

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

I-494 at Tamarack Rd, east ramps
Woodbury, MN
Ref.Pt. : 059.025
TURN MOVEMENT COUNT

File Name : 17 I-494 East Ramp at Tamarack Rd
Site Code : 17
Start Date : 1/13/2012
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	loop from / ramp to I-494 NB Southbound				Tamarack Rd Westbound				Northbound				Tamarack Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	7	1	7	0	0	35	65	0	0	0	0	0	9	31	0	0	155
06:15	24	0	4	0	0	45	81	0	0	0	0	0	13	29	0	0	196
06:30	37	0	1	0	0	56	99	0	0	0	0	0	25	49	0	0	267
06:45	43	0	0	0	1	62	119	0	0	0	0	1	26	103	0	0	355
Total	111	1	12	0	1	198	364	0	0	0	0	1	73	212	0	0	973
07:00	50	0	3	0	0	124	133	0	0	0	0	0	30	90	0	0	430
07:15	72	1	3	0	0	101	130	0	0	0	0	0	41	110	0	0	458
07:30	92	2	2	0	0	111	133	0	0	0	0	0	37	164	0	0	541
07:45	125	0	7	0	0	83	117	0	0	0	0	0	36	199	0	0	567
Total	339	3	15	0	0	419	513	0	0	0	0	0	144	563	0	0	1996
08:00	62	1	9	0	0	66	111	0	0	0	2	0	38	123	0	0	412
08:15	67	1	3	0	0	73	100	0	0	0	0	0	13	135	0	0	392
08:30	56	0	2	0	1	49	114	0	0	0	0	0	12	93	0	0	327
08:45	65	0	4	0	0	50	82	0	0	0	0	0	21	149	2	0	373
Total	250	2	18	0	1	238	407	0	0	0	2	0	84	500	2	0	1504
09:00	40	0	9	0	0	58	72	0	0	0	0	0	19	104	0	0	302
09:15	34	0	4	0	0	47	80	0	0	0	0	0	34	99	0	0	298
09:30	45	0	2	0	0	56	75	0	0	0	0	0	17	100	0	0	295
09:45	48	0	5	0	0	41	70	0	0	0	0	0	7	91	0	0	262
Total	167	0	20	0	0	202	297	0	0	0	0	0	77	394	0	0	1157
10:00	50	0	2	0	0	56	71	0	0	0	0	0	18	84	0	0	281
10:15	29	0	0	0	0	60	62	0	0	0	0	0	15	75	0	0	241
10:30	41	0	3	0	0	50	78	0	0	0	0	0	13	72	0	0	257
10:45	41	0	1	0	0	55	48	0	0	0	0	0	11	96	0	0	252
Total	161	0	6	0	0	221	259	0	0	0	0	0	57	327	0	0	1031
11:00	49	0	2	0	0	61	70	0	0	0	0	0	6	108	0	0	296
11:15	57	0	4	0	0	72	75	0	0	0	0	0	26	114	0	0	348
11:30	64	0	1	0	0	75	78	0	0	0	0	0	20	149	1	0	388
11:45	56	1	4	0	0	69	77	0	0	0	1	0	16	141	0	0	365
Total	226	1	11	0	0	277	300	0	0	0	1	0	68	512	1	0	1397
12:00	47	1	3	0	0	76	61	0	0	0	0	0	13	124	0	0	325
12:15	43	3	4	0	1	57	70	0	0	0	0	0	13	95	0	0	286
12:30	40	0	3	0	0	63	80	0	0	0	0	0	10	117	1	0	314
12:45	58	0	3	0	0	79	81	0	0	0	0	0	13	119	0	0	353
Total	188	4	13	0	1	275	292	0	0	0	0	0	49	455	1	0	1278
13:00	47	1	5	0	0	68	71	0	0	0	0	0	27	101	0	0	320
13:15	52	1	3	0	1	84	67	0	0	0	0	0	26	114	0	0	348
13:30	39	0	0	0	0	68	62	0	0	0	0	0	15	108	0	0	292
13:45	39	0	2	0	0	82	60	0	0	0	0	0	22	114	0	0	319
Total	177	2	10	0	1	302	260	0	0	0	0	0	90	437	0	0	1279
14:00	43	0	3	0	0	86	69	0	0	0	0	0	22	118	1	0	342
14:15	34	0	9	0	0	98	90	0	0	0	0	0	20	124	0	0	375
14:30	72	0	5	0	0	98	76	0	0	0	0	0	38	141	1	0	431
14:45	66	0	13	0	0	51	86	0	0	0	0	0	35	162	0	0	413
Total	215	0	30	0	0	333	321	0	0	0	0	0	115	545	2	0	1561
15:00	65	1	6	0	0	102	78	0	0	0	0	0	71	145	0	0	468
15:15	70	0	2	0	0	83	80	0	0	0	0	1	43	162	0	0	441
15:30	84	1	7	0	0	90	71	0	0	0	0	0	39	182	0	0	474
15:45	76	0	6	0	0	79	73	0	0	0	0	0	26	197	0	0	457
Total	295	2	21	0	0	354	302	0	0	0	0	1	179	686	0	0	1840

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Groups Printed- Cars - Heavy Vehicles

Start Time	loop from / ramp to I-494 NB Southbound				Tamarack Rd Westbound				Northbound				Tamarack Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	80	1	6	0	0	132	111	0	0	0	0	2	59	235	0	0	626
16:15	87	0	4	0	0	107	104	0	0	0	0	1	29	220	0	0	552
16:30	126	0	5	0	0	135	140	0	0	0	0	3	30	247	0	0	686
16:45	109	0	7	0	0	104	105	0	0	0	0	3	33	290	0	0	651
Total	402	1	22	0	0	478	460	0	0	0	0	9	151	992	0	0	2515
17:00	102	0	6	0	0	170	150	0	0	0	0	0	21	228	0	0	677
17:15	103	1	11	0	0	122	107	0	0	0	0	0	37	283	0	0	664
17:30	97	0	2	0	0	135	110	0	0	0	0	1	41	247	0	0	633
17:45	90	0	5	0	1	100	86	0	0	0	0	0	19	256	0	0	557
Total	392	1	24	0	1	527	453	0	0	0	0	1	118	1014	0	0	2531
18:00	52	0	4	0	0	126	109	1	0	0	0	0	19	202	0	0	513
18:15	62	1	10	0	0	100	88	0	0	0	0	1	14	155	0	0	431
18:30	56	2	5	0	1	97	71	0	0	0	0	0	13	128	0	0	373
18:45	33	0	5	0	0	81	64	0	0	0	0	0	16	142	0	0	341
Total	203	3	24	0	1	404	332	1	0	0	0	1	62	627	0	0	1658
Grand Total	3126	20	226	0	6	4228	4560	1	0	0	3	13	1267	7264	6	0	20720
Apprch %	92.7	0.6	6.7	0	0.1	48.1	51.8	0	0	0	18.8	81.2	14.8	85.1	0.1	0	
Total %	15.1	0.1	1.1	0	0	20.4	22	0	0	0	0	0.1	6.1	35.1	0	0	
Cars	3084	20	202	0	6	4141	4482	1	0	0	3	5	1196	7149	6	0	20295
% Cars	98.7	100	89.4	0	100	97.9	98.3	100	0	0	100	38.5	94.4	98.4	100	0	97.9
Heavy Vehicles	42	0	24	0	0	87	78	0	0	0	0	8	71	115	0	0	425
% Heavy Vehicles	1.3	0	10.6	0	0	2.1	1.7	0	0	0	0	61.5	5.6	1.6	0	0	2.1

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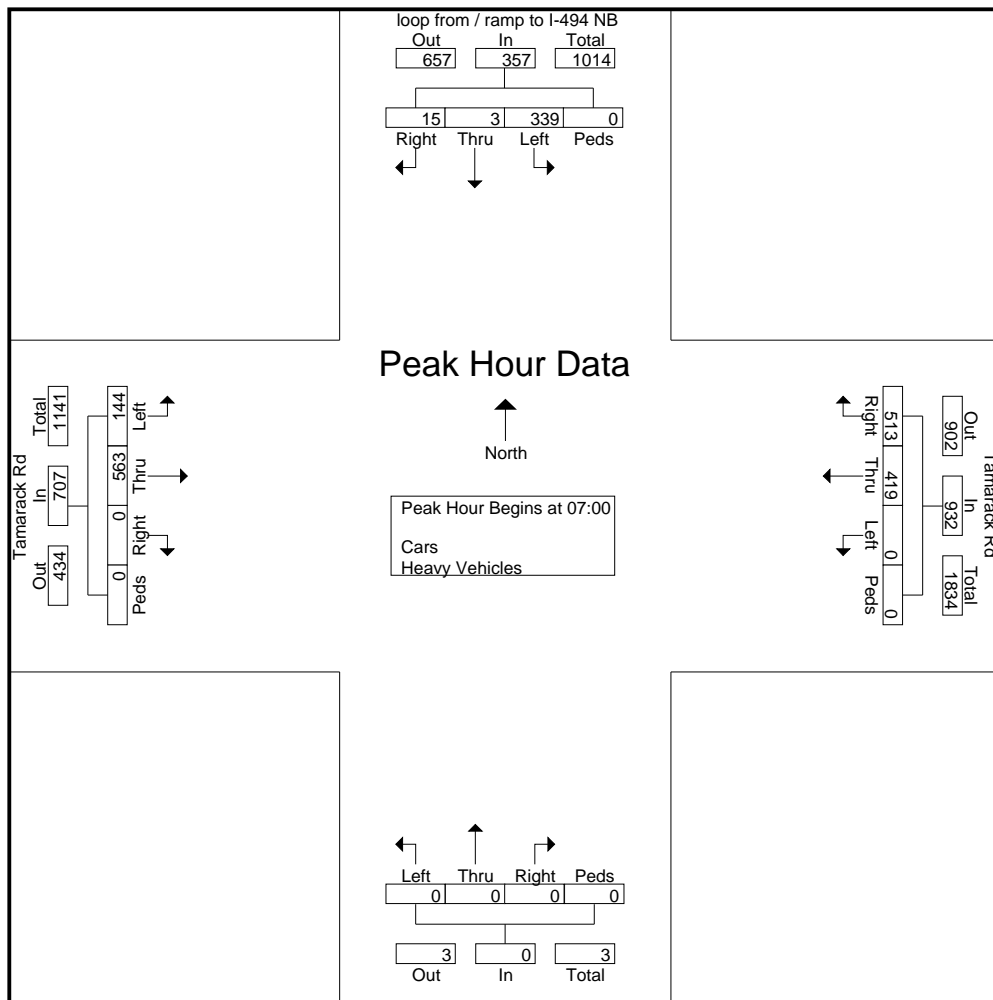
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Start Time	loop from / ramp to I-494 NB Southbound					Tamarack Rd Westbound					Northbound					Tamarack Rd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	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	50	0	3	0	53	0	124	133	0	257	0	0	0	0	0	30	90	0	0	120	430
07:15	72	1	3	0	76	0	101	130	0	231	0	0	0	0	0	41	110	0	0	151	458
07:30	92	2	2	0	96	0	111	133	0	244	0	0	0	0	0	37	164	0	0	201	541
07:45	125	0	7	0	132	0	83	117	0	200	0	0	0	0	0	36	199	0	0	235	567
Total Volume	339	3	15	0	357	0	419	513	0	932	0	0	0	0	0	144	563	0	0	707	1996
% App. Total	95	0.8	4.2	0		0	45	55	0		0	0	0	0		20.4	79.6	0	0		
PHF	.678	.375	.536	.000	.676	.000	.845	.964	.000	.907	.000	.000	.000	.000	.000	.878	.707	.000	.000	.752	.880



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Start Time	loop from / ramp to I-494 NB Southbound					Tamarack Rd Westbound					Northbound					Tamarack Rd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	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 16:30																					
16:30	126	0	5	0	131	0	135	140	0	275	0	0	0	3	3	30	247	0	0	277	686
16:45	109	0	7	0	116	0	104	105	0	209	0	0	0	3	3	33	290	0	0	323	651
17:00	102	0	6	0	108	0	170	150	0	320	0	0	0	0	0	21	228	0	0	249	677
17:15	103	1	11	0	115	0	122	107	0	229	0	0	0	0	0	37	283	0	0	320	664
Total Volume	440	1	29	0	470	0	531	502	0	1033	0	0	0	6	6	121	1048	0	0	1169	2678
% App. Total	93.6	0.2	6.2	0		0	51.4	48.6	0		0	0	0	100		10.4	89.6	0	0		
PHF	.873	.250	.659	.000	.897	.000	.781	.837	.000	.807	.000	.000	.000	.500	.500	.818	.903	.000	.000	.905	.976

