

Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at CSAH-8 / 145th St / Frenchman Rd
 Ref Pt.: 152.578
 data by: Alliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : TH-61 at CSAH-8 145th St 2012
 Site Code : 24
 Start Date : 11/7/2012
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-61 Southbound					Driveway Entrance Westbound					TH-61 Northbound					Frenchman Rd / CSAH-8 / 145th ST 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	0	60	70	0	0	0	0	0	0	0	55	15	0	0	0	26	0	44	0	270
06:15	0	0	95	72	0	0	0	0	0	1	0	40	25	1	0	0	19	0	49	0	302
06:30	0	0	98	60	0	0	0	0	1	0	0	56	27	0	0	0	32	0	80	0	354
06:45	0	0	135	82	0	0	1	1	0	0	0	73	23	0	0	0	24	1	91	0	431
Total	0	0	388	284	0	0	1	1	1	1	0	224	90	1	0	0	101	1	264	0	1357
07:00	0	0	146	81	0	0	0	0	0	0	0	53	35	0	0	0	31	0	96	0	442
07:15	0	0	134	80	0	0	0	0	0	0	0	63	44	0	0	0	25	0	82	0	428
07:30	0	0	119	65	0	0	0	1	0	0	0	71	64	0	0	0	39	2	112	0	473
07:45	0	0	110	66	0	0	0	0	0	0	0	74	44	0	0	0	39	0	98	0	431
Total	0	0	509	292	0	0	0	1	0	0	0	261	187	0	0	0	134	2	388	0	1774
08:00	0	1	69	53	0	0	1	0	0	0	0	67	32	1	0	0	33	0	68	0	325
08:15	0	0	72	62	0	0	0	0	0	0	0	43	38	0	0	0	21	0	48	0	284
08:30	0	2	56	60	0	0	0	0	1	0	0	55	39	0	0	0	65	0	52	0	330
08:45	0	1	70	64	2	0	0	0	0	0	0	67	56	0	0	0	43	0	68	0	371
Total	0	4	267	239	2	0	1	0	1	0	0	232	165	1	0	0	162	0	236	0	1310
09:00	0	0	69	70	0	0	0	0	0	2	0	56	44	0	0	0	58	2	54	0	355
09:15	0	0	82	61	0	0	0	0	0	2	0	54	53	0	0	0	34	0	66	0	352
***** BREAK *****																					
Total	0	0	151	131	0	0	0	0	0	4	0	110	97	0	0	0	92	2	120	0	707
***** BREAK *****																					
10:30	0	1	64	41	0	0	0	1	1	0	1	45	51	0	0	0	39	0	44	0	288
10:45	0	2	59	41	0	0	0	1	0	2	1	52	51	0	0	0	37	0	44	0	290
Total	0	3	123	82	0	0	0	2	1	2	2	97	102	0	0	0	76	0	88	0	578
11:00	0	1	53	46	0	0	0	2	0	0	0	42	65	0	0	0	51	0	32	0	292
11:15	0	0	59	54	0	0	0	0	0	2	0	48	54	2	0	0	41	0	37	0	297
11:30	0	0	74	38	0	0	0	0	0	0	1	52	60	0	0	0	39	0	48	0	312
11:45	0	2	73	51	0	0	0	0	0	1	0	50	60	2	0	0	56	0	55	0	350
Total	0	3	259	189	0	0	0	2	0	3	1	192	239	4	0	0	187	0	172	0	1251
12:00	0	1	49	56	0	0	1	3	2	0	0	58	67	1	0	0	49	2	56	0	345
12:15	0	2	57	51	0	0	0	0	0	0	0	45	57	0	0	0	53	2	81	0	348
12:30	0	0	64	48	0	0	0	0	0	0	0	47	63	1	0	0	54	1	41	1	320
12:45	0	0	53	37	2	0	0	0	0	0	0	60	60	0	0	0	38	4	61	0	315
Total	0	3	223	192	2	0	1	3	2	0	0	210	247	2	0	0	194	9	239	1	1328
13:00	0	1	52	51	0	0	0	0	0	0	0	66	56	0	0	0	46	0	40	0	312
13:15	0	0	56	38	0	0	0	0	2	0	0	50	55	0	0	0	51	1	54	1	308
***** BREAK *****																					
Total	0	1	108	89	0	0	0	0	2	0	0	116	111	0	0	0	97	1	94	1	620
***** BREAK *****																					
14:30	0	0	57	56	0	0	1	0	0	0	0	55	88	0	0	0	56	0	58	0	371
14:45	0	0	56	46	0	0	1	0	0	0	0	67	96	3	0	0	43	0	58	0	370
Total	0	0	113	102	0	0	2	0	0	0	0	122	184	3	0	0	99	0	116	0	741
15:00	0	1	65	46	0	0	0	0	0	0	0	72	107	1	0	0	61	1	64	0	418
15:15	0	0	59	43	0	0	1	1	1	0	1	109	120	2	0	0	93	1	76	0	507
15:30	0	0	52	84	0	0	1	2	0	2	1	78	96	0	0	0	77	2	79	0	474
15:45	0	2	57	59	0	0	2	0	3	1	0	87	110	0	0	0	106	1	123	0	551
Total	0	3	233	232	0	0	4	3	4	3	2	346	433	3	0	0	337	5	342	0	1950

Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at CSAH-8 / 145th St /Frenchman Rd
 Ref Pt.: 152.578
 data by: Aliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : TH-61 at CSAH-8 145th St 2012
 Site Code : 24
 Start Date : 11/7/2012
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	TH-61 Southbound					Driveway Entrance Westbound					TH-61 Northbound					Frenchman Rd / CSAH-8 / 145th ST Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
16:00	0	1	45	58	0	0	1	1	2	0	2	99	100	2	0	0	88	1	103	2	505
16:15	0	2	59	61	0	0	1	0	0	0	0	115	138	1	0	0	83	0	94	0	554
16:30	0	0	76	63	0	0	0	0	0	0	0	95	110	0	0	0	110	4	103	0	561
16:45	0	1	68	53	0	0	0	0	0	0	0	114	124	0	0	0	98	2	93	0	553
Total	0	4	248	235	0	0	2	1	2	0	2	423	472	3	0	0	379	7	393	2	2173
17:00	0	0	72	65	0	0	0	0	0	0	0	140	118	0	0	0	123	2	116	1	637
17:15	0	1	76	59	0	0	0	2	1	0	0	121	119	2	0	0	71	1	103	0	556
17:30	0	0	53	51	0	0	0	0	1	4	0	88	105	1	0	0	107	3	112	0	525
17:45	0	2	55	49	0	0	0	0	1	1	0	79	119	3	0	0	91	2	80	0	482
Total	0	3	256	224	0	0	0	2	3	5	0	428	461	6	0	0	392	8	411	1	2200
18:00	0	2	56	59	0	0	0	3	1	0	0	85	79	2	0	0	81	21	85	0	474
18:15	0	6	51	48	0	0	0	3	0	0	0	81	93	0	0	0	81	41	63	0	467
Grand Total	0	32	2985	2398	4	0	11	21	17	18	7	2927	2960	25	0	0	2412	97	3011	5	16930
Apprch %	0	0.6	55.1	44.3	0.1	0	16.4	31.3	25.4	26.9	0.1	49.5	50	0.4	0	0	43.7	1.8	54.5	0.1	
Total %	0	0.2	17.6	14.2	0	0	0.1	0.1	0.1	0.1	0	17.3	17.5	0.1	0	0	14.2	0.6	17.8	0	
Cars	0	30	2792	2256	0	0	9	21	16	13	4	2739	2723	19	0	0	2289	97	2821	3	15832
% Cars	0	93.8	93.5	94.1	0	0	81.8	100	94.1	72.2	57.1	93.6	92	76	0	0	94.9	100	93.7	60	93.5
Trucks	0	2	193	142	4	0	2	0	1	5	3	188	237	6	0	0	123	0	190	2	1098
% Trucks	0	6.2	6.5	5.9	100	0	18.2	0	5.9	27.8	42.9	6.4	8	24	0	0	5.1	0	6.3	40	6.5

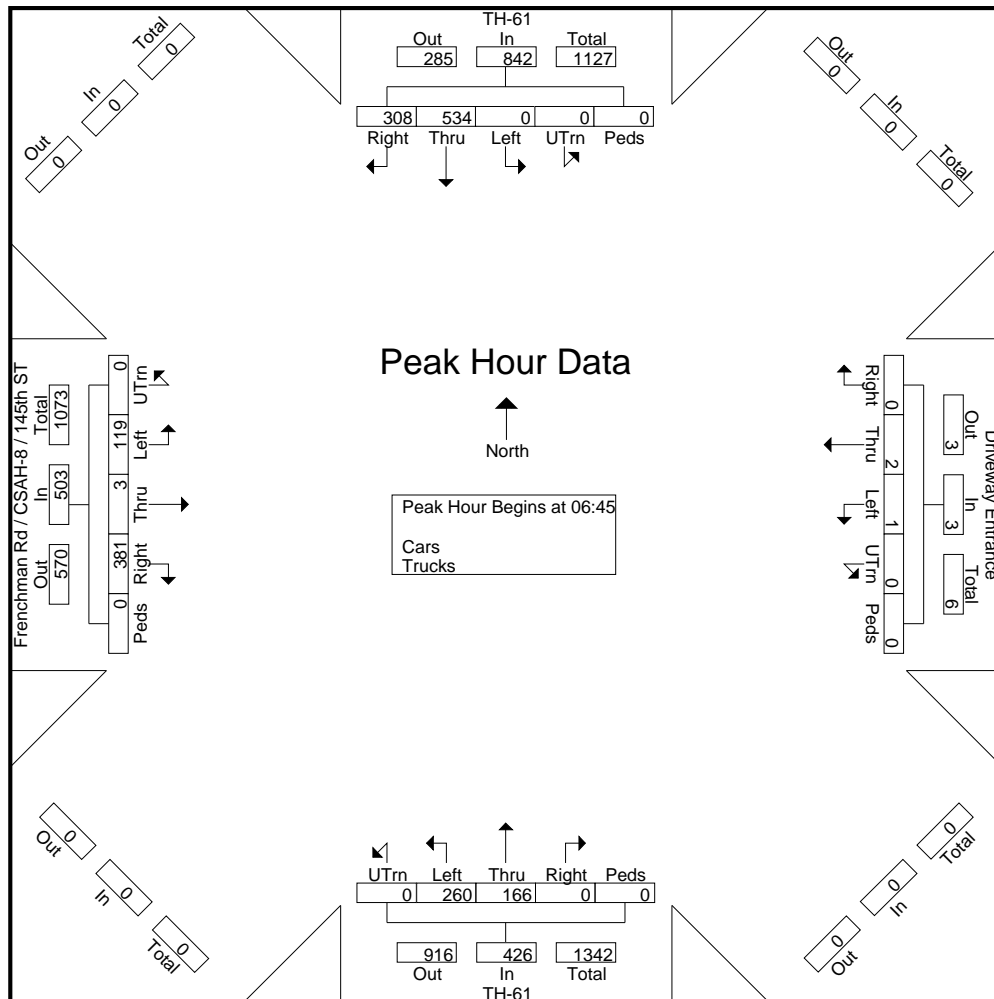
Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at CSAH-8 / 145th St / Frenchman Rd
 Ref Pt.: 152.578
 data by: Aliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : TH-61 at CSAH-8 145th St 2012
 Site Code : 24
 Start Date : 11/7/2012
 Page No : 3

Start Time	TH-61 Southbound						Driveway Entrance Westbound						TH-61 Northbound						Frenchman Rd / CSAH-8 / 145th ST 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	
06:45	0	0	135	82	0	217	0	1	1	0	0	2	0	73	23	0	0	96	0	24	1	91	0	116	431
07:00	0	0	146	81	0	227	0	0	0	0	0	0	0	53	35	0	0	88	0	31	0	96	0	127	442
07:15	0	0	134	80	0	214	0	0	0	0	0	0	0	63	44	0	0	107	0	25	0	82	0	107	428
07:30	0	0	119	65	0	184	0	0	1	0	0	1	0	71	64	0	0	135	0	39	2	112	0	153	473
Total Volume	0	0	534	308	0	842	0	1	2	0	0	3	0	260	166	0	0	426	0	119	3	381	0	503	1774
% App. Total	0	0	63.4	36.6	0		0	33.3	66.7	0	0		0	61	39	0	0		0	23.7	0.6	75.7	0		
PHF	.000	.000	.914	.939	.000	.927	.000	.250	.500	.000	.000	.375	.000	.890	.648	.000	.000	.789	.000	.763	.375	.850	.000	.822	.938

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 06:45



Alliant Engineering Inc Minneapolis, MN 55415

TH-61 at CSAH-8 / 145th St / Frenchman Rd
 Ref Pt.: 152.578
 data by: Aliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : TH-61 at CSAH-8 145th St 2012
 Site Code : 24
 Start Date : 11/7/2012
 Page No : 4

Start Time	TH-61 Southbound						Driveway Entrance Westbound						TH-61 Northbound						Frenchman Rd / CSAH-8 / 145th ST 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	
16:30	0	0	76	63	0	139	0	0	0	0	0	0	0	95	11	0	0	205	0	11	10	0	217	561	
16:45	0	1	68	53	0	122	0	0	0	0	0	0	0	11	124	0	0	238	0	98	2	93	0	193	553
17:00	0	0	72	65	0	137	0	0	0	0	0	0	0	140	118	0	0	258	0	123	2	116	1	242	637
17:15	0	1	76	59	0	136	0	0	2	1	0	3	0	121	119	2	0	242	0	71	1	103	0	175	556
Total Volume	0	2	292	240	0	534	0	0	2	1	0	3	0	470	471	2	0	943	0	402	9	415	1	827	2307
% App. Total	0	0.4	54.7	44.9	0		0	0	66.7	33.3	0		0	49.8	49.9	0.2	0		0	48.6	1.1	50.2	0.1		
PHF	.000	.500	.961	.923	.000	.960	.000	.000	.250	.250	.000	.250	.000	.839	.950	.250	.000	.914	.000	.817	.563	.894	.250	.854	.905

Peak Hour Analysis From 14:30 to 18:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 16:30

