

Alliant Engineering, Inc

233 Park Ave Suite 300
 Minneapolis, MN 55415

--TRAFFIC DATA--

CSAH-60 at Kenrick Avenue
 Ref.Pt.: 84.499
 data by : Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 373_CSAH 60 & Kenrick Ave_update TMC
 Site Code : 373
 Start Date : 10/25/2017
 Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Kenrick Ave From North				CSAH 60 From East				Kenrick Ave 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 AM	0	1	0	1	0	1	21	2	0	13	3	10	0	0	13	3	68
05:15 AM	0	1	0	0	0	3	30	0	0	13	2	7	0	0	19	6	81
05:30 AM	0	1	0	2	0	4	43	1	0	22	0	6	0	6	30	4	119
05:45 AM	0	0	0	5	0	9	53	2	0	20	4	9	0	3	28	6	139
Total	0	3	0	8	0	17	147	5	0	68	9	32	0	9	90	19	407
06:00 AM	0	1	1	6	0	5	62	1	0	20	12	10	0	0	44	6	168
06:15 AM	0	2	0	4	0	3	81	3	0	46	5	12	0	5	36	10	207
06:30 AM	0	9	0	6	0	6	101	7	0	53	1	30	0	0	58	8	279
06:45 AM	0	6	0	13	0	5	132	5	0	82	0	28	0	0	87	11	369
Total	0	18	1	29	0	19	376	16	0	201	18	80	0	5	225	35	1023
07:00 AM	0	3	0	10	0	10	121	5	0	73	10	31	0	0	99	14	376
07:15 AM	0	7	0	7	0	7	122	11	0	85	2	44	0	8	78	22	393
07:30 AM	0	9	2	9	0	20	126	9	0	65	8	43	0	0	148	8	447
07:45 AM	0	11	2	6	0	16	106	10	0	45	11	45	0	0	129	16	397
Total	0	30	4	32	0	53	475	35	0	268	31	163	0	8	454	60	1613
08:00 AM	0	6	4	23	0	10	81	10	0	46	13	22	0	0	106	19	340
08:15 AM	0	9	3	14	0	11	86	19	0	42	9	31	0	0	69	16	309
08:30 AM	0	7	6	15	0	4	82	14	0	39	14	22	0	0	86	14	303
08:45 AM	0	14	4	14	0	0	87	16	0	41	11	32	0	10	76	20	325
Total	0	36	17	66	0	25	336	59	0	168	47	107	0	10	337	69	1277
09:00 AM	0	4	4	12	0	3	94	14	0	28	19	30	0	14	91	12	325
09:15 AM	0	9	5	20	0	13	97	19	0	24	13	36	1	7	64	24	332
09:30 AM	0	9	6	13	0	3	76	15	0	44	16	20	0	11	70	18	301
09:45 AM	0	20	2	18	0	18	71	19	0	30	10	21	1	8	72	27	317
Total	0	42	17	63	0	37	338	67	0	126	58	107	2	40	297	81	1275
10:00 AM	0	11	4	15	0	6	69	16	0	33	23	18	0	19	55	27	296
10:15 AM	0	14	8	30	0	14	62	17	0	33	26	26	0	13	61	16	320
10:30 AM	0	16	4	27	0	20	87	20	0	32	19	21	0	13	52	20	331
10:45 AM	0	17	3	29	0	9	68	19	0	32	15	23	0	25	72	15	327
Total	0	58	19	101	0	49	286	72	0	130	83	88	0	70	240	78	1274
11:00 AM	0	20	6	22	0	14	68	19	0	33	15	17	0	19	47	17	297
11:15 AM	0	19	8	31	0	12	68	22	0	19	20	24	0	18	77	8	326
11:30 AM	0	18	4	32	0	12	73	21	0	22	23	30	1	20	60	13	329
11:45 AM	0	17	10	33	0	16	83	20	0	29	18	21	0	22	79	15	363
Total	0	74	28	118	0	54	292	82	0	103	76	92	1	79	263	53	1315
12:00 PM	0	24	9	34	0	16	65	21	0	33	24	25	0	24	95	16	386
12:15 PM	0	16	14	33	0	15	64	18	0	29	22	20	0	28	69	17	345
12:30 PM	0	22	11	31	0	18	71	27	0	32	21	30	0	25	77	24	389
12:45 PM	0	25	13	32	0	26	66	8	0	36	19	23	2	26	60	22	358
Total	0	87	47	130	0	75	266	74	0	130	86	98	2	103	301	79	1478
01:00 PM	0	18	12	31	0	22	87	27	0	23	22	25	0	21	85	21	394
01:15 PM	0	23	6	27	0	14	68	21	0	36	20	29	0	13	77	15	349
01:30 PM	0	23	8	42	0	19	93	28	0	35	14	28	0	24	63	16	393
01:45 PM	0	15	6	35	0	11	85	12	0	36	6	42	2	23	81	11	365
Total	0	79	32	135	0	66	333	88	0	130	62	124	2	81	306	63	1501
02:00 PM	0	24	8	16	0	29	111	27	0	33	16	23	1	21	87	20	416
02:15 PM	0	21	6	29	0	28	86	16	0	33	12	12	0	28	83	14	368
02:30 PM	0	31	6	25	0	18	95	15	0	34	15	16	0	29	112	14	410
02:45 PM	0	20	13	23	0	17	108	26	0	35	29	39	0	34	113	25	482
Total	0	96	33	93	0	92	400	84	0	135	72	90	1	112	395	73	1676

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File Name : 373_CSAH 60 & Kenrick Ave_update TMC
 Site Code : 373
 Start Date : 10/25/2017
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Groups Printed- Vehicles - Trucks

Start Time	Kenrick Ave From North				CSAH 60 From East				Kenrick Ave From South				CSAH 60 From West				Int. Total
	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	
03:00 PM	0	25	8	21	0	22	90	22	0	35	21	30	0	34	138	21	467
03:15 PM	0	25	14	30	0	28	116	19	0	36	18	27	0	24	134	23	494
03:30 PM	0	22	9	35	0	19	105	17	0	36	18	41	0	31	143	13	489
03:45 PM	0	21	10	29	0	25	107	19	0	43	30	37	0	31	201	33	586
Total	0	93	41	115	0	94	418	77	0	150	87	135	0	120	616	90	2036
04:00 PM	0	28	7	23	0	25	137	30	0	35	25	24	0	38	172	21	565
04:15 PM	0	28	10	33	0	29	135	26	0	59	28	26	0	43	167	39	623
04:30 PM	0	29	10	43	0	26	136	27	0	41	40	28	0	47	159	23	609
04:45 PM	0	33	10	42	0	26	139	31	0	44	28	42	0	39	180	29	643
Total	0	118	37	141	0	106	547	114	0	179	121	120	0	167	678	112	2440
05:00 PM	0	39	8	37	0	26	103	26	0	48	28	45	0	43	170	32	605
05:15 PM	0	26	10	35	0	40	142	36	0	42	24	47	0	51	156	35	644
05:30 PM	0	29	11	36	0	21	123	24	0	38	29	28	0	40	151	21	551
05:45 PM	0	32	18	36	0	28	114	27	0	42	26	45	0	35	172	35	610
Total	0	126	47	144	0	115	482	113	0	170	107	165	0	169	649	123	2410
06:00 PM	0	29	18	23	0	28	113	26	0	48	18	48	0	30	144	23	548
06:15 PM	0	30	8	27	0	30	114	30	0	38	11	37	0	40	115	23	503
06:30 PM	0	29	14	40	0	24	117	19	0	43	15	43	0	30	122	35	531
06:45 PM	0	15	12	33	0	19	92	22	0	42	17	32	0	32	108	26	450
Total	0	103	52	123	0	101	436	97	0	171	61	160	0	132	489	107	2032
07:00 PM	0	29	13	27	0	26	89	30	0	37	11	28	0	26	79	22	417
07:15 PM	0	17	8	26	0	29	60	13	0	27	12	20	0	26	71	32	341
07:30 PM	0	19	12	17	0	23	66	18	0	22	9	17	0	23	68	14	308
07:45 PM	0	22	5	21	0	18	77	16	0	24	10	34	0	23	65	19	334
Total	0	87	38	91	0	96	292	77	0	110	42	99	0	98	283	87	1400
08:00 PM	0	12	11	20	0	17	74	15	0	19	12	23	0	18	59	24	304
08:15 PM	0	26	8	17	0	15	72	15	0	14	8	15	0	15	47	20	272
08:30 PM	0	18	10	18	0	12	66	19	0	26	9	18	0	16	50	31	293
08:45 PM	0	8	4	21	0	12	61	7	0	18	8	16	0	16	58	26	255
Total	0	64	33	76	0	56	273	56	0	77	37	72	0	65	214	101	1124
09:00 PM	0	18	7	19	0	9	49	6	0	19	4	16	1	8	53	14	223
09:15 PM	0	8	4	24	0	14	59	5	0	17	2	7	1	13	47	20	221
09:30 PM	0	8	4	7	0	12	32	11	0	14	6	13	0	7	35	16	165
09:45 PM	0	17	2	16	0	6	31	11	0	17	4	10	0	7	30	14	165
Total	0	51	17	66	0	41	171	33	0	67	16	46	2	35	165	64	774
Grand Total	0	1165	463	1531	0	1096	5868	1149	0	2383	1013	1778	10	1303	6002	1294	25055
Apprch %	0	36.9	14.7	48.5	0	13.5	72.3	14.2	0	46.1	19.6	34.4	0.1	15.1	69.7	15	
Total %	0	4.6	1.8	6.1	0	4.4	23.4	4.6	0	9.5	4	7.1	0	5.2	24	5.2	
Vehicles	0	1151	463	1518	0	1052	5689	1146	0	2227	998	1710	10	1295	5826	1268	24353
% Vehicles	0	98.8	100	99.2	0	96	96.9	99.7	0	93.5	98.5	96.2	100	99.4	97.1	98	97.2
Trucks	0	14	0	13	0	44	179	3	0	156	15	68	0	8	176	26	702
% Trucks	0	1.2	0	0.8	0	4	3.1	0.3	0	6.5	1.5	3.8	0	0.6	2.9	2	2.8

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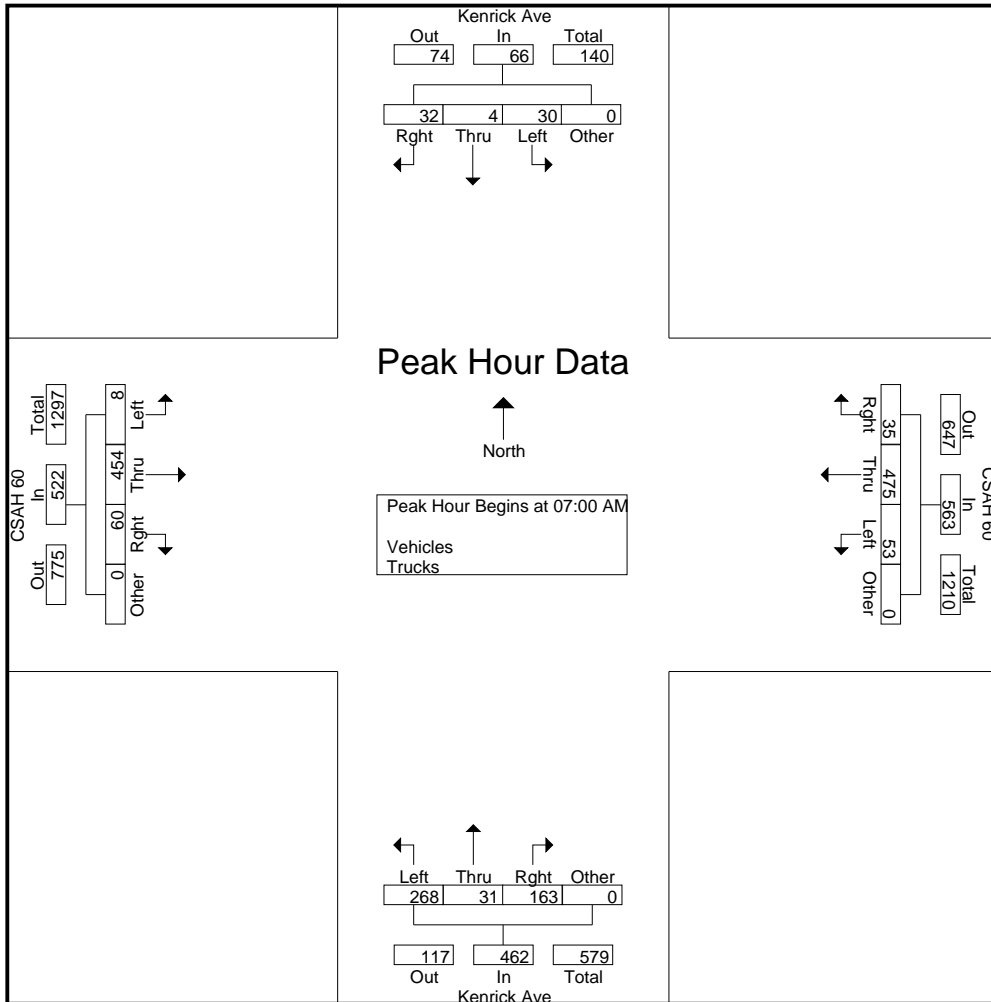
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 Site Code : 373
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Start Time	Kenrick Ave From North					CSAH 60 From East					Kenrick Ave From South					CSAH 60 From West					Int. Total
	Other	Left	Thru	Right	App. Total	Other	Left	Thru	Right	App. Total	Other	Left	Thru	Right	App. Total	Other	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	3	0	10	13	0	10	121	5	136	0	73	10	31	114	0	0	99	14	113	376
07:15 AM	0	7	0	7	14	0	7	122	11	140	0	85	2	44	131	0	8	78	22	108	393
07:30 AM	0	9	2	9	20	0	20	126	9	155	0	65	8	43	116	0	0	148	8	156	447
07:45 AM	0	11	2	6	19	0	16	106	10	132	0	45	11	45	101	0	0	129	16	145	397
Total Volume	0	30	4	32	66	0	53	475	35	563	0	268	31	163	462	0	8	454	60	522	1613
% App. Total	0	45.5	6.1	48.5		0	9.4	84.4	6.2		0	58	6.7	35.3		0	1.5	87	11.5		
PHF	.000	.682	.500	.800	.825	.000	.663	.942	.795	.908	.000	.788	.705	.906	.882	.000	.250	.767	.682	.837	.902



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File Name : 373_CSAH 60 & Kenrick Ave_update TMC
 Site Code : 373
 Start Date : 10/25/2017
 Page No : 4

Start Time	Kenrick Ave From North					CSAH 60 From East					Kenrick Ave 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 09:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	29	10	43	82	0	26	136	27	189	0	41	40	28	109	0	47	159	23	229	609
04:45 PM	0	33	10	42	85	0	26	139	31	196	0	44	28	42	114	0	39	180	29	248	643
05:00 PM	0	39	8	37	84	0	26	103	26	155	0	48	28	45	121	0	43	170	32	245	605
05:15 PM	0	26	10	35	71	0	40	142	36	218	0	42	24	47	113	0	51	156	35	242	644
Total Volume	0	127	38	157	322	0	118	520	120	758	0	175	120	162	457	0	180	665	119	964	2501
% App. Total	0	39.4	11.8	48.8		0	15.6	68.6	15.8		0	38.3	26.3	35.4		0	18.7	69	12.3		
PHF	.000	.814	.950	.913	.947	.000	.738	.915	.833	.869	.000	.911	.750	.862	.944	.000	.882	.924	.850	.972	.971

