

Alliant Engineering Inc Minneapolis, MN 55415

TH-7 at CSAH-101
Ref.Pt.: 186.196
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 8_TH 7 at CR 101_020211
Site Code : 00000008
Start Date : 2/2/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	CSAH-101 Southbound				TH-7 Westbound				CSAH-101 Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	9	8	5	0	11	48	3	0	7	11	9	0	9	180	6	0	306
06:15	11	14	5	0	23	73	5	0	7	9	16	0	8	265	14	0	450
06:30	9	23	10	0	24	116	1	0	4	25	33	0	14	372	17	0	648
06:45	13	35	10	0	51	104	7	0	14	25	49	0	34	371	15	0	728
Total	42	80	30	0	109	341	16	0	32	70	107	0	65	1188	52	0	2132
07:00	11	37	13	0	44	80	9	0	16	50	69	0	30	388	41	0	788
07:15	18	38	16	0	53	121	10	0	19	70	100	0	26	540	49	1	1061
07:30	20	84	32	0	79	167	9	0	15	70	94	0	52	553	45	0	1220
07:45	28	110	28	0	72	162	5	0	30	137	86	0	51	513	57	1	1280
Total	77	269	89	0	248	530	33	0	80	327	349	0	159	1994	192	2	4349
08:00	25	57	15	0	34	105	14	0	26	113	57	0	50	453	59	2	1010
08:15	13	43	17	0	47	122	6	0	25	61	23	0	40	399	31	0	827
08:30	37	75	27	0	47	125	14	0	36	96	39	0	59	264	32	0	851
08:45	24	38	29	0	49	163	15	0	24	63	44	0	67	308	24	2	850
Total	99	213	88	0	177	515	49	0	111	333	163	0	216	1424	146	4	3538
09:00	24	70	44	0	36	145	20	0	41	66	26	1	39	235	27	0	774
09:15	37	52	23	0	17	130	15	0	38	46	30	0	40	238	20	3	689
*** BREAK ***																	
Total	61	122	67	0	53	275	35	0	79	112	56	1	79	473	47	3	1463
*** BREAK ***																	
10:30	23	36	33	0	27	131	19	0	17	46	22	0	21	137	10	0	522
10:45	45	78	28	0	19	118	19	0	17	61	34	0	35	172	28	0	654
Total	68	114	61	0	46	249	38	0	34	107	56	0	56	309	38	0	1176
11:00	31	40	28	0	35	124	18	0	26	61	25	0	58	133	29	0	608
11:15	54	94	30	0	28	150	6	0	41	48	25	0	49	197	19	0	741
11:30	41	62	36	0	33	120	31	0	38	53	36	0	58	164	23	0	695
11:45	62	83	39	0	43	152	22	0	40	78	38	0	40	172	24	0	793
Total	188	279	133	0	139	546	77	0	145	240	124	0	205	666	95	0	2837
12:00	45	65	28	0	34	122	24	0	53	60	35	0	47	148	29	0	690
12:15	50	81	39	0	38	120	15	0	32	73	44	0	39	173	22	0	726
12:30	34	75	38	0	32	155	19	0	49	64	27	0	41	165	27	0	726
12:45	38	78	38	0	36	141	19	0	40	76	29	0	36	209	31	0	771
Total	167	299	143	0	140	538	77	0	174	273	135	0	163	695	109	0	2913
13:00	57	77	39	0	31	151	25	0	37	80	42	0	40	164	20	0	763
13:15	57	82	45	0	48	167	14	0	26	66	31	1	24	235	29	0	825
*** BREAK ***																	
Total	114	159	84	0	79	318	39	0	63	146	73	1	64	399	49	0	1588
*** BREAK ***																	
14:30	35	92	61	0	49	210	16	0	37	50	30	0	37	148	26	0	791
14:45	39	77	44	0	55	209	18	0	57	129	74	1	61	181	24	0	969
Total	74	169	105	0	104	419	34	0	94	179	104	1	98	329	50	0	1760
15:00	31	85	37	0	53	209	31	0	38	103	51	0	38	189	36	0	901
15:15	34	88	56	0	46	250	18	0	46	89	51	1	40	175	32	1	927
15:30	23	75	51	0	58	238	19	0	45	133	59	0	20	200	39	0	960
15:45	28	61	41	0	39	235	26	0	46	117	33	0	43	190	22	0	881
Total	116	309	185	0	196	932	94	0	175	442	194	1	141	754	129	1	3669

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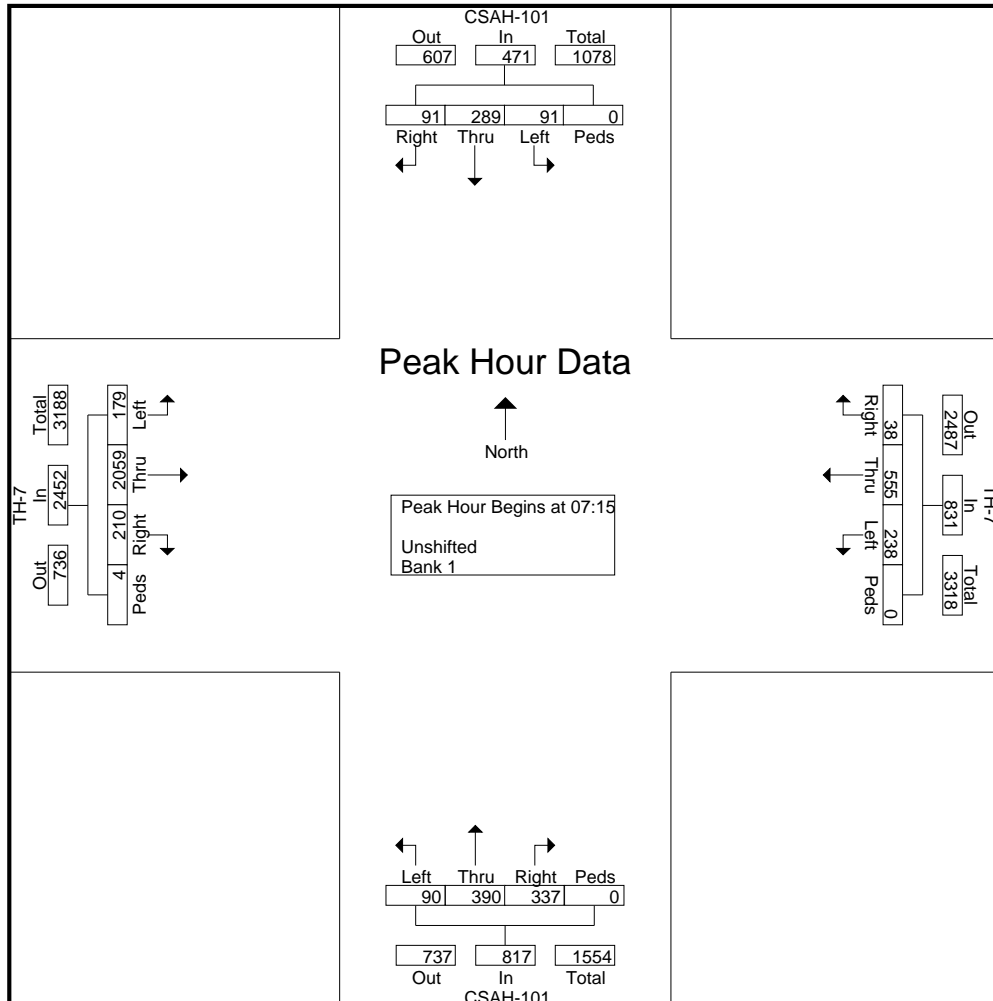
Start Time	CSAH-101 Southbound				TH-7 Westbound				CSAH-101 Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	28	79	34	0	66	242	9	0	59	96	58	0	45	183	24	0	923
16:15	29	108	59	0	50	294	14	0	73	103	61	0	29	198	35	0	1053
16:30	30	86	61	0	58	359	17	0	74	119	53	0	22	198	24	0	1101
16:45	28	86	35	0	47	321	35	1	57	94	58	0	38	173	22	0	995
Total	115	359	189	0	221	1216	75	1	263	412	230	0	134	752	105	0	4072
17:00	14	60	59	0	62	335	31	0	62	101	81	0	22	142	18	0	987
17:15	37	101	75	0	81	327	39	0	93	101	44	0	62	235	31	0	1226
17:30	23	71	57	0	85	391	38	0	76	131	92	0	30	176	31	0	1201
17:45	37	139	76	0	69	433	43	0	77	132	69	0	41	180	26	0	1322
Total	111	371	267	0	297	1486	151	0	308	465	286	0	155	733	106	0	4736
Grand Total	1232	2743	1441	0	1809	7365	718	1	1558	3106	1877	4	1535	9716	1118	10	34233
Apprch %	22.7	50.6	26.6	0	18.3	74.4	7.3	0	23.8	47.5	28.7	0.1	12.4	78.5	9	0.1	
Total %	3.6	8	4.2	0	5.3	21.5	2.1	0	4.6	9.1	5.5	0	4.5	28.4	3.3	0	
Unshifted	1210	2685	1400	0	1765	7213	702	1	1515	3040	1844	4	1506	9540	1082	9	33516
% Unshifted	98.2	97.9	97.2	0	97.6	97.9	97.8	100	97.2	97.9	98.2	100	98.1	98.2	96.8	90	97.9
Bank 1	22	58	41	0	44	152	16	0	43	66	33	0	29	176	36	1	717
% Bank 1	1.8	2.1	2.8	0	2.4	2.1	2.2	0	2.8	2.1	1.8	0	1.9	1.8	3.2	10	2.1

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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	18	38	16	0	72	53	121	10	0	184	19	70	100	0	189	26	540	49	1	616	1061
07:30	20	84	32	0	136	79	167	9	0	255	15	70	94	0	179	52	553	45	0	650	1220
07:45	28	110	28	0	166	72	162	5	0	239	30	137	86	0	253	51	513	57	1	622	1280
08:00	25	57	15	0	97	34	105	14	0	153	26	113	57	0	196	50	453	59	2	564	1010
Total Volume	91	289	91	0	471	238	555	38	0	831	90	390	337	0	817	179	2059	210	4	2452	4571
% App. Total	19.3	61.4	19.3	0		28.6	66.8	4.6	0		11	47.7	41.2	0		7.3	84	8.6	0.2		
PHF	.813	.657	.711	.000	.709	.753	.831	.679	.000	.815	.750	.712	.843	.000	.807	.861	.931	.890	.500	.943	.893



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	14	60	59	0	133	62	335	31	0	428	62	101	81	0	244	22	142	18	0	182	987
17:15	37	101	75	0	213	81	327	39	0	447	93	101	44	0	238	62	235	31	0	328	1226
17:30	23	71	57	0	151	85	391	38	0	514	76	131	92	0	299	30	176	31	0	237	1201
17:45	37	139	76	0	252	69	433	43	0	545	77	132	69	0	278	41	180	26	0	247	1322
Total Volume	111	371	267	0	749	297	1486	151	0	1934	308	465	286	0	1059	155	733	106	0	994	4736
% App. Total	14.8	49.5	35.6	0		15.4	76.8	7.8	0		29.1	43.9	27	0		15.6	73.7	10.7	0		
PHF	.750	.667	.878	.000	.743	.874	.858	.878	.000	.887	.828	.881	.777	.000	.885	.625	.780	.855	.000	.758	.896

