17	1	3	76	0	0	24	10	18	0	34	59	12	1	270
Total	23	32	80	4	12	272	1	1	94	40	50	0	83	163	33	1	889
08:00	5	6	31	0	3	49	0	0	22	6	6	0	15	44	15	0	202
08:15	5	8	16	0	7	73	0	0	19	13	12	0	15	37	19	0	224
08:30	4	8	21	2	3	58	0	1	15	6	17	0	18	44	3	0	200
08:45	4	7	19	1	1	50	0	0	12	7	4	2	23	57	14	0	201
Total	18	29	87	3	14	230	0	1	68	32	39	2	71	182	51	0	827
09:00	8	7	29	1	9	45	0	0	11	6	9	0	9	43	15	0	192
09:15	2	5	17	0	2	28	0	0	11	5	7	0	24	50	12	0	163
09:30	3	10	16	0	4	36	0	0	17	5	9	0	19	44	11	0	174
09:45	7	6	12	1	2	41	0	0	17	5	5	0	21	57	21	0	195
Total	20	28	74	2	17	150	0	0	56	21	30	0	73	194	59	0	724
10:00	8	5	17	2	4	33	0	0	18	8	8	0	15	47	11	0	176
10:15	7	7	19	0	1	43	0	0	16	9	13	0	15	35	14	0	179
10:30	4	5	21	0	9	49	0	0	9	5	13	1	27	45	11	0	199
10:45	5	10	17	2	5	45	0	0	13	5	11	0	17	51	27	0	208
Total	24	27	74	4	19	170	0	0	56	27	45	1	74	178	63	0	762
11:00	10	11	19	0	7	44	0	1	27	7	13	1	27	48	14	0	229
11:15	10	6	23	0	5	41	0	0	15	9	7	0	19	68	22	0	225
11:30	7	4	19	3	10	63	0	2	23	5	10	0	20	45	29	0	240
11:45	6	8	21	0	6	49	0	0	20	9	14	0	33	62	24	1	253
Total	33	29	82	3	28	197	0	3	85	30	44	1	99	223	89	1	947
12:00	15	12	25	0	9	59	0	0	30	6	22	0	27	69	30	0	304
12:15	5	19	26	0	11	54	1	1	40	9	19	0	21	60	19	0	285
12:30	6	17	30	2	5	57	0	2	47	12	18	0	31	45	22	0	294
12:45	3	10	21	1	10	49	0	0	34	14	21	0	20	44	23	0	250
Total	29	58	102	3	35	219	1	3	151	41	80	0	99	218	94	0	1133
13:00	7	9	28	0	5	51	0	0	20	16	14	0	16	54	14	0	234
13:15	10	14	22	0	11	45	1	0	25	7	20	0	23	52	11	0	241
13:30	10	5	26	0	6	52	0	0	19	13	17	0	11	59	10	0	228
13:45	7	8	31	1	9	49	0	0	18	10	15	0	37	60	19	0	264
Total	34	36	107	1	31	197	1	0	82	46	66	0	87	225	54	0	967
14:00	9	16	18	0	5	42	0	0	15	9	13	0	19	63	12	0	221
14:15	11	8	37	3	9	50	0	1	21	11	13	0	21	74	9	0	268
14:30	6	12	37	2	4	54	0	0	17	12	15	0	33	70	16	0	278
14:45	11	13	36	1	7	46	0	1	23	14	17	0	32	78	25	0	304
Total	37	49	128	6	25	192	0	2	76	46	58	0	105	285	62	0	1071
15:00	8	11	22	2	4	51	1	0	20	8	14	0	21	54	11	0	227
15:15	11	14	28	1	1	58	0	0	10	11	10	0	23	80	15	0	262
15:30	5	17	27	2	12	60	0	1	20	15	7	0	19	80	11	0	276
15:45	13	11	17	1	5	70	0	1	11	21	16	0	25	87	38	0	316
Total	37	53	94	6	22	239	1	2	61	55	47	0	88	301	75	0	1081

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File Name : 9 Upper 55th St East at Blaine Ave  
 Site Code : 9  
 Start Date : 1/11/2012  
 Page No : 2

## Groups Printed- Cars - Heavy Vehicles

Start Time	Blaine Ave Southbound				Upper 55th St E Westbound				Blaine Ave Northbound				Upper 55th St E Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	14	14	30	1	6	42	0	0	23	12	14	0	28	66	24	0	274
16:15	15	12	28	3	3	56	1	1	25	11	13	0	32	71	15	0	286
16:30	13	18	37	0	4	49	0	0	32	11	19	0	28	121	18	0	350
16:45	12	15	27	1	12	61	0	0	26	14	16	0	34	104	26	0	348
Total	54	59	122	5	25	208	1	1	106	48	62	0	122	362	83	0	1258
17:00	14	26	38	1	12	64	0	1	26	8	21	0	20	120	18	0	369
17:15	10	16	22	2	10	45	0	0	26	8	12	1	24	107	26	0	309
17:30	13	17	21	3	8	60	0	1	24	19	11	2	22	88	39	0	328
17:45	13	14	22	3	8	51	0	2	28	16	14	0	21	82	24	0	298
Total	50	73	103	9	38	220	0	4	104	51	58	3	87	397	107	0	1304
18:00	6	16	25	3	8	69	0	0	37	16	17	0	26	79	20	0	322
18:15	12	19	24	0	11	52	0	1	18	18	10	0	19	70	22	0	276
18:30	12	12	20	0	11	40	2	1	26	14	11	0	19	65	27	0	260
18:45	6	7	23	0	8	44	0	0	23	15	11	0	20	49	27	0	233
Total	36	54	92	3	38	205	2	2	104	63	49	0	84	263	96	0	1091
Grand Total	405	540	1187	50	309	2650	20	21	1107	514	638	7	1091	3090	881	2	12512
Apprch %	18.6	24.7	54.4	2.3	10.3	88.3	0.7	0.7	48.9	22.7	28.2	0.3	21.5	61	17.4	0	
Total %	3.2	4.3	9.5	0.4	2.5	21.2	0.2	0.2	8.8	4.1	5.1	0.1	8.7	24.7	7	0	
Cars	392	506	1076	48	289	2502	18	21	1082	484	615	7	1009	2947	867	2	11865
% Cars	96.8	93.7	90.6	96	93.5	94.4	90	100	97.7	94.2	96.4	100	92.5	95.4	98.4	100	94.8
Heavy Vehicles	13	34	111	2	20	148	2	0	25	30	23	0	82	143	14	0	647
% Heavy Vehicles	3.2	6.3	9.4	4	6.5	5.6	10	0	2.3	5.8	3.6	0	7.5	4.6	1.6	0	5.2

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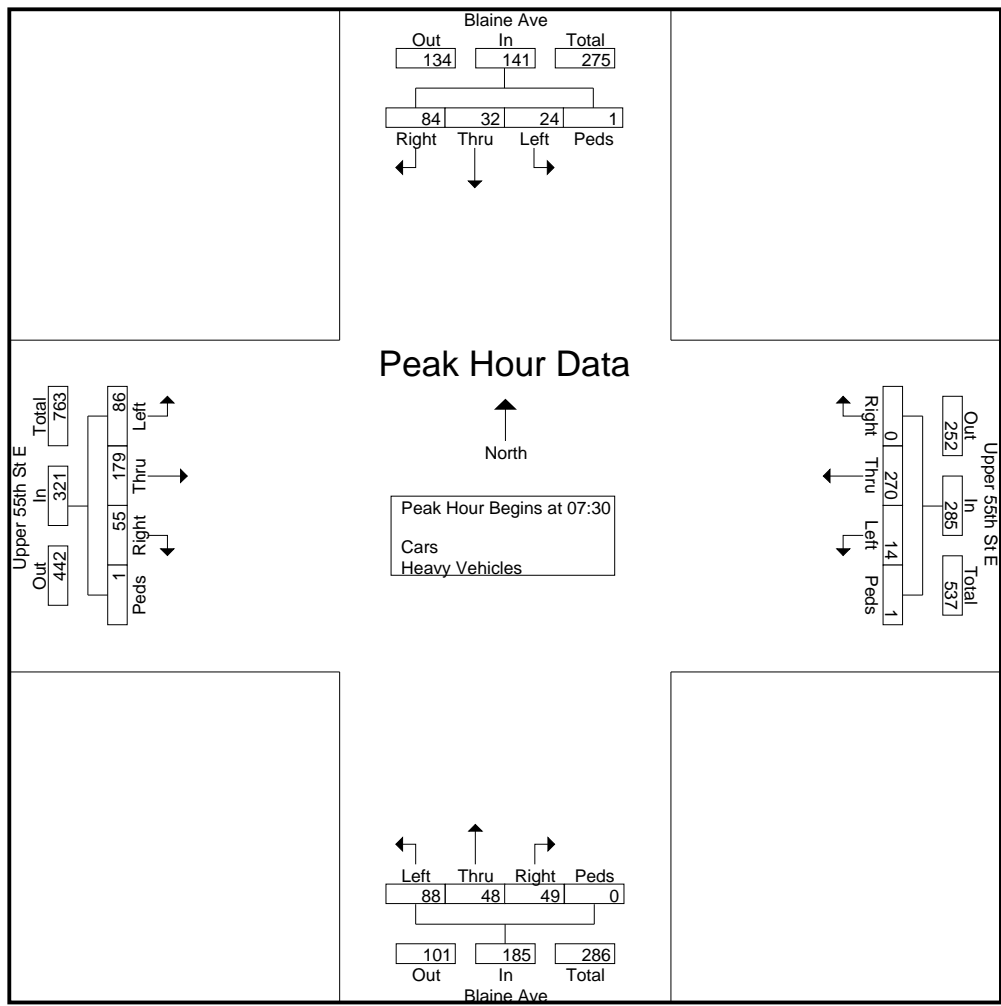
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Start Time	Blaine Ave Southbound					Upper 55th St E Westbound					Blaine Ave Northbound					Upper 55th St E Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	8	9	20	0	37	1	72	0	1	74	23	19	13	0	55	22	39	9	0	70	236
07:45	6	9	17	1	33	3	76	0	0	79	24	10	18	0	52	34	59	12	1	106	270
08:00	5	6	31	0	42	3	49	0	0	52	22	6	6	0	34	15	44	15	0	74	202
08:15	5	8	16	0	29	7	73	0	0	80	19	13	12	0	44	15	37	19	0	71	224
Total Volume	24	32	84	1	141	14	270	0	1	285	88	48	49	0	185	86	179	55	1	321	932
% App. Total	17	22.7	59.6	0.7		4.9	94.7	0	0.4		47.6	25.9	26.5	0		26.8	55.8	17.1	0.3		
PHF	.750	.889	.677	.250	.839	.500	.888	.000	.250	.891	.917	.632	.681	.000	.841	.632	.758	.724	.250	.757	.863



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 TURN MOVEMENT COUNT

File Name : 9 Upper 55th St East at Blaine Ave  
 Site Code : 9  
 Start Date : 1/11/2012  
 Page No : 4

Start Time	Blaine Ave Southbound					Upper 55th St E Westbound					Blaine Ave Northbound					Upper 55th St E 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 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	13	18	37	0	68	4	49	0	0	53	32	11	19	0	62	28	121	18	0	167	350
16:45	12	15	27	1	55	12	61	0	0	73	26	14	16	0	56	34	104	26	0	164	348
17:00	14	26	38	1	79	12	64	0	1	77	26	8	21	0	55	20	120	18	0	158	369
17:15	10	16	22	2	50	10	45	0	0	55	26	8	12	1	47	24	107	26	0	157	309
Total Volume	49	75	124	4	252	38	219	0	1	258	110	41	68	1	220	106	452	88	0	646	1376
% App. Total	19.4	29.8	49.2	1.6		14.7	84.9	0	0.4		50	18.6	30.9	0.5		16.4	70	13.6	0		
PHF	.875	.721	.816	.500	.797	.792	.855	.000	.250	.838	.859	.732	.810	.250	.887	.779	.934	.846	.000	.967	.932

