

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-3 at Cliff Rd / CSAH-32
 Ref.Pt.: 036.776
 data by Alliant Engineering
 TURN MOVEMENT COUNT

File Name : 302 - TH 3 and Cliff Rd
 Site Code : 302
 Start Date : 4/7/2015
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				Cliff Rd / CSAH-32 Westbound				TH-3 Northbound				Cliff Rd / CSAH-32 Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
06:00	7	7	1	0	2	32	3	0	5	74	11	0	3	21	9	0	175
06:15	3	10	2	0	9	30	4	0	1	73	12	0	2	20	9	0	175
06:30	0	19	5	0	5	61	3	0	0	103	6	0	2	30	17	0	251
06:45	3	25	9	0	1	50	8	0	0	181	6	0	7	42	23	0	355
Total	13	61	17	0	17	173	18	0	6	431	35	0	14	113	58	0	956
07:00	2	36	5	0	7	32	10	0	0	173	16	0	13	49	28	0	371
07:15	1	40	6	0	12	40	11	0	7	158	8	0	24	55	30	0	392
07:30	10	32	5	0	9	48	6	0	5	262	15	0	15	56	22	0	485
07:45	8	41	5	0	21	42	1	0	8	286	10	0	19	46	33	0	520
Total	21	149	21	0	49	162	28	0	20	879	49	0	71	206	113	0	1768
08:00	13	46	7	0	20	30	8	0	8	199	25	0	5	48	26	0	435
08:15	5	30	7	0	9	20	11	0	7	175	6	0	4	47	28	0	349
08:30	6	27	5	0	6	29	9	0	9	124	2	0	6	31	24	0	278
08:45	5	22	5	0	4	21	7	0	8	104	11	0	5	30	19	0	241
Total	29	125	24	0	39	100	35	0	32	602	44	0	20	156	97	0	1303
09:00	5	40	6	0	11	21	15	0	17	111	9	0	10	28	23	0	296
09:15	5	41	7	0	10	28	10	0	26	114	8	0	12	38	19	0	318
*** BREAK ***																	
Total	10	81	13	0	21	49	25	0	43	225	17	0	22	66	42	0	614
*** BREAK ***																	
10:30	5	34	6	0	3	12	8	0	3	58	11	0	4	15	5	0	164
10:45	5	32	7	0	3	20	5	0	11	42	10	0	4	20	3	0	162
Total	10	66	13	0	6	32	13	0	14	100	21	0	8	35	8	0	326
11:00	8	43	3	0	8	16	11	0	11	65	9	0	3	22	1	0	200
11:15	6	35	8	0	4	12	10	0	6	58	4	0	8	19	7	0	177
11:30	7	56	6	0	2	12	13	0	2	30	6	0	4	19	7	0	164
11:45	10	42	4	0	6	26	12	0	8	54	5	0	3	20	16	0	206
Total	31	176	21	0	20	66	46	0	27	207	24	0	18	80	31	0	747
12:00	1	54	9	0	2	26	12	0	11	48	19	0	3	29	7	0	221
12:15	8	39	8	0	8	22	11	0	10	46	5	0	3	23	12	0	195
12:30	7	43	11	0	5	28	6	0	11	47	3	0	3	20	5	0	189
12:45	4	38	10	0	4	16	10	0	5	57	6	0	3	31	8	0	192
Total	20	174	38	0	19	92	39	0	37	198	33	0	12	103	32	0	797
13:00	6	29	4	0	3	26	9	0	4	48	4	0	1	20	10	0	164
13:15	9	46	5	0	3	20	6	0	8	44	3	0	4	26	3	0	177
*** BREAK ***																	
Total	15	75	9	0	6	46	15	0	12	92	7	0	5	46	13	0	341
*** BREAK ***																	
14:30	15	66	6	0	8	36	15	0	12	62	24	0	4	24	18	0	290
14:45	8	76	14	0	13	30	12	0	17	61	16	0	10	19	16	0	292
Total	23	142	20	0	21	66	27	0	29	123	40	0	14	43	34	0	582
15:00	20	66	12	0	6	31	20	0	14	62	5	0	4	23	11	0	274
15:15	15	112	7	0	7	29	21	0	13	55	11	0	11	31	9	0	321
15:30	12	102	7	0	13	32	7	0	13	65	10	0	11	31	13	0	316
15:45	16	134	11	0	7	36	15	0	26	78	18	0	7	36	15	0	399
Total	63	414	37	0	33	128	63	0	66	260	44	0	33	121	48	0	1310
16:00	23	141	11	0	2	50	23	0	12	48	18	0	13	29	3	0	373
16:15	8	183	13	0	6	37	19	0	8	71	7	0	14	44	13	0	423
16:30	11	174	9	0	7	53	9	0	20	78	4	0	8	48	7	0	428

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File Name : 302 - TH 3 and Cliff Rd
 Site Code : 302
 Start Date : 4/7/2015
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				Cliff Rd / CSAH-32 Westbound				TH-3 Northbound				Cliff Rd / CSAH-32 Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
16:45	5	170	11	6	5	61	13	0	11	74	8	0	22	49	14	0	449
Total	47	668	44	6	20	201	64	0	51	271	37	0	57	170	37	0	1673
17:00	3	176	14	0	4	63	22	0	10	87	7	0	9	43	17	0	455
17:15	3	227	11	0	7	54	28	0	1	78	15	0	21	81	13	0	539
17:30	4	233	16	0	11	69	31	0	12	91	14	0	14	58	9	0	562
17:45	14	194	12	0	8	46	12	0	16	71	6	0	14	44	16	0	453
Total	24	830	53	0	30	232	93	0	39	327	42	0	58	226	55	0	2009
18:00	11	36	21	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Grand Total	317	2997	331	6	281	1347	466	0	376	3715	393	0	332	1365	568	0	12494
Apprch %	8.7	82.1	9.1	0.2	13.4	64.3	22.3	0	8.4	82.9	8.8	0	14.7	60.3	25.1	0	
Total %	2.5	24	2.6	0	2.2	10.8	3.7	0	3	29.7	3.1	0	2.7	10.9	4.5	0	
Cars	310	2953	321	6	279	1259	442	0	368	3639	386	0	326	1313	559	0	12161
% Cars	97.8	98.5	97	100	99.3	93.5	94.8	0	97.9	98	98.2	0	98.2	96.2	98.4	0	97.3
Trucks	7	44	10	0	2	88	24	0	8	76	7	0	6	52	9	0	333
% Trucks	2.2	1.5	3	0	0.7	6.5	5.2	0	2.1	2	1.8	0	1.8	3.8	1.6	0	2.7

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Start Time	TH-3 Southbound					Cliff Rd / CSAH-32 Westbound					TH-3 Northbound					Cliff Rd / CSAH-32 Eastbound					Int. Total
	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	1	40	6	0	47	12	40	11	0	63	7	158	8	0	173	24	55	30	0	109	392
07:30	10	32	5	0	47	9	48	6	0	63	5	262	15	0	282	15	56	22	0	93	485
07:45	8	41	5	0	54	21	42	1	0	64	8	286	10	0	304	19	46	33	0	98	520
08:00	13	46	7	0	66	20	30	8	0	58	8	199	25	0	232	5	48	26	0	79	435
Total Volume	32	159	23	0	214	62	160	26	0	248	28	905	58	0	991	63	205	111	0	379	1832
% App. Total	15	74.3	10.7	0		25	64.5	10.5	0		2.8	91.3	5.9	0		16.6	54.1	29.3	0		
PHF	.615	.864	.821	.000	.811	.738	.833	.591	.000	.969	.875	.791	.580	.000	.815	.656	.915	.841	.000	.869	.881

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File Name : 302 - TH 3 and Cliff Rd
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Start Time	TH-3 Southbound					Cliff Rd / CSAH-32 Westbound					TH-3 Northbound					Cliff Rd / CSAH-32 Eastbound					Int. Total
	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	
Peak Hour Analysis From 12:00 to 18:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	3	176	14	0	193	4	63	22	0	89	10	87	7	0	104	9	43	17	0	69	455
17:15	3	227	11	0	241	7	54	28	0	89	1	78	15	0	94	21	81	13	0	115	539
17:30	4	233	16	0	253	11	69	31	0	111	12	91	14	0	117	14	58	9	0	81	562
17:45	14	194	12	0	220	8	46	12	0	66	16	71	6	0	93	14	44	16	0	74	453
Total Volume	24	830	53	0	907	30	232	93	0	355	39	327	42	0	408	58	226	55	0	339	2009
% App. Total	2.6	91.5	5.8	0		8.5	65.4	26.2	0		9.6	80.1	10.3	0		17.1	66.7	16.2	0		
PHF	.429	.891	.828	.000	.896	.682	.841	.750	.000	.800	.609	.898	.700	.000	.872	.690	.698	.809	.000	.737	.894

