

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at I-694, south ramps
 Ref.Pt.: 007.608 (TH-47)
 Data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 14 - TH 47 & I-694 South Ramp
 Site Code : 14
 Start Date : 2/27/2013
 Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					ramp to EB I-694 Westbound					TH-47 Northbound					ramp from EB I-694 Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
06:00	0	105	23	0	0	0	0	0	0	0	14	70	0	0	0	29	1	48	0	0	290
06:15	0	151	37	0	0	0	0	0	0	0	32	77	0	0	0	64	0	58	0	0	419
06:30	0	193	56	0	0	0	0	0	0	0	42	161	0	0	0	49	0	81	0	0	582
06:45	0	189	44	0	0	0	0	0	0	0	30	100	0	0	0	90	0	104	0	0	557
Total	0	638	160	0	0	0	0	0	0	0	118	408	0	0	0	232	1	291	0	0	1848
07:00	0	189	42	0	0	0	0	0	0	0	41	125	0	0	0	74	0	93	0	0	564
07:15	0	227	71	0	0	0	0	0	0	0	46	136	0	0	0	87	1	107	0	0	675
07:30	0	246	65	0	0	0	0	0	0	0	52	124	0	0	0	97	0	112	0	0	696
07:45	0	221	46	0	0	0	0	0	0	0	41	141	0	0	0	105	0	108	0	0	662
Total	0	883	224	0	0	0	0	0	0	0	180	526	0	0	0	363	1	420	0	0	2597
08:00	0	182	43	0	0	0	0	0	0	0	29	137	0	0	0	68	0	89	0	0	548
08:15	0	160	46	0	0	0	0	0	0	0	33	114	3	0	0	58	0	131	0	0	545
08:30	0	135	44	0	0	0	0	0	0	0	33	112	0	0	0	49	0	96	0	0	469
08:45	0	105	41	0	0	0	0	0	0	0	28	109	0	0	0	72	0	81	0	0	436
Total	0	582	174	0	0	0	0	0	0	0	123	472	3	0	0	247	0	397	0	0	1998
09:00	0	115	40	0	0	0	0	0	0	0	31	100	0	0	0	57	0	81	0	0	424
09:15	0	101	43	0	0	0	0	0	0	0	31	116	0	0	0	40	0	80	0	0	411
*****BREAK*****																					
Total	0	216	83	0	0	0	0	0	0	0	62	216	0	0	0	97	0	161	0	0	835
*****BREAK*****																					
10:30	0	82	57	0	0	0	0	0	0	0	26	134	0	0	0	43	1	72	0	0	415
10:45	0	75	31	0	0	0	0	0	0	0	44	106	0	0	0	44	0	82	0	0	382
Total	0	157	88	0	0	0	0	0	0	0	70	240	0	0	0	87	1	154	0	0	797
11:00	0	84	56	0	0	0	0	0	0	0	15	105	0	0	0	49	1	78	0	0	388
11:15	0	95	54	0	0	0	0	0	0	0	46	107	0	0	0	56	0	72	0	0	430
11:30	0	88	57	0	0	0	0	0	0	0	33	138	0	0	0	50	0	96	0	0	462
11:45	0	100	49	0	0	0	0	0	0	0	48	122	1	0	0	54	1	86	0	0	461
Total	0	367	216	0	0	0	0	0	0	0	142	472	1	0	0	209	2	332	0	0	1741
12:00	0	98	56	0	0	0	0	0	0	0	25	110	0	0	0	53	0	91	0	0	433
12:15	3	104	55	0	0	0	0	0	0	0	53	112	0	0	0	81	0	93	0	0	501
12:30	0	96	75	0	0	0	0	0	0	0	36	144	0	0	1	54	1	112	0	0	519
12:45	0	109	55	0	0	0	0	0	0	0	40	125	0	0	0	69	0	119	0	0	517
Total	3	407	241	0	0	0	0	0	0	0	154	491	0	0	1	257	1	415	0	0	1970
13:00	0	101	40	0	0	0	0	0	0	0	32	162	0	0	0	62	1	120	0	0	518
13:15	1	90	54	0	0	0	0	0	0	0	55	157	0	0	0	55	0	117	0	0	529
*****BREAK*****																					
Total	1	191	94	0	0	0	0	0	0	0	87	319	0	0	0	117	1	237	0	0	1047
*****BREAK*****																					
14:30	0	125	95	0	0	0	0	0	0	0	55	157	0	0	3	67	0	126	0	0	628
14:45	0	135	84	0	0	0	0	0	0	0	49	107	0	0	0	102	0	117	0	0	594
Total	0	260	179	0	0	0	0	0	0	0	104	264	0	0	3	169	0	243	0	0	1222
15:00	1	105	79	0	0	0	0	0	0	0	60	172	0	0	0	122	0	127	0	0	666
15:15	0	106	60	0	0	0	0	0	0	0	73	142	0	0	0	102	0	117	0	0	600
15:30	0	138	91	0	0	0	0	0	0	0	79	202	0	0	0	90	0	172	0	0	772
15:45	0	115	77	0	0	0	0	0	0	0	37	237	0	0	0	95	0	190	0	0	751
Total	1	464	307	0	0	0	0	0	0	0	249	753	0	0	0	409	0	606	0	0	2789

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 Site Code : 14
 Start Date : 2/27/2013
 Page No : 2

Groups Printed- Cars

Start Time	TH-47 Southbound					ramp to EB I-694 Westbound					TH-47 Northbound					ramp from EB I-694 Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
16:00	0	138	64	0	0	0	0	0	0	0	36	278	0	0	0	87	0	157	0	0	760
16:15	0	134	57	0	0	0	0	0	0	0	30	263	0	0	0	75	0	141	0	0	700
16:30	0	147	76	0	0	0	0	0	0	0	58	319	0	0	0	89	0	165	0	0	854
16:45	0	161	41	0	0	0	0	0	0	0	80	291	0	0	0	82	0	247	0	0	902
Total	0	580	238	0	0	0	0	0	0	0	204	1151	0	0	0	333	0	710	0	0	3216
17:00	0	133	50	0	0	0	0	0	0	0	38	264	0	0	0	101	0	230	0	0	816
17:15	0	162	51	0	0	0	0	0	0	0	42	321	0	0	0	85	1	202	0	0	864
17:30	0	156	43	0	0	0	0	0	0	0	44	271	0	0	0	67	0	267	0	0	848
17:45	0	151	51	0	0	0	0	0	0	0	36	252	0	0	0	96	1	193	0	0	780
Total	0	602	195	0	0	0	0	0	0	0	160	1108	0	0	0	349	2	892	0	0	3308
18:00	0	132	59	0	0	0	0	0	0	0	42	261	0	0	1	82	0	164	0	0	741
18:15	0	111	43	0	0	0	0	0	0	1	20	195	0	0	0	87	0	200	0	0	657
Grand Total	5	5590	2301	0	0	0	0	0	0	1	1715	6876	4	0	5	3038	9	5222	0	0	24766
Apprch %	0.1	70.8	29.1	0	0	0	0	0	0	100	19.9	80	0	0	0.1	36.7	0.1	63.2	0	0	
Total %	0	22.6	9.3	0	0	0	0	0	0	0	6.9	27.8	0	0	0	12.3	0	21.1	0	0	

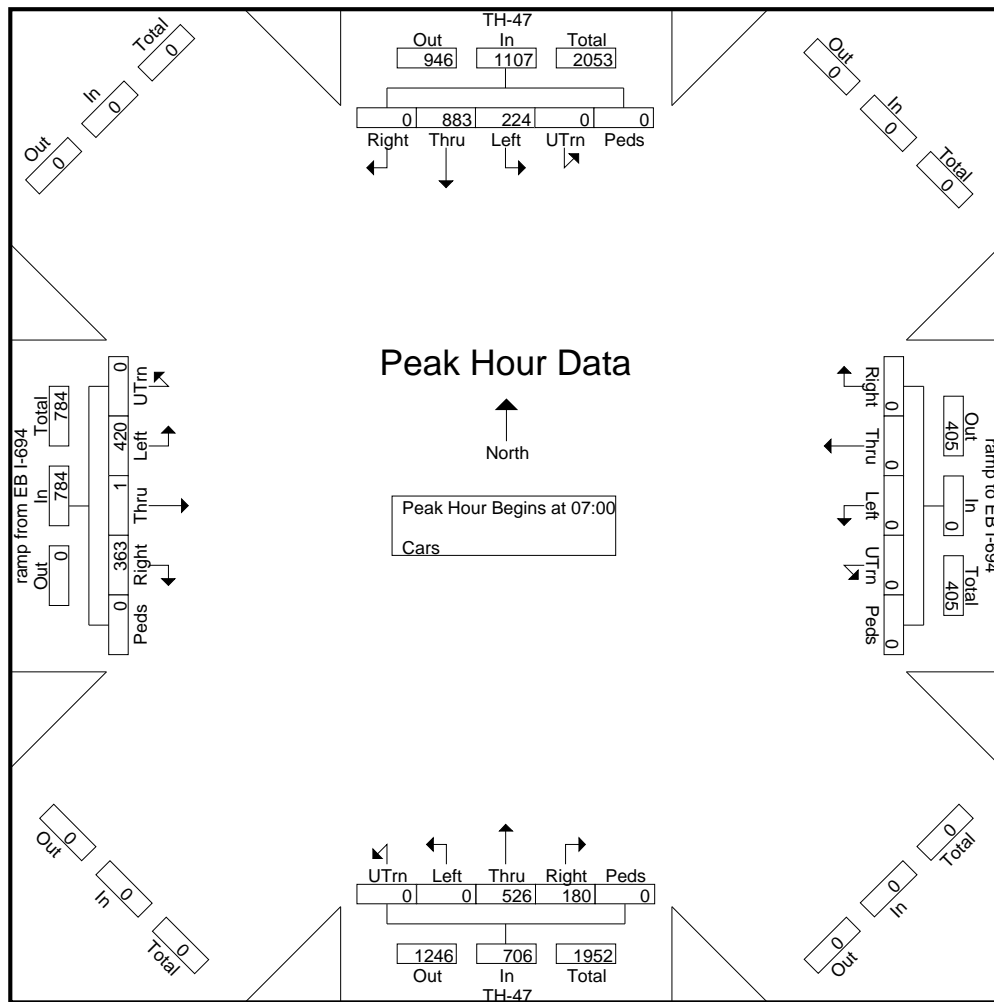
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Start Time	TH-47 Southbound					ramp to EB I-694 Westbound					TH-47 Northbound					ramp from EB I-694 Eastbound					Int. Total				
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru		Left	UTrn	Peds	App. Total
07:00	0	189	42	0	0	231	0	0	0	0	0	0	41	125	0	0	0	166	74	0	93	0	0	167	564
07:15	0	227	71	0	0	298	0	0	0	0	0	0	46	136	0	0	0	182	87	107	0	0	0	195	675
07:30	0	246	65	0	0	311	0	0	0	0	0	0	52	124	0	0	0	176	97	0	112	0	0	209	696
07:45	0	221	46	0	0	267	0	0	0	0	0	0	41	141	0	0	0	182	105	0	108	0	0	213	662
Total Volume	0	883	224	0	0	1107	0	0	0	0	0	0	180	526	0	0	0	706	363	1	420	0	0	784	2597
% App. Total	0	79.8	20.2	0	0		0	0	0	0	0	0	25.5	74.5	0	0	0		46.3	0.1	53.6	0	0		
PHF	.000	.897	.789	.000	.000	.890	.000	.000	.000	.000	.000	.000	.865	.933	.000	.000	.000	.970	.864	.250	.938	.000	.000	.920	.933

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:00



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 Page No : 4

Start Time	TH-47 Southbound						ramp to EB I-694 Westbound						TH-47 Northbound						ramp from EB I-694 Eastbound						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
16:30	0	147	76	0	0	223	0	0	0	0	0	0	58	319	0	0	0	377	89	0	165	0	0	254	854
16:45	0	161	41	0	0	202	0	0	0	0	0	0	80	291	0	0	0	371	82	0	247	0	0	329	902
17:00	0	133	50	0	0	183	0	0	0	0	0	0	38	264	0	0	0	302	101	0	230	0	0	331	816
17:15	0	162	51	0	0	213	0	0	0	0	0	0	42	321	0	0	0	363	85	1	202	0	0	288	864
Total Volume	0	603	218	0	0	821	0	0	0	0	0	0	218	1195	0	0	0	1413	357	1	844	0	0	1202	3436
% App. Total	0	73.4	26.6	0	0		0	0	0	0	0	0	15.4	84.6	0	0	0		29.7	0.1	70.2	0	0		
PHF	.000	.931	.717	.000	.000	.920	.000	.000	.000	.000	.000	.000	.681	.931	.000	.000	.000	.937	.884	.250	.854	.000	.000	.908	.952

Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 16:30

