

ALLIANT ENGINEERING INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

TH 61 & Hwy 96-CR G (Lake Ave)
 Ref Pt: 146+00.720
 data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 515_TH 61 and Hwy 96-County Road G (Lake Avenue)
 Site Code : 1735493
 Start Date : 11/7/2019
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					Lake Ave Westbound					TH 61 Northbound					Hwy 96-CR G Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	31	164	0	0	195	0	4	10	0	14	0	60	24	0	84	18	0	12	0	30	323
06:15 AM	52	259	0	0	311	0	1	18	0	19	0	62	25	1	88	24	0	20	0	44	462
06:30 AM	53	306	0	0	359	1	7	21	0	29	0	136	21	0	157	44	0	43	0	87	632
06:45 AM	74	366	0	0	440	0	3	22	0	25	0	124	28	2	154	51	0	32	2	85	704
Total	210	1095	0	0	1305	1	15	71	0	87	0	382	98	3	483	137	0	107	2	246	2121
07:00 AM	58	391	0	0	449	0	5	25	0	30	0	135	33	0	168	43	0	38	0	81	728
07:15 AM	67	471	0	0	538	0	16	26	0	42	0	183	43	1	227	52	0	47	0	99	906
07:30 AM	69	520	0	0	589	0	16	29	2	47	0	109	32	4	145	65	0	44	2	111	892
07:45 AM	66	353	0	0	419	0	15	31	1	47	0	162	57	2	221	56	0	39	0	95	782
Total	260	1735	0	0	1995	0	52	111	3	166	0	589	165	7	761	216	0	168	2	386	3308
08:00 AM	58	297	0	0	355	1	11	21	0	33	0	167	50	0	217	44	0	41	0	85	690
08:15 AM	72	280	0	0	352	0	11	27	0	38	0	146	50	0	196	50	0	52	0	102	688
08:30 AM	53	201	0	0	254	0	14	24	0	38	0	135	54	0	189	27	0	61	0	88	569
08:45 AM	63	286	0	0	349	0	10	18	0	28	0	160	52	0	212	38	0	48	0	86	675
Total	246	1064	0	0	1310	1	46	90	0	137	0	608	206	0	814	159	0	202	0	361	2622
09:00 AM	70	205	0	0	275	3	6	37	2	48	0	188	38	0	226	56	0	70	0	126	675
09:15 AM	70	238	0	0	308	0	16	20	0	36	0	178	45	0	223	44	0	50	0	94	661
*** BREAK ***																					
Total	140	443	0	0	583	3	22	57	2	84	0	366	83	0	449	100	0	120	0	220	1336
*** BREAK ***																					
10:30 AM	44	184	0	0	228	4	13	26	2	45	0	172	36	1	209	51	0	71	1	123	605
10:45 AM	50	176	0	0	226	0	9	42	0	51	0	198	51	0	249	55	0	75	0	130	656
Total	94	360	0	0	454	4	22	68	2	96	0	370	87	1	458	106	0	146	1	253	1261
11:00 AM	53	189	0	0	242	1	12	27	0	40	0	201	44	2	247	44	0	73	2	119	648
11:15 AM	62	186	0	0	248	0	13	32	0	45	0	204	69	0	273	42	0	63	0	105	671
11:30 AM	62	209	0	0	271	5	11	39	1	56	0	209	46	0	255	55	0	79	0	134	716
11:45 AM	49	203	0	0	252	1	16	28	0	45	0	210	62	2	274	63	0	82	2	147	718
Total	226	787	0	0	1013	7	52	126	1	186	0	824	221	4	1049	204	0	297	4	505	2753
12:00 PM	62	199	0	0	261	0	13	43	0	56	0	213	68	0	281	56	0	54	0	110	708
12:15 PM	49	220	0	0	269	1	12	36	0	49	0	220	55	0	275	61	0	85	0	146	739
12:30 PM	62	192	0	0	254	4	16	36	0	56	0	252	56	0	308	54	0	95	0	149	767
12:45 PM	51	201	0	0	252	1	22	37	1	61	0	244	61	0	305	62	0	77	0	139	757
Total	224	812	0	0	1036	6	63	152	1	222	0	929	240	0	1169	233	0	311	0	544	2971
01:00 PM	56	183	0	0	239	2	27	33	0	62	0	232	63	0	295	68	0	83	0	151	747
01:15 PM	53	158	0	0	211	1	17	26	0	44	0	217	49	0	266	54	0	85	0	139	660
*** BREAK ***																					
Total	109	341	0	0	450	3	44	59	0	106	0	449	112	0	561	122	0	168	0	290	1407
*** BREAK ***																					
02:30 PM	42	218	0	0	260	2	17	34	0	53	0	278	54	0	332	57	0	90	0	147	792
02:45 PM	57	181	0	0	238	0	12	42	0	54	0	439	83	0	522	62	0	106	0	168	982
Total	99	399	0	0	498	2	29	76	0	107	0	717	137	0	854	119	0	196	0	315	1774
03:00 PM	55	224	0	0	279	0	14	31	0	45	0	355	78	0	433	62	0	122	0	184	941
03:15 PM	55	245	0	0	300	1	15	24	1	41	0	327	75	1	403	57	0	100	2	159	903
03:30 PM	49	196	0	0	245	2	21	31	0	54	0	352	71	0	423	69	0	125	0	194	916

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Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					Lake Ave Westbound					TH 61 Northbound					Hwy 96-CR G Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:45 PM	53	239	0	0	292	3	16	18	0	37	0	412	76	0	488	76	0	132	0	208	1025
Total	212	904	0	0	1116	6	66	104	1	177	0	1446	300	1	1747	264	0	479	2	745	3785
04:00 PM	49	210	0	0	259	2	11	29	0	42	0	405	78	0	483	60	0	111	0	171	955
04:15 PM	43	209	0	0	252	2	17	34	1	54	0	377	90	2	469	66	0	143	0	209	984
04:30 PM	47	211	0	0	258	2	19	31	1	53	0	400	60	0	460	71	0	139	1	211	982
04:45 PM	57	247	0	0	304	4	23	31	0	58	0	394	72	2	468	62	0	146	0	208	1038
Total	196	877	0	0	1073	10	70	125	2	207	0	1576	300	4	1880	259	0	539	1	799	3959
05:00 PM	67	243	0	0	310	3	20	33	0	56	0	373	82	2	457	62	0	149	0	211	1034
05:15 PM	63	232	0	0	295	3	15	38	0	56	0	410	86	0	496	68	0	166	0	234	1081
05:30 PM	59	235	0	0	294	4	19	37	0	60	0	357	73	0	430	60	0	149	0	209	993
05:45 PM	68	240	0	0	308	0	10	24	0	34	0	327	61	1	389	65	0	132	0	197	928
Total	257	950	0	0	1207	10	64	132	0	206	0	1467	302	3	1772	255	0	596	0	851	4036
Grand Total	2273	9767	0	0	12040	53	545	1171	12	1781	0	9723	2251	23	11997	2174	0	3329	12	5515	31333
Apprch %	18.9	81.1	0	0		3	30.6	65.7	0.7		0	81	18.8	0.2		39.4	0	60.4	0.2		
Total %	7.3	31.2	0	0	38.4	0.2	1.7	3.7	0	5.7	0	31	7.2	0.1	38.3	6.9	0	10.6	0	17.6	
Cars	2200	9471	0	0	11671	53	537	1155	12	1757	0	9405	2174	19	11598	2098	0	3248	10	5356	30382
% Cars	96.8	97	0	0	96.9	100	98.5	98.6	100	98.7	0	96.7	96.6	82.6	96.7	96.5	0	97.6	83.3	97.1	97
Trucks	73	296	0	0	369	0	8	16	0	24	0	318	77	4	399	76	0	81	2	159	951
% Trucks	3.2	3	0	0	3.1	0	1.5	1.4	0	1.3	0	3.3	3.4	17.4	3.3	3.5	0	2.4	16.7	2.9	3

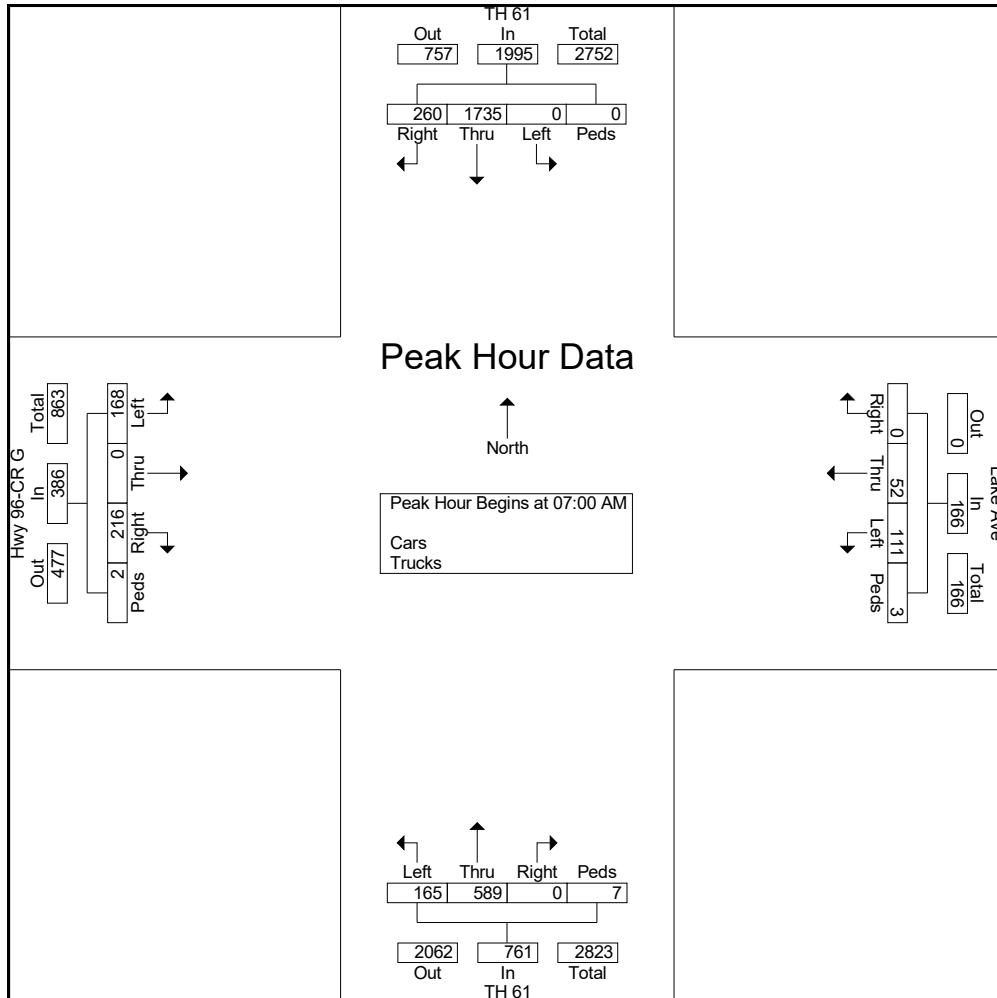
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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	58	391	0	0	449	0	5	25	0	30	0	135	33	0	168	43	0	38	0	81	728
07:15 AM	67	471	0	0	538	0	16	26	0	42	0	183	43	1	227	52	0	47	0	99	906
07:30 AM	69	520	0	0	589	0	16	29	2	47	0	109	32	4	145	65	0	44	2	111	892
07:45 AM	66	353	0	0	419	0	15	31	1	47	0	162	57	2	221	56	0	39	0	95	782
Total Volume	260	1735	0	0	1995	0	52	111	3	166	0	589	165	7	761	216	0	168	2	386	3308
% App. Total	13	87	0	0		0	31.3	66.9	1.8		0	77.4	21.7	0.9		56	0	43.5	0.5		
PHF	.942	.834	.000	.000	.847	.000	.813	.895	.375	.883	.000	.805	.724	.438	.838	.831	.000	.894	.250	.869	.913



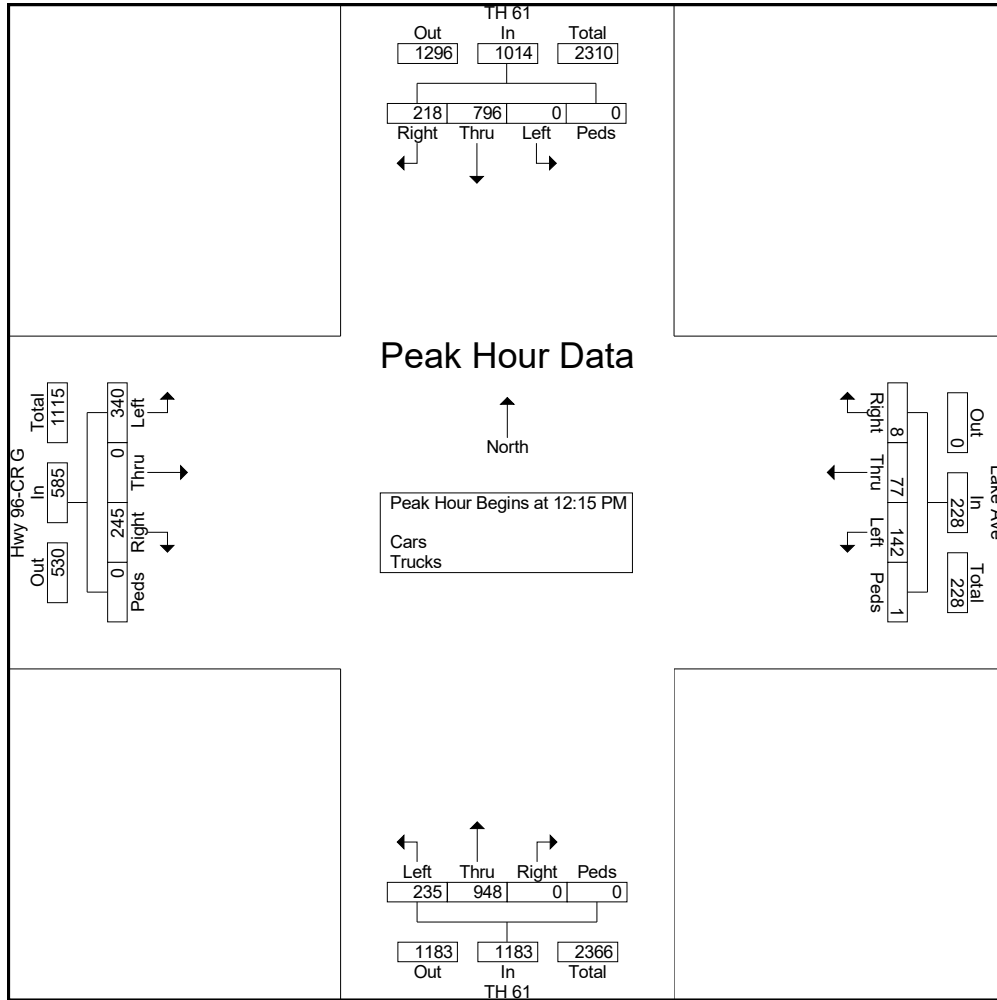
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Start Time	TH 61 Southbound					Lake Ave Westbound					TH 61 Northbound					Hwy 96-CR G Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:15 PM																					
12:15 PM	49	220	0	0	269	1	12	36	0	49	0	220	55	0	275	61	0	85	0	146	739
12:30 PM	62	192	0	0	254	4	16	36	0	56	0	252	56	0	308	54	0	95	0	149	767
12:45 PM	51	201	0	0	252	1	22	37	1	61	0	244	61	0	305	62	0	77	0	139	757
01:00 PM	56	183	0	0	239	2	27	33	0	62	0	232	63	0	295	68	0	83	0	151	747
Total Volume	218	796	0	0	1014	8	77	142	1	228	0	948	235	0	1183	245	0	340	0	585	3010
% App. Total	21.5	78.5	0	0		3.5	33.8	62.3	0.4		0	80.1	19.9	0		41.9	0	58.1	0		
PHF	.879	.905	.000	.000	.942	.500	.713	.959	.250	.919	.000	.940	.933	.000	.960	.901	.000	.895	.000	.969	.981



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 Page No : 5

Start Time	TH 61 Southbound					Lake Ave Westbound					TH 61 Northbound					Hwy 96-CR G Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	57	247	0	0	304	4	23	31	0	58	0	394	72	2	468	62	0	146	0	208	1038
05:00 PM	67	243	0	0	310	3	20	33	0	56	0	373	82	2	457	62	0	149	0	211	1034
05:15 PM	63	232	0	0	295	3	15	38	0	56	0	410	86	0	496	68	0	166	0	234	1081
05:30 PM	59	235	0	0	294	4	19	37	0	60	0	357	73	0	430	60	0	149	0	209	993
Total Volume	246	957	0	0	1203	14	77	139	0	230	0	1534	313	4	1851	252	0	610	0	862	4146
% App. Total	20.4	79.6	0	0		6.1	33.5	60.4	0		0	82.9	16.9	0.2		29.2	0	70.8	0		
PHF	.918	.969	.000	.000	.970	.875	.837	.914	.000	.958	.000	.935	.910	.500	.933	.926	.000	.919	.000	.921	.959

