

# Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

Concord Blvd / CSAH-56 at Cahill Ave  
(north of TH-52/55 Inver Grove Heights  
Ref.Pt.:  
TURN MOVEMENT COUNT

File Name : 11 CR 56 & Cahill Ave  
Site Code : 11  
Start Date : 1/13/2012  
Page No : 1

## Groups Printed- Cars - Heavy Vehicles

Start Time	Cahill Ave Southbound				Concord Blvd / CSAH-56 Westbound				Cahill Ave Northbound				Concord Blvd / CSAH-56 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	1	6	7	0	2	40	1	0	14	0	1	0	5	7	2	0	86
06:15	0	5	11	0	5	43	0	0	16	2	1	0	2	20	9	0	114
06:30	3	5	18	0	7	56	0	0	21	3	0	0	4	21	10	0	148
06:45	3	9	14	0	8	61	3	0	23	9	3	0	17	25	14	0	189
Total	7	25	50	0	22	200	4	0	74	14	5	0	28	73	35	0	537
07:00	4	5	32	0	10	65	2	0	34	18	6	0	19	20	21	0	236
07:15	2	14	38	1	9	61	4	0	35	14	4	0	11	31	21	0	245
07:30	2	7	26	0	6	86	3	0	36	9	3	0	8	28	19	0	233
07:45	1	9	19	0	9	47	7	0	19	13	5	0	13	24	11	0	177
Total	9	35	115	1	34	259	16	0	124	54	18	0	51	103	72	0	891
08:00	0	31	16	0	18	49	2	0	46	14	7	0	10	33	36	0	262
08:15	1	21	17	0	10	49	1	0	43	28	7	0	8	23	27	3	238
08:30	3	11	13	1	12	45	2	0	29	12	4	0	9	24	10	0	175
08:45	2	12	8	3	11	38	4	0	27	9	5	0	10	25	19	0	173
Total	6	75	54	4	51	181	9	0	145	63	23	0	37	105	92	3	848
09:00	0	7	12	0	14	26	1	0	21	7	6	0	8	21	9	1	133
09:15	5	10	9	2	7	27	2	0	20	5	0	0	8	26	11	2	134
09:30	1	10	13	1	12	49	3	3	18	6	6	0	13	16	16	0	167
09:45	4	12	10	1	11	31	3	0	23	9	6	0	15	13	15	0	153
Total	10	39	44	4	44	133	9	3	82	27	18	0	44	76	51	3	587
10:00	1	16	6	0	11	29	0	1	16	6	5	0	16	19	9	0	135
10:15	2	9	12	1	11	23	1	1	30	7	7	0	16	33	10	0	163
10:30	1	14	12	0	8	35	1	0	12	7	7	0	17	22	17	0	153
10:45	3	16	7	1	9	22	3	0	32	11	5	0	18	24	16	0	167
Total	7	55	37	2	39	109	5	2	90	31	24	0	67	98	52	0	618
11:00	1	14	13	2	10	38	1	2	16	15	3	0	13	23	14	0	165
11:15	3	16	17	0	8	41	3	0	37	13	6	0	16	25	11	0	196
11:30	4	13	14	1	15	29	5	0	26	12	4	0	20	34	9	3	189
11:45	3	14	8	1	18	33	2	0	23	14	8	2	17	39	15	0	197
Total	11	57	52	4	51	141	11	2	102	54	21	2	66	121	49	3	747
12:00	2	20	12	0	10	28	4	0	15	13	10	1	20	24	15	0	174
12:15	4	26	12	0	5	32	2	1	21	13	7	0	14	50	23	0	210
12:30	2	16	15	2	11	33	3	0	23	6	8	0	26	35	8	0	188
12:45	0	19	11	1	12	30	1	0	31	15	7	0	15	32	15	0	189
Total	8	81	50	3	38	123	10	1	90	47	32	1	75	141	61	0	761
13:00	3	14	10	0	10	29	4	0	20	19	5	0	15	40	20	0	189
13:15	1	11	17	0	13	21	4	0	21	12	6	1	27	38	16	0	188
13:30	5	11	19	0	12	42	5	0	20	9	8	0	19	33	16	1	200
13:45	3	16	13	2	6	23	5	0	25	11	4	0	17	38	12	0	175
Total	12	52	59	2	41	115	18	0	86	51	23	1	78	149	64	1	752
14:00	4	13	17	1	11	32	6	1	28	16	9	0	20	44	20	0	222
14:15	1	10	14	0	12	37	5	0	23	13	5	0	24	40	10	0	194
14:30	7	22	19	0	13	33	3	0	24	13	9	0	26	50	13	0	232
14:45	7	20	9	1	13	33	2	0	28	12	6	0	20	53	28	0	232
Total	19	65	59	2	49	135	16	1	103	54	29	0	90	187	71	0	880
15:00	5	34	15	2	19	29	2	0	37	22	8	0	23	50	23	1	270
15:15	5	26	22	0	14	37	7	2	37	27	17	0	27	57	11	0	289
15:30	5	22	19	1	18	42	3	1	26	17	7	0	17	65	23	1	267
15:45	1	23	14	0	17	47	5	0	35	18	10	0	38	67	29	1	305
Total	16	105	70	3	68	155	17	3	135	84	42	0	105	239	86	3	1131

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## Groups Printed- Cars - Heavy Vehicles

Start Time	Cahill Ave Southbound				Concord Blvd / CSAH-56 Westbound				Cahill Ave Northbound				Concord Blvd / CSAH-56 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	2	20	21	3	14	34	2	0	32	21	20	2	30	72	33	2	308
16:15	4	14	18	1	12	38	6	0	42	22	14	0	34	59	30	1	295
16:30	4	37	21	3	13	46	7	0	50	23	19	0	23	72	24	0	342
16:45	6	13	14	1	17	42	6	0	36	15	12	0	38	87	22	0	309
Total	16	84	74	8	56	160	21	0	160	81	65	2	125	290	109	3	1254
17:00	5	24	21	1	13	52	7	1	46	13	16	0	35	77	29	0	340
17:15	7	27	17	0	8	41	3	0	25	21	20	0	36	70	31	0	306
17:30	4	19	22	0	9	52	4	0	35	16	14	0	23	78	34	0	310
17:45	5	23	14	1	19	34	5	0	42	24	13	0	32	67	35	0	314
Total	21	93	74	2	49	179	19	1	148	74	63	0	126	292	129	0	1270
18:00	3	23	13	2	13	50	4	0	33	27	15	0	20	67	18	0	288
18:15	1	26	9	4	20	27	1	0	25	15	8	0	22	59	28	0	245
18:30	8	19	10	3	19	30	3	3	36	21	18	0	22	44	17	6	259
18:45	2	26	19	6	13	28	2	3	36	16	17	0	23	53	21	6	271
Total	14	94	51	15	65	135	10	6	130	79	58	0	87	223	84	12	1063
Grand Total	156	860	789	50	607	2025	165	19	1469	713	421	6	979	2097	955	28	11339
Apprch %	8.4	46.4	42.5	2.7	21.6	71.9	5.9	0.7	56.3	27.3	16.1	0.2	24.1	51.7	23.5	0.7	
Total %	1.4	7.6	7	0.4	5.4	17.9	1.5	0.2	13	6.3	3.7	0.1	8.6	18.5	8.4	0.2	
Cars	149	814	759	50	589	1875	158	19	1388	668	409	6	946	1911	907	27	10675
% Cars	95.5	94.7	96.2	100	97	92.6	95.8	100	94.5	93.7	97.1	100	96.6	91.1	95	96.4	94.1
Heavy Vehicles	7	46	30	0	18	150	7	0	81	45	12	0	33	186	48	1	664
% Heavy Vehicles	4.5	5.3	3.8	0	3	7.4	4.2	0	5.5	6.3	2.9	0	3.4	8.9	5	3.6	5.9

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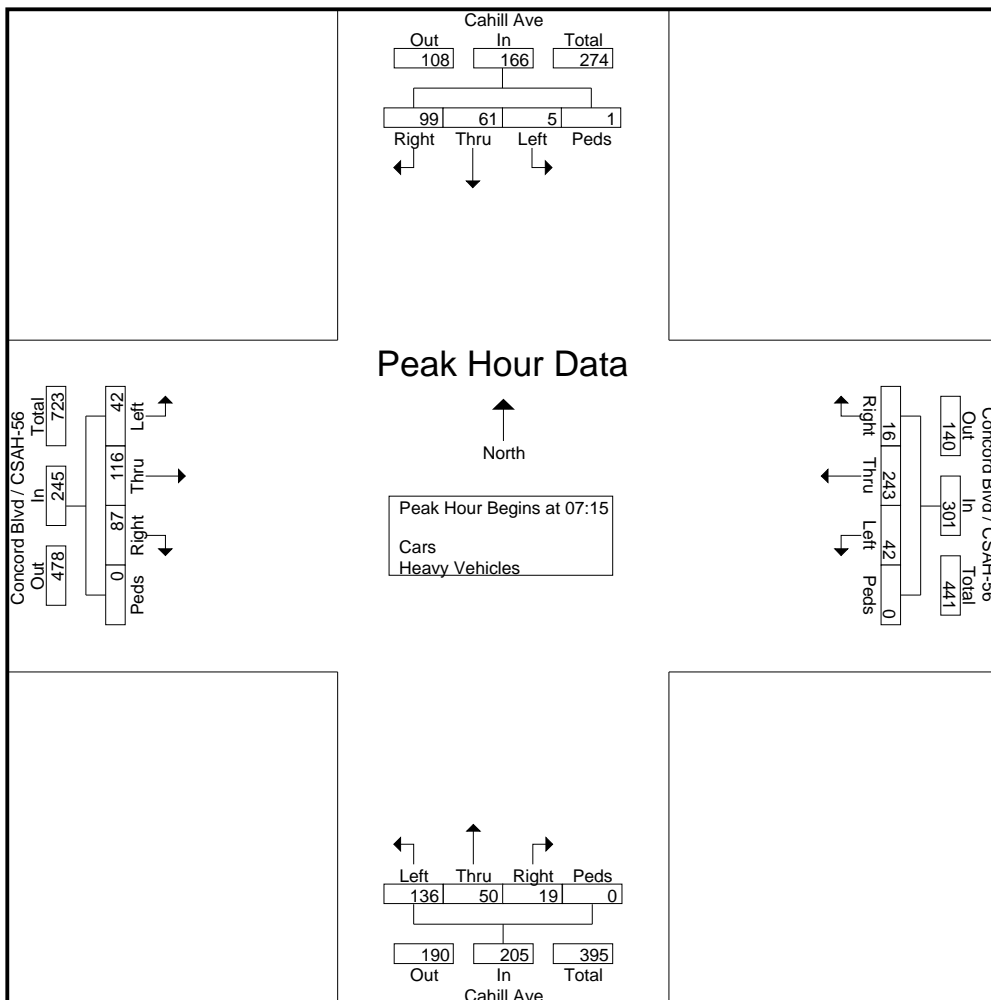
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	2	14	38	1	55	9	61	4	0	74	35	14	4	0	53	11	31	21	0	63	245
07:30	2	7	26	0	35	6	86	3	0	95	36	9	3	0	48	8	28	19	0	55	233
07:45	1	9	19	0	29	9	47	7	0	63	19	13	5	0	37	13	24	11	0	48	177
08:00	0	31	16	0	47	18	49	2	0	69	46	14	7	0	67	10	33	36	0	79	262
Total Volume	5	61	99	1	166	42	243	16	0	301	136	50	19	0	205	42	116	87	0	245	917
% App. Total	3	36.7	59.6	0.6		14	80.7	5.3	0		66.3	24.4	9.3	0		17.1	47.3	35.5	0		
PHF	.625	.492	.651	.250	.755	.583	.706	.571	.000	.792	.739	.893	.679	.000	.765	.808	.879	.604	.000	.775	.875



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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 16:30																					
16:30	4	37	21	3	65	13	46	7	0	66	50	23	19	0	92	23	72	24	0	119	342
16:45	6	13	14	1	34	17	42	6	0	65	36	15	12	0	63	38	87	22	0	147	309
17:00	5	24	21	1	51	13	52	7	1	73	46	13	16	0	75	35	77	29	0	141	340
17:15	7	27	17	0	51	8	41	3	0	52	25	21	20	0	66	36	70	31	0	137	306
Total Volume	22	101	73	5	201	51	181	23	1	256	157	72	67	0	296	132	306	106	0	544	1297
% App. Total	10.9	50.2	36.3	2.5		19.9	70.7	9	0.4		53	24.3	22.6	0		24.3	56.2	19.5	0		
PHF	.786	.682	.869	.417	.773	.750	.870	.821	.250	.877	.785	.783	.838	.000	.804	.868	.879	.855	.000	.925	.948

