

# Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

TH-77 at Diffley Rd / CSAH-30, east ramp

File Name : 28 TH 77 East Ramp at Diffley Rd

Site Code : 28

Ref.Pt.: 004.707

Start Date : 1/13/2012

TURN MOVEMENT COUNT

Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	ramp to TH-77 NB Southbound	Diffley Rd / CSAH-30 Westbound			ramp from TH-77 NB Northbound				Diffley Rd / CSAH-30 Eastbound			Int. Total
	Peds	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Peds	
06:00	0	18	90	0	2	0	2	0	8	20	0	140
06:15	1	35	110	0	5	1	4	0	8	40	0	204
06:30	0	55	163	0	6	0	5	0	13	47	0	289
06:45	0	50	167	0	4	0	5	1	16	51	0	294
Total	1	158	530	0	17	1	16	1	45	158	0	927
07:00	2	74	186	0	7	0	4	0	25	50	0	348
07:15	0	81	209	0	4	0	2	1	25	97	0	419
07:30	0	97	183	0	4	0	1	5	30	112	0	432
07:45	0	80	181	0	5	0	5	4	14	82	0	371
Total	2	332	759	0	20	0	12	10	94	341	0	1570
08:00	0	82	138	0	4	0	7	0	8	66	0	305
08:15	0	72	153	0	6	0	3	0	7	81	0	322
08:30	0	60	141	0	5	0	5	0	9	72	0	292
08:45	0	58	114	0	6	0	5	0	3	68	0	254
Total	0	272	546	0	21	0	20	0	27	287	0	1173
09:00	1	50	83	0	6	1	13	1	5	66	0	226
09:15	0	50	77	0	5	0	10	0	4	47	0	193
09:30	0	46	94	0	4	0	12	0	7	67	0	230
09:45	0	39	69	0	6	0	9	0	4	59	0	186
Total	1	185	323	0	21	1	44	1	20	239	0	835
10:00	0	39	61	0	6	0	11	0	4	60	0	181
10:15	2	55	60	0	6	0	11	0	2	44	0	180
10:30	0	80	26	0	5	0	6	0	4	61	0	182
10:45	1	46	55	0	14	0	4	0	6	50	0	176
Total	3	220	202	0	31	0	32	0	16	215	0	719
11:00	0	49	49	0	4	0	14	1	8	67	0	192
11:15	0	40	47	0	8	1	12	0	2	60	0	170
11:30	2	39	46	0	6	0	4	0	3	71	0	171
11:45	3	51	37	0	9	0	10	0	4	70	0	184
Total	5	179	179	0	27	1	40	1	17	268	0	717
12:00	0	45	51	0	10	0	10	0	8	86	0	210
12:15	0	40	43	0	9	0	10	0	7	82	0	191
12:30	1	35	49	0	10	0	9	0	9	71	0	184
12:45	1	52	59	0	6	0	9	0	7	71	0	205
Total	2	172	202	0	35	0	38	0	31	310	0	790
13:00	1	30	57	0	9	0	10	0	2	64	0	173
13:15	1	64	40	0	9	0	12	0	5	96	0	227
13:30	0	44	64	0	7	0	12	1	4	100	0	232
13:45	2	64	40	0	8	0	13	0	3	94	0	224
Total	4	202	201	0	33	0	47	1	14	354	0	856
14:00	1	81	41	0	4	0	13	3	5	109	0	257
14:15	1	47	34	0	7	0	10	1	11	135	0	246
14:30	3	73	61	0	4	1	7	5	9	120	0	283
14:45	0	59	51	0	11	0	11	1	5	135	0	273
Total	5	260	187	0	26	1	41	10	30	499	0	1059
15:00	1	70	59	0	9	0	11	0	7	157	0	314

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Groups Printed- Cars - Heavy Vehicles

Start Time	ramp to TH-77 NB Southbo und	Diffley Rd / CSAH-30 Westbound			ramp from TH-77 NB Northbound				Diffley Rd / CSAH-30 Eastbound			Int. Total
	Peds	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Peds	
15:15	0	74	62	1	12	1	14	1	4	166	0	335
15:30	2	60	62	0	9	0	14	0	5	187	0	339
15:45	1	91	57	0	11	1	16	1	8	170	0	356
Total	4	295	240	1	41	2	55	2	24	680	0	1344
16:00	0	75	49	0	12	1	14	0	8	199	0	358
16:15	2	82	53	0	12	0	12	2	9	209	0	381
16:30	0	70	46	0	7	0	24	0	10	212	0	369
16:45	0	68	58	0	6	0	20	2	5	235	0	394
Total	2	295	206	0	37	1	70	4	32	855	0	1502
17:00	0	69	69	0	14	0	21	2	3	249	0	427
17:15	1	91	65	0	13	0	22	1	6	231	0	430
17:30	0	74	68	0	13	5	14	2	5	249	0	430
17:45	3	75	58	0	17	0	26	3	1	205	0	388
Total	4	309	260	0	57	5	83	8	15	934	0	1675
18:00	0	50	68	0	10	0	13	1	5	178	0	325
18:15	1	76	60	0	5	0	21	0	4	164	0	331
18:30	1	52	60	0	14	1	20	3	7	161	0	319
18:45	0	59	77	0	12	1	14	1	5	155	0	324
Total	2	237	265	0	41	2	68	5	21	658	0	1299
Grand Total	35	3116	4100	1	407	14	566	43	386	5798	0	14466
Apprch %	100	43.2	56.8	0	39.5	1.4	55	4.2	6.2	93.8	0	
Total %	0.2	21.5	28.3	0	2.8	0.1	3.9	0.3	2.7	40.1	0	
Cars	34	2954	3974	1	384	14	524	43	377	5586	0	13891
% Cars	97.1	94.8	96.9	100	94.3	100	92.6	100	97.7	96.3	0	96
Heavy Vehicles	1	162	126	0	23	0	42	0	9	212	0	575
% Heavy Vehicles	2.9	5.2	3.1	0	5.7	0	7.4	0	2.3	3.7	0	4

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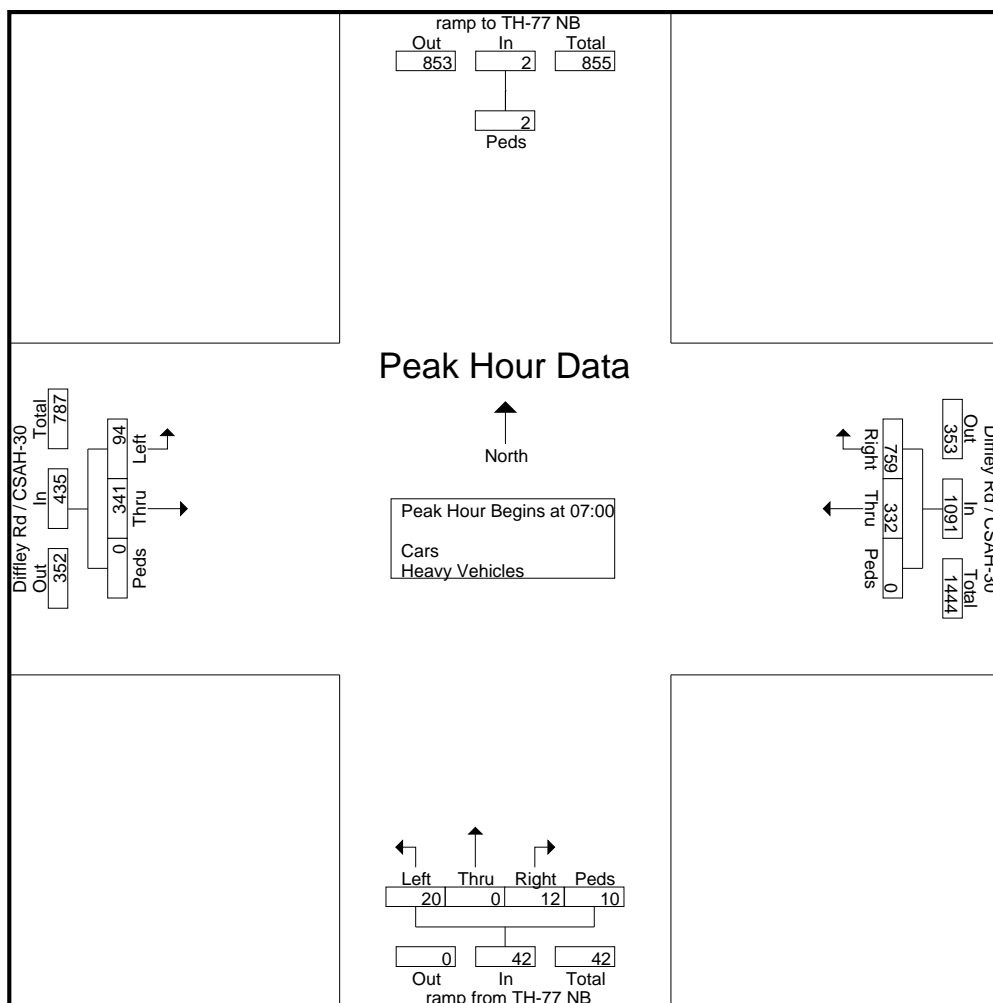
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Start Time	ramp to TH-77 NB Southbound		Diffley Rd / CSAH-30 Westbound				ramp from TH-77 NB Northbound					Diffley Rd / CSAH-30 Eastbound				Int. Total
	Peds	App. Total	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:00 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:00																
07:00	2	2	74	186	0	260	7	0	4	0	11	25	50	0	75	348
07:15	0	0	81	209	0	290	4	0	2	1	7	25	97	0	122	419
07:30	0	0	97	183	0	280	4	0	1	5	10	30	112	0	142	432
07:45	0	0	80	181	0	261	5	0	5	4	14	14	82	0	96	371
Total Volume	2	2	332	759	0	1091	20	0	12	10	42	94	341	0	435	1570
% App. Total	100		30.4	69.6	0		47.6	0	28.6	23.8		21.6	78.4	0		
PHF	.250	.250	.856	.908	.000	.941	.714	.000	.600	.500	.750	.783	.761	.000	.766	.909



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	Peds	App. Total	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	
Peak Hour Analysis From 15:00 to 18:45 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 16:45																
16:45	0	0	68	58	0	126	6	0	20	2	28	5	235	0	240	394
17:00	0	0	69	69	0	138	14	0	21	2	37	3	249	0	252	427
17:15	1	1	91	65	0	156	13	0	22	1	36	6	231	0	237	430
17:30	0	0	74	68	0	142	13	5	14	2	34	5	249	0	254	430
Total Volume	1	1	302	260	0	562	46	5	77	7	135	19	964	0	983	1681
% App. Total	100		53.7	46.3	0		34.1	3.7	57	5.2		1.9	98.1	0		
PHF	.250	.250	.830	.942	.000	.901	.821	.250	.875	.875	.912	.792	.968	.000	.968	.977

