

# Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

TH-77 at Diffley Rd./CSAH-30 West ramps

File Name : 27 TH 77 West Ramp & Diffley Rd

Site Code : 22

Ref.Pt.: 004.707

Start Date : 1/13/2012

TURN MOVEMENT COUNT

Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	ramp from TH-77 SB Southbound				Diffley Rd / CSAH-30 Westbound			ramp to TH-77 SB Northbound	Diffley Rd / CSAH-30 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Peds	Peds	Left	Thru	Right	Peds	
06:00	12	1	4	0	3	15	0	0	0	22	2	0	59
06:15	18	0	3	1	11	30	0	0	0	28	2	0	93
06:30	17	0	1	0	7	46	0	0	0	43	8	0	122
06:45	16	0	8	0	6	54	0	1	0	50	6	0	141
Total	63	1	16	1	27	145	0	1	0	143	18	0	415
07:00	21	0	6	2	8	79	0	1	0	46	15	0	178
07:15	23	0	4	0	10	68	0	3	2	107	38	0	255
07:30	36	0	3	0	25	72	0	6	3	82	19	0	246
07:45	27	1	2	0	18	66	0	1	0	58	11	0	184
Total	107	1	15	2	61	285	0	11	5	293	83	0	863
08:00	31	0	1	0	18	68	0	0	0	48	12	0	178
08:15	31	0	5	0	13	58	0	0	0	49	7	0	163
08:30	36	0	3	0	16	48	0	0	0	44	5	0	152
08:45	37	0	6	0	11	55	0	0	0	37	7	0	153
Total	135	0	15	0	58	229	0	0	0	178	31	0	646
09:00	34	0	5	1	14	37	0	1	0	34	7	0	133
09:15	22	1	3	0	13	39	0	0	0	29	9	0	116
09:30	28	0	5	0	9	41	0	0	0	38	11	0	132
09:45	34	0	4	0	13	32	0	0	0	32	5	0	120
Total	118	1	17	1	49	149	0	1	0	133	32	0	501
10:00	33	0	1	1	5	42	0	0	0	31	7	0	120
10:15	22	0	5	1	19	54	0	0	0	26	17	0	144
10:30	27	0	2	0	18	64	0	0	0	41	12	0	164
10:45	27	0	6	0	9	50	0	0	0	26	15	0	133
Total	109	0	14	2	51	210	0	0	0	124	51	0	561
11:00	37	0	4	2	12	47	0	1	0	37	10	0	150
11:15	21	0	5	1	9	42	0	0	0	37	12	0	127
11:30	47	0	7	1	9	36	0	0	0	33	8	0	141
11:45	38	0	9	2	18	49	0	1	0	32	8	0	157
Total	143	0	25	6	48	174	0	2	0	139	38	0	575
12:00	41	0	4	0	12	34	0	0	0	49	8	0	148
12:15	46	0	6	0	12	38	0	0	0	43	5	0	150
12:30	40	1	5	1	16	29	0	0	0	39	11	0	142
12:45	39	0	8	1	10	45	0	0	0	31	9	0	143
Total	166	1	23	2	50	146	0	0	0	162	33	0	583
13:00	40	1	7	2	7	34	0	0	0	31	11	0	133
13:15	63	0	3	0	17	59	0	1	0	36	13	0	192
13:30	56	0	4	0	15	35	0	0	0	47	11	0	168
13:45	52	0	5	2	13	58	0	0	0	45	17	0	192
Total	211	1	19	4	52	186	0	1	0	159	52	0	685
14:00	71	0	4	0	22	58	0	6	0	44	16	0	221
14:15	73	13	8	0	15	43	0	5	0	65	25	0	247
14:30	67	1	7	1	21	51	0	6	0	58	20	0	232
14:45	87	0	11	0	13	56	0	1	0	50	19	0	237
Total	298	14	30	1	71	208	0	18	0	217	80	0	937
15:00	102	3	1	1	21	62	0	0	0	65	15	0	270

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Groups Printed- Cars - Heavy Vehicles

Start Time	ramp from TH-77 SB Southbound				Diffley Rd / CSAH-30 Westbound			ramp to TH-77 SB Northbound	Diffley Rd / CSAH-30 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Peds	Peds	Left	Thru	Right	Peds	
15:15	94	1	2	0	19	65	0	1	0	74	22	0	278
15:30	124	0	11	0	18	53	0	2	0	60	22	0	290
15:45	110	1	5	1	22	70	0	0	0	61	17	0	287
Total	430	5	19	2	80	250	0	3	0	260	76	0	1125
16:00	151	0	5	0	15	63	0	1	0	73	25	0	333
16:15	145	0	6	1	20	66	0	2	0	72	29	0	341
16:30	159	0	11	0	21	52	0	0	0	76	10	0	329
16:45	184	0	12	0	14	62	0	0	0	81	18	0	371
Total	639	0	34	1	70	243	0	3	0	302	82	0	1374
17:00	171	0	14	1	23	59	0	2	0	80	20	0	370
17:15	181	0	4	1	19	89	0	1	0	77	26	0	398
17:30	147	0	12	1	18	68	0	3	0	103	21	0	373
17:45	146	0	7	0	17	73	0	2	0	60	15	0	320
Total	645	0	37	3	77	289	0	8	0	320	82	0	1461
18:00	125	0	9	0	18	50	0	0	0	58	14	0	274
18:15	107	1	9	0	26	54	0	2	0	50	12	0	261
18:30	92	0	5	1	22	54	0	3	0	52	13	0	242
18:45	116	1	7	0	20	49	0	1	0	47	13	0	254
Total	440	2	30	1	86	207	0	6	0	207	52	0	1031
Grand Total	3504	26	294	26	780	2721	0	54	5	2637	710	0	10757
Apprch %	91	0.7	7.6	0.7	22.3	77.7	0	100	0.1	78.7	21.2	0	
Total %	32.6	0.2	2.7	0.2	7.3	25.3	0	0.5	0	24.5	6.6	0	
Cars	3395	25	286	26	735	2574	0	54	5	2499	678	0	10277
% Cars	96.9	96.2	97.3	100	94.2	94.6	0	100	100	94.8	95.5	0	95.5
Heavy Vehicles	109	1	8	0	45	147	0	0	0	138	32	0	480
% Heavy Vehicles	3.1	3.8	2.7	0	5.8	5.4	0	0	0	5.2	4.5	0	4.5

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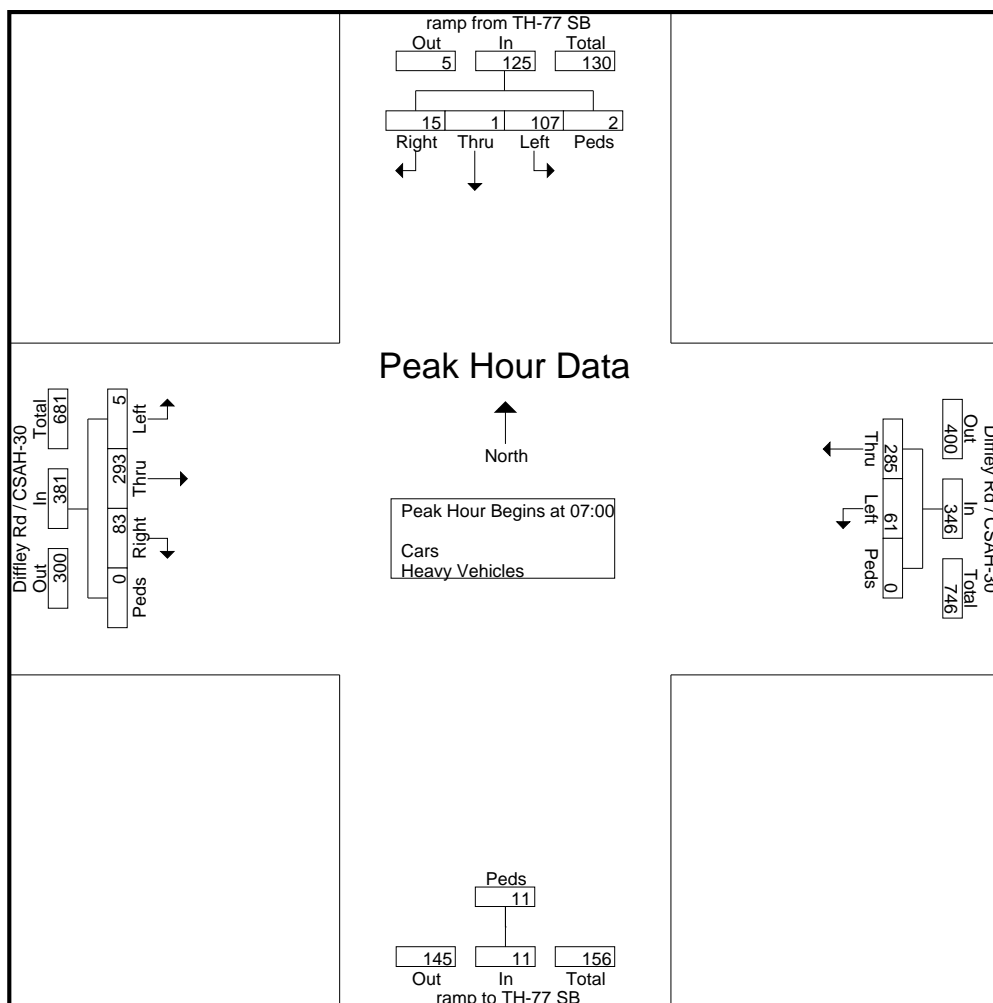
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Start Time	ramp from TH-77 SB Southbound					Diffley Rd / CSAH-30 Westbound				ramp to TH-77 SB Northbound		Diffley Rd / CSAH-30 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Peds	App. Total	Left	Thru	Right	Peds	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	21	0	6	2	29	8	79	0	87	1	1	0	46	15	0	61	178
07:15	23	0	4	0	27	10	68	0	78	3	3	2	107	38	0	147	255
07:30	36	0	3	0	39	25	72	0	97	6	6	3	82	19	0	104	246
07:45	27	1	2	0	30	18	66	0	84	1	1	0	58	11	0	69	184
Total Volume	107	1	15	2	125	61	285	0	346	11	11	5	293	83	0	381	863
% App. Total	85.6	0.8	12	1.6		17.6	82.4	0		100		1.3	76.9	21.8	0		
PHF	.743	.250	.625	.250	.801	.610	.902	.000	.892	.458	.458	.417	.685	.546	.000	.648	.846



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Peds	App. Total	Left	Thru	Right	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	184	0	12	0	196	14	62	0	76	0	0	0	81	18	0	99	371
17:00	171	0	14	1	186	23	59	0	82	2	2	0	80	20	0	100	370
17:15	181	0	4	1	186	19	89	0	108	1	1	0	77	26	0	103	398
17:30	147	0	12	1	160	18	68	0	86	3	3	0	103	21	0	124	373
Total Volume	683	0	42	3	728	74	278	0	352	6	6	0	341	85	0	426	1512
% App. Total	93.8	0	5.8	0.4		21	79	0		100		0	80	20	0		
PHF	.928	.000	.750	.750	.929	.804	.781	.000	.815	.500	.500	.000	.828	.817	.000	.859	.950

