

Alliant Engineering Inc Minneapolis, MN 55415

TH-7 at Vine Hill Rd.
Ref.Pt.: 185.016
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 5_TH 7 at Vine Hill Rd_011311
Site Code : 00000005
Start Date : 1/13/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Vine Hill Rd Southbound				TH-7 Westbound				Vine Hill Rd Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	16	3	3	0	0	61	1	0	3	4	6	0	4	144	9	0	254
06:15	23	4	2	0	1	71	4	0	2	2	10	0	12	213	13	0	357
06:30	20	3	1	0	1	87	9	0	2	3	10	0	11	302	17	0	466
06:45	26	21	7	0	5	98	14	0	5	8	16	0	11	298	49	0	558
Total	85	31	13	0	7	317	28	0	12	17	42	0	38	957	88	0	1635
07:00	34	42	2	0	6	118	8	0	18	17	19	0	20	446	86	0	816
07:15	67	44	10	0	10	126	9	0	51	35	15	0	24	474	104	0	969
07:30	58	54	7	0	2	142	19	0	40	36	25	0	26	385	70	0	864
07:45	59	30	8	0	11	222	29	0	35	35	14	0	44	469	35	0	991
Total	218	170	27	0	29	608	65	0	144	123	73	0	114	1774	295	0	3640
08:00	58	17	12	0	10	146	17	0	21	22	26	0	29	426	15	0	799
08:15	48	10	8	0	7	129	14	0	7	15	14	0	40	344	6	0	642
08:30	32	12	3	0	14	163	43	0	6	20	17	0	28	300	8	0	646
08:45	49	11	13	0	9	189	30	0	9	21	19	0	56	286	11	0	703
Total	187	50	36	0	40	627	104	0	43	78	76	0	153	1356	40	0	2790
09:00	56	13	19	0	5	165	39	0	10	12	14	0	32	254	10	0	629
09:15	46	11	12	0	2	121	23	0	6	8	9	0	25	261	8	0	532
*** BREAK ***																	
Total	102	24	31	0	7	286	62	0	16	20	23	0	57	515	18	0	1161
*** BREAK ***																	
10:30	34	9	14	0	12	142	24	0	9	5	3	0	12	147	11	0	422
10:45	34	5	17	0	12	116	21	0	4	4	4	0	11	175	10	0	413
Total	68	14	31	0	24	258	45	0	13	9	7	0	23	322	21	0	835
11:00	24	13	14	0	10	126	26	0	3	15	5	0	16	186	11	0	449
11:15	29	8	17	0	12	142	33	0	5	11	5	0	30	182	6	0	480
11:30	54	13	33	0	13	143	23	0	7	8	15	0	10	183	4	0	506
11:45	25	14	15	0	13	176	26	1	10	16	12	0	11	162	12	0	493
Total	132	48	79	0	48	587	108	1	25	50	37	0	67	713	33	0	1928
12:00	18	15	12	0	12	140	13	0	9	10	17	0	10	171	11	0	438
12:15	23	9	11	0	12	172	36	0	10	15	7	0	23	174	7	0	499
12:30	44	18	33	0	11	171	26	0	12	5	3	0	9	183	9	0	524
12:45	27	10	20	0	8	161	22	0	8	7	9	0	14	182	8	0	476
Total	112	52	76	0	43	644	97	0	39	37	36	0	56	710	35	0	1937
13:00	38	18	19	0	15	156	20	0	18	13	10	0	13	146	6	0	472
13:15	22	11	8	0	13	189	23	0	9	10	15	0	9	156	7	0	472
*** BREAK ***																	
Total	60	29	27	0	28	345	43	0	27	23	25	0	22	302	13	0	944
*** BREAK ***																	
14:30	16	14	14	0	15	253	39	0	29	31	7	0	27	148	29	0	622
14:45	43	26	13	0	17	219	27	0	54	40	9	0	28	184	39	0	699
Total	59	40	27	0	32	472	66	0	83	71	16	0	55	332	68	0	1321
15:00	28	16	12	0	7	240	34	0	64	44	13	0	28	190	24	0	700
15:15	28	15	11	0	12	325	34	0	27	15	11	0	14	195	17	0	704
15:30	22	19	16	0	18	293	33	0	36	16	11	0	15	206	15	0	700
15:45	36	13	6	0	13	298	33	0	24	31	11	0	31	178	18	0	692
Total	114	63	45	0	50	1156	134	0	151	106	46	0	88	769	74	0	2796

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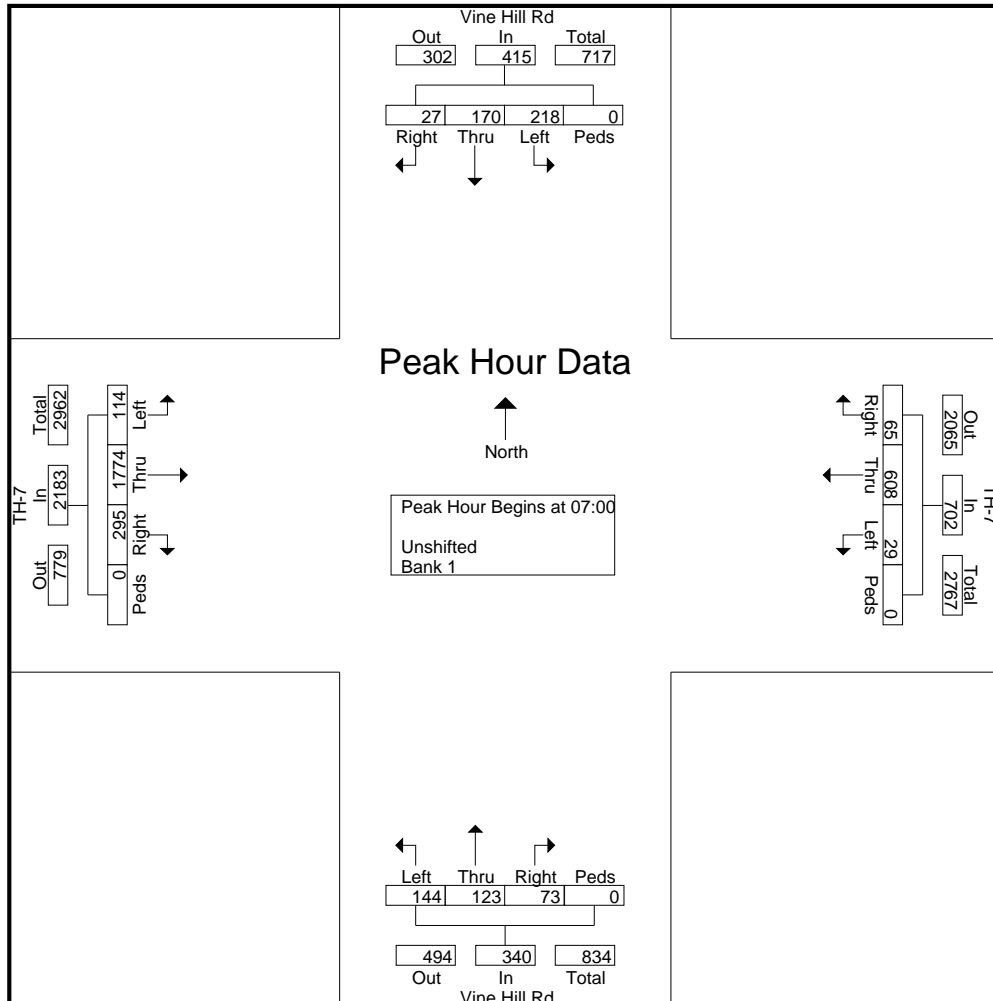
Start Time	Vine Hill Rd Southbound				TH-7 Westbound				Vine Hill Rd Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	25	19	20	0	11	341	38	0	24	31	9	0	15	218	18	0	769
16:15	28	22	15	0	10	329	31	0	17	17	19	0	29	233	13	0	763
16:30	26	23	25	0	20	379	34	0	20	23	15	0	25	213	33	0	836
16:45	26	18	21	0	13	300	26	0	25	19	14	0	24	222	37	0	745
Total	105	82	81	0	54	1349	129	0	86	90	57	0	93	886	101	0	3113
17:00	27	18	16	0	31	369	50	1	31	46	13	0	38	197	23	0	860
17:15	55	31	20	0	27	402	51	0	33	23	20	0	30	257	20	0	969
17:30	40	30	30	1	25	408	63	0	41	45	11	0	28	191	14	0	927
17:45	48	19	46	0	18	375	45	0	41	24	19	0	21	224	33	0	913
Total	170	98	112	1	101	1554	209	1	146	138	63	0	117	869	90	0	3669
Grand Total	1412	701	585	1	463	8203	1090	2	785	762	501	0	883	9505	876	0	25769
Apprch %	52.3	26	21.7	0	4.7	84.1	11.2	0	38.3	37.2	24.5	0	7.8	84.4	7.8	0	
Total %	5.5	2.7	2.3	0	1.8	31.8	4.2	0	3	3	1.9	0	3.4	36.9	3.4	0	
Unshifted	1379	674	562	1	451	7980	1057	2	756	737	490	0	854	9333	838	0	25114
% Unshifted	97.7	96.1	96.1	100	97.4	97.3	97	100	96.3	96.7	97.8	0	96.7	98.2	95.7	0	97.5
Bank 1	33	27	23	0	12	223	33	0	29	25	11	0	29	172	38	0	655
% Bank 1	2.3	3.9	3.9	0	2.6	2.7	3	0	3.7	3.3	2.2	0	3.3	1.8	4.3	0	2.5

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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 07:00																					
07:00	34	42	2	0	78	6	118	8	0	132	18	17	19	0	54	20	446	86	0	552	816
07:15	67	44	10	0	121	10	126	9	0	145	51	35	15	0	101	24	474	104	0	602	969
07:30	58	54	7	0	119	2	142	19	0	163	40	36	25	0	101	26	385	70	0	481	864
07:45	59	30	8	0	97	11	222	29	0	262	35	35	14	0	84	44	469	35	0	548	991
Total Volume	218	170	27	0	415	29	608	65	0	702	144	123	73	0	340	114	1774	295	0	2183	3640
% App. Total	52.5	41	6.5	0		4.1	86.6	9.3	0		42.4	36.2	21.5	0		5.2	81.3	13.5	0		
PHF	.813	.787	.675	.000	.857	.659	.685	.560	.000	.670	.706	.854	.730	.000	.842	.648	.936	.709	.000	.907	.918



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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	27	18	16	0	61	31	369	50	1	451	31	46	13	0	90	38	197	23	0	258	860
17:15	55	31	20	0	106	27	402	51	0	480	33	23	20	0	76	30	257	20	0	307	969
17:30	40	30	30	1	101	25	408	63	0	496	41	45	11	0	97	28	191	14	0	233	927
17:45	48	19	46	0	113	18	375	45	0	438	41	24	19	0	84	21	224	33	0	278	913
Total Volume	170	98	112	1	381	101	1554	209	1	1865	146	138	63	0	347	117	869	90	0	1076	3669
% App. Total	44.6	25.7	29.4	0.3		5.4	83.3	11.2	0.1		42.1	39.8	18.2	0		10.9	80.8	8.4	0		
PHF	.773	.790	.609	.250	.843	.815	.952	.829	.250	.940	.890	.750	.788	.000	.894	.770	.845	.682	.000	.876	.947

