

Alliant Engineering Inc Minneapolis, MN 55415

TH-7 at Hopkins Crossroads/CoRd 73
Ref.Pt.: 190.485
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 13_TH 7 at CR 73_011211
Site Code : 00000013
Start Date : 1/12/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Hopkins Crossroads / Co.Rd. 73 Southbound				TH-7 Westbound				17th Ave N. Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	7	11	9	0	8	23	3	0	4	16	9	0	13	76	6	1	186
06:15	6	13	9	0	5	37	4	0	2	8	6	1	14	104	4	0	213
06:30	13	42	22	0	10	77	11	0	12	19	19	0	34	158	4	0	421
06:45	19	35	34	0	10	124	12	0	10	40	16	0	31	195	9	0	535
Total	45	101	74	0	33	261	30	0	28	83	50	1	92	533	23	1	1355
07:00	34	23	14	0	14	93	21	0	11	35	23	0	67	206	3	0	544
07:15	36	33	44	0	6	100	27	0	25	50	28	0	100	302	6	3	760
07:30	46	28	44	0	11	126	30	0	20	27	20	0	73	355	14	0	794
07:45	47	50	61	0	9	161	23	0	14	32	13	0	55	339	12	2	818
Total	163	134	163	0	40	480	101	0	70	144	84	0	295	1202	35	5	2916
08:00	70	35	40	0	10	136	25	0	13	28	18	0	70	323	7	0	775
08:15	20	31	29	0	8	114	24	0	20	15	15	0	50	284	15	0	625
08:30	45	33	32	0	13	124	26	0	9	27	20	0	47	239	11	0	626
08:45	41	51	48	0	13	159	24	0	12	22	10	0	45	236	12	0	673
Total	176	150	149	0	44	533	99	0	54	92	63	0	212	1082	45	0	2699
09:00	37	27	15	0	17	101	30	0	17	29	6	0	38	173	20	0	510
09:15	35	29	30	0	15	109	21	0	17	22	9	0	44	157	8	0	496
*** BREAK ***																	
Total	72	56	45	0	32	210	51	0	34	51	15	0	82	330	28	0	1006
*** BREAK ***																	
10:30	37	40	15	0	11	94	27	0	16	26	15	1	41	118	10	0	451
10:45	21	31	20	0	15	108	33	0	23	37	13	0	34	118	4	0	457
Total	58	71	35	0	26	202	60	0	39	63	28	1	75	236	14	0	908
11:00	41	30	16	0	13	103	31	0	17	30	18	0	37	118	14	0	468
11:15	53	37	26	0	14	105	35	0	13	43	8	0	34	111	12	0	491
11:30	35	35	29	0	18	125	34	0	19	30	10	0	56	130	11	0	532
11:45	36	38	21	0	25	144	31	0	20	36	10	0	41	120	14	0	536
Total	165	140	92	0	70	477	131	0	69	139	46	0	168	479	51	0	2027
12:00	30	46	22	0	12	125	28	0	25	39	17	0	51	123	21	0	539
12:15	48	54	17	0	11	122	24	0	21	27	16	0	36	131	7	0	514
12:30	40	27	18	0	11	157	32	0	22	29	15	0	31	148	10	0	540
12:45	34	46	25	0	9	161	29	0	19	37	13	0	50	137	10	0	570
Total	152	173	82	0	43	565	113	0	87	132	61	0	168	539	48	0	2163
13:00	47	30	30	0	7	130	40	0	17	28	19	0	57	161	18	0	584
13:15	58	31	29	0	11	137	34	0	19	48	23	0	45	130	8	0	573
*** BREAK ***																	
Total	105	61	59	0	18	267	74	0	36	76	42	0	102	291	26	0	1157
*** BREAK ***																	
14:30	31	40	27	0	6	205	35	0	15	33	12	0	35	126	5	1	571
14:45	39	49	60	0	16	172	34	0	18	41	16	0	46	127	13	0	631
Total	70	89	87	0	22	377	69	0	33	74	28	0	81	253	18	1	1202
15:00	36	48	45	0	14	156	38	0	23	40	11	0	37	116	9	0	573
15:15	43	47	23	0	15	237	49	0	15	24	4	1	55	150	18	0	681
15:30	37	49	45	0	22	229	50	3	21	40	10	0	41	136	9	0	692
15:45	41	55	35	0	37	221	72	0	20	46	14	0	47	127	15	0	730
Total	157	199	148	0	88	843	209	3	79	150	39	1	180	529	51	0	2676

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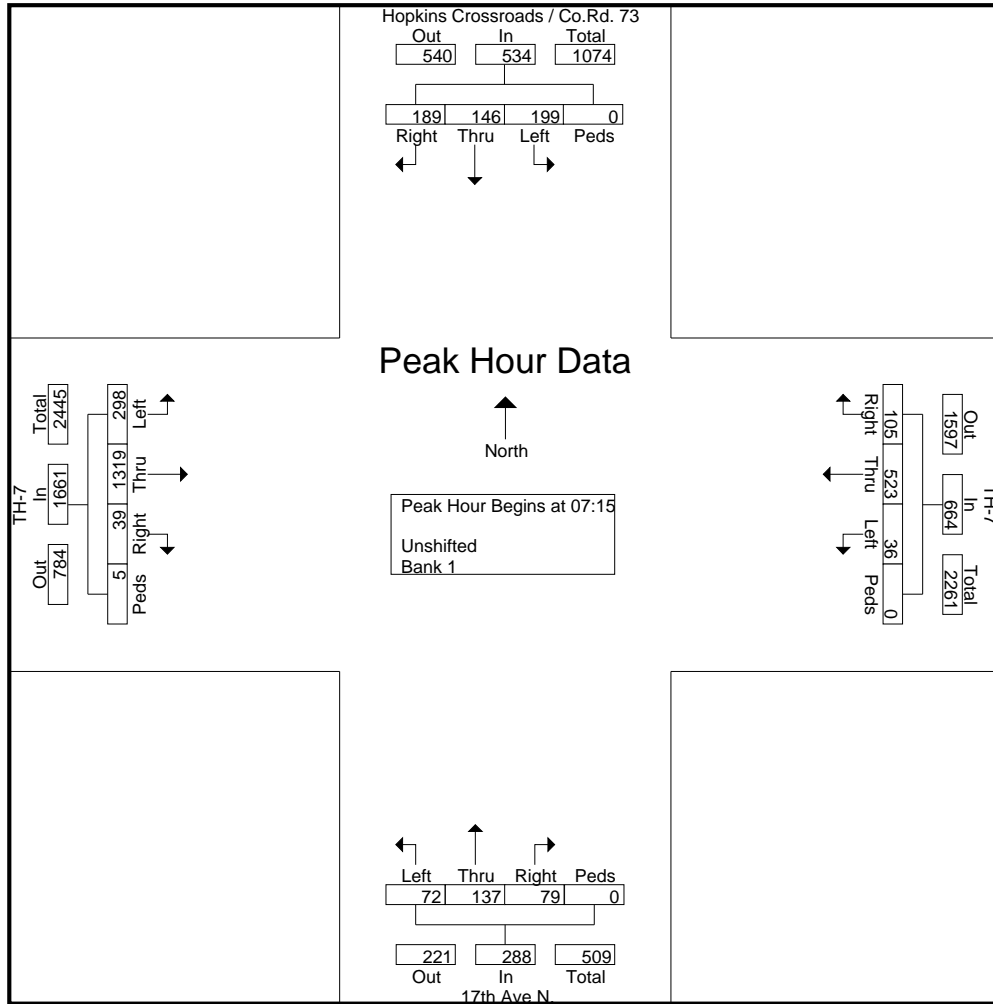
Start Time	Hopkins Crossroads / Co.Rd. 73 Southbound				TH-7 Westbound				17th Ave N. Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	34	37	36	0	22	232	54	0	27	46	10	0	43	205	24	0	770
16:15	35	51	31	0	31	230	61	0	38	68	7	0	59	183	20	0	814
16:30	48	69	35	0	27	245	66	0	26	63	14	0	69	189	23	0	874
16:45	54	44	43	0	25	311	81	0	27	65	14	0	58	227	25	0	974
Total	171	201	145	0	105	1018	262	0	118	242	45	0	229	804	92	0	3432
17:00	41	54	51	0	24	246	64	0	19	70	5	1	68	218	21	1	883
17:15	42	70	37	0	32	267	80	0	36	93	14	0	80	219	39	1	1010
17:30	44	59	29	0	34	253	58	0	32	77	18	0	65	235	23	1	928
17:45	42	52	39	0	15	258	57	0	34	69	13	0	66	195	18	0	858
Total	169	235	156	0	105	1024	259	0	121	309	50	1	279	867	101	3	3679
Grand Total	1503	1610	1235	0	626	6257	1458	3	768	1555	551	4	1963	7145	532	10	25220
Apprch %	34.6	37	28.4	0	7.5	75	17.5	0	26.7	54	19.1	0.1	20.3	74	5.5	0.1	
Total %	6	6.4	4.9	0	2.5	24.8	5.8	0	3	6.2	2.2	0	7.8	28.3	2.1	0	
Unshifted	1469	1572	1201	0	620	6122	1441	3	763	1524	545	4	1918	7017	524	10	24733
% Unshifted	97.7	97.6	97.2	0	99	97.8	98.8	100	99.3	98	98.9	100	97.7	98.2	98.5	100	98.1
Bank 1	34	38	34	0	6	135	17	0	5	31	6	0	45	128	8	0	487
% Bank 1	2.3	2.4	2.8	0	1	2.2	1.2	0	0.7	2	1.1	0	2.3	1.8	1.5	0	1.9

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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	36	33	44	0	113	6	100	27	0	133	25	50	28	0	103	100	302	6	3	411	760
07:30	46	28	44	0	118	11	126	30	0	167	20	27	20	0	67	73	355	14	0	442	794
07:45	47	50	61	0	158	9	161	23	0	193	14	32	13	0	59	55	339	12	2	408	818
08:00	70	35	40	0	145	10	136	25	0	171	13	28	18	0	59	70	323	7	0	400	775
Total Volume	199	146	189	0	534	36	523	105	0	664	72	137	79	0	288	298	1319	39	5	1661	3147
% App. Total	37.3	27.3	35.4	0		5.4	78.8	15.8	0		25	47.6	27.4	0		17.9	79.4	2.3	0.3		
PHF	.711	.730	.775	.000	.845	.818	.812	.875	.000	.860	.720	.685	.705	.000	.699	.745	.929	.696	.417	.939	.962



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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 16:45																					
16:45	54	44	43	0	141	25	311	81	0	417	27	65	14	0	106	58	227	25	0	310	974
17:00	41	54	51	0	146	24	246	64	0	334	19	70	5	1	95	68	218	21	1	308	883
17:15	42	70	37	0	149	32	267	80	0	379	36	93	14	0	143	80	219	39	1	339	1010
17:30	44	59	29	0	132	34	253	58	0	345	32	77	18	0	127	65	235	23	1	324	928
Total Volume	181	227	160	0	568	115	1077	283	0	1475	114	305	51	1	471	271	899	108	3	1281	3795
% App. Total	31.9	40	28.2	0		7.8	73	19.2	0		24.2	64.8	10.8	0.2		21.2	70.2	8.4	0.2		
PHF	.838	.811	.784	.000	.953	.846	.866	.873	.000	.884	.792	.820	.708	.250	.823	.847	.956	.692	.750	.945	.939

