

Bolton & Menk, Inc

TH-494 at Tamarack Rd, West ramp
 Ref.Pt.059+00.025
 Data by Bolton & Menk, Inc.
 TURN MOVEMENT COUNT

File Name : 2_Tamarack & 494 West, 6am-7pm
 Site Code : 1
 Start Date : 11/3/2016
 Page No : 1

Groups Printed- Cars + - Trucks

Start Time	494 West Ramp Southbound					Tamarack Rd Westbound					NA Northbound					Tamarack Rd Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	22	0	19	0	0	0	11	20	0	0	0	0	0	0	0	3	18	0	0	93
06:15	0	29	0	32	0	0	0	23	52	0	0	0	0	0	0	0	7	25	0	0	168
06:30	0	39	0	15	0	0	0	14	59	0	0	0	0	0	0	0	7	28	0	0	162
06:45	0	57	0	14	0	0	0	32	79	0	0	0	0	0	0	0	10	48	0	0	240
Total	0	147	0	80	0	0	0	80	210	0	0	0	0	0	0	0	27	119	0	0	663
07:00	0	71	0	21	0	0	0	55	91	0	0	0	0	0	0	0	5	54	0	0	297
07:15	1	84	0	30	0	0	0	58	103	0	0	0	0	0	0	0	5	64	0	0	345
07:30	0	87	0	32	0	0	0	73	94	0	0	0	0	0	0	0	4	65	0	0	355
07:45	0	122	0	43	0	0	0	90	67	0	0	0	0	0	0	0	8	72	0	0	402
Total	1	364	0	126	0	0	0	276	355	0	0	0	0	0	0	0	22	255	0	0	1399
08:00	0	115	0	43	0	0	0	55	62	0	0	0	0	0	0	0	1	52	0	0	328
08:15	0	86	0	39	0	0	0	54	45	0	0	0	0	0	0	0	7	77	0	0	308
08:30	0	102	0	23	0	1	0	47	41	0	0	0	0	0	0	0	5	61	0	0	280
08:45	0	144	0	34	0	0	0	39	40	0	0	0	0	0	0	0	2	49	0	0	308
Total	0	447	0	139	0	1	0	195	188	0	0	0	0	0	0	0	15	239	0	0	1224
09:00	0	86	0	33	0	1	0	47	41	0	0	0	0	0	0	0	5	68	0	0	281
09:15	0	94	0	38	0	0	0	64	40	0	0	0	0	0	0	0	15	94	0	0	345
09:30	0	85	0	19	0	1	0	29	38	0	0	0	0	0	0	0	7	65	0	0	244
09:45	0	93	0	23	0	0	0	31	34	0	0	0	0	0	0	0	3	53	0	0	237
Total	0	358	0	113	0	2	0	171	153	0	0	0	0	0	0	0	30	280	0	0	1107
10:00	0	74	0	21	0	1	0	35	34	0	0	0	0	0	0	0	3	49	0	0	217
10:15	0	60	0	18	0	0	0	35	45	0	0	0	0	0	0	0	0	45	0	0	203
10:30	0	72	0	18	0	0	0	33	34	0	0	0	0	0	0	0	5	41	0	0	203
10:45	0	91	0	27	0	0	0	29	48	0	0	0	0	0	0	0	2	37	0	0	234
Total	0	297	0	84	0	1	0	132	161	0	0	0	0	0	0	0	10	172	0	0	857
11:00	0	74	0	22	0	1	0	34	54	0	0	0	0	0	0	0	3	50	0	0	238
11:15	1	91	0	22	0	2	0	34	37	0	0	0	0	0	0	0	1	49	0	0	237
11:30	0	118	0	19	0	0	0	43	52	0	0	0	0	0	0	0	3	61	0	0	296
11:45	0	109	0	17	0	0	0	63	50	0	0	0	0	0	0	0	3	73	0	0	315
Total	1	392	0	80	0	3	0	174	193	0	0	0	0	0	0	0	10	233	0	0	1086
12:00	0	95	0	25	0	1	0	46	62	0	0	0	0	0	0	0	3	69	0	0	301
12:15	0	98	0	25	0	1	0	49	62	0	0	0	0	0	0	0	2	57	0	0	294
12:30	0	99	0	17	0	0	0	51	62	0	0	0	0	0	0	0	2	56	0	0	287
12:45	0	112	0	17	0	0	0	65	57	0	0	0	0	0	0	0	4	59	0	0	314
Total	0	404	0	84	0	2	0	211	243	0	0	0	0	0	0	0	11	241	0	0	1196
13:00	0	111	0	21	0	0	0	68	58	0	0	0	0	0	0	0	4	47	0	0	309
13:15	0	104	0	33	0	0	0	54	66	0	0	0	0	0	0	0	2	47	0	0	306
13:30	0	86	0	13	0	0	0	52	74	0	0	0	0	0	0	0	2	51	0	0	278
13:45	0	111	0	23	0	0	0	45	56	0	0	0	0	0	0	0	5	58	0	0	298
Total	0	412	0	90	0	0	0	219	254	0	0	0	0	0	0	0	13	203	0	0	1191
14:00	0	83	0	22	0	0	0	40	62	0	0	0	0	0	0	0	4	69	0	0	280
14:15	0	112	0	27	0	0	0	49	60	0	0	0	0	0	0	0	1	69	0	0	318
14:30	1	118	0	28	0	0	0	43	61	0	0	0	0	0	0	0	2	82	0	0	335
14:45	0	111	0	48	0	0	0	40	76	0	0	0	0	0	0	0	3	62	0	0	340
Total	1	424	0	125	0	0	0	172	259	0	0	0	0	0	0	0	10	282	0	0	1273
15:00	0	120	0	39	0	0	0	53	68	0	0	0	0	0	0	0	15	84	0	0	379
15:15	0	130	0	22	0	0	0	65	78	0	0	0	0	0	0	0	9	84	0	0	388
15:30	0	126	0	33	0	0	0	63	68	0	0	0	0	0	0	0	7	86	0	0	383
15:45	0	165	0	44	0	0	0	68	81	0	0	0	0	0	0	0	9	88	0	0	455
Total	0	541	0	138	0	0	0	249	295	0	0	0	0	0	0	0	40	342	0	0	1605
16:00	0	166	0	36	0	0	0	76	108	0	0	0	0	0	0	0	18	114	0	0	518
16:15	0	166	0	30	0	0	0	69	105	0	0	0	0	0	0	0	15	116	0	0	501
16:30	0	181	0	35	0	0	0	66	110	0	0	0	0	0	0	0	12	91	0	0	495

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 Site Code : 1
 Start Date : 11/3/2016
 Page No : 2

Groups Printed- Cars + - Trucks

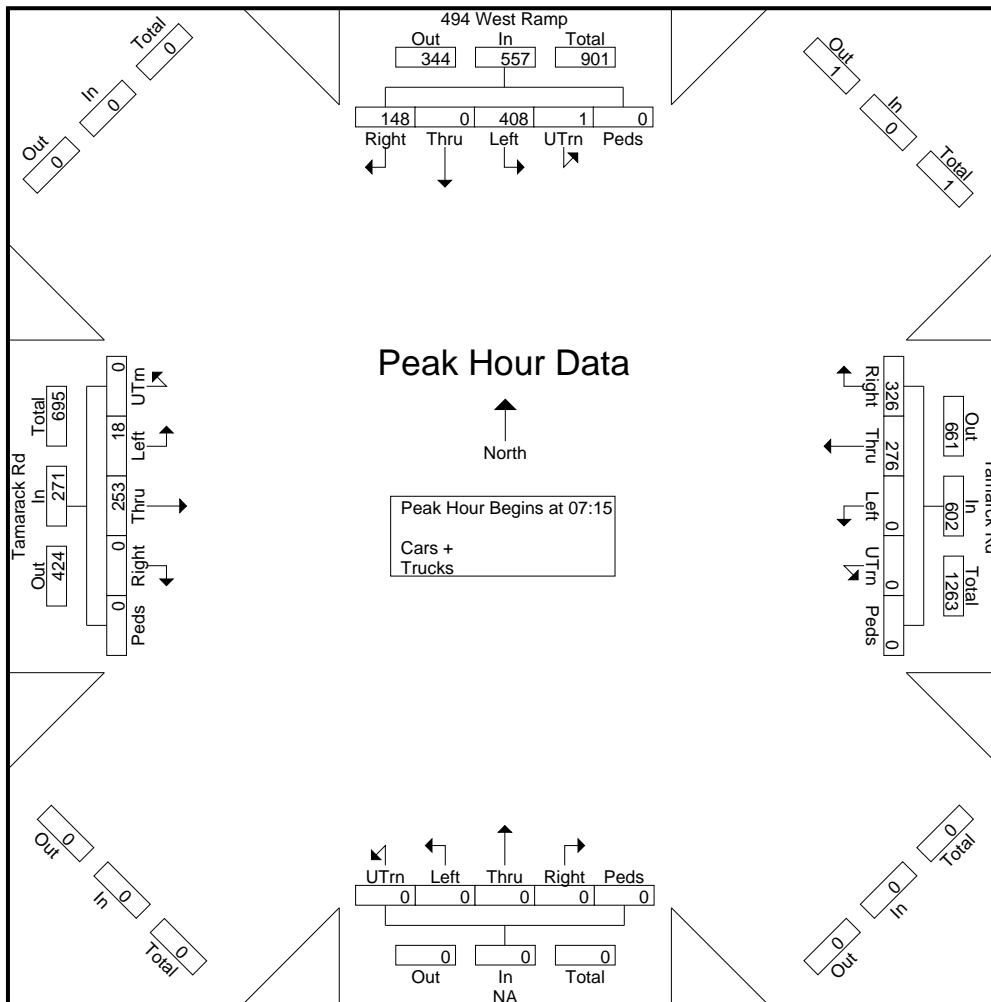
Start Time	494 West Ramp Southbound					Tamarack Rd Westbound					NA Northbound					Tamarack Rd Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
16:45	0	204	0	39	0	0	0	65	109	0	0	0	0	0	0	0	11	100	0	0	528
Total	0	717	0	140	0	0	0	276	432	0	0	0	0	0	0	0	56	421	0	0	2042
17:00	1	208	0	30	0	0	0	85	128	0	0	0	0	0	0	0	19	124	0	0	595
17:15	0	181	0	31	0	0	0	83	133	0	0	0	0	0	0	0	20	103	0	0	551
17:30	0	197	0	26	0	0	0	77	97	0	0	0	0	0	0	0	10	98	0	0	505
17:45	0	166	0	26	0	0	0	69	85	0	0	0	0	0	0	0	11	67	0	0	424
Total	1	752	0	113	0	0	0	314	443	0	0	0	0	0	0	0	60	392	0	0	2075
18:00	0	174	0	21	0	0	0	67	68	0	0	0	0	0	0	0	7	55	0	0	392
18:15	0	139	0	20	0	0	0	43	64	0	0	0	0	0	0	0	5	70	0	0	341
18:30	0	125	0	23	0	0	0	48	61	0	0	0	0	0	0	0	7	52	0	0	316
18:45	1	111	0	19	0	0	0	54	64	0	0	0	0	0	0	0	6	39	0	0	294
Total	1	549	0	83	0	0	0	212	257	0	0	0	0	0	0	0	25	216	0	0	1343
Grand Total	5	5804	0	1395	0	9	0	2681	3443	0	0	0	0	0	0	0	329	3395	0	0	17061
Apprch %	0.1	80.6	0	19.4	0	0.1	0	43.7	56.1	0	0	0	0	0	0	0	8.8	91.2	0	0	
Total %	0	34	0	8.2	0	0.1	0	15.7	20.2	0	0	0	0	0	0	0	1.9	19.9	0	0	
Cars +	5	5668	0	1159	0	9	0	2614	3371	0	0	0	0	0	0	0	297	3102	0	0	16225
% Cars +	100	97.7	0	83.1	0	100	0	97.5	97.9	0	0	0	0	0	0	0	90.3	91.4	0	0	95.1
Trucks	0	136	0	236	0	0	0	67	72	0	0	0	0	0	0	0	32	293	0	0	836
% Trucks	0	2.3	0	16.9	0	0	0	2.5	2.1	0	0	0	0	0	0	0	9.7	8.6	0	0	4.9

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 Site Code : 1
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 Page No : 3

Start Time	494 West Ramp Southbound						Tamarck Rd Westbound						NA Northbound						Tamarack Rd Eastbound						Int. Total	
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	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	84	0	30	0	115	0	0	58	103	0	161	0	0	0	0	0	0	0	0	5	64	0	0	69	345
07:30	0	87	0	32	0	119	0	0	73	94	0	167	0	0	0	0	0	0	0	4	65	0	0	69	355	
07:45	0	122	0	43	0	165	0	0	90											8	72	0	0	80	402	
08:00	0	115	0	43	0	158	0	0	55	62	0	117	0	0	0	0	0	0	0	1	52	0	0	53	328	
Total Volume		408	0	148					276	326	0	602								18	253					
% App. Total	0.2	73.2	0	26.6	0		0	0	45.8	54.2	0		0	0	0	0	0	0	0	6.6	93.4	0	0			
PHF	.250	.836	.000	.860	.000	.844	.000	.000	.767	.791	.000	.901	.000	.000	.000	.000	.000	.000	.000	.563	.878	.000	.000	.847	.889	



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 TURN MOVEMENT COUNT

File Name : 2_Tamarack & 494 West, 6am-7pm
 Site Code : 1
 Start Date : 11/3/2016
 Page No : 4

Start Time	494 West Ramp Southbound						Tamarack Rd Westbound						NA Northbound						Tamarack Rd Eastbound						Int. Total	
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total		
16:45	0	204	0	39	0	243	0	0	65	109	0	174	0	0	0	0	0	0	0	0	11	100	0	0	111	528
17:00	1	208	0	30	0	239	0	0	85	128	0	213	0	0	0	0	0	0	0	0	19	124	0	0	143	595
17:15	0	181	0	31	0	212	0	0	83	133	0	216	0	0	0	0	0	0	0	0	20	103	0	0	123	551
17:30	0	197	0	26	0	223	0	0	77	97	0	174	0	0	0	0	0	0	0	0	10	98	0	0	108	505
Total Volume		790	0	126					310	467	0	777	0	0	0	0	0	0	0	0	60	425				
% App. Total	0.1	86.2	0	13.7	0		0	0	39.9	60.1	0		0	0	0	0	0	0	0	0	12.4	87.6	0	0		
PHF	.250	.950	.000	.808	.000	.943	.000	.000	.912	.878	.000	.899	.000	.000	.000	.000	.000	.000	.000	.000	.750	.857	.000	.000	.848	.916

Peak Hour Analysis From 12:00 to 18:45 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 16:45

