

Alliant Engineering Inc Minneapolis, MN 55415

TH-7 at Oak St. / CSAH-19
Ref.Pt.: 182.739
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 2_TH 7 at Oak St_011311
Site Code : 00000002
Start Date : 1/13/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Oak St / CSAH-19 Southbound				TH-7 Westbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	26	1	3	0	0	36	17	0	11	120	0	0	214
06:15	38	0	3	0	0	49	14	0	10	183	0	0	297
06:30	70	0	3	0	0	66	16	0	13	228	0	0	396
06:45	73	0	8	0	0	92	20	0	24	320	0	0	537
Total	207	1	17	0	0	243	67	0	58	851	0	0	1444
07:00	108	0	8	0	0	95	28	0	19	374	0	0	632
07:15	126	0	12	0	1	97	50	0	38	410	0	0	734
07:30	144	0	19	0	0	170	47	1	59	391	0	0	831
07:45	109	0	23	0	0	130	91	3	99	299	0	0	754
Total	487	0	62	0	1	492	216	4	215	1474	0	0	2951
08:00	74	0	21	0	2	128	52	0	34	230	0	0	541
08:15	72	0	21	0	0	121	33	0	34	247	0	0	528
08:30	100	0	14	0	0	145	38	0	37	222	0	0	556
08:45	76	0	10	0	1	143	45	0	60	205	0	0	540
Total	322	0	66	0	3	537	168	0	165	904	0	0	2165
09:00	78	0	13	0	2	121	49	0	62	155	0	0	480
09:15	70	0	9	0	3	76	44	0	49	161	0	0	412
*** BREAK ***													
Total	148	0	22	0	5	197	93	0	111	316	0	0	892
*** BREAK ***													
10:30	49	0	19	0	0	68	33	0	38	82	0	0	289
10:45	46	0	21	0	0	122	28	0	63	106	0	0	386
Total	95	0	40	0	0	190	61	0	101	188	0	0	675
11:00	59	0	24	0	2	105	19	0	58	97	0	0	364
11:15	63	0	30	0	1	129	18	0	63	99	0	0	403
11:30	54	0	38	0	1	119	34	0	52	93	0	0	391
11:45	45	0	21	0	0	136	31	0	49	82	0	0	364
Total	221	0	113	0	4	489	102	0	222	371	0	0	1522
12:00	42	0	15	0	2	151	22	0	58	101	0	0	391
12:15	46	0	15	0	0	110	29	0	63	112	0	0	375
12:30	60	0	22	0	0	173	51	0	76	80	0	0	462
12:45	71	0	27	0	4	219	33	0	53	74	0	0	481
Total	219	0	79	0	6	653	135	0	250	367	0	0	1709
13:00	56	0	8	0	3	224	33	1	70	73	0	0	468
13:15	63	0	12	0	0	128	20	0	52	78	0	0	353
*** BREAK ***													
Total	119	0	20	0	3	352	53	1	122	151	0	0	821
*** BREAK ***													
14:30	62	0	20	0	2	185	59	0	56	124	0	0	508
14:45	51	0	28	0	2	215	56	0	36	124	1	0	513
Total	113	0	48	0	4	400	115	0	92	248	1	0	1021
15:00	46	0	19	0	1	256	77	0	37	116	0	0	552
15:15	55	0	32	0	1	270	75	0	55	145	0	0	633
15:30	50	0	24	0	1	251	62	0	39	134	0	0	561
15:45	55	0	31	0	1	244	79	0	40	127	0	0	577
Total	206	0	106	0	4	1021	293	0	171	522	0	0	2323

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Groups Printed- Unshifted - Bank 1

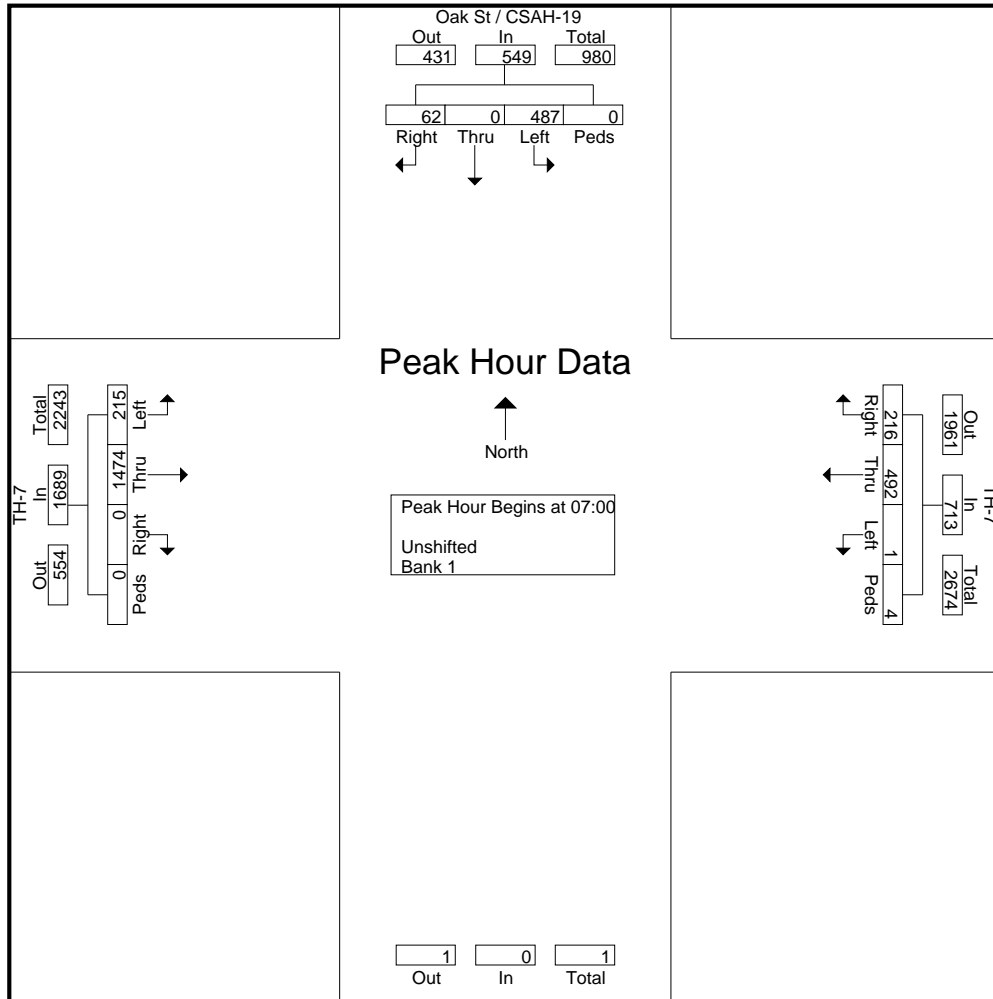
Start Time	Oak St / CSAH-19 Southbound				TH-7 Westbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	45	0	38	0	2	264	85	0	54	162	0	0	650
16:15	61	0	29	0	1	260	92	0	38	143	0	0	624
16:30	59	0	30	0	3	307	112	0	53	148	0	0	712
16:45	72	0	33	0	4	292	68	0	40	129	0	0	638
Total	237	0	130	0	10	1123	357	0	185	582	0	0	2624
17:00	59	0	32	1	5	292	84	0	44	156	0	2	675
17:15	86	0	28	0	0	341	105	0	50	167	0	0	777
17:30	55	0	34	0	3	339	117	0	54	128	0	0	730
17:45	59	0	20	0	2	335	93	0	29	184	0	0	722
Total	259	0	114	1	10	1307	399	0	177	635	0	2	2904
Grand Total	2633	1	817	1	50	7004	2059	5	1869	6609	1	2	21051
Apprch %	76.3	0	23.7	0	0.5	76.8	22.6	0.1	22	77.9	0	0	
Total %	12.5	0	3.9	0	0.2	33.3	9.8	0	8.9	31.4	0	0	
Unshifted	2517	1	785	1	50	6859	1934	5	1797	6498	1	2	20450
% Unshifted	95.6	100	96.1	100	100	97.9	93.9	100	96.1	98.3	100	100	97.1
Bank 1	116	0	32	0	0	145	125	0	72	111	0	0	601
% Bank 1	4.4	0	3.9	0	0	2.1	6.1	0	3.9	1.7	0	0	2.9

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Start Time	Oak St / CSAH-19 Southbound					TH-7 Westbound					TH-7 Eastbound					Int. 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 07:00																
07:00	108	0	8	0	116	0	95	28	0	123	19	374	0	0	393	632
07:15	126	0	12	0	138	1	97	50	0	148	38	410	0	0	448	734
07:30	144	0	19	0	163	0	170	47	1	218	59	391	0	0	450	831
07:45	109	0	23	0	132	0	130	91	3	224	99	299	0	0	398	754
Total Volume	487	0	62	0	549	1	492	216	4	713	215	1474	0	0	1689	2951
% App. Total	88.7	0	11.3	0		0.1	69	30.3	0.6		12.7	87.3	0	0		
PHF	.845	.000	.674	.000	.842	.250	.724	.593	.333	.796	.543	.899	.000	.000	.938	.888



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	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	59	0	32	1	92	5	292	84	0	381	44	156	0	2	202	675
17:15	86	0	28	0	114	0	341	105	0	446	50	167	0	0	217	777
17:30	55	0	34	0	89	3	339	117	0	459	54	128	0	0	182	730
17:45	59	0	20	0	79	2	335	93	0	430	29	184	0	0	213	722
Total Volume	259	0	114	1	374	10	1307	399	0	1716	177	635	0	2	814	2904
% App. Total	69.3	0	30.5	0.3		0.6	76.2	23.3	0		21.7	78	0	0.2		
PHF	.753	.000	.838	.250	.820	.500	.958	.853	.000	.935	.819	.863	.000	.250	.938	.934

