

# Alliant Engineering Inc Minneapolis, MN 55415

TH-7 at TH-100, east ramps  
Ref.Pt.: 194.248  
Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : 28\_TH 7 at TH 100 E Ramps\_010411  
Site Code : 00000028  
Start Date : 1/4/2011  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	ramp to TH-100 NB Southbound				TH-7 Westbound				ramp from TH-100 NB Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
06:00	0	0	0	0	1	21	11	0	4	0	8	0	41	51	1	1	139
06:15	0	0	0	0	0	27	22	0	9	0	9	0	45	75	0	0	187
06:30	0	0	0	0	0	65	24	0	12	0	26	0	78	90	0	0	295
06:45	0	0	0	0	0	93	44	0	12	0	16	0	70	127	0	0	362
Total	0	0	0	0	1	206	101	0	37	0	59	0	234	343	1	1	983
07:00	0	0	0	0	0	91	42	0	18	0	17	0	89	133	0	0	390
07:15	0	0	0	0	0	122	55	0	23	1	21	0	129	157	0	0	508
07:30	0	0	0	0	0	193	71	1	11	0	18	0	115	231	0	0	640
07:45	0	0	0	0	0	202	78	1	18	0	22	0	161	225	0	0	707
Total	0	0	0	0	0	608	246	2	70	1	78	0	494	746	0	0	2245
08:00	0	0	0	0	0	174	72	0	22	0	21	1	119	198	0	0	607
08:15	0	0	0	0	0	165	69	1	17	0	35	0	125	204	0	0	616
08:30	0	0	0	0	0	169	51	0	16	0	23	0	118	216	0	0	593
08:45	0	0	0	0	0	158	48	0	39	0	27	0	97	179	1	0	549
Total	0	0	0	0	0	666	240	1	94	0	106	1	459	797	1	0	2365
09:00	0	0	0	0	0	125	46	0	30	0	28	0	102	153	0	0	484
09:15	0	0	0	0	0	113	42	0	36	0	36	0	72	129	0	0	428
*** BREAK ***																	
Total	0	0	0	0	0	238	88	0	66	0	64	0	174	282	0	0	912
*** BREAK ***																	
11:00	0	0	0	0	0	69	42	2	41	0	30	0	61	102	0	0	347
11:15	0	0	0	0	0	112	39	0	40	0	34	0	65	104	0	0	394
11:30	0	0	0	0	0	91	25	1	42	0	30	0	77	132	0	0	398
11:45	0	0	0	0	2	113	47	0	33	1	28	0	62	145	0	0	431
Total	0	0	0	0	2	385	153	3	156	1	122	0	265	483	0	0	1570
12:00	0	0	0	0	0	104	40	0	40	0	24	0	68	134	0	0	410
12:15	0	0	0	0	1	114	48	0	18	0	26	0	63	111	0	0	381
12:30	0	0	0	0	0	103	30	0	37	0	37	0	80	163	0	0	450
12:45	0	0	0	0	1	114	29	0	33	1	40	3	62	141	0	0	424
Total	0	0	0	0	2	435	147	0	128	1	127	3	273	549	0	0	1665
13:00	0	0	0	0	0	88	30	0	62	0	35	0	88	126	9	0	438
13:15	0	0	0	0	0	125	37	0	51	1	29	0	60	135	0	0	438
*** BREAK ***																	
Total	0	0	0	0	0	213	67	0	113	1	64	0	148	261	9	0	876
*** BREAK ***																	
14:30	0	0	0	0	0	117	51	1	45	0	35	0	99	151	0	0	499
14:45	0	0	0	0	0	118	53	0	46	1	56	0	101	153	0	0	528
Total	0	0	0	0	0	235	104	1	91	1	91	0	200	304	0	0	1027
15:00	0	0	0	0	0	162	80	0	49	1	36	0	137	163	0	0	628
15:15	0	0	0	0	0	164	62	0	48	0	39	0	123	146	0	0	582
15:30	0	0	0	0	0	129	58	0	49	0	33	0	116	168	0	0	553
15:45	0	0	0	0	1	174	50	0	40	0	39	0	141	194	0	0	639
Total	0	0	0	0	1	629	250	0	186	1	147	0	517	671	0	0	2402
16:00	0	0	0	0	0	151	70	0	39	0	31	0	140	193	0	0	624
16:15	0	0	0	0	0	142	55	0	56	0	38	0	153	174	0	0	618
16:30	0	0	0	0	0	158	54	0	39	0	31	0	197	251	0	0	730

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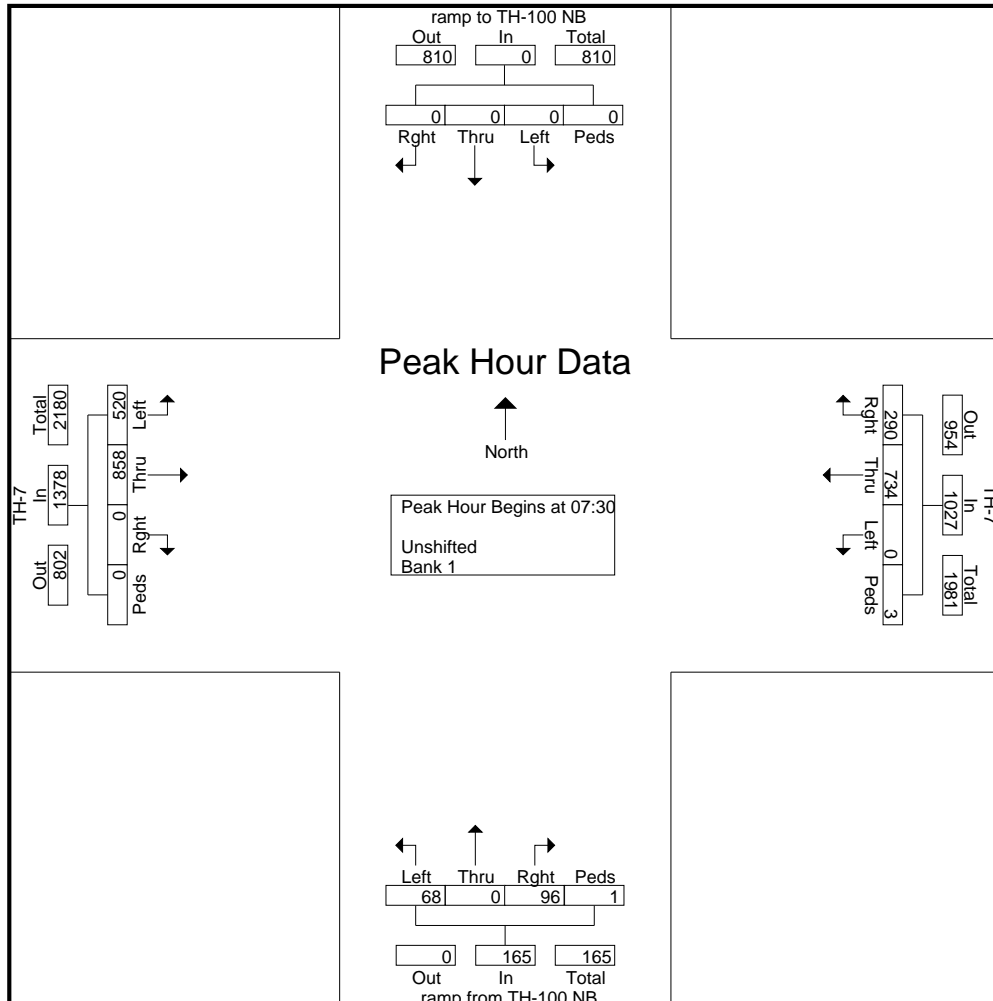
Start Time	ramp to TH-100 NB Southbound				TH-7 Westbound				ramp from TH-100 NB Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
16:45	0	0	0	0	0	151	61	0	33	0	37	0	178	225	0	0	685
Total	0	0	0	0	0	602	240	0	167	0	137	0	668	843	0	0	2657
17:00	0	0	0	0	0	187	69	0	30	0	35	0	207	259	0	0	787
17:15	0	0	0	0	0	177	56	0	41	0	40	0	169	274	0	0	757
17:30	0	0	0	0	0	193	36	1	22	0	33	0	118	316	0	0	719
17:45	0	0	0	0	0	158	41	0	35	0	34	0	137	272	0	0	677
Total	0	0	0	0	0	715	202	1	128	0	142	0	631	1121	0	0	2940
Grand Total	0	0	0	0	6	4932	1838	8	1236	6	1137	4	4063	6400	11	1	19642
Apprch %	0	0	0	0	0.1	72.7	27.1	0.1	51.9	0.3	47.7	0.2	38.8	61.1	0.1	0	
Total %	0	0	0	0	0	25.1	9.4	0	6.3	0	5.8	0	20.7	32.6	0.1	0	
Unshifted	0	0	0	0	6	4845	1801	8	1206	6	1124	4	3948	6256	10	1	19215
% Unshifted	0	0	0	0	100	98.2	98	100	97.6	100	98.9	100	97.2	97.8	90.9	100	97.8
Bank 1	0	0	0	0	0	87	37	0	30	0	13	0	115	144	1	0	427
% Bank 1	0	0	0	0	0	1.8	2	0	2.4	0	1.1	0	2.8	2.2	9.1	0	2.2

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Start Time	ramp to TH-100 NB Southbound					TH-7 Westbound					ramp from TH-100 NB Northbound					TH-7 Eastbound					Int. Total
	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	0	0	0	0	0	0	193	71	1	265	11	0	18	0	29	115	231	0	0	346	640
07:45	0	0	0	0	0	0	202	78	1	281	18	0	22	0	40	161	225	0	0	386	707
08:00	0	0	0	0	0	0	174	72	0	246	22	0	21	1	44	119	198	0	0	317	607
08:15	0	0	0	0	0	0	165	69	1	235	17	0	35	0	52	125	204	0	0	329	616
Total Volume	0	0	0	0	0	0	734	290	3	1027	68	0	96	1	165	520	858	0	0	1378	2570
% App. Total	0	0	0	0	0	0	71.5	28.2	0.3		41.2	0	58.2	0.6		37.7	62.3	0	0		
PHF	.000	.000	.000	.000	.000	.000	.908	.929	.750	.914	.773	.000	.686	.250	.793	.807	.929	.000	.000	.892	.909



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	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	0	0	0	0	0	0	158	54	0	212	39	0	31	0	70	197	251	0	0	448	730
16:45	0	0	0	0	0	0	151	61	0	212	33	0	37	0	70	178	225	0	0	403	685
17:00	0	0	0	0	0	0	187	69	0	256	30	0	35	0	65	207	259	0	0	466	787
17:15	0	0	0	0	0	0	177	56	0	233	41	0	40	0	81	169	274	0	0	443	757
Total Volume	0	0	0	0	0	0	673	240	0	913	143	0	143	0	286	751	1009	0	0	1760	2959
% App. Total	0	0	0	0	0	0	73.7	26.3	0		50	0	50	0		42.7	57.3	0	0		
PHF	.000	.000	.000	.000	.000	.000	.900	.870	.000	.892	.872	.000	.894	.000	.883	.907	.921	.000	.000	.944	.940

