

ALLIANT ENGINEERING INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

TH 61 & I-694 S Ramp
 Ref Pt: 48+00.515
 data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 507_TH 61 and I-694 South Ramp
 Site Code : 1735874
 Start Date : 11/12/2019
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					I-694 S Ramp Westbound					TH 61 Northbound					I-694 S Ramp 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	0	75	27	0	102	0	0	0	0	0	13	59	0	0	72	83	0	32	0	115	289
06:15 AM	0	137	41	0	178	0	0	0	0	0	7	84	0	0	91	85	0	32	0	117	386
06:30 AM	0	223	37	0	260	0	0	0	0	0	15	85	0	0	100	124	0	37	0	161	521
06:45 AM	0	265	46	0	311	0	0	0	0	0	14	113	0	0	127	135	12	49	0	196	634
Total	0	700	151	0	851	0	0	0	0	0	49	341	0	0	390	427	12	150	0	589	1830
07:00 AM	0	236	58	0	294	0	0	0	0	0	18	116	0	0	134	135	0	56	0	191	619
07:15 AM	0	318	43	0	361	0	0	0	0	0	34	155	0	0	189	166	0	72	0	238	788
07:30 AM	0	265	54	0	319	0	0	0	0	0	33	162	0	0	195	158	9	52	2	221	735
07:45 AM	0	291	37	0	328	0	0	0	0	0	18	158	0	0	176	129	0	63	0	192	696
Total	0	1110	192	0	1302	0	0	0	0	0	103	591	0	0	694	588	9	243	2	842	2838
08:00 AM	0	238	46	0	284	0	0	0	0	0	15	178	0	0	193	108	0	76	0	184	661
08:15 AM	0	223	51	0	274	0	0	0	0	0	27	156	0	0	183	100	0	73	0	173	630
08:30 AM	0	168	39	0	207	0	0	0	0	0	18	175	0	0	193	121	0	69	0	190	590
08:45 AM	0	192	42	0	234	0	0	0	0	0	10	175	0	0	185	96	0	80	0	176	595
Total	0	821	178	0	999	0	0	0	0	0	70	684	0	0	754	425	0	298	0	723	2476
09:00 AM	0	158	38	0	196	0	0	0	0	0	27	135	0	0	162	102	0	69	0	171	529
09:15 AM	0	153	40	0	193	0	0	0	0	0	14	127	0	0	141	90	0	62	0	152	486
*** BREAK ***																					
Total	0	311	78	0	389	0	0	0	0	0	41	262	0	0	303	192	0	131	0	323	1015
*** BREAK ***																					
10:30 AM	0	167	45	0	212	0	0	0	0	0	22	201	0	0	223	116	0	63	0	179	614
10:45 AM	0	167	43	0	210	0	0	0	0	0	21	219	0	0	240	90	0	87	0	177	627
Total	0	334	88	0	422	0	0	0	0	0	43	420	0	0	463	206	0	150	0	356	1241
11:00 AM	0	174	49	0	223	0	0	0	0	0	27	222	0	0	249	99	0	72	0	171	643
11:15 AM	0	172	61	0	233	0	0	0	0	0	34	248	0	0	282	97	1	51	0	149	664
11:30 AM	0	198	56	0	254	0	0	0	0	0	37	267	0	0	304	98	0	56	0	154	712
11:45 AM	0	156	43	0	199	0	0	0	0	0	29	272	0	0	301	88	0	83	0	171	671
Total	0	700	209	0	909	0	0	0	0	0	127	1009	0	0	1136	382	1	262	0	645	2690
12:00 PM	0	174	37	0	211	0	0	0	0	0	17	233	0	0	250	101	0	60	0	161	622
12:15 PM	0	180	48	0	228	0	0	0	0	0	36	258	0	0	294	97	0	67	0	164	686
12:30 PM	0	192	33	0	225	0	0	0	0	0	34	268	0	0	302	121	0	64	0	185	712
12:45 PM	0	144	48	0	192	0	0	0	0	0	31	260	0	0	291	105	0	63	0	168	651
Total	0	690	166	0	856	0	0	0	0	0	118	1019	0	0	1137	424	0	254	0	678	2671
01:00 PM	0	142	50	0	192	0	0	0	0	0	29	251	0	0	280	71	0	55	0	126	598
01:15 PM	0	146	37	0	183	0	0	0	0	0	25	285	0	0	310	97	0	69	0	166	659
*** BREAK ***																					
Total	0	288	87	0	375	0	0	0	0	0	54	536	0	0	590	168	0	124	0	292	1257
*** BREAK ***																					
02:30 PM	0	179	44	0	223	0	0	0	0	0	44	311	0	0	355	92	0	77	0	169	747
02:45 PM	0	199	37	0	236	0	0	0	0	0	45	354	0	0	399	105	0	79	0	184	819
Total	0	378	81	0	459	0	0	0	0	0	89	665	0	0	754	197	0	156	0	353	1566
03:00 PM	0	182	55	0	237	0	0	0	0	0	44	390	0	0	434	112	0	69	0	181	852
03:15 PM	0	209	57	0	266	0	0	0	0	0	41	354	0	0	395	93	1	61	0	155	816
03:30 PM	0	202	66	0	268	0	0	0	0	0	50	348	0	0	398	90	1	82	0	173	839

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Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					I-694 S Ramp Westbound					TH 61 Northbound					I-694 S Ramp 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	0	212	66	0	278	0	0	0	0	0	40	339	0	0	379	71	0	62	0	133	790
Total	0	805	244	0	1049	0	0	0	0	0	175	1431	0	0	1606	366	2	274	0	642	3297
04:00 PM	0	203	51	0	254	0	0	0	0	0	36	414	0	0	450	35	0	57	0	92	796
04:15 PM	0	213	77	0	290	0	0	0	0	0	46	418	0	0	464	50	0	51	0	101	855
04:30 PM	0	227	66	0	293	0	0	0	0	0	49	412	0	0	461	78	0	62	0	140	894
04:45 PM	0	225	62	0	287	0	0	0	0	0	38	425	0	0	463	107	0	64	0	171	921
Total	0	868	256	0	1124	0	0	0	0	0	169	1669	0	0	1838	270	0	234	0	504	3466
05:00 PM	0	180	59	0	239	0	0	0	0	0	50	405	0	0	455	70	0	75	0	145	839
05:15 PM	0	187	58	0	245	0	0	0	0	0	49	386	0	0	435	73	0	57	0	130	810
05:30 PM	0	163	42	0	205	0	0	0	0	0	34	379	0	0	413	79	0	65	0	144	762
05:45 PM	0	135	36	0	171	0	0	0	0	0	32	318	0	0	350	76	0	73	0	149	670
Total	0	665	195	0	860	0	0	0	0	0	165	1488	0	0	1653	298	0	270	0	568	3081
Grand Total	0	7670	1925	0	9595	0	0	0	0	0	1203	10115	0	0	11318	3943	24	2546	2	6515	27428
Apprch %	0	79.9	20.1	0		0	0	0	0		10.6	89.4	0	0		60.5	0.4	39.1	0		
Total %	0	28	7	0	35	0	0	0	0	0	4.4	36.9	0	0	41.3	14.4	0.1	9.3	0	23.8	
Cars	0	7566	1841	0	9407	0	0	0	0	0	1174	9940	0	0	11114	3860	24	2436	2	6322	26843
% Cars	0	98.6	95.6	0	98	0	0	0	0	0	97.6	98.3	0	0	98.2	97.9	100	95.7	100	97	97.9
Trucks	0	104	84	0	188	0	0	0	0	0	29	175	0	0	204	83	0	110	0	193	585
% Trucks	0	1.4	4.4	0	2	0	0	0	0	0	2.4	1.7	0	0	1.8	2.1	0	4.3	0	3	2.1

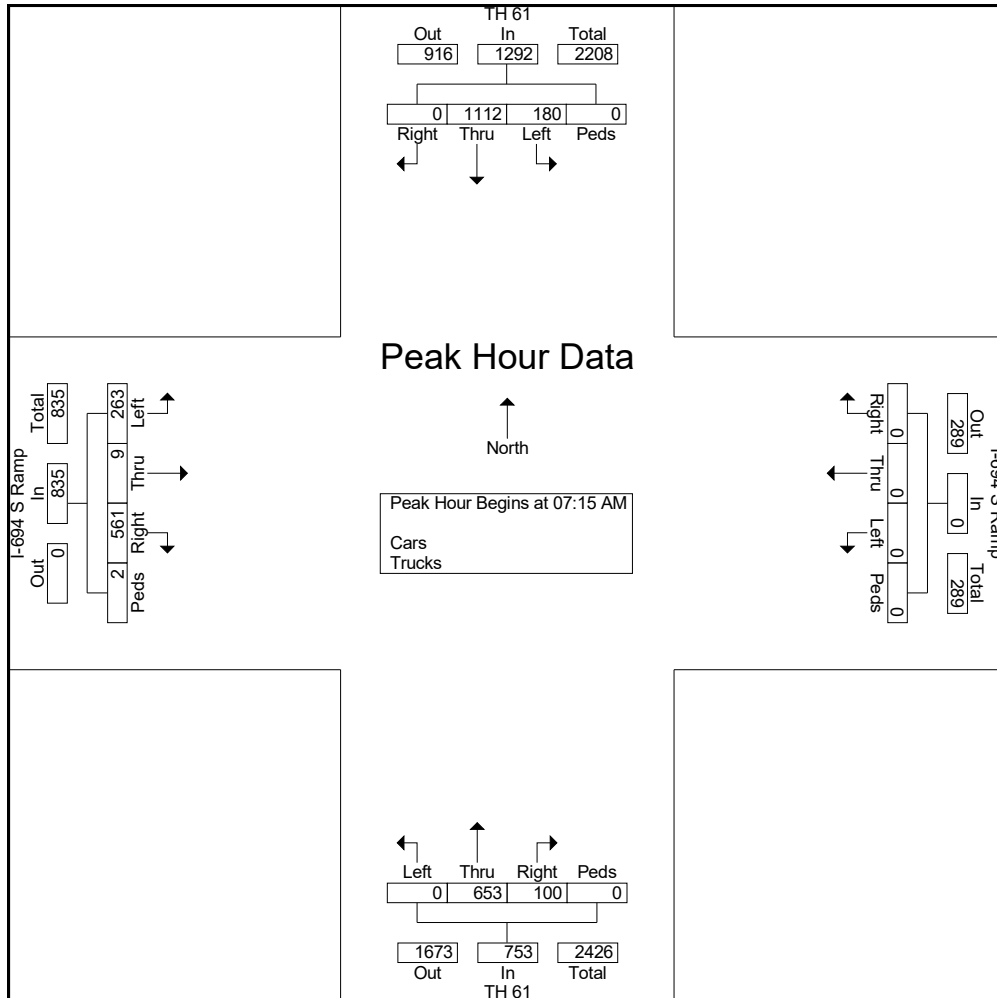
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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	318	43	0	361	0	0	0	0	0	34	155	0	0	189	166	0	72	0	238	788
07:30 AM	0	265	54	0	319	0	0	0	0	0	33	162	0	0	195	158	9	52	2	221	735
07:45 AM	0	291	37	0	328	0	0	0	0	0	18	158	0	0	176	129	0	63	0	192	696
08:00 AM	0	238	46	0	284	0	0	0	0	0	15	178	0	0	193	108	0	76	0	184	661
Total Volume	0	1112	180	0	1292	0	0	0	0	0	100	653	0	0	753	561	9	263	2	835	2880
% App. Total	0	86.1	13.9	0		0	0	0	0		13.3	86.7	0	0		67.2	1.1	31.5	0.2		
PHF	.000	.874	.833	.000	.895	.000	.000	.000	.000	.000	.735	.917	.000	.000	.965	.845	.250	.865	.250	.877	.914



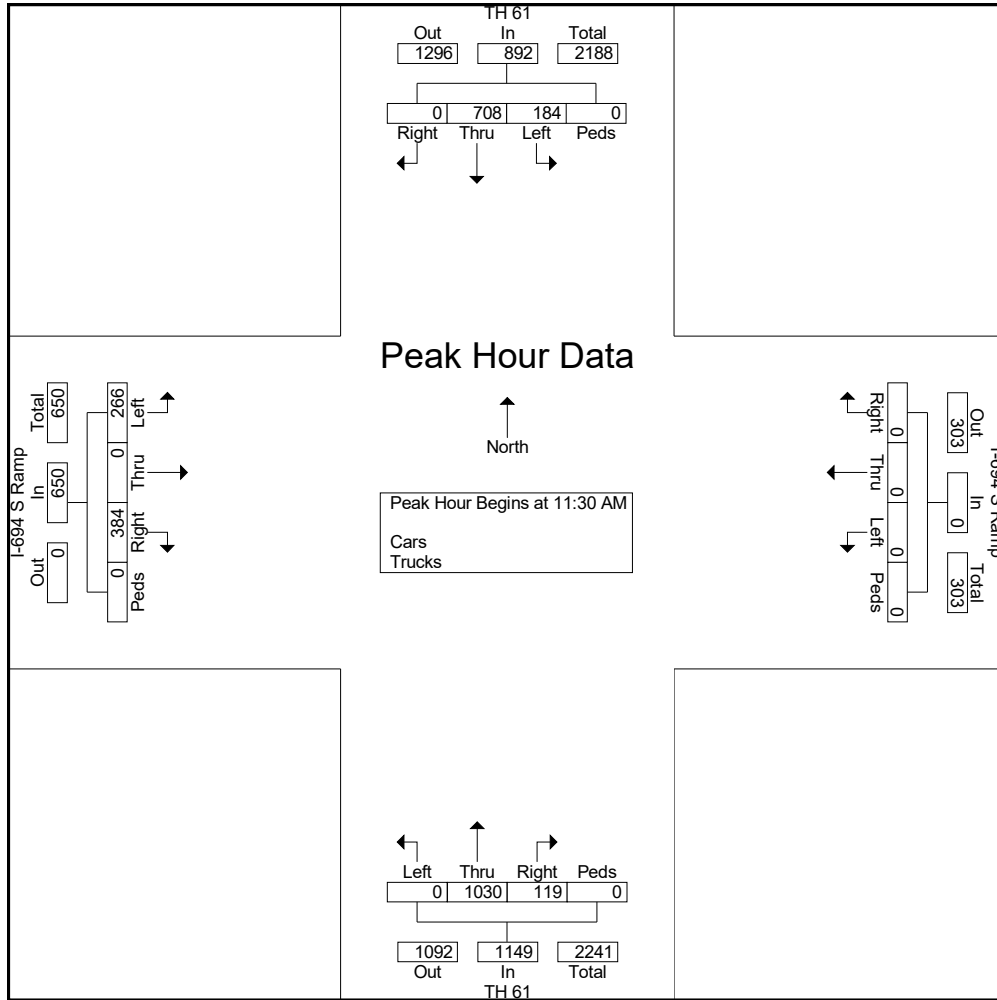
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Start Time	TH 61 Southbound					I-694 S Ramp Westbound					TH 61 Northbound					I-694 S Ramp Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	198	56	0	254	0	0	0	0	0	37	267	0	0	304	98	0	56	0	154	712
11:45 AM	0	156	43	0	199	0	0	0	0	0	29	272	0	0	301	88	0	83	0	171	671
12:00 PM	0	174	37	0	211	0	0	0	0	0	17	233	0	0	250	101	0	60	0	161	622
12:15 PM	0	180	48	0	228	0	0	0	0	0	36	258	0	0	294	97	0	67	0	164	686
Total Volume	0	708	184	0	892	0	0	0	0	0	119	1030	0	0	1149	384	0	266	0	650	2691
% App. Total	0	79.4	20.6	0		0	0	0	0	0	10.4	89.6	0	0		59.1	0	40.9	0		
PHF	.000	.894	.821	.000	.878	.000	.000	.000	.000	.000	.804	.947	.000	.000	.945	.950	.000	.801	.000	.950	.945



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File Name : 507_TH 61 and I-694 South Ramp
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 Page No : 5

Start Time	TH 61 Southbound					I-694 S Ramp Westbound					TH 61 Northbound					I-694 S Ramp 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 04:15 PM																					
04:15 PM	0	213	77	0	290	0	0	0	0	0	46	418	0	0	464	50	0	51	0	101	855
04:30 PM	0	227	66	0	293	0	0	0	0	0	49	412	0	0	461	78	0	62	0	140	894
04:45 PM	0	225	62	0	287	0	0	0	0	0	38	425	0	0	463	107	0	64	0	171	921
05:00 PM	0	180	59	0	239	0	0	0	0	0	50	405	0	0	455	70	0	75	0	145	839
Total Volume	0	845	264	0	1109	0	0	0	0	0	183	1660	0	0	1843	305	0	252	0	557	3509
% App. Total	0	76.2	23.8	0		0	0	0	0		9.9	90.1	0	0		54.8	0	45.2	0		
PHF	.000	.931	.857	.000	.946	.000	.000	.000	.000	.000	.915	.976	.000	.000	.993	.713	.000	.840	.000	.814	.952

