

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

185th St W at Kenyon Ave / Knollwood Cir

Lakeville, MN

Ref.Pt.: west of I-35

TURN MOVEMENT COUNT

File Name : 31 CR 60 & Knollwood Circle

Site Code : 31

Start Date : 1/13/2012

Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Kenyon Ave Southbound				185th St W / CSAH-60 Westbound				Knollwood Circle Northbound				185th St W / CSAH-60 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	21	0	2	0	0	34	1	0	0	0	0	0	0	80	0	0	138
06:15	54	0	0	0	0	78	7	0	0	0	0	0	0	151	0	0	290
06:30	43	0	1	0	0	109	4	0	0	0	0	0	0	158	0	0	315
06:45	78	0	5	0	0	140	10	0	0	0	1	0	1	179	0	0	414
Total	196	0	8	0	0	361	22	0	0	0	1	0	1	568	0	0	1157
07:00	86	0	1	0	0	124	15	0	0	0	1	0	0	182	0	0	409
07:15	73	0	3	0	0	148	19	0	0	0	0	0	0	206	0	0	449
07:30	67	1	2	0	0	115	8	0	0	0	5	0	3	240	0	0	441
07:45	88	0	5	0	0	137	19	0	0	0	2	0	2	221	1	0	475
Total	314	1	11	0	0	524	61	0	0	0	8	0	5	849	1	0	1774
08:00	45	0	3	0	0	127	16	0	0	0	0	0	2	201	0	0	394
08:15	38	1	4	0	1	86	17	0	0	0	3	0	1	150	1	0	302
08:30	33	1	4	0	0	95	19	0	0	0	0	0	2	154	0	0	308
08:45	32	0	1	0	1	96	15	0	0	0	1	0	4	152	0	0	302
Total	148	2	12	0	2	404	67	0	0	0	4	0	9	657	1	0	1306
09:00	48	0	2	0	0	95	15	0	2	0	1	0	1	112	0	0	276
09:15	35	0	4	0	0	92	20	0	0	0	1	0	4	158	0	0	314
09:30	42	0	1	0	1	94	10	0	0	0	0	0	3	120	0	0	271
09:45	24	0	1	0	1	70	17	0	0	0	0	0	1	123	0	0	237
Total	149	0	8	0	2	351	62	0	2	0	2	0	9	513	0	0	1098
10:00	30	1	2	0	2	61	13	0	0	0	2	0	1	80	0	0	192
10:15	22	0	3	0	1	73	15	0	0	0	0	0	0	110	0	0	224
10:30	27	0	3	0	1	88	15	0	0	0	0	1	2	99	0	0	236
10:45	27	0	2	0	1	86	15	0	0	0	0	0	0	95	0	0	226
Total	106	1	10	0	5	308	58	0	0	0	2	1	3	384	0	0	878
11:00	33	0	1	0	1	91	10	0	0	0	2	0	1	105	0	0	244
11:15	26	1	1	0	0	81	20	0	0	0	0	0	1	112	0	0	242
11:30	25	0	0	0	1	95	16	0	0	0	2	0	1	117	1	0	258
11:45	19	0	1	0	1	90	22	0	0	1	0	0	1	89	1	0	225
Total	103	1	3	0	3	357	68	0	0	1	4	0	4	423	2	0	969
12:00	17	0	1	0	0	112	27	0	0	0	1	0	3	86	1	0	248
12:15	20	1	1	2	1	107	23	0	0	0	0	0	1	107	0	0	263
12:30	28	0	2	0	1	89	23	0	0	0	4	0	2	107	1	0	257
12:45	27	0	3	0	0	109	22	0	0	0	0	0	4	101	0	0	266
Total	92	1	7	2	2	417	95	0	0	0	5	0	10	401	2	0	1034
13:00	30	0	3	0	1	120	28	0	0	0	1	0	1	88	0	0	272
13:15	26	0	1	0	0	112	25	0	0	0	1	0	2	94	0	0	261
13:30	22	0	1	0	1	105	26	0	0	0	0	0	1	91	1	0	248
13:45	18	0	1	1	1	126	22	0	0	0	1	0	1	80	0	0	251
Total	96	0	6	1	3	463	101	0	0	0	3	0	5	353	1	0	1032
14:00	24	0	3	0	2	112	25	0	1	0	0	0	1	96	0	0	264
14:15	16	0	1	1	1	130	19	0	0	0	2	0	0	113	0	0	283
14:30	26	0	2	0	0	115	31	0	1	0	0	2	1	112	0	0	290
14:45	42	0	2	0	3	141	42	0	0	0	1	0	1	109	0	0	341
Total	108	0	8	1	6	498	117	0	2	0	3	2	3	430	0	0	1178
15:00	25	0	1	1	1	142	36	0	0	0	1	0	2	102	1	0	312
15:15	28	0	1	0	0	188	41	0	0	0	0	0	3	127	1	0	389
15:30	23	0	5	0	2	204	36	0	0	0	1	0	3	139	0	0	413
15:45	43	0	6	0	0	210	40	1	0	0	1	2	2	155	0	0	460
Total	119	0	13	1	3	744	153	1	0	0	3	2	10	523	2	0	1574

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 Site Code : 31
 Start Date : 1/13/2012
 Page No : 2

Groups Printed- Cars - Heavy Vehicles

Start Time	Kenyon Ave Southbound				185th St W / CSAH-60 Westbound				Knollwood Circle Northbound				185th St W / CSAH-60 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	32	0	1	1	0	238	62	0	0	0	0	0	1	160	0	0	495
16:15	28	0	2	0	1	228	59	0	0	0	0	0	5	189	0	0	512
16:30	37	0	2	0	1	260	49	0	0	0	0	0	6	174	0	0	529
16:45	46	0	4	0	1	267	71	0	0	0	0	0	2	165	0	0	556
Total	143	0	9	1	3	993	241	0	0	0	0	0	14	688	0	0	2092
17:00	46	0	1	0	0	216	73	0	0	0	1	0	3	176	0	0	516
17:15	36	0	5	0	0	266	76	0	0	0	1	0	2	186	1	0	573
17:30	36	0	3	1	3	260	80	0	0	0	0	0	5	204	0	0	592
17:45	65	0	2	0	2	231	74	0	0	0	0	0	5	149	0	0	528
Total	183	0	11	1	5	973	303	0	0	0	2	0	15	715	1	0	2209
18:00	33	0	3	5	0	211	63	0	0	0	1	1	3	142	0	0	462
18:15	45	0	4	0	0	204	56	0	0	0	1	0	2	162	0	0	474
18:30	30	0	1	0	2	174	75	0	0	0	0	0	3	136	0	0	421
18:45	44	0	2	1	1	151	51	0	0	0	0	0	3	132	0	0	385
Total	152	0	10	6	3	740	245	0	0	0	2	1	11	572	0	0	1742
Grand Total	1909	6	116	13	37	7133	1593	1	4	1	39	6	99	7076	10	0	18043
Apprch %	93.4	0.3	5.7	0.6	0.4	81.4	18.2	0	8	2	78	12	1.4	98.5	0.1	0	
Total %	10.6	0	0.6	0.1	0.2	39.5	8.8	0	0	0	0.2	0	0.5	39.2	0.1	0	
Cars	1879	4	112	6	36	6893	1572	0	3	1	35	3	96	6822	7	0	17469
% Cars	98.4	66.7	96.6	46.2	97.3	96.6	98.7	0	75	100	89.7	50	97	96.4	70	0	96.8
Heavy Vehicles	30	2	4	7	1	240	21	1	1	0	4	3	3	254	3	0	574
% Heavy Vehicles	1.6	33.3	3.4	53.8	2.7	3.4	1.3	100	25	0	10.3	50	3	3.6	30	0	3.2

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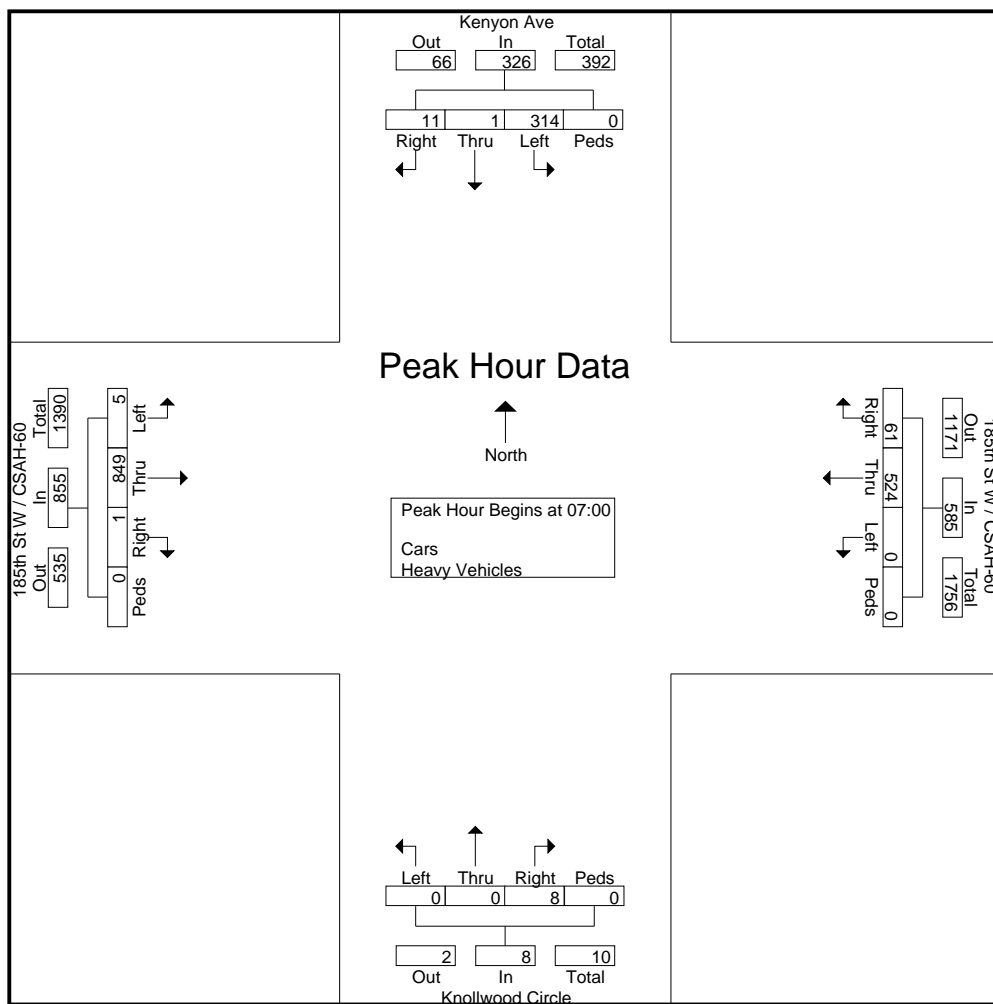
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Start Time	Kenyon Ave Southbound					185th St W / CSAH-60 Westbound					Knollwood Circle Northbound					185th St W / CSAH-60 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	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 07:00																					
07:00	86	0	1	0	87	0	124	15	0	139	0	0	1	0	1	0	182	0	0	182	409
07:15	73	0	3	0	76	0	148	19	0	167	0	0	0	0	0	0	206	0	0	206	449
07:30	67	1	2	0	70	0	115	8	0	123	0	0	5	0	5	3	240	0	0	243	441
07:45	88	0	5	0	93	0	137	19	0	156	0	0	2	0	2	2	221	1	0	224	475
Total Volume	314	1	11	0	326	0	524	61	0	585	0	0	8	0	8	5	849	1	0	855	1774
% App. Total	96.3	0.3	3.4	0		0	89.6	10.4	0		0	0	100	0		0.6	99.3	0.1	0		
PHF	.892	.250	.550	.000	.876	.000	.885	.803	.000	.876	.000	.000	.400	.000	.400	.417	.884	.250	.000	.880	.934



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Start Time	Kenyon Ave Southbound					185th St W / CSAH-60 Westbound					Knollwood Circle Northbound					185th St W / CSAH-60 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 16:45																					
16:45	46	0	4	0	50	1	267	71	0	339	0	0	0	0	0	2	165	0	0	167	556
17:00	46	0	1	0	47	0	216	73	0	289	0	0	1	0	1	3	176	0	0	179	516
17:15	36	0	5	0	41	0	266	76	0	342	0	0	1	0	1	2	186	1	0	189	573
17:30	36	0	3	1	40	3	260	80	0	343	0	0	0	0	0	5	204	0	0	209	592
Total Volume	164	0	13	1	178	4	1009	300	0	1313	0	0	2	0	2	12	731	1	0	744	2237
% App. Total	92.1	0	7.3	0.6		0.3	76.8	22.8	0		0	0	100	0		1.6	98.3	0.1	0		
PHF	.891	.000	.650	.250	.890	.333	.945	.938	.000	.957	.000	.000	.500	.000	.500	.600	.896	.250	.000	.890	.945

