

# Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Viking Blvd NE / CSAH-22  
Ref.Pt.: 023.872  
data by Alliant Inc  
TURN MOVEMENT COUNT

File Name : 22 - TH 65 & Viking Blvd, 10-25-11  
Site Code : 22  
Start Date : 10/25/2011  
Page No : 1

Groups Printed- Cars + - Trucks

Start Time	TH-65 Southbound					Viking Blvd NE / CSAH-22 Westbound					TH-65 Northbound					Viking Blvd NE / CSAH-22 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	4	408	12	0	0	44	17	3	0	0	3	34	7	0	0	1	9	44	0	586
06:15	0	3	472	17	0	0	60	19	2	0	0	8	61	3	0	0	8	14	37	0	704
06:30	1	11	347	11	0	0	60	18	10	0	0	9	96	3	0	0	3	21	50	0	640
06:45	0	5	401	15	0	0	68	20	6	0	0	10	74	8	0	0	5	18	44	0	674
Total	1	23	1628	55	0	0	232	74	21	0	0	30	265	21	0	0	17	62	175	0	2604
07:00	1	4	333	7	0	0	56	18	7	0	0	2	89	7	0	0	4	7	50	0	585
07:15	0	6	363	9	0	0	55	28	6	0	0	13	100	9	0	0	11	19	34	0	653
07:30	0	4	336	8	0	0	63	21	7	0	0	5	135	12	0	0	21	25	49	0	686
07:45	0	5	350	12	0	0	45	11	5	0	0	8	84	13	0	0	9	10	32	0	584
Total	1	19	1382	36	0	0	219	78	25	0	0	28	408	41	0	0	45	61	165	0	2508
08:00	0	3	222	14	0	0	42	17	7	0	0	3	75	9	0	0	13	17	36	0	458
08:15	0	4	228	9	0	0	40	15	16	0	0	5	80	12	0	0	7	11	32	0	459
08:30	0	3	208	18	0	0	33	5	13	0	0	11	83	14	0	0	14	10	26	0	438
08:45	0	7	205	10	0	0	32	10	6	0	0	6	80	12	0	0	4	9	27	0	408
Total	0	17	863	51	0	0	147	47	42	0	0	25	318	47	0	0	38	47	121	0	1763
09:00	0	6	174	11	0	0	26	18	6	0	0	7	87	10	0	0	8	10	28	0	391
09:15	0	3	145	11	0	0	29	12	6	0	1	17	67	15	0	0	14	13	24	0	357
Total	0	9	319	22	0	0	55	30	12	0	1	24	154	25	0	0	22	23	52	0	748
10:30	1	2	111	5	0	0	23	8	6	0	0	16	98	17	0	0	11	9	22	0	329
10:45	0	4	132	6	0	0	16	6	2	0	0	11	100	16	0	0	6	10	17	0	326
Total	1	6	243	11	0	0	39	14	8	0	0	27	198	33	0	0	17	19	39	0	655
11:00	0	3	108	9	0	0	26	11	3	0	1	6	85	15	0	0	8	7	20	0	302
11:15	0	5	122	5	0	0	27	17	4	0	1	12	95	18	0	0	3	6	23	0	338
11:30	0	6	117	11	0	0	24	8	3	0	1	11	114	18	0	0	13	14	13	0	353
11:45	0	9	135	7	0	0	14	15	4	0	0	9	140	14	0	0	12	10	18	0	387
Total	0	23	482	32	0	0	91	51	14	0	3	38	434	65	0	0	36	37	74	0	1380
12:00	0	4	143	11	0	0	26	2	10	0	0	14	85	14	0	0	8	6	16	0	339
12:15	0	5	141	8	0	0	17	7	8	0	0	21	117	26	0	0	6	7	16	0	379
12:30	0	3	102	6	0	0	23	7	3	0	0	14	114	19	0	0	9	10	26	0	336
12:45	0	21	98	9	0	0	22	12	3	0	0	23	126	14	0	0	9	10	17	0	364
Total	0	33	484	34	0	0	88	28	24	0	0	72	442	73	0	0	32	33	75	0	1418
13:00	0	6	126	10	0	0	26	6	11	0	1	21	117	25	0	0	10	15	15	0	389
13:15	0	6	152	10	0	0	21	7	3	0	0	19	127	29	0	0	13	4	15	0	406
Total	0	12	278	20	0	0	47	13	14	0	1	40	244	54	0	0	23	19	30	0	795
14:30	0	6	129	7	0	0	24	15	6	0	0	24	221	26	0	0	14	12	17	0	501
14:45	0	10	149	16	0	0	15	15	11	0	0	23	279	25	0	0	14	7	21	0	585
Total	0	16	278	23	0	0	39	30	17	0	0	47	500	51	0	0	28	19	38	0	1086
15:00	0	6	103	12	0	0	19	10	8	0	0	25	225	39	0	0	8	12	20	0	487
15:15	0	8	131	11	0	0	21	17	6	0	0	41	315	38	0	0	21	21	20	0	650
15:30	0	10	134	10	0	0	20	16	10	0	1	24	281	49	2	0	33	25	20	0	635
15:45	0	10	129	7	0	0	25	18	13	0	0	27	349	49	0	0	20	15	14	0	676
Total	0	34	497	40	0	0	85	61	37	0	1	117	1170	175	2	0	82	73	74	0	2448
16:00	0	6	132	13	0	0	20	15	9	0	0	38	374	54	0	0	23	9	25	0	718
16:15	0	9	131	19	0	0	24	15	20	0	0	41	371	66	0	0	24	10	21	1	752
16:30	0	13	152	16	0	0	21	20	17	0	0	57	393	50	0	0	27	22	27	0	815
16:45	0	13	167	11	0	0	15	21	13	0	0	44	465	48	0	0	18	30	29	0	874
Total	0	41	582	59	0	0	80	71	59	0	0	180	1603	218	0	0	92	71	102	1	3159
17:00	0	11	154	8	0	0	31	20	11	0	0	29	410	60	0	0	27	27	17	0	805
17:15	0	9	155	8	0	0	22	16	19	0	0	48	364	69	0	0	14	23	29	0	776
17:30	0	10	168	7	0	0	19	12	7	0	0	42	422	47	0	0	23	17	30	0	804
17:45	0	3	119	13	0	0	19	16	4	0	1	37	348	50	0	0	11	21	32	0	674
Total	0	33	596	36	0	0	91	64	41	0	1	156	1544	226	0	0	75	88	108	0	3059
Grand Total	3	266	7632	419	0	0	1213	561	314	0	7	784	7280	1029	2	0	507	552	1053	1	21623
Apprch %	0	3.2	91.7	5	0	0	58.1	26.9	15	0	0.1	8.6	80	11.3	0	0	24	26.1	49.8	0	0
Total %	0	1.2	35.3	1.9	0	0	5.6	2.6	1.5	0	0	3.6	33.7	4.8	0	0	2.3	2.6	4.9	0	0
Cars +	2	253	7318	384	0	0	1182	517	290	0	7	704	6989	999	2	0	462	489	975	1	20574
% Cars +	66.7	95.1	95.9	91.6	0	0	97.4	92.2	92.4	0	100	89.8	96	97.1	100	0	91.1	88.6	92.6	100	95.1
Trucks	1	13	314	35	0	0	31	44	24	0	0	80	291	30	0	0	45	63	78	0	1049
% Trucks	33.3	4.9	4.1	8.4	0	0	2.6	7.8	7.6	0	0	10.2	4	2.9	0	0	8.9	11.4	7.4	0	4.9

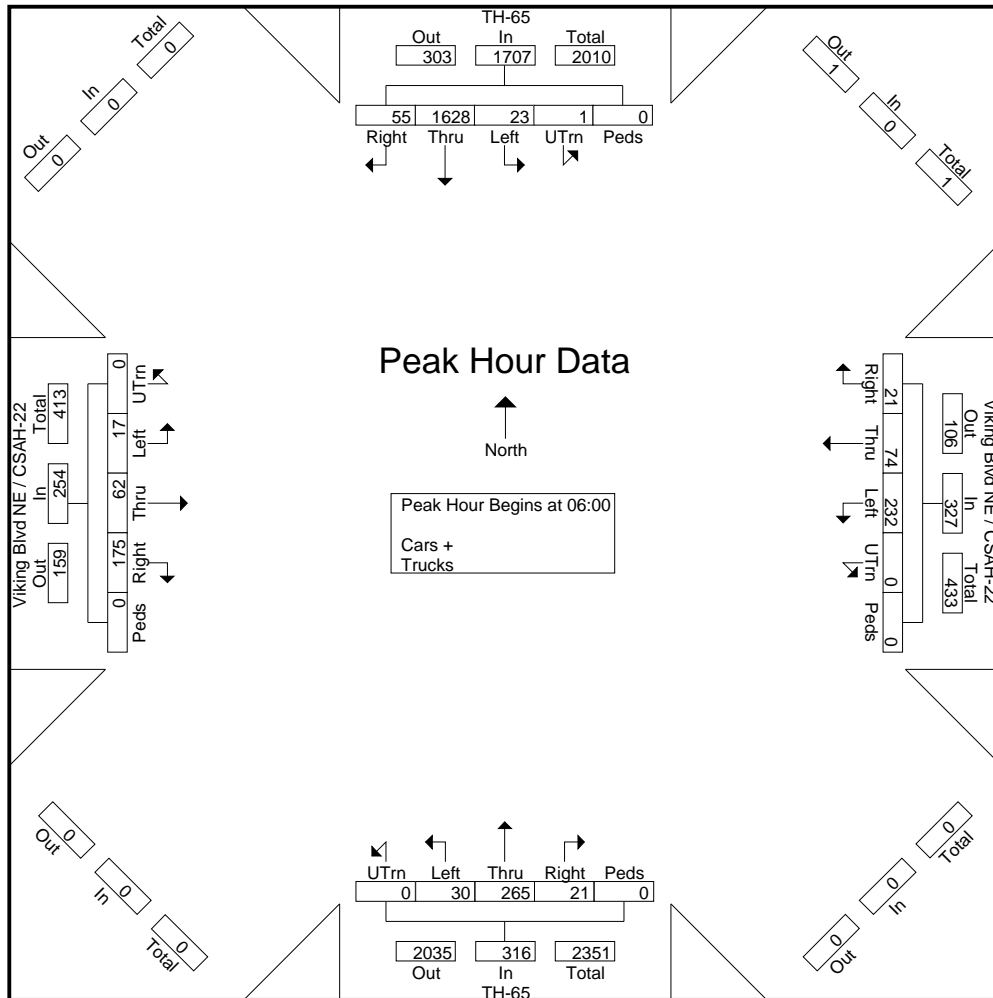
# Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Viking Blvd NE / CSAH-22  
 Ref.Pt.: 023.872  
 data by Alliant Inc  
 TURN MOVEMENT COUNT

File Name : 22 - TH 65 & Viking Blvd, 10-25-11  
 Site Code : 22  
 Start Date : 10/25/2011  
 Page No : 2

Start Time	TH-65 Southbound					Viking Blvd NE / CSAH-22 Westbound					TH-65 Northbound					Viking Blvd NE / CSAH-22 Eastbound					Int. Total				
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left		Thru	Right	Peds	App. Total
06:00	0	4	408	12	0	424	0	44	17	3	0	64	0	3	34	7	0	44	0	1	9	44	0	54	586
06:15	0	3	472	17	0	492	0	60	19	2	0	81	0	8	61	3	0	72	0	8	14	37	0	59	704
06:30	1	11	347	11	0	370	0	60	18	10	0	88	0	9	96	3	0	108	0	3	21	50	0	74	640
06:45	0	5	401	15	0	421	0	68	20	6	0	94	0	10	74	8	0	92	0	5	18	44	0	67	674
Total Volume	1	23	1628	55	0	1707	0	232	74	21	0	327	0	30	265	21	0	316	0	17	62	175	0	254	2604
% App. Total	0.1	1.3	95.4	3.2	0		0	70.9	22.6	6.4	0		0	9.5	83.9	6.6	0		0	6.7	24.4	68.9	0		
PHF	.250	.523	.862	.809	.000	.867	.000	.853	.925	.525	.000	.870	.000	.750	.690	.656	.000	.731	.000	.531	.738	.875	.000	.858	.925

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 06:00



# Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Viking Blvd NE / CSAH-22  
 Ref.Pt.: 023.872  
 data by Alliant Inc  
 TURN MOVEMENT COUNT

File Name : 22 - TH 65 & Viking Blvd, 10-25-11  
 Site Code : 22  
 Start Date : 10/25/2011  
 Page No : 3

Start Time	TH-65 Southbound						Viking Blvd NE / CSAH-22 Westbound						TH-65 Northbound						Viking Blvd NE / CSAH-22 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	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 16:30																									
16:30	0	13	152	16	0	181	0	21	20	17	0	58	0	57	393	50	0	500	0	27	22	27	0	76	815
16:45	0	13	167	11	0	191	0	15	21	13	0	49	0	44	465	48	0	557	0	18	30	29	0	77	874
17:00	0	11	154	8	0	173	0	31	20	11	0	62	0	29	410	60	0	499	0	27	27	17	0	71	805
17:15	0	9	155	8	0	172	0	22	16	19	0	57	0	48	364	69	0	481	0	14	23	29	0	66	776
Total Volume	0	46	628	43	0	717	0	89	77	60	0	226	0	178	1632	227	0	2037	0	86	102	102	0	290	3270
% App. Total	0	6.4	87.6	6	0		0	39.4	34.1	26.5	0		0	8.7	80.1	11.1	0		0	29.7	35.2	35.2	0		
PHF	.000	.885	.940	.672	.000	.938	.000	.718	.917	.789	.000	.911	.000	.781	.877	.822	.000	.914	.000	.796	.850	.879	.000	.942	.935

