

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

I-94 at TH-95, north ramps
Lakeland, MN
Ref.Pt.: 258.221
TURN MOVEMENT COUNT

File Name : I-94 at TH-95 north ramps 2012
Site Code : 14
Start Date : 4/10/2012
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	TH-95 / St Croix Trail N Southbound				ramp from I-94 WB Westbound				TH-95 / St Croix Trail N Northbound				ramp to I-94 WB Eastbound	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Peds	
06:00	0	12	18	0	10	0	72	0	31	21	0	0	0	164
06:15	0	17	19	0	14	0	63	0	58	40	0	0	0	211
06:30	0	27	32	0	11	0	85	0	73	49	0	0	5	282
06:45	0	40	17	0	26	0	75	0	58	46	0	0	0	262
Total	0	96	86	0	61	0	295	0	220	156	0	0	5	919
07:00	0	41	23	0	11	2	77	1	69	63	0	0	0	287
07:15	0	46	35	0	24	0	102	0	67	50	0	0	0	324
07:30	0	44	25	0	35	1	113	0	58	64	0	0	0	340
07:45	0	70	17	0	31	0	111	0	65	48	0	0	0	342
Total	0	201	100	0	101	3	403	1	259	225	0	0	0	1293
08:00	0	48	30	0	24	0	74	0	56	28	0	0	0	260
08:15	0	50	8	0	30	0	70	0	33	38	0	0	0	229
08:30	0	61	12	0	25	0	55	0	49	40	0	0	0	242
08:45	0	45	7	0	27	0	46	0	54	52	0	0	0	231
Total	0	204	57	0	106	0	245	0	192	158	0	0	0	962
09:00	0	39	13	0	21	0	47	0	43	30	0	0	0	193
09:15	0	44	7	0	26	0	40	0	21	21	0	0	0	159
09:30	0	32	6	0	22	1	47	0	24	23	0	0	0	155
09:45	0	51	16	0	25	2	41	0	28	16	0	0	0	179
Total	0	166	42	0	94	3	175	0	116	90	0	0	0	686
10:00	0	45	16	0	24	0	33	0	12	20	0	0	0	150
10:15	0	51	9	0	27	0	40	0	28	29	0	0	0	184
10:30	0	47	11	0	18	0	42	0	29	36	0	0	0	183
10:45	0	67	15	0	25	0	49	0	21	32	0	0	0	209
Total	0	210	51	0	94	0	164	0	90	117	0	0	0	726
11:00	0	60	21	0	31	1	48	0	18	44	0	0	0	223
11:15	0	41	19	0	34	0	54	0	17	24	0	0	0	189
11:30	0	48	25	0	19	0	47	0	22	36	1	0	0	198
11:45	0	64	15	0	38	0	49	0	22	36	0	0	0	224
Total	0	213	80	0	122	1	198	0	79	140	1	0	0	834
12:00	0	53	19	0	25	0	41	0	16	29	0	0	0	183
12:15	0	53	18	0	38	0	53	0	25	35	0	0	0	222
12:30	0	52	21	0	30	0	40	0	17	38	0	0	0	198
12:45	0	76	16	0	37	0	35	0	13	41	0	0	0	218
Total	0	234	74	0	130	0	169	0	71	143	0	0	0	821
13:00	0	56	31	0	28	0	39	0	14	36	0	0	0	204
13:15	0	67	15	0	27	0	54	0	21	29	0	0	0	213
13:30	0	61	14	0	31	4	71	0	17	35	0	0	0	233
13:45	0	59	12	0	33	2	63	0	21	38	0	0	0	228
Total	0	243	72	0	119	6	227	0	73	138	0	0	0	878
14:00	0	61	12	0	34	0	58	0	13	50	0	0	0	228
14:15	0	73	21	0	30	0	64	0	20	49	0	0	0	257
14:30	0	94	21	0	35	0	57	0	19	30	0	0	0	256
14:45	0	216	30	0	42	0	39	0	10	37	0	1	0	375
Total	0	444	84	0	141	0	218	0	62	166	0	1	0	1116
15:00	0	149	23	0	53	5	47	0	24	26	0	0	0	327

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Groups Printed- Cars - Heavy Vehicles

Start Time	TH-95 / St Croix Trail N Southbound				ramp from I-94 WB Westbound				TH-95 / St Croix Trail N Northbound				ramp to I-94 WB Eastbound	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Peds	
15:15	0	111	18	0	43	0	43	0	23	44	0	0	0	282
15:30	0	130	34	0	41	0	68	0	37	28	0	0	0	338
15:45	0	125	20	0	43	0	53	0	20	43	0	0	0	304
Total	0	515	95	0	180	5	211	0	104	141	0	0	0	1251
16:00	0	137	41	0	39	0	51	0	19	31	0	0	0	318
16:15	0	173	20	0	46	0	50	0	18	25	0	0	0	332
16:30	0	143	30	0	51	1	63	0	24	51	0	0	0	363
16:45	0	155	25	0	53	3	54	0	23	56	0	0	0	369
Total	0	608	116	0	189	4	218	0	84	163	0	0	0	1382
17:00	0	138	21	0	49	0	44	0	30	33	1	0	0	316
17:15	0	156	13	0	55	6	58	1	25	42	0	0	0	356
17:30	0	91	14	1	60	0	57	0	35	49	0	0	0	307
17:45	0	108	11	0	46	0	49	0	27	41	0	0	0	282
Total	0	493	59	1	210	6	208	1	117	165	1	0	0	1261
18:00	0	82	12	0	48	1	49	0	17	35	0	0	0	244
18:15	0	60	12	0	41	0	44	0	19	44	0	0	0	220
18:30	0	64	12	0	31	1	33	0	12	29	0	0	0	182
18:45	0	58	14	1	40	1	38	0	18	31	0	0	0	201
Total	0	264	50	1	160	3	164	0	66	139	0	0	0	847
Grand Total	0	3891	966	2	1707	31	2895	2	1533	1941	2	1	5	12976
Apprch %	0	80.1	19.9	0	36.8	0.7	62.5	0	44.1	55.8	0.1	0	100	
Total %	0	30	7.4	0	13.2	0.2	22.3	0	11.8	15	0	0	0	
Cars	0	3684	945	2	1684	31	2832	2	1508	1779	2	1	5	12475
% Cars	0	94.7	97.8	100	98.7	100	97.8	100	98.4	91.7	100	100	100	96.1
Heavy Vehicles	0	207	21	0	23	0	63	0	25	162	0	0	0	501
% Heavy Vehicles	0	5.3	2.2	0	1.3	0	2.2	0	1.6	8.3	0	0	0	3.9

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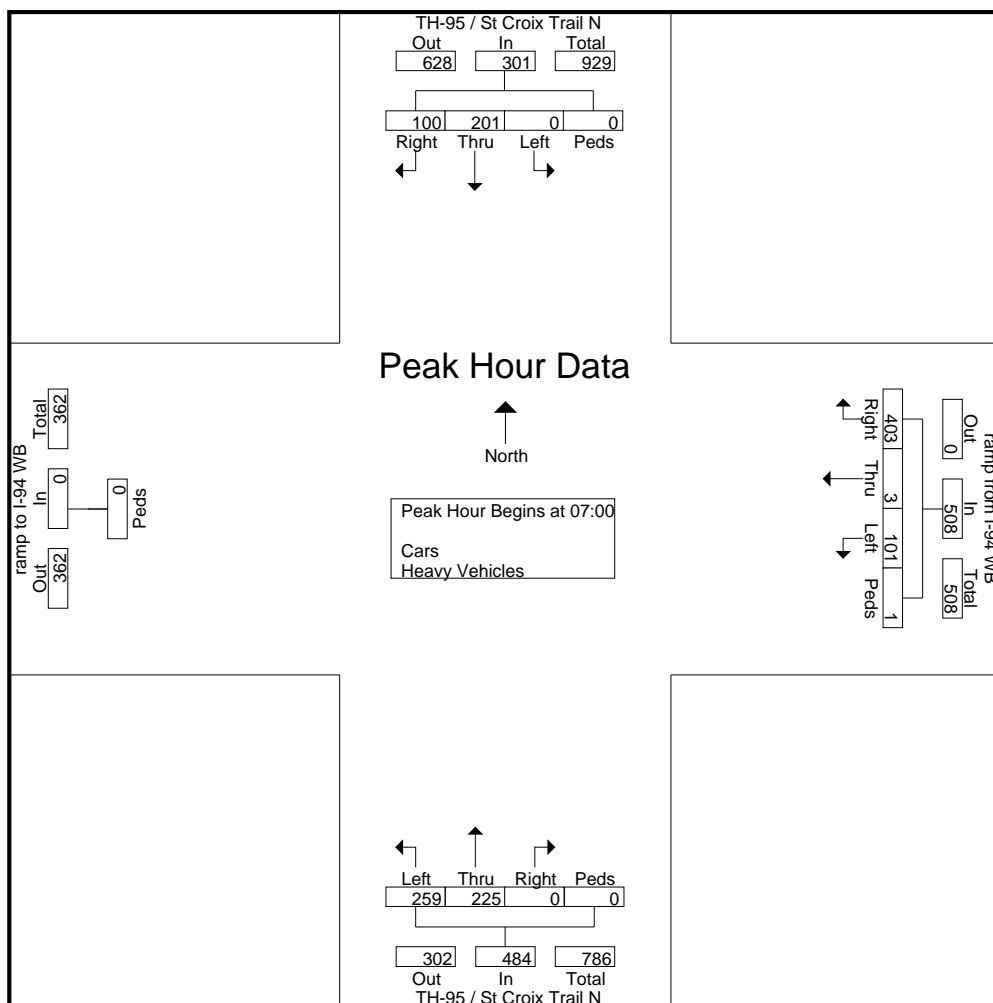
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:00 - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 07:00																		
07:00	0	41	23	0	64	11	2	77	1	91	69	63	0	0	132	0	0	287
07:15	0	46	35	0	81	24	0	102	0	126	67	50	0	0	117	0	0	324
07:30	0	44	25	0	69	35	1	113	0	149	58	64	0	0	122	0	0	340
07:45	0	70	17	0	87	31	0	111	0	142	65	48	0	0	113	0	0	342
Total Volume	0	201	100	0	301	101	3	403	1	508	259	225	0	0	484	0	0	1293
% App. Total	0	66.8	33.2	0		19.9	0.6	79.3	0.2		53.5	46.5	0	0		0	0	
PHF	.000	.718	.714	.000	.865	.721	.375	.892	.250	.852	.938	.879	.000	.000	.917	.000	.000	.945



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Peds	App. Total		
Peak Hour Analysis From 15:00 to 18:45 - Peak 1 of 1																			
Peak Hour for Entire Intersection Begins at 16:30																			
16:30	0	143	30	0	173	51	1	63	0	115	24	51	0	0	75	0	0	363	
16:45	0	155	25	0	180	53	3	54	0	110	23	56	0	0	79	0	0	369	
17:00	0	138	21	0	159	49	0	44	0	93	30	33	1	0	64	0	0	316	
17:15	0	156	13	0	169	55	6	58	1	120	25	42	0	0	67	0	0	356	
Total Volume	0	592	89	0	681	208	10	219	1	438	102	182	1	0	285	0	0	1404	
% App. Total	0	86.9	13.1	0		47.5	2.3	50	0.2		35.8	63.9	0.4	0		0			
PHF	.000	.949	.742	.000	.946	.945	.417	.869	.250	.913	.850	.813	.250	.000	.902	.000	.000	.951	

