

Alliant Engineering, Inc

233 Park Ave Suite 300
 Minneapolis, MN 55415

CSAH-60 at Knollwood Cir-Kenyon Ave
 Ref.Pt.: 84.498
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

--TRAFFIC DATA--

File Name : 371_CSAH 60 & Knollwood Cir-Kenyon Ave
 Site Code : 371
 Start Date : 10/25/2017
 Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Kenyon Ave From North				CSAH 60 From East				Knollwood Cir From South				CSAH 60 From West				Int. Total
	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	
06:00 AM	0	32	0	1	0	0	65	8	0	0	0	0	0	0	121	0	227
06:15 AM	0	41	0	0	0	0	91	6	0	0	0	0	0	0	169	0	307
06:30 AM	0	48	0	3	0	0	147	4	0	0	0	0	0	3	203	0	408
06:45 AM	0	71	0	2	0	0	181	2	0	0	0	0	0	0	191	1	448
Total	0	192	0	6	0	0	484	20	0	0	0	0	0	3	684	1	1390
07:00 AM	0	90	0	2	0	0	162	12	0	0	0	0	0	0	279	0	545
07:15 AM	0	96	0	2	0	1	179	22	0	1	0	1	0	0	260	1	563
07:30 AM	0	75	0	2	0	0	207	15	0	0	0	1	0	0	276	2	578
07:45 AM	0	74	0	10	0	0	166	12	0	0	0	0	0	2	197	0	461
Total	0	335	0	16	0	1	714	61	0	1	0	2	0	2	1012	3	2147
08:00 AM	0	40	0	1	0	1	151	20	0	0	0	2	0	0	201	0	416
08:15 AM	0	35	0	0	0	0	121	22	0	0	0	1	0	2	180	0	361
08:30 AM	0	41	0	0	0	0	110	15	0	0	0	1	0	1	183	0	351
08:45 AM	0	31	0	3	0	0	91	23	0	0	0	0	0	2	157	0	307
Total	0	147	0	4	0	1	473	80	0	0	0	4	0	5	721	0	1435
09:00 AM	0	70	1	2	0	1	80	23	0	0	0	2	0	1	136	0	316
09:15 AM	0	25	0	0	1	0	97	23	0	0	0	0	0	2	116	1	265
*** BREAK ***																	
Total	0	95	1	2	1	1	177	46	0	0	0	2	0	3	252	1	581
*** BREAK ***																	
10:30 AM	0	20	0	4	0	1	142	20	0	0	0	1	0	0	115	1	304
10:45 AM	0	24	0	3	0	0	110	21	0	0	0	0	0	1	115	0	274
Total	0	44	0	7	0	1	252	41	0	0	0	1	0	1	230	1	578
11:00 AM	0	32	0	3	0	0	86	22	0	0	0	0	0	1	109	1	254
11:15 AM	0	24	0	2	0	0	115	15	0	0	0	0	0	0	126	1	283
11:30 AM	0	21	0	1	0	0	143	24	0	0	1	0	0	1	128	0	319
11:45 AM	0	22	0	2	0	0	149	28	0	0	0	0	0	0	116	0	317
Total	0	99	0	8	0	0	493	89	0	0	1	0	0	2	479	2	1173
12:00 PM	0	25	0	3	0	2	107	27	0	0	0	1	1	2	139	0	307
12:15 PM	0	29	0	1	0	0	133	22	0	1	0	0	0	1	112	1	300
12:30 PM	0	24	0	1	0	0	127	24	0	0	1	0	0	1	130	0	308
12:45 PM	0	21	0	0	0	0	103	28	0	0	0	1	1	6	120	0	280
Total	0	99	0	5	0	2	470	101	0	1	1	2	2	10	501	1	1195
01:00 PM	0	27	0	1	0	0	110	25	0	0	0	2	0	1	102	1	269
01:15 PM	0	14	1	3	0	0	113	23	0	0	0	0	0	4	111	0	269
*** BREAK ***																	
Total	0	41	1	4	0	0	223	48	0	0	0	2	0	5	213	1	538
*** BREAK ***																	
02:30 PM	0	32	0	1	0	0	168	39	0	0	0	1	0	3	145	0	389
02:45 PM	0	30	0	1	0	0	181	51	0	0	0	1	0	2	143	0	409
Total	0	62	0	2	0	0	349	90	0	0	0	2	0	5	288	0	798
03:00 PM	0	37	0	1	0	1	181	34	0	0	0	0	0	4	144	0	402
03:15 PM	0	35	0	1	0	1	229	52	0	0	1	0	0	2	167	0	488
03:30 PM	0	34	0	2	0	0	236	66	0	0	0	0	0	2	167	0	507
03:45 PM	0	31	0	2	0	0	242	40	0	0	0	1	0	1	186	0	503
Total	0	137	0	6	0	2	888	192	0	0	1	1	0	9	664	0	1900
04:00 PM	0	31	0	3	0	3	268	63	0	0	0	4	0	2	189	0	563
04:15 PM	0	34	0	0	0	1	272	50	0	0	1	1	0	1	176	3	539
04:30 PM	0	44	1	1	0	0	263	71	0	0	0	0	0	4	163	0	547
04:45 PM	0	44	0	1	0	0	299	77	0	0	0	0	2	4	188	2	617
Total	0	153	1	5	0	4	1102	261	0	0	1	5	2	11	716	5	2266

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 Start Date : 10/25/2017
 Page No : 2

Groups Printed- Vehicles - Trucks

Start Time	Kenyon Ave From North				CSAH 60 From East				Knollwood Cir From South				CSAH 60 From West				Int. Total
	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	
05:00 PM	0	44	0	0	0	1	244	57	0	0	0	0	0	2	215	0	563
05:15 PM	0	31	0	0	0	0	280	65	0	0	0	0	0	3	208	0	587
05:30 PM	0	38	0	5	0	0	234	74	0	0	0	0	0	2	181	0	534
05:45 PM	0	48	0	0	0	0	229	77	0	0	0	0	0	4	200	0	558
Total	0	161	0	5	0	1	987	273	0	0	0	0	0	11	804	0	2242
Grand Total	0	1565	3	70	1	13	6612	1302	0	2	4	21	4	67	6564	15	16243
Apprch %	0	95.5	0.2	4.3	0	0.2	83.4	16.4	0	7.4	14.8	77.8	0.1	1	98.7	0.2	
Total %	0	9.6	0	0.4	0	0.1	40.7	8	0	0	0	0.1	0	0.4	40.4	0.1	
Vehicles	0	1534	0	66	1	10	6355	1269	0	2	2	16	4	66	6316	10	15651
% Vehicles	0	98	0	94.3	100	76.9	96.1	97.5	0	100	50	76.2	100	98.5	96.2	66.7	96.4
Trucks	0	31	3	4	0	3	257	33	0	0	2	5	0	1	248	5	592
% Trucks	0	2	100	5.7	0	23.1	3.9	2.5	0	0	50	23.8	0	1.5	3.8	33.3	3.6

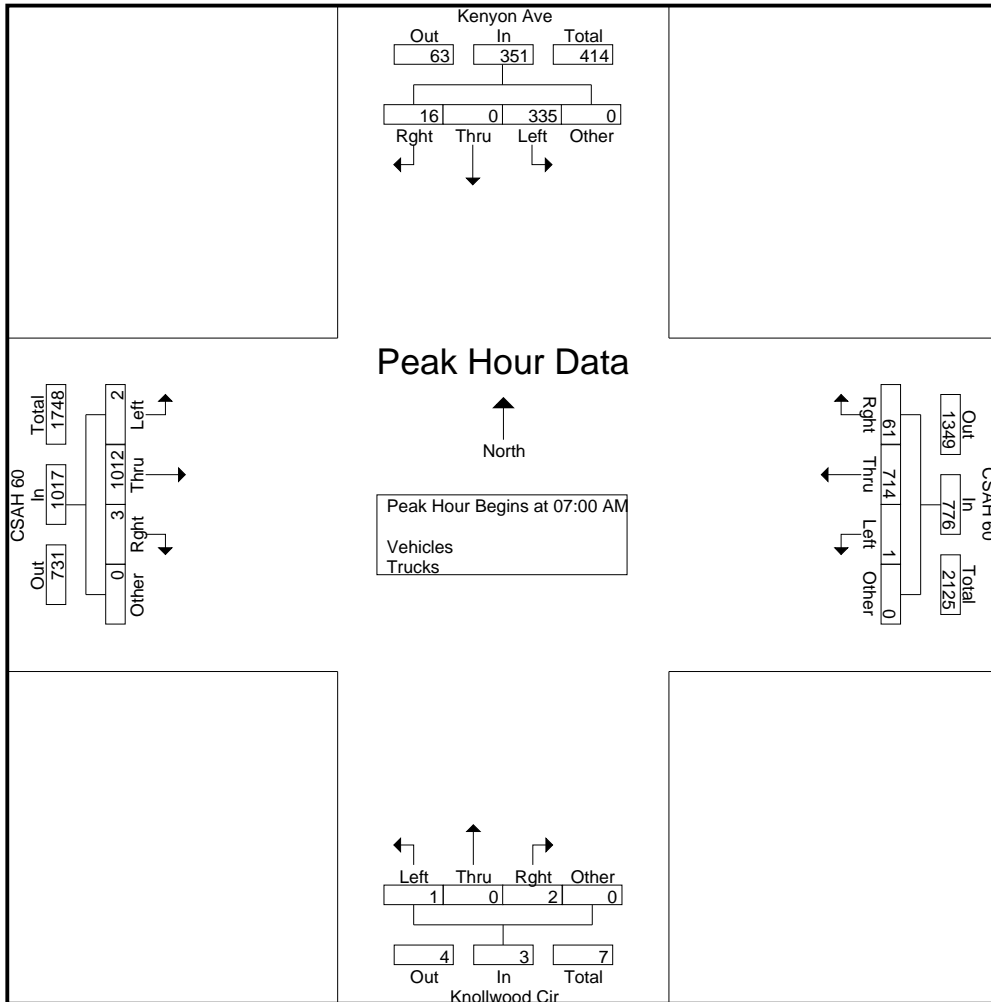
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 Page No : 3

Start Time	Kenyon Ave From North					CSAH 60 From East					Knollwood Cir From South					CSAH 60 From West					Int. Total
	Other	Left	Thru	Right	App. Total	Other	Left	Thru	Right	App. Total	Other	Left	Thru	Right	App. Total	Other	Left	Thru	Right	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	90	0	2	92	0	0	162	12	174	0	0	0	0	0	0	0	279	0	279	545
07:15 AM	0	96	0	2	98	0	1	179	22	202	0	1	0	1	2	0	0	260	1	261	563
07:30 AM	0	75	0	2	77	0	0	207	15	222	0	0	0	1	1	0	0	276	2	278	578
07:45 AM	0	74	0	10	84	0	0	166	12	178	0	0	0	0	0	0	2	197	0	199	461
Total Volume	0	335	0	16	351	0	1	714	61	776	0	1	0	2	3	0	2	1012	3	1017	2147
% App. Total	0	95.4	0	4.6		0	0.1	92	7.9		0	33.3	0	66.7		0	0.2	99.5	0.3		
PHF	.000	.872	.000	.400	.895	.000	.250	.862	.693	.874	.000	.250	.000	.500	.375	.000	.250	.907	.375	.911	.929



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 Page No : 4

Start Time	Kenyon Ave From North					CSAH 60 From East					Knollwood Cir From South					CSAH 60 From West					Int. Total
	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	Other	Left	Thru	Rght	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	44	1	1	46	0	0	263	71	334	0	0	0	0	0	0	4	163	0	167	547
04:45 PM	0	44	0	1	45	0	0	299	77	376	0	0	0	0	0	2	4	188	2	196	617
05:00 PM	0	44	0	0	44	0	1	244	57	302	0	0	0	0	0	0	2	215	0	217	563
05:15 PM	0	31	0	0	31	0	0	280	65	345	0	0	0	0	0	0	3	208	0	211	587
Total Volume	0	163	1	2	166	0	1	1086	270	1357	0	0	0	0	0	2	13	774	2	791	2314
% App. Total	0	98.2	0.6	1.2		0	0.1	80	19.9		0	0	0	0		0.3	1.6	97.9	0.3		
PHF	.000	.926	.250	.500	.902	.000	.250	.908	.877	.902	.000	.000	.000	.000	.000	.250	.813	.900	.250	.911	.938

