

APPENDIX D – Turning Movement Counts

Montachusett Regional Planning Commission

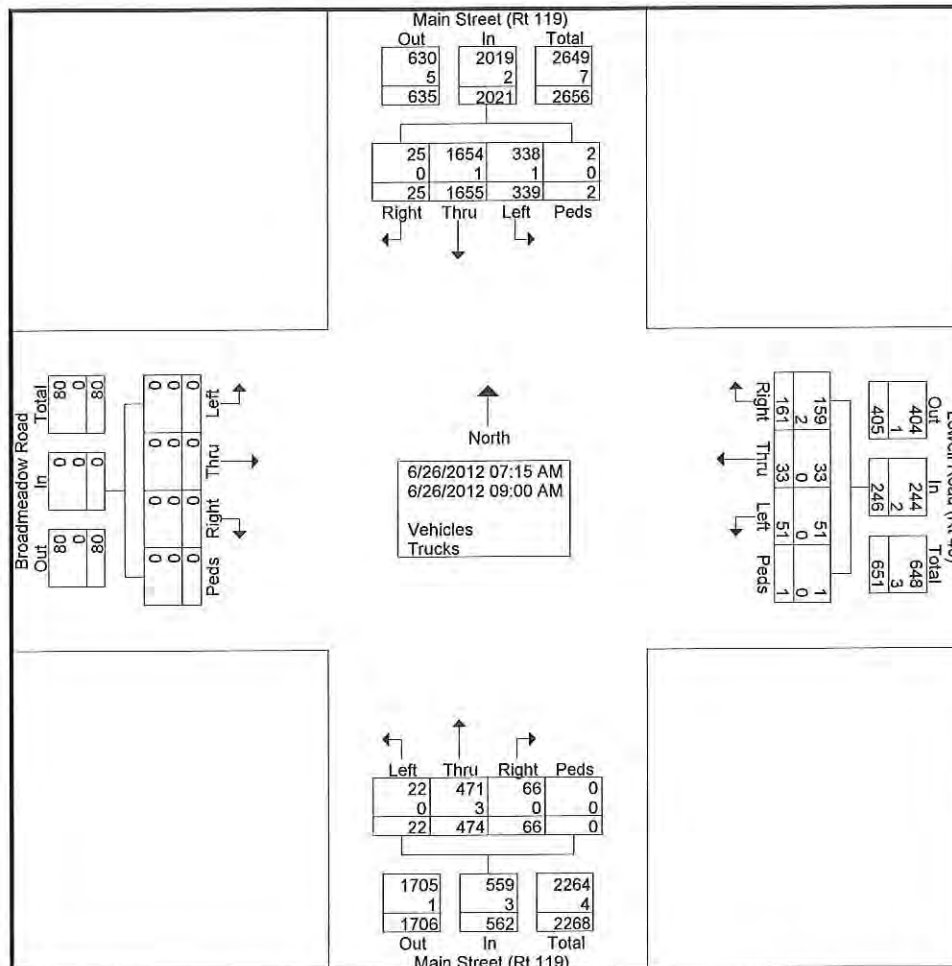
R1427 Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Main Street (119 & 225)
Location: Lowell Road (Rt 40)
Functional Class: U-3

File Name : 115-2012-3730 AM
Site Code : 00003730
Start Date : 6/26/2012
Page No : 1

Groups Printed- Vehicles - Trucks

	Main Street (Rt 119) From North					Lowell Road (Rt 40) From East					Main Street (Rt 119) From South					Broadmeadow Road From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:15 AM	4	233	42	0	279	17	5	2	0	24	5	42	0	0	47	0	0	0	0	0	350
07:30 AM	1	231	42	0	274	11	4	2	0	17	2	43	1	0	46	0	0	0	0	0	337
07:45 AM	4	207	49	0	260	21	3	4	0	28	9	53	2	0	64	0	0	0	0	0	352
Total	9	671	133	0	813	49	12	8	0	69	16	138	3	0	157	0	0	0	0	0	1039
08:00 AM	2	223	39	1	265	21	5	12	0	38	7	60	7	0	74	0	0	0	0	0	377
08:15 AM	2	185	37	0	224	21	4	7	1	33	10	58	1	0	69	0	0	0	0	0	326
08:30 AM	4	156	33	1	194	24	5	4	0	33	8	58	2	0	68	0	0	0	0	0	295
08:45 AM	2	219	51	0	272	24	5	8	0	37	10	85	3	0	98	0	0	0	0	0	407
Total	10	783	160	2	955	90	19	31	1	141	35	261	13	0	309	0	0	0	0	0	1405
09:00 AM	6	201	46	0	253	22	2	12	0	36	15	75	6	0	96	0	0	0	0	0	385
Grand Total	25	1655	339	2	2021	161	33	51	1	246	66	474	22	0	562	0	0	0	0	0	2829
Approch %	1.2	81.9	16.8	0.1		65.4	13.4	20.7	0.4		11.7	84.3	3.9	0		0	0	0	0	0	
Total %	0.9	58.5	12	0.1	71.4	5.7	1.2	1.8	0	8.7	2.3	16.8	0.8	0	19.9	0	0	0	0	0	
Vehicles	25	1654	338	2	2019	159	33	51	1	244	66	471	22	0	559	0	0	0	0	0	2822
% Vehicles	100	99.9	99.7	100	99.9	98.8	100	100	100	99.2	100	99.4	100	0	99.5	0	0	0	0	0	99.8
Trucks	0	1	1	0	2	2	0	0	0	2	0	3	0	0	3	0	0	0	0	0	7
% Trucks	0	0.1	0.3	0	0.1	1.2	0	0	0	0.8	0	0.6	0	0	0.5	0	0	0	0	0	0.2



Montachusett Regional Planning Commission

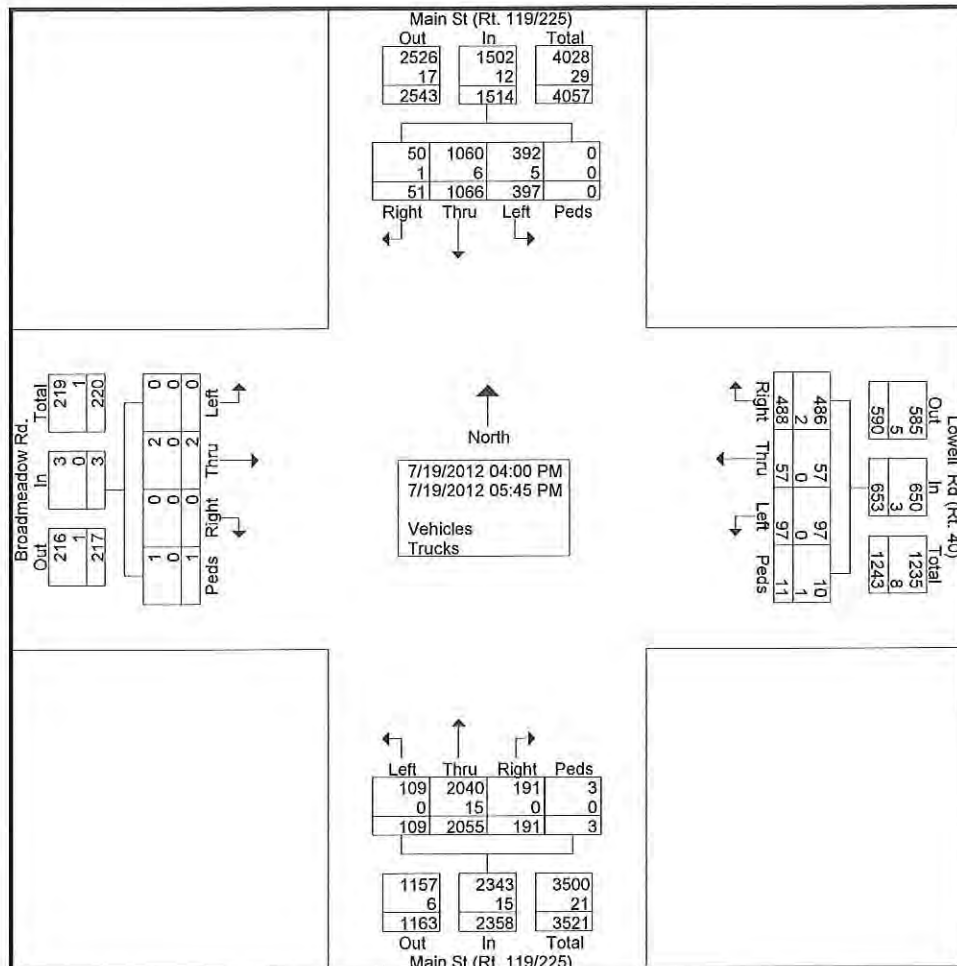
R1427 Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Main Street (Rt. 119/225)
Location: At Lowell Rd (Rt. 40)
Functional Class:U-3

File Name : 115-2012-3730 PM
Site Code : 00003730
Start Date : 7/19/2012
Page No : 1

Groups Printed- Vehicles - Trucks

	Main St (Rt. 119/225) From North					Lowell Rd (Rt. 40) From East					Main St (Rt. 119/225) From South					Broadmeadow Rd. From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	11	141	41	0	193	68	11	14	2	95	18	215	21	0	254	0	0	0	0	0	542
04:15 PM	5	203	32	0	240	70	7	7	0	84	11	205	7	0	223	0	0	0	1	1	548
04:30 PM	6	121	43	0	170	59	2	16	0	77	20	221	12	0	253	0	0	0	0	0	500
04:45 PM	5	140	62	0	207	60	6	4	0	70	29	276	9	1	315	0	0	0	0	0	592
Total	27	605	178	0	810	257	26	41	2	326	78	917	49	1	1045	0	0	0	1	1	2182
05:00 PM	4	116	55	0	175	66	9	14	8	97	18	285	9	0	312	0	0	0	0	0	584
05:15 PM	8	114	54	0	176	64	5	11	1	81	24	271	14	0	309	0	0	0	0	0	566
05:30 PM	7	111	46	0	164	54	9	11	0	74	38	295	21	2	356	0	0	0	0	0	594
05:45 PM	5	120	64	0	189	47	8	20	0	75	33	287	16	0	336	0	2	0	0	2	602
Total	24	461	219	0	704	231	31	56	9	327	113	1138	60	2	1313	0	2	0	0	2	2346
Grand Total	51	1066	397	0	1514	488	57	97	11	653	191	2055	109	3	2358	0	2	0	1	3	4528
Apprch %	3.4	70.4	26.2	0		74.7	8.7	14.9	1.7		8.1	87.2	4.6	0.1		0	66.7	0	33.3		
Total %	1.1	23.5	8.8	0	33.4	10.8	1.3	2.1	0.2	14.4	4.2	45.4	2.4	0.1	52.1	0	0	0	0	0.1	
Vehicles	50	1060	392	0	1502	486	57	97	10	650	191	2040	109	3	2343	0	2	0	1	3	4498
% Vehicles	98	99.4	98.7	0	99.2	99.6	100	100	90.9	99.5	100	99.3	100	100	99.4	0	100	0	100	100	99.3
Trucks	1	6	5	0	12	2	0	0	1	3	0	15	0	0	15	0	0	0	0	0	30
% Trucks	2	0.6	1.3	0	0.8	0.4	0	0	9.1	0.5	0	0.7	0	0	0.6	0	0	0	0	0	0.7



Montachusett Regional Planning Commission

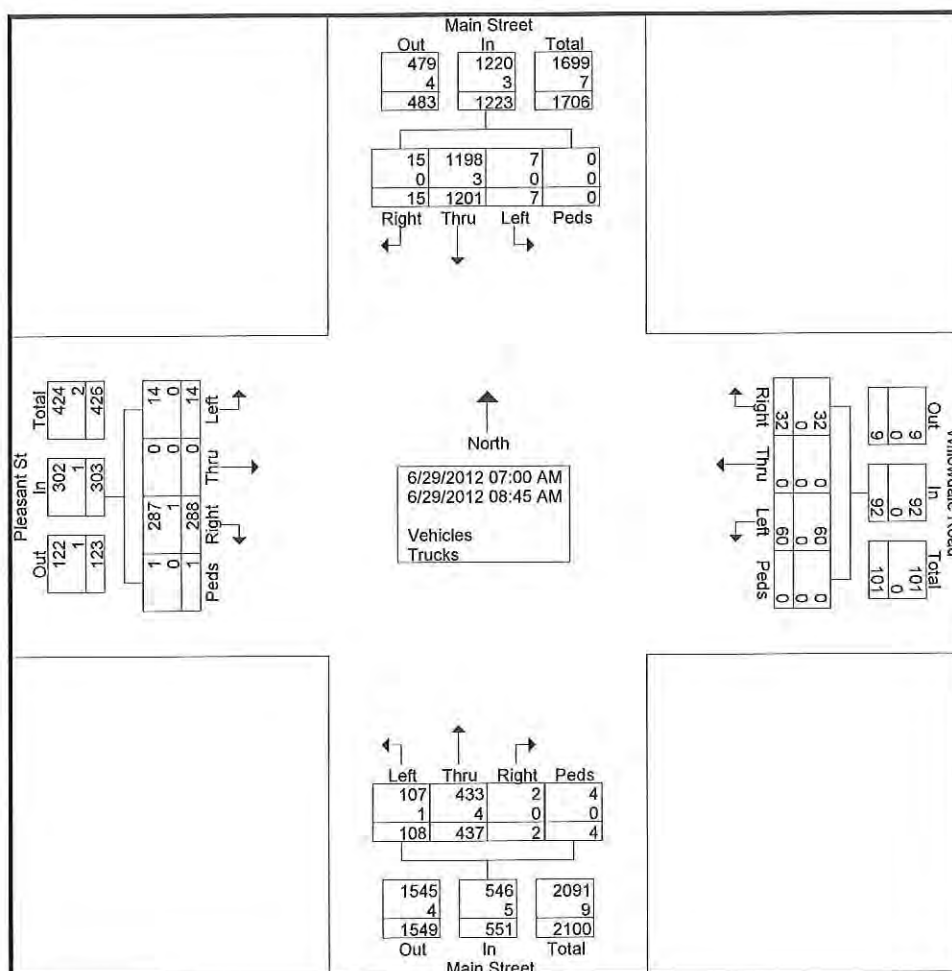
R1427 Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Main St (Rt. 111/119/225)
Location: At Pleasant St
Functional Class: U-3

File Name : 115-2012-4304 AM
Site Code : 00004304
Start Date : 6/29/2012
Page No : 1

Groups Printed- Vehicles - Trucks

	Main Street From North					Willowdale Road From East					Main Street From South					Pleasant St From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	1	158	1	0	160	6	0	6	0	12	0	44	6	0	50	32	0	0	0	32	254
07:15 AM	0	140	0	0	140	6	0	9	0	15	0	59	10	0	69	28	0	1	0	29	253
07:30 AM	3	152	0	0	155	4	0	4	0	8	0	45	17	0	62	34	0	1	0	35	260
07:45 AM	1	171	1	0	173	6	0	9	0	15	0	61	16	2	79	42	0	2	0	44	311
Total	5	621	2	0	628	22	0	28	0	50	0	209	49	2	260	136	0	4	0	140	1078
08:00 AM	1	171	0	0	172	3	0	11	0	14	0	53	13	0	66	37	0	3	1	41	293
08:15 AM	2	152	1	0	155	2	0	5	0	7	0	65	13	1	79	33	0	4	0	37	278
08:30 AM	3	123	4	0	130	3	0	7	0	10	1	41	11	1	54	41	0	3	0	44	238
08:45 AM	4	134	0	0	138	2	0	9	0	11	1	69	22	0	92	41	0	0	0	41	282
Total	10	580	5	0	595	10	0	32	0	42	2	228	59	2	291	152	0	10	1	163	1091
Grand Total	15	1201	7	0	1223	32	0	60	0	92	2	437	108	4	551	288	0	14	1	303	2169
Apprch %	1.2	98.2	0.6	0		34.8	0	65.2	0		0.4	79.3	19.6	0.7		95	0	4.6	0.3		
Total %	0.7	55.4	0.3	0	56.4	1.5	0	2.8	0	4.2	0.1	20.1	5	0.2	25.4	13.3	0	0.6	0	14	
Vehicles	15	1198	7	0	1220	32	0	60	0	92	2	433	107	4	546	287	0	14	1	302	2160
% Vehicles	100	99.8	100	0	99.8	100	0	100	0	100	100	99.1	99.1	100	99.1	99.7	0	100	100	99.7	99.6
Trucks	0	3	0	0	3	0	0	0	0	0	0	4	1	0	5	1	0	0	0	1	9
% Trucks	0	0.2	0	0	0.2	0	0	0	0	0	0	0.9	0.9	0	0.9	0.3	0	0	0	0.3	0.4



Montachusett Regional Planning Commission

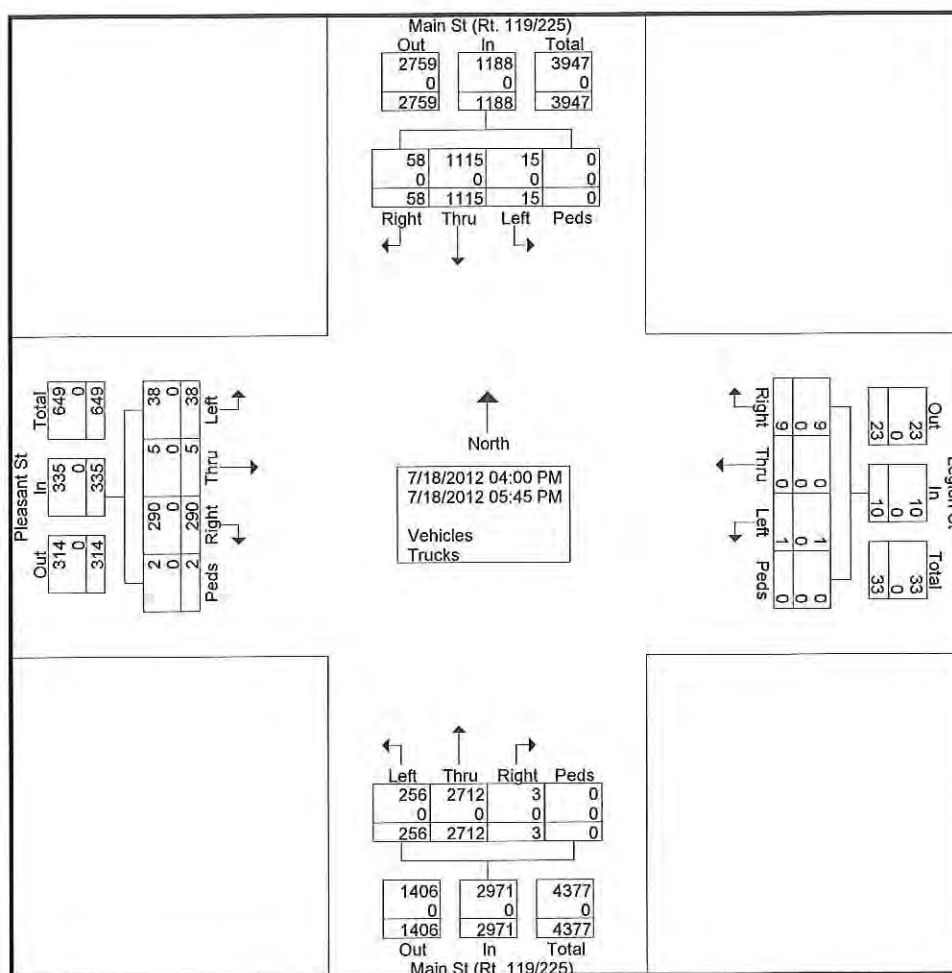
R1427 Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Main St (Rt. 119/225)
Location: at Pleasant St
Functional Class:U-3

File Name : 115-2012-4304 PM
Site Code : 00004304
Start Date : 7/18/2012
Page No : 1

Groups Printed- Vehicles - Trucks

	Main St (Rt. 119/225) From North					Legion St From East					Main St (Rt. 119/225) From South					Pleasant St From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	0	106	4	0	110	2	0	0	0	2	0	300	40	0	340	52	0	2	0	54	506
04:15 PM	6	130	4	0	140	3	0	1	0	4	0	314	25	0	339	52	0	3	0	55	538
04:30 PM	9	137	0	0	146	2	0	0	0	2	0	201	34	0	235	43	0	15	0	58	441
04:45 PM	12	237	3	0	252	0	0	0	0	0	1	347	36	0	384	50	3	7	0	60	696
Total	27	610	11	0	648	7	0	1	0	8	1	1162	135	0	1298	197	3	27	0	227	2181
05:00 PM	8	191	0	0	199	0	0	0	0	0	0	333	25	0	358	12	0	0	0	12	569
05:15 PM	1	114	2	0	117	2	0	0	0	2	0	386	30	0	416	24	0	1	1	26	561
05:30 PM	4	119	2	0	125	0	0	0	0	0	2	422	62	0	486	31	1	4	1	37	648
05:45 PM	18	81	0	0	99	0	0	0	0	0	0	409	4	0	413	26	1	6	0	33	545
Total	31	505	4	0	540	2	0	0	0	2	2	1550	121	0	1673	93	2	11	2	108	2323
Grand Total	58	1115	15	0	1188	9	0	1	0	10	3	2712	256	0	2971	290	5	38	2	335	4504
Approch %	4.9	93.9	1.3	0		90	0	10	0		0.1	91.3	8.6	0		86.6	1.5	11.3	0.6		
Total %	1.3	24.8	0.3	0	26.4	0.2	0	0	0	0.2	0.1	60.2	5.7	0	66	6.4	0.1	0.8	0	7.4	
Vehicles	58	1115	15	0	1188	9	0	1	0	10	3	2712	256	0	2971	290	5	38	2	335	4504
% Vehicles	100	100	100	0	100	100	0	100	0	100	100	100	100	0	100	100	100	100	100	100	100
Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Montachusett Regional Planning Commission

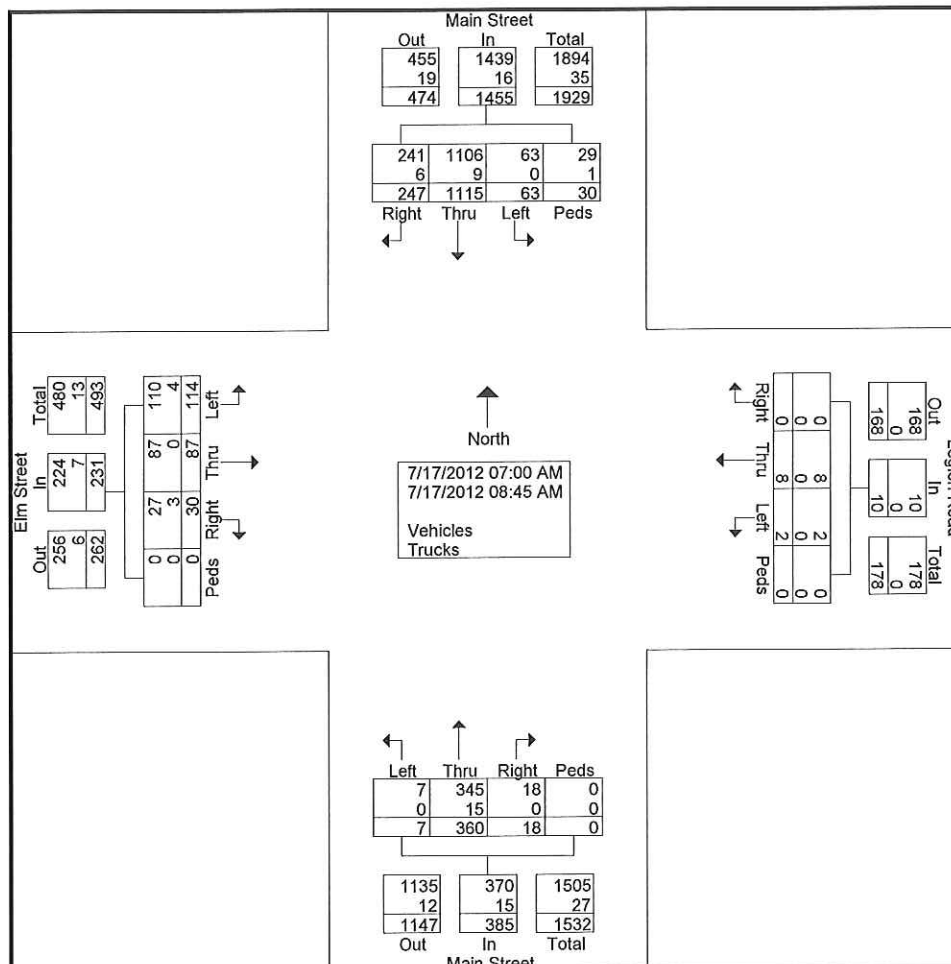
R1427 Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Main Street
Location: Elm Street & Legion Road
Functional Class: U-3

File Name : 115-2012-4305 AM
Site Code : 00004305
Start Date : 7/17/2012
Page No : 1

Groups Printed- Vehicles - Trucks

	Main Street From North					Legion Road From East					Main Street From South					Elm Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	41	205	0	0	246	0	1	2	0	3	2	60	1	0	63	4	7	18	0	29	341
07:15 AM	35	91	14	18	158	0	2	0	0	2	1	10	1	0	12	2	11	5	0	18	190
07:30 AM	11	121	16	0	148	0	4	0	0	4	2	18	0	0	20	5	7	6	0	18	190
07:45 AM	27	162	27	0	216	0	0	0	0	0	0	42	0	0	42	2	14	13	0	29	287
Total	114	579	57	18	768	0	7	2	0	9	5	130	2	0	137	13	39	42	0	94	1008
08:00 AM	18	157	5	2	182	0	0	0	0	0	4	74	2	0	80	3	10	13	0	26	288
08:15 AM	55	123	0	9	187	0	0	0	0	0	3	40	0	0	43	4	5	6	0	15	245
08:30 AM	48	132	1	0	181	0	0	0	0	0	1	56	0	0	57	7	15	30	0	52	290
08:45 AM	12	124	0	1	137	0	1	0	0	1	5	60	3	0	68	3	18	23	0	44	250
Total	133	536	6	12	687	0	1	0	0	1	13	230	5	0	248	17	48	72	0	137	1073
Grand Total	247	1115	63	30	1455	0	8	2	0	10	18	360	7	0	385	30	87	114	0	231	2081
Apprch %	17	76.6	4.3	2.1		0	80	20	0		4.7	93.5	1.8	0		13	37.7	49.4	0		
Total %	11.9	53.6	3	1.4	69.9	0	0.4	0.1	0	0.5	0.9	17.3	0.3	0	18.5	1.4	4.2	5.5	0	11.1	
Vehicles	241	1106	63	29	1439	0	8	2	0	10	18	345	7	0	370	27	87	110	0	224	2043
% Vehicles	97.6	99.2	100	96.7	98.9	0	100	100	0	100	100	95.8	100	0	96.1	90	100	96.5	0	97	98.2
Trucks	6	9	0	1	16	0	0	0	0	0	0	15	0	0	15	3	0	4	0	7	38
% Trucks	2.4	0.8	0	3.3	1.1	0	0	0	0	0	0	4.2	0	0	3.9	10	0	3.5	0	3	1.8



Montachusett Regional Planning Commission

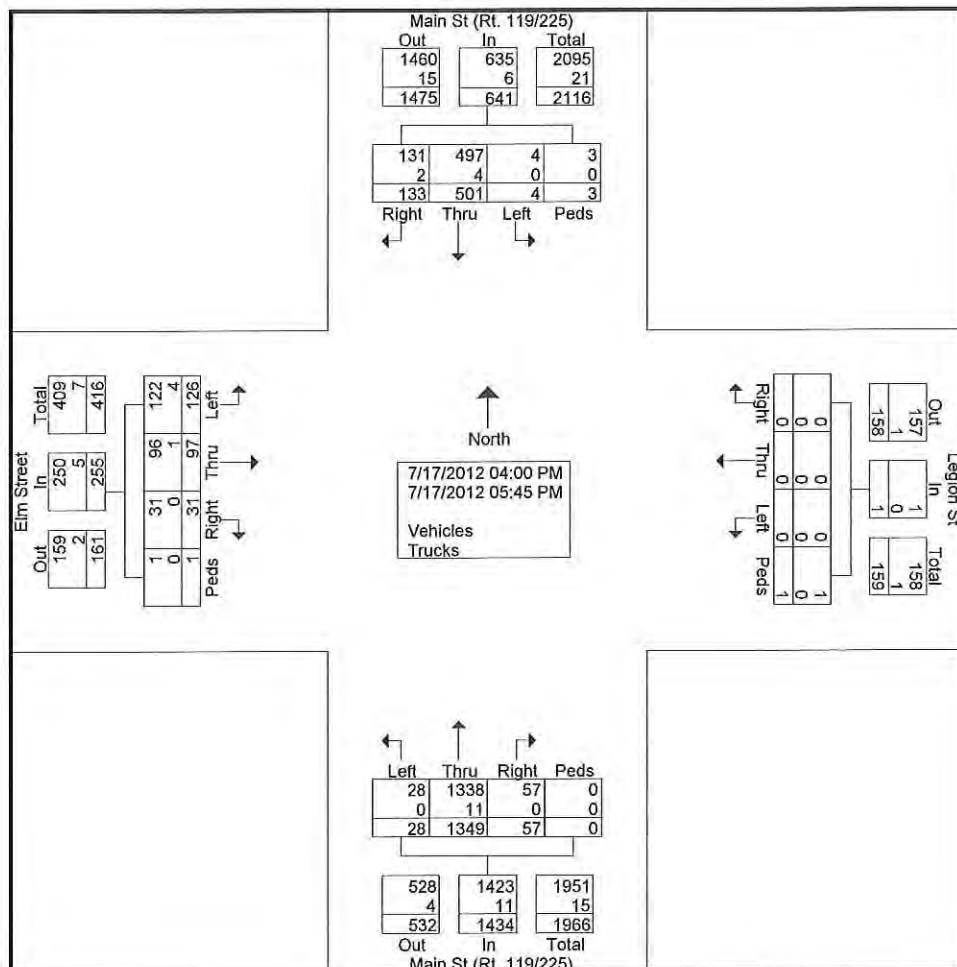
R1427 Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Main St (Rt. 119/225)
Location: at Elm/Legion St
Functional Class: U-3

File Name : 115-2012-4305 PM
Site Code : 0004305
Start Date : 7/17/2012
Page No : 1

Groups Printed- Vehicles - Trucks

	Main St (Rt. 119/225) From North					Legion St From East					Main St (Rt. 119/225) From South					Elm Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
04:00 PM	23	51	0	2	76	0	0	0	0	0	5	126	3	0	134	6	5	30	0	41	251
04:15 PM	12	49	2	0	63	0	0	0	1	1	6	133	3	0	142	3	17	13	0	33	239
04:30 PM	24	71	0	0	95	0	0	0	0	0	8	164	6	0	178	0	15	10	0	25	298
04:45 PM	15	73	1	0	89	0	0	0	0	0	8	195	3	0	206	1	13	12	0	26	321
Total	74	244	3	2	323	0	0	0	1	1	27	618	15	0	660	10	50	65	0	125	1109
05:00 PM	18	65	0	0	83	0	0	0	0	0	5	142	2	0	149	8	10	19	1	38	270
05:15 PM	17	61	0	1	79	0	0	0	0	0	6	198	3	0	207	4	15	12	0	31	317
05:30 PM	14	66	0	0	80	0	0	0	0	0	8	207	7	0	222	2	9	16	0	27	329
05:45 PM	10	65	1	0	76	0	0	0	0	0	11	184	1	0	196	7	13	14	0	34	306
Total	59	257	1	1	318	0	0	0	0	0	30	731	13	0	774	21	47	61	1	130	1222
Grand Total	133	501	4	3	641	0	0	0	1	1	57	1349	28	0	1434	31	97	126	1	255	2331
Apprch %	20.7	78.2	0.6	0.5		0	0	0	100		4	94.1	2	0		12.2	38	49.4	0.4		
Total %	5.7	21.5	0.2	0.1	27.5	0	0	0	0	0	2.4	57.9	1.2	0	61.5	1.3	4.2	5.4	0	10.9	
Vehicles	131	497	4	3	635	0	0	0	1	1	57	1338	28	0	1423	31	96	122	1	250	2309
% Vehicles	98.5	99.2	100	100	99.1	0	0	0	100	100	100	99.2	100	0	99.2	100	99	96.8	100	98	99.1
Trucks	2	4	0	0	6	0	0	0	0	0	0	11	0	0	11	0	1	4	0	5	22
% Trucks	1.5	0.8	0	0	0.9	0	0	0	0	0	0	0.8	0	0	0.8	0	1	3.2	0	2	0.9



APPENDIX E – Speed Counts

1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302

Station ID:

Latitude: 0' 0.000 Undefined

East															Latitude: 0° 0.000 Undefined		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
06/18/12	0	0	0	0	3	6	0	0	0	0	0	0	0	0	9	32-41	8
01:00	0	0	1	0	2	3	1	0	0	0	0	0	0	0	7	31-40	5
02:00	0	0	0	1	5	6	0	0	0	0	0	0	0	0	12	30-39	10
03:00	1	0	1	2	22	39	6	1	0	0	0	0	0	0	72	32-41	55
04:00	2	0	0	5	95	245	40	2	0	0	0	0	0	0	389	33-42	317
05:00	19	2	3	22	314	544	69	1	0	0	0	0	0	0	974	32-41	766
06:00	25	10	25	54	401	501	41	3	0	0	0	0	0	0	1060	31-40	787
07:00	29	22	36	116	422	307	20	0	0	0	0	0	0	0	952	30-39	644
08:00	31	43	38	82	251	174	19	1	0	0	0	0	0	0	639	30-39	367
09:00	24	36	50	65	183	99	11	1	0	0	0	0	0	0	469	29-38	249
10:00	27	35	30	49	152	109	8	0	0	0	0	0	0	0	410	30-39	220
11:00	25	23	47	68	171	80	9	0	0	0	0	0	0	0	423	29-38	229
12 PM	24	26	35	47	147	114	8	1	0	0	0	0	0	0	402	30-39	222
13:00	22	33	28	45	156	97	6	0	0	0	0	0	0	0	387	30-39	216
14:00	32	22	30	59	161	124	11	0	0	0	0	0	0	0	439	30-39	243
15:00	39	26	35	55	155	94	7	0	0	0	0	0	0	0	411	30-39	211
16:00	33	25	33	28	152	121	8	3	0	0	0	0	0	0	403	31-40	223
17:00	37	16	27	25	79	91	19	1	0	0	0	0	0	0	295	31-40	137
18:00	20	12	19	8	83	107	14	1	0	0	0	0	0	0	264	31-40	157
19:00	10	12	17	15	75	65	9	1	0	0	0	0	0	0	204	31-40	118
20:00	1	12	8	14	56	42	2	0	0	0	0	0	0	0	135	30-39	85
21:00	0	0	1	3	27	30	5	0	0	0	0	0	0	0	66	31-40	51
22:00	0	0	0	2	13	11	0	1	0	0	0	0	0	0	27	31-40	21
23:00	0	0	0	0	9	11	2	1	1	0	0	0	0	0	24	31-40	18
Total	401	355	464	765	3134	3020	315	18	1	0	0	0	0	0	8473		
Percent	4.7%	4.2%	5.5%	9.0%	37.0%	35.6%	3.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	09:00	07:00	07:00	05:00	05:00	06:00							06:00		
Vol.	31	43	50	116	422	544	69	3							1060		
PM Peak	15:00	13:00	12:00	14:00	14:00	14:00	17:00	16:00	23:00						14:00		
Vol.	39	33	35	59	161	124	19	3	1						439		

Montachusett Regional Planning Commission

Page 2

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Site Code: 11520124302
Station ID:

East Latitude: 0' 0.000 Undefined

Start Time	15	16	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
06/19/12	0	0	0	0	2	4	1	0	0	0	0	0	0	0	0	7	32-41	6
01:00	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4	31-40	4
02:00	1	0	1	1	6	7	2	0	0	0	0	0	0	0	0	18	32-41	11
03:00	0	0	0	1	28	34	8	0	0	0	0	0	0	0	0	71	31-40	56
04:00	0	0	1	5	58	271	60	2	1	0	0	0	0	0	0	398	34-43	330
05:00	10	0	5	48	288	534	60	0	0	0	0	0	0	0	0	945	32-41	742
06:00	25	11	17	73	405	497	58	1	0	0	0	0	0	0	0	1087	31-40	791
07:00	29	22	36	116	422	307	20	0	0	0	0	0	0	0	0	952	30-39	644
08:00	31	43	38	82	251	174	19	1	0	0	0	0	0	0	0	639	30-39	367
09:00	24	36	50	65	183	99	11	1	0	0	0	0	0	0	0	469	29-38	249
10:00	19	20	41	61	195	88	6	0	0	0	0	0	0	0	0	430	29-38	257
11:00	18	25	46	52	178	112	8	0	0	0	0	0	0	0	0	439	30-39	253
12 PM	19	22	27	53	221	97	9	0	0	0	0	0	0	0	0	448	29-38	284
13:00	17	29	19	58	163	119	12	0	0	0	0	0	0	0	0	417	30-39	245
14:00	27	21	22	45	175	119	14	0	0	0	0	0	0	0	0	423	30-39	251
15:00	30	15	34	54	151	100	7	0	0	0	0	0	0	0	0	391	30-39	217
16:00	28	17	23	17	128	146	13	0	0	0	0	0	0	0	0	372	31-40	226
17:00	26	16	22	24	86	112	14	0	0	0	0	0	0	0	0	300	31-40	163
18:00	9	14	11	18	67	96	19	1	0	0	0	0	0	0	0	235	32-41	140
19:00	5	14	11	13	65	69	7	0	0	0	0	0	0	0	0	184	31-40	114
20:00	1	8	6	11	76	44	4	0	0	0	0	0	0	0	0	150	30-39	106
21:00	0	0	0	3	37	29	7	0	0	0	0	0	0	0	0	76	31-40	59
22:00	1	0	0	1	12	16	5	1	0	0	0	0	0	0	0	36	32-41	25
23:00	0	0	0	1	10	7	0	0	0	0	0	0	0	0	0	18	31-40	15
Total	320	313	410	802	3208	3084	364	7	1	0	0	0	0	0	0	8509		
Percent	3.8%	3.7%	4.8%	9.4%	37.7%	36.2%	4.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	09:00	07:00	07:00	05:00	04:00	04:00	04:00							06:00		
Vol.	31	43	50	116	422	534	60	2	1							1087		
PM Peak	15:00	13:00	15:00	13:00	12:00	16:00	18:00	18:00								12:00		
Vol.	30	29	34	58	221	146	19	1								448		
Total	721	668	874	1567	6342	6104	679	25	2	0	0	0	0	0	0	16982		
Percent	4.2%	3.9%	5.1%	9.2%	37.3%	35.9%	4.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 22 MPH
50th Percentile : 33 MPH
85th Percentile : 38 MPH
95th Percentile : 40 MPH

Stats 10 MPH Pace Speed : 31-40 MPH
Number in Pace : 10651
Percent in Pace : 62.7%
Number of Vehicles > 35 MPH : 6490
Percent of Vehicles > 35 MPH : 38.2%
Mean Speed(Average) : 31 MPH

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1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Site Code: 11520124302
Station ID:

West

Latitude: 0' 0.000 Undefined

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
06/18/12	0	0	0	0	6	10	5	0	0	0	0	0	0	0	21	33-42	16
01:00	0	0	0	0	3	5	1	0	0	0	0	0	0	0	9	33-42	7
02:00	0	0	0	0	1	5	2	1	0	0	0	0	0	0	9	34-43	7
03:00	0	0	0	0	1	3	5	1	0	0	0	0	0	0	10	38-47	7
04:00	0	0	1	1	3	9	10	0	1	0	0	0	0	0	25	36-45	17
05:00	10	2	0	2	9	48	38	8	1	0	0	0	0	0	118	36-45	72
06:00	21	2	3	15	35	88	50	3	1	0	0	0	0	0	218	34-43	122
07:00	22	8	19	28	75	106	31	2	0	0	0	0	0	0	291	32-41	156
08:00	28	12	17	14	75	147	42	1	0	0	0	0	0	0	336	33-42	193
09:00	20	22	20	19	72	142	31	1	0	0	0	0	0	0	327	32-41	184
10:00	27	24	32	25	86	158	42	4	0	0	0	0	0	0	398	32-41	210
11:00	20	14	35	37	105	148	50	2	0	0	0	0	0	0	411	32-41	223
12 PM	16	12	51	34	102	167	48	1	1	0	0	0	0	0	432	32-41	240
13:00	23	19	33	38	126	164	33	1	0	0	0	0	0	0	437	31-40	248
14:00	28	21	54	61	145	258	63	1	0	0	0	0	0	0	631	32-41	357
15:00	47	29	73	139	244	270	47	0	0	0	0	0	0	0	849	31-40	447
16:00	41	22	58	109	318	358	78	2	0	0	0	0	0	0	986	31-40	591
17:00	19	17	47	74	218	449	76	3	0	0	0	0	0	0	903	32-41	602
18:00	13	12	18	21	89	217	103	3	0	0	0	0	0	0	476	34-43	304
19:00	6	7	8	10	67	175	49	1	0	0	0	0	0	0	323	33-42	229
20:00	3	1	7	9	63	108	35	3	0	0	0	0	0	0	229	32-41	158
21:00	0	0	2	3	25	60	27	1	0	0	0	0	0	0	118	34-43	86
22:00	1	0	0	2	18	39	20	3	0	0	0	0	0	0	83	34-43	58
23:00	0	0	0	1	14	24	6	0	1	0	0	0	0	0	46	32-41	35
Total	345	224	478	642	1900	3158	892	42	5	0	0	0	0	0	7686		
Percent	4.5%	2.9%	6.2%	8.4%	24.7%	41.1%	11.6%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	11:00	11:00	11:00	10:00	06:00	05:00	04:00						11:00		
Vol.	28	24	35	37	105	158	50	8	1						411		
PM Peak	15:00	15:00	15:00	15:00	16:00	17:00	18:00	17:00	12:00						16:00		
Vol.	47	29	73	139	318	449	103	3	1						986		

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 4

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302

Station ID:

West Latitude: 0' 0.000 Undefined

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
06/19/12	1	0	0	1	10	5	8	0	0	0	0	0	0	0	25	30-39	14
01:00	1	0	0	0	3	13	1	1	0	0	0	0	0	0	19	33-42	15
02:00	1	0	0	0	6	4	1	1	0	0	0	0	0	0	13	32-41	8
03:00	0	1	0	0	1	2	2	0	1	0	0	0	0	0	7	37-46	3
04:00	0	0	0	0	2	10	10	2	1	0	0	0	0	0	25	36-45	18
05:00	13	0	4	2	13	43	40	15	2	0	0	0	0	0	132	36-45	71
06:00	16	1	8	15	39	97	79	2	0	0	0	0	0	0	257	35-44	155
07:00	22	8	19	28	75	106	31	2	0	0	0	0	0	0	291	32-41	156
08:00	28	12	17	14	75	147	42	1	0	0	0	0	0	0	336	33-42	193
09:00	20	22	20	19	72	142	31	1	0	0	0	0	0	0	327	32-41	184
10:00	18	24	28	28	85	144	27	3	0	0	0	0	0	0	357	32-41	196
11:00	29	21	32	24	117	122	47	2	0	0	0	0	0	0	394	31-40	202
12 PM	18	20	26	43	97	140	56	2	0	0	0	0	0	0	402	32-41	211
13:00	27	15	25	33	118	197	54	4	0	0	0	0	0	0	473	32-41	276
14:00	41	17	35	47	164	263	59	4	0	0	0	0	0	0	630	32-41	369
15:00	41	14	52	84	255	316	75	5	0	0	0	0	0	0	842	31-40	498
16:00	33	11	60	107	222	359	89	3	0	0	0	0	0	0	884	32-41	520
17:00	20	18	42	85	256	457	59	0	0	0	0	0	0	0	937	32-41	634
18:00	16	5	19	20	111	308	74	3	0	0	0	0	0	0	556	33-42	393
19:00	5	6	11	5	55	186	50	5	0	0	0	0	0	0	323	33-42	234
20:00	2	2	6	7	87	140	19	0	0	0	0	0	0	0	263	32-41	203
21:00	3	1	2	10	40	72	25	1	0	0	0	0	0	0	154	33-42	104
22:00	0	0	0	1	21	54	30	0	0	0	0	0	0	0	106	34-43	80
23:00	0	0	1	1	16	34	12	3	0	0	0	0	0	0	67	33-42	48
Total	355	198	407	574	1940	3361	921	60	4	0	0	0	0	0	7820		
Percent	4.5%	2.5%	5.2%	7.3%	24.8%	43.0%	11.8%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	11:00	07:00	11:00	08:00	06:00	05:00	05:00						11:00		
Vol.	29	24	32	28	117	147	79	15	2						394		
PM Peak	14:00	12:00	16:00	16:00	17:00	17:00	16:00	15:00							17:00		
Vol.	41	20	60	107	256	457	89	5							937		
Total	700	422	885	1216	3840	6519	1813	102	9	0	0	0	0	0	15506		
Percent	4.5%	2.7%	5.7%	7.8%	24.8%	42.0%	11.7%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 23 MPH
50th Percentile : 34 MPH
85th Percentile : 40 MPH
95th Percentile : 43 MPH

Stats
10 MPH Pace Speed : 32-41 MPH
Number in Pace : 9203
Percent in Pace : 59.4%
Number of Vehicles > 35 MPH : 7737
Percent of Vehicles > 35 MPH : 49.9%
Mean Speed(Average) : 33 MPH

Montachusett Regional Planning Commission
1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 5

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302
Station ID:

East, West																Latitude: 0' 0.000 Undefined		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76		Pace	Number	
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	in Pace	
06/18/12	0	0	0	0	9	16	5	0	0	0	0	0	0	0	30	33-42	23	
01:00	0	0	1	0	5	8	2	0	0	0	0	0	0	0	16	31-40	12	
02:00	0	0	0	1	6	11	2	1	0	0	0	0	0	0	21	32-41	16	
03:00	1	0	1	2	23	42	11	2	0	0	0	0	0	0	82	32-41	60	
04:00	2	0	1	6	98	254	50	2	1	0	0	0	0	0	414	33-42	332	
05:00	29	4	3	24	323	592	107	9	1	0	0	0	0	0	1092	32-41	821	
06:00	46	12	28	69	436	589	91	6	1	0	0	0	0	0	1278	32-41	892	
07:00	51	30	55	144	497	413	51	2	0	0	0	0	0	0	1243	30-39	792	
08:00	59	55	55	96	326	321	61	2	0	0	0	0	0	0	975	31-40	546	
09:00	44	58	70	84	255	241	42	2	0	0	0	0	0	0	796	31-40	418	
10:00	54	59	62	74	238	267	50	4	0	0	0	0	0	0	808	31-40	421	
11:00	45	37	82	105	276	228	59	2	0	0	0	0	0	0	834	30-39	437	
12 PM	40	38	86	81	249	281	56	2	1	0	0	0	0	0	834	31-40	455	
13:00	45	52	61	83	282	261	39	1	0	0	0	0	0	0	824	31-40	458	
14:00	60	43	84	120	306	382	74	1	0	0	0	0	0	0	1070	31-40	590	
15:00	86	55	108	194	399	364	54	0	0	0	0	0	0	0	1260	30-39	658	
16:00	74	47	91	137	470	479	86	5	0	0	0	0	0	0	1389	31-40	813	
17:00	56	33	74	99	297	540	95	4	0	0	0	0	0	0	1198	32-41	733	
18:00	33	24	37	29	172	324	117	4	0	0	0	0	0	0	740	33-42	451	
19:00	16	19	25	25	142	240	58	2	0	0	0	0	0	0	527	32-41	339	
20:00	4	13	15	23	119	150	37	3	0	0	0	0	0	0	364	31-40	238	
21:00	0	0	3	6	52	90	32	1	0	0	0	0	0	0	184	33-42	134	
22:00	1	0	0	4	31	50	20	4	0	0	0	0	0	0	110	33-42	76	
23:00	0	0	0	1	23	35	8	1	2	0	0	0	0	0	70	32-41	53	
Total	746	579	942	1407	5034	6178	1207	60	6	0	0	0	0	0	16159			
Percent	4.6%	3.6%	5.8%	8.7%	31.2%	38.2%	7.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	08:00	10:00	11:00	07:00	07:00	05:00	05:00	05:00	04:00						06:00			
Vol.	59	59	82	144	497	592	107	9	1						1278			
PM Peak	15:00	15:00	15:00	15:00	16:00	17:00	18:00	16:00	23:00						16:00			
Vol.	86	55	108	194	470	540	117	5	2						1389			

Montachusett Regional Planning Commission
 1427R Water Street
 Fitchburg, MA 01420
 Tel: (978) 345-7376 Email: mrpc@mrpc.org

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Community: Groton
 Street: Boston Road
 Location: E. of Lovers Lane
 Functional Class: U-3

Site Code: 11520124302
 Station ID:

East, West																Latitude: 0' 0.000 Undefined		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
06/19/12	1	0	0	1	12	9	9	0	0	0	0	0	0	0	0	32	33-42	19
01:00	1	0	0	0	4	16	1	1	0	0	0	0	0	0	0	23	33-42	18
02:00	2	0	1	1	12	11	3	1	0	0	0	0	0	0	0	31	31-40	20
03:00	0	1	0	1	29	36	10	0	1	0	0	0	0	0	0	78	32-41	59
04:00	0	0	1	5	60	281	70	4	2	0	0	0	0	0	0	423	34-43	347
05:00	23	0	9	50	301	577	100	15	2	0	0	0	0	0	0	1077	32-41	795
06:00	41	12	25	88	444	594	137	3	0	0	0	0	0	0	0	1344	32-41	918
07:00	51	30	55	144	497	413	51	2	0	0	0	0	0	0	0	1243	30-39	792
08:00	59	55	55	96	326	321	61	2	0	0	0	0	0	0	0	975	31-40	546
09:00	44	58	70	84	255	241	42	2	0	0	0	0	0	0	0	796	31-40	418
10:00	37	44	69	89	280	232	33	3	0	0	0	0	0	0	0	787	30-39	439
11:00	47	46	78	76	295	234	55	2	0	0	0	0	0	0	0	833	30-39	449
12 PM	37	42	53	96	318	237	65	2	0	0	0	0	0	0	0	850	30-39	482
13:00	44	44	44	91	281	316	66	4	0	0	0	0	0	0	0	890	31-40	511
14:00	68	38	57	92	339	382	73	4	0	0	0	0	0	0	0	1053	31-40	612
15:00	71	29	86	138	406	416	82	5	0	0	0	0	0	0	0	1233	31-40	709
16:00	61	28	83	124	350	505	102	3	0	0	0	0	0	0	0	1256	32-41	743
17:00	46	34	64	109	342	569	73	0	0	0	0	0	0	0	0	1237	32-41	794
18:00	25	19	30	38	178	404	93	4	0	0	0	0	0	0	0	791	33-42	528
19:00	10	20	22	18	120	255	57	5	0	0	0	0	0	0	0	507	32-41	338
20:00	3	10	12	18	163	184	23	0	0	0	0	0	0	0	0	413	31-40	305
21:00	3	1	2	13	77	101	32	1	0	0	0	0	0	0	0	230	32-41	162
22:00	1	0	0	2	33	70	35	1	0	0	0	0	0	0	0	142	34-43	104
23:00	0	0	1	2	26	41	12	3	0	0	0	0	0	0	0	85	32-41	62
Total	675	511	817	1376	5148	6445	1285	67	5	0	0	0	0	0	0	16329		
Percent	4.1%	3.1%	5.0%	8.4%	31.5%	39.5%	7.9%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	09:00	11:00	07:00	07:00	06:00	06:00	05:00	04:00							06:00		
Vol.	59	58	78	144	497	594	137	15	2							1344		
PM Peak	15:00	13:00	15:00	15:00	15:00	17:00	16:00	15:00								16:00		
Vol.	71	44	86	138	406	569	102	5								1256		
Total	1421	1090	1759	2783	10182	12623	2492	127	11	0	0	0	0	0	0	32488		
Percent	4.4%	3.4%	5.4%	8.6%	31.3%	38.9%	7.7%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 22 MPH
 50th Percentile : 34 MPH
 85th Percentile : 39 MPH
 95th Percentile : 41 MPH

Stats 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 19683
 Percent in Pace : 60.6%
 Number of Vehicles > 35 MPH : 14224
 Percent of Vehicles > 35 MPH : 43.8%
 Mean Speed(Average) : 32 MPH

Montachusett Regional Planning Commission
 1427R Water Street
 Fitchburg, MA 01420
 Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 1

Community: Groton
 Street: Main St (Rt. 119/225)
 Location: N. of Lowell Rd (Rt. 40)
 Functional Class: U-3

Site Code: 1152012463
 Station ID:

North																Latitude: 0' 0.000 Undefined		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76		Pace	Number	
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	in Pace	
06/18/12	1	2	13	46	13	3	0	0	0	0	0	0	0	0	78	23-32	58	
01:00	0	2	6	15	9	0	0	0	0	0	0	0	0	0	32	24-33	22	
02:00	0	1	3	2	5	0	0	0	0	0	0	0	0	0	11	27-36	6	
03:00	0	1	2	5	6	1	0	0	0	0	0	0	0	0	15	25-34	10	
04:00	0	0	0	9	4	1	0	0	0	0	0	0	0	0	14	25-34	12	
05:00	1	3	8	9	13	4	0	0	0	0	0	0	0	0	38	26-35	20	
06:00	23	7	33	40	25	6	0	0	0	0	0	0	0	0	134	22-31	60	
07:00	46	15	32	77	43	3	0	0	0	0	0	0	0	0	216	24-33	96	
08:00	60	35	57	74	36	2	0	0	0	0	0	0	0	0	264	22-31	100	
09:00	52	36	114	130	36	2	0	0	0	0	0	0	0	0	370	21-30	192	
10:00	47	54	152	116	20	0	0	0	0	0	0	0	0	0	389	20-29	213	
11:00	54	59	149	165	21	2	0	0	0	0	0	0	0	0	450	21-30	246	
12 PM	59	99	187	126	10	1	0	0	0	0	0	0	0	0	482	19-28	252	
13:00	35	68	203	177	21	1	0	0	0	0	0	0	0	0	505	20-29	309	
14:00	56	80	221	168	20	2	0	0	0	0	0	0	0	0	547	20-29	312	
15:00	98	109	198	166	23	1	0	0	0	0	0	0	0	0	595	20-29	281	
16:00	197	242	264	89	8	1	0	0	0	0	0	0	0	0	801	15-24	363	
17:00	187	219	226	116	2	0	0	0	0	0	0	0	0	0	750	14-23	324	
18:00	105	152	321	287	18	1	0	0	0	0	0	0	0	0	884	20-29	477	
19:00	15	29	151	273	90	4	0	0	0	0	0	0	0	0	562	22-31	382	
20:00	13	30	100	205	71	2	1	0	0	0	0	0	0	0	422	23-32	277	
21:00	6	16	71	140	39	3	0	0	0	0	0	0	0	0	275	22-31	190	
22:00	9	8	31	72	35	2	0	0	0	0	0	0	0	0	157	24-33	98	
23:00	0	4	19	49	26	3	0	0	0	0	0	0	0	0	101	24-33	71	
Total	1064	1271	2561	2556	594	45	1	0	0	0	0	0	0	0	8092			
Percent	13.1%	15.7%	31.6%	31.6%	7.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	08:00	11:00	10:00	11:00	07:00	06:00										11:00		
Vol.	60	59	152	165	43	6										450		
PM Peak	16:00	16:00	18:00	18:00	19:00	19:00	20:00									18:00		
Vol.	197	242	321	287	90	4	1									884		
Total	1064	1271	2561	2556	594	45	1	0	0	0	0	0	0	0	8092			
Percent	13.1%	15.7%	31.6%	31.6%	7.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				

15th Percentile : 10 MPH
 50th Percentile : 21 MPH
 85th Percentile : 28 MPH
 95th Percentile : 31 MPH

Stats
 10 MPH Pace Speed : 20-29 MPH
 Number in Pace : 3996
 Percent in Pace : 49.4%
 Number of Vehicles > 25 MPH : 2700
 Percent of Vehicles > 25 MPH : 33.4%
 Mean Speed(Average) : 21 MPH

Montachusett Regional Planning Commission

Page 2

Community: Groton
Street: Main St (Rt. 119/225)
Location: N. of Lowell Rd (Rt. 40)
Functional Class: U-3

1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Site Code: 1152012463
Station ID:

South																Latitude: 0' 0.000 Undefined		
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76		Pace	Number	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	in Pace	
06/18/12	2	3	11	11	6	0	0	0	0	0	0	0	0	0	33	21-30	19	
01:00	0	1	6	5	3	1	0	0	0	0	0	0	0	0	16	20-29	10	
02:00	0	0	2	2	3	0	0	0	0	0	0	0	0	0	7	24-33	5	
03:00	1	1	3	12	2	2	0	0	0	0	0	0	0	0	21	23-32	14	
04:00	1	2	5	32	40	4	0	0	0	0	0	0	0	0	84	26-35	63	
05:00	7	12	48	213	165	15	1	0	0	0	0	0	0	0	461	25-34	334	
06:00	42	122	287	442	146	9	0	0	0	0	0	0	0	0	1048	22-31	626	
07:00	132	295	386	240	26	3	0	0	0	0	0	0	0	0	1082	17-26	536	
08:00	153	283	338	176	15	2	0	0	0	0	0	0	0	0	967	16-25	466	
09:00	93	188	267	131	18	0	0	0	0	0	0	0	0	0	697	17-26	351	
10:00	107	149	181	72	12	0	0	0	0	0	0	0	0	0	521	16-25	240	
11:00	77	134	147	109	23	0	0	0	0	0	0	0	0	0	490	17-26	217	
12 PM	146	146	170	63	6	0	0	0	0	0	0	0	0	0	531	15-24	226	
13:00	94	124	190	92	14	0	0	0	0	0	0	0	0	0	514	17-26	239	
14:00	54	133	208	78	15	1	0	0	0	0	0	0	0	0	489	17-26	264	
15:00	126	140	125	59	13	1	0	0	0	0	0	0	0	0	464	11-20	198	
16:00	159	131	83	28	4	0	0	0	0	0	0	0	0	0	405	7-16	199	
17:00	179	85	76	37	4	0	0	0	0	0	0	0	0	0	381	6-15	196	
18:00	122	53	78	48	14	0	0	0	0	0	0	0	0	0	315	5-14	141	
19:00	44	66	107	121	25	2	0	0	0	0	0	0	0	0	365	21-30	178	
20:00	28	28	54	83	32	9	0	0	0	0	0	0	0	0	234	22-31	112	
21:00	14	42	61	46	15	2	0	0	0	0	0	0	0	0	180	19-28	89	
22:00	4	8	26	46	15	0	0	0	0	0	0	0	0	0	99	23-32	63	
23:00	1	5	9	15	9	3	0	0	0	0	0	0	0	0	42	24-33	22	
Total	1586	2151	2868	2161	625	54	1	0	0	0	0	0	0	0	9446			
Percent	16.8%	22.8%	30.4%	22.9%	6.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	08:00	07:00	07:00	06:00	05:00	05:00	05:00									07:00		
Vol.	153	295	386	442	165	15	1									1082		
PM Peak	17:00	12:00	14:00	19:00	20:00	20:00										12:00		
Vol.	179	146	208	121	32	9										531		
Total	1586	2151	2868	2161	625	54	1	0	0	0	0	0	0	0	9446			
Percent	16.8%	22.8%	30.4%	22.9%	6.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				

15th Percentile : 9 MPH
50th Percentile : 19 MPH
85th Percentile : 27 MPH
95th Percentile : 31 MPH

Stats
10 MPH Pace Speed : 19-28 MPH
Number in Pace : 4026
Percent in Pace : 42.6%
Number of Vehicles > 25 MPH : 2344
Percent of Vehicles > 25 MPH : 24.8%
Mean Speed(Average) : 19 MPH

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1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Site Code: 1152012463
Station ID:

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
06/18/12	3	5	24	57	19	3	0	0	0	0	0	0	0	0	111	23-32	76
01:00	0	3	12	20	12	1	0	0	0	0	0	0	0	0	48	24-33	31
02:00	0	1	5	4	8	0	0	0	0	0	0	0	0	0	18	24-33	11
03:00	1	2	5	17	8	3	0	0	0	0	0	0	0	0	36	24-33	23
04:00	1	2	5	41	44	5	0	0	0	0	0	0	0	0	98	26-35	75
05:00	8	15	56	222	178	19	1	0	0	0	0	0	0	0	499	25-34	353
06:00	65	129	320	482	171	15	0	0	0	0	0	0	0	0	1182	22-31	685
07:00	178	310	418	317	69	6	0	0	0	0	0	0	0	0	1298	19-28	596
08:00	213	318	395	250	51	4	0	0	0	0	0	0	0	0	1231	17-26	546
09:00	145	224	381	261	54	2	0	0	0	0	0	0	0	0	1067	19-28	517
10:00	154	203	333	188	32	0	0	0	0	0	0	0	0	0	910	18-27	425
11:00	131	193	296	274	44	2	0	0	0	0	0	0	0	0	940	20-29	445
12 PM	205	245	357	189	16	1	0	0	0	0	0	0	0	0	1013	17-26	455
13:00	129	192	393	269	35	1	0	0	0	0	0	0	0	0	1019	19-28	528
14:00	110	213	429	246	35	3	0	0	0	0	0	0	0	0	1036	19-28	557
15:00	224	249	323	225	36	2	0	0	0	0	0	0	0	0	1059	18-27	437
16:00	356	373	347	117	12	1	0	0	0	0	0	0	0	0	1206	11-20	527
17:00	366	304	302	153	6	0	0	0	0	0	0	0	0	0	1131	7-16	487
18:00	227	205	399	335	32	1	0	0	0	0	0	0	0	0	1199	20-29	556
19:00	59	95	258	394	115	6	0	0	0	0	0	0	0	0	927	22-31	550
20:00	41	58	154	288	103	11	1	0	0	0	0	0	0	0	656	23-32	385
21:00	20	58	132	186	54	5	0	0	0	0	0	0	0	0	455	22-31	268
22:00	13	16	57	118	50	2	0	0	0	0	0	0	0	0	256	23-32	161
23:00	1	9	28	64	35	6	0	0	0	0	0	0	0	0	143	24-33	93
Total	2650	3422	5429	4717	1219	99	2	0	0	0	0	0	0	0	17538		
Percent	15.1%	19.5%	31.0%	26.9%	7.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	07:00	06:00	05:00	05:00	05:00								07:00		
Vol.	213	318	418	482	178	19	1								1298		
PM Peak	17:00	16:00	14:00	19:00	19:00	20:00	20:00								16:00		
Vol.	366	373	429	394	115	11	1								1206		
Total	2650	3422	5429	4717	1219	99	2	0	0	0	0						

15th Percentile :	9 MPH
50th Percentile :	20 MPH
85th Percentile :	28 MPH
95th Percentile :	31 MPH

Stats	10 MPH Pace Speed :	20-29 MPH
	Number in Pace :	7934
	Percent in Pace :	45.2%
	Number of Vehicles > 25 MPH :	5025
	Percent of Vehicles > 25 MPH :	28.7%
	Mean Speed(Average) :	20 MPH

Montachusett Regional Planning Commission
1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 1

Community: Groton
Street: Main St (Rt. 119/225)
Location: S. of Lowell Rd (Rt. 40)
Functional Class: U-3

Site Code: 1152012442
Station ID:

North																Latitude: 0' 0.000 Undefined		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76		Pace	Number	
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	in Pace	
06/18/12	0	0	1	7	10	2	0	0	0	0	0	0	0	0	20	27-36	15	
01:00	0	0	0	6	4	3	0	0	0	0	0	0	0	0	13	27-36	9	
02:00	1	0	0	1	3	6	0	0	0	0	0	0	0	0	11	32-41	8	
03:00	0	0	0	4	9	4	2	0	0	0	0	0	0	0	19	27-36	13	
04:00	2	0	0	8	30	12	3	1	0	0	0	0	0	0	56	29-38	39	
05:00	23	0	3	23	81	34	3	0	0	0	0	0	0	0	167	29-38	100	
06:00	46	1	5	45	139	31	4	1	0	0	0	0	0	0	272	28-37	157	
07:00	40	1	10	105	182	30	6	0	0	0	0	0	0	1	375	27-36	241	
08:00	27	2	18	114	203	37	2	0	0	0	1	0	0	0	404	27-36	276	
09:00	26	0	22	117	205	38	2	0	0	0	0	0	0	0	410	27-36	281	
10:00	35	3	26	178	223	27	3	3	1	0	0	0	0	0	499	26-35	339	
11:00	39	1	16	146	227	37	1	0	0	0	0	0	0	0	467	27-36	317	
12 PM	34	0	21	159	256	41	2	1	0	1	0	1	0	0	516	27-36	358	
13:00	28	1	27	191	293	32	1	0	0	0	0	0	0	0	573	27-36	418	
14:00	132	33	72	243	276	34	0	0	0	0	0	0	1	0	791	26-35	407	
15:00	161	51	118	347	263	14	0	0	0	0	0	0	0	0	954	25-34	484	
16:00	195	76	71	355	280	18	0	0	0	0	0	0	0	0	995	25-34	478	
17:00	29	1	21	319	400	42	2	1	0	0	0	0	0	0	815	26-35	622	
18:00	15	1	5	136	262	35	0	0	0	0	0	0	0	1	455	27-36	354	
19:00	8	0	8	122	172	32	1	0	0	0	0	0	0	0	343	27-36	261	
20:00	9	0	5	74	103	12	4	0	0	0	0	0	0	0	207	27-36	153	
21:00	0	0	0	30	47	21	2	0	0	0	0	0	0	1	101	28-37	73	
22:00	1	0	4	29	47	7	1	0	0	0	0	0	0	0	89	27-36	68	
23:00	2	0	2	21	23	1	0	0	0	0	0	0	0	0	49	26-35	38	
Total	853	171	455	2780	3738	550	39	7	1	1	1	1	1	3	8601			
Percent	9.9%	2.0%	5.3%	32.3%	43.5%	6.4%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	06:00	10:00	10:00	10:00	11:00	09:00	07:00	10:00	10:00		08:00			07:00	10:00			
Vol.	46	3	26	178	227	38	6	3	1		1			1	499			
PM Peak	16:00	16:00	15:00	16:00	17:00	17:00	20:00	12:00		12:00		12:00	14:00	18:00	16:00			
Vol.	195	76	118	355	400	42	4	1		1		1	1	1	995			
Total	853	171	455	2780	3738	550	39	7	1	1	1	1	1	3	8601			
Percent	9.9%	2.0%	5.3%	32.3%	43.5%	6.4%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
15th Percentile :				12 MPH														
50th Percentile :				29 MPH														
85th Percentile :				34 MPH														
95th Percentile :				36 MPH														

Stats 10 MPH Pace Speed : 26-35 MPH
Number in Pace : 5377
Percent in Pace : 62.5%
Number of Vehicles > 30 MPH : 3878
Percent of Vehicles > 30 MPH : 45.1%
Mean Speed(Average) : 27 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 2

Community: Groton

Street: Main St (Rt. 119/225)

Location: S. of Lowell Rd (Rt. 40)

Functional Class: U-3

Site Code: 1152012442

Station ID:

South Latitude: 0' 0.000 Undefined

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
06/18/12	0	0	0	2	5	3	0	0	0	0	0	0	0	0	10	29-38	8
01:00	0	0	0	1	6	3	1	0	0	0	0	0	0	0	11	31-40	8
02:00	0	0	0	6	7	13	0	0	0	0	0	0	0	0	26	32-41	18
03:00	0	0	0	3	58	59	6	0	0	0	0	0	0	0	126	31-40	104
04:00	5	0	1	31	330	249	12	2	0	0	0	0	0	0	630	31-40	511
05:00	18	1	4	90	675	259	10	0	0	0	0	0	0	0	1057	30-39	855
06:00	34	0	6	263	572	100	5	0	0	0	0	0	0	0	980	27-36	752
07:00	31	0	10	209	450	89	3	0	0	0	0	0	0	0	792	27-36	594
08:00	25	0	15	158	278	55	4	0	0	0	0	0	0	0	535	27-36	386
09:00	18	2	14	197	193	21	1	0	0	0	0	0	0	0	446	26-35	336
10:00	40	2	12	168	186	35	0	1	0	0	0	0	0	0	444	26-35	295
11:00	25	1	27	167	197	30	0	0	0	0	0	0	0	0	447	26-35	313
12 PM	24	0	20	176	187	23	0	0	0	0	0	0	0	0	430	26-35	311
13:00	25	0	8	145	226	21	2	0	0	0	0	0	0	0	427	27-36	318
14:00	44	0	26	157	175	20	0	1	0	0	0	0	0	0	423	26-35	275
15:00	39	0	13	129	188	28	1	0	0	0	0	0	0	0	398	27-36	265
16:00	57	2	14	82	130	39	1	0	0	0	0	0	0	0	325	27-36	172
17:00	20	2	2	47	138	56	5	0	0	0	0	0	0	0	270	29-38	179
18:00	17	0	3	44	152	38	3	1	2	0	0	0	0	0	260	28-37	184
19:00	9	0	2	33	88	42	6	0	0	0	0	0	0	0	180	29-38	122
20:00	2	1	3	29	48	33	3	0	0	0	0	0	0	0	119	29-38	78
21:00	1	0	0	7	38	13	2	0	0	0	0	0	0	0	61	29-38	48
22:00	1	0	0	5	15	8	0	1	0	0	0	0	0	0	30	30-39	21
23:00	0	0	0	2	8	3	2	0	0	0	0	0	0	0	15	29-38	11
Total	435	11	180	2151	4350	1240	67	6	2	0	0	0	0	0	8442		
Percent	5.2%	0.1%	2.1%	25.5%	51.5%	14.7%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	09:00	11:00	06:00	05:00	05:00	04:00	04:00							05:00		
Vol.	40	2	27	263	675	259	12	2							1057		
PM Peak	16:00	16:00	14:00	12:00	13:00	17:00	19:00	14:00	18:00						12:00		
Vol.	57	2	26	176	226	56	6	1	2						430		
Total	435	11	180	2151	4350	1240	67	6	2	0	0	0	0	0	8442		
Percent	5.2%	0.1%	2.1%	25.5%	51.5%	14.7%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
			15th Percentile :		25 MPH												
			50th Percentile :		31 MPH												
			85th Percentile :		35 MPH												
			95th Percentile :		38 MPH												

Stats

10 MPH Pace Speed : 28-37 MPH

Number in Pace : 5890

Percent in Pace : 69.8%

Number of Vehicles > 30 MPH : 5184

Percent of Vehicles > 30 MPH : 61.4%

Mean Speed(Average) : 30 MPH

Montachusett Regional Planning Commission

Page 3

Community: Groton
Street: Main St (Rt. 119/225)
Location: S. of Lowell Rd (Rt. 40)
Functional Class: U-3

1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Site Code: 1152012442

Station ID:

North, South Latitude: 0' 0.000 Undefined

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76		Pace	Number
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	in Pace
06/18/12	0	0	1	9	15	5	0	0	0	0	0	0	0	0	30	28-37	22
01:00	0	0	0	7	10	6	1	0	0	0	0	0	0	0	24	28-37	17
02:00	1	0	0	7	10	19	0	0	0	0	0	0	0	0	37	31-40	26
03:00	0	0	0	7	67	63	8	0	0	0	0	0	0	0	145	31-40	116
04:00	7	0	1	39	360	261	15	3	0	0	0	0	0	0	686	30-39	549
05:00	41	1	7	113	756	293	13	0	0	0	0	0	0	0	1224	29-38	951
06:00	80	1	11	308	711	131	9	1	0	0	0	0	0	0	1252	27-36	902
07:00	71	1	20	314	632	119	9	0	0	0	0	0	0	1	1167	27-36	834
08:00	52	2	33	272	481	92	6	0	0	0	1	0	0	0	939	27-36	662
09:00	44	2	36	314	398	59	3	0	0	0	0	0	0	0	856	26-35	612
10:00	75	5	38	346	409	62	3	4	1	0	0	0	0	0	943	26-35	634
11:00	64	2	43	313	424	67	1	0	0	0	0	0	0	0	914	27-36	627
12 PM	58	0	41	335	443	64	2	1	0	1	0	1	0	0	946	26-35	665
13:00	53	1	35	336	519	53	3	0	0	0	0	0	0	0	1000	27-36	736
14:00	176	33	98	400	451	54	0	1	0	0	0	0	1	0	1214	26-35	679
15:00	200	51	131	476	451	42	1	0	0	0	0	0	0	0	1352	26-35	736
16:00	252	78	85	437	410	57	1	0	0	0	0	0	0	0	1320	26-35	645
17:00	49	3	23	366	538	98	7	1	0	0	0	0	0	0	1085	27-36	789
18:00	32	1	8	180	414	73	3	1	2	0	0	0	0	1	715	27-36	533
19:00	17	0	10	155	260	74	7	0	0	0	0	0	0	0	523	27-36	376
20:00	11	1	8	103	151	45	7	0	0	0	0	0	0	0	326	27-36	228
21:00	1	0	0	37	85	34	4	0	0	0	0	0	0	1	162	28-37	120
22:00	2	0	4	34	62	15	1	1	0	0	0	0	0	0	119	27-36	88
23:00	2	0	2	23	31	4	2	0	0	0	0	0	0	0	64	27-36	47
Total	1288	182	635	4931	8088	1790	106	13	3	1	1	1	1	3	17043		
Percent	7.6%	1.1%	3.7%	28.9%	47.5%	10.5%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	10:00	11:00	10:00	05:00	05:00	04:00	10:00	10:00		08:00			07:00	06:00		
Vol.	80	5	43	346	756	293	15	4	1		1			1	1252		
PM Peak	16:00	16:00	15:00	15:00	17:00	17:00	17:00	12:00	18:00	12:00		12:00	14:00	18:00	15:00		
Vol.	252	78	131	476	538	98	7	1	2	1		1	1	1	1352		
Total	1288	182	635	4931	8088	1790	106	13	3	1	1	1	1	3	17043		
Percent	7.6%	1.1%	3.7%	28.9%	47.5%	10.5%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 20 MPH
50th Percentile : 30 MPH
85th Percentile : 34 MPH
95th Percentile : 37 MPH

Stats
10 MPH Pace Speed : 27-36 MPH
Number in Pace : 11228
Percent in Pace : 65.9%
Number of Vehicles > 30 MPH : 9031
Percent of Vehicles > 30 MPH : 53.0%
Mean Speed(Average) : 29 MPH

APPENDIX F – Classification Data

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 1

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302

Station ID:

East															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/18/12	1	7	0	0	0	0	0	0	1	0	0	0	0	0	9
01:00	1	5	0	0	0	0	0	0	1	0	0	0	0	0	7
02:00	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
03:00	2	48	17	0	1	1	0	0	2	0	0	0	0	1	72
04:00	10	269	88	1	8	5	0	2	4	0	0	0	0	2	389
05:00	26	703	197	1	22	1	1	3	1	0	0	0	0	19	974
06:00	14	865	129	1	17	2	0	4	4	1	0	0	0	23	1060
07:00	13	798	97	1	10	0	0	3	3	0	0	0	0	27	952
08:00	6	495	83	3	11	2	1	8	2	0	0	0	0	28	639
09:00	7	369	53	6	11	0	0	3	2	0	0	0	0	18	469
10:00	2	296	67	4	7	4	0	1	4	0	0	0	0	25	410
11:00	2	307	61	4	14	4	1	4	7	1	0	0	0	18	423
12 PM	5	287	60	2	13	7	0	2	3	0	0	0	0	23	402
13:00	2	300	50	1	6	3	0	3	1	2	0	0	0	19	387
14:00	6	323	59	1	12	4	0	2	2	0	0	0	0	30	439
15:00	6	302	46	2	9	1	0	5	1	0	0	0	0	39	411
16:00	3	318	36	1	6	2	0	3	1	0	0	0	0	33	403
17:00	1	222	29	0	4	1	0	1	1	0	0	0	0	36	295
18:00	3	211	24	0	6	0	0	0	0	0	0	0	0	20	264
19:00	1	170	26	1	0	0	0	0	0	0	0	0	0	6	204
20:00	1	114	17	0	1	0	0	1	1	0	0	0	0	0	135
21:00	1	58	6	0	1	0	0	0	0	0	0	0	0	0	66
22:00	0	23	2	0	0	0	0	1	1	0	0	0	0	0	27
23:00	0	19	5	0	0	0	0	0	0	0	0	0	0	0	24
Total	113	6517	1156	29	159	37	3	46	42	4	0	0	0	367	8473
Percent	1.3%	76.9%	13.6%	0.3%	1.9%	0.4%	0.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	4.3%	
AM Peak	05:00	06:00	05:00	09:00	05:00	04:00	05:00	08:00	11:00	06:00				08:00	
Vol.	26	865	197	6	22	5	1	8	7	1				28	
PM Peak	14:00	14:00	12:00	12:00	12:00	12:00		15:00	12:00	13:00				15:00	
Vol.	6	323	60	2	13	7		5	3	2				39	

Montachusett Regional Planning Commission
1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 2

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302
Station ID:

East Latitude: 0' 0.000 Undefined

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/19/12	0	5	1	0	0	0	0	1	0	0	0	0	0	0	7
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	14	2	0	0	0	0	0	1	0	0	0	0	1	18
03:00	0	49	15	0	3	1	0	0	3	0	0	0	0	0	71
04:00	9	271	106	0	5	3	0	0	2	1	0	0	0	1	398
05:00	27	690	178	3	26	3	0	5	2	1	0	0	0	10	945
06:00	14	886	129	3	20	7	0	2	3	1	0	0	0	22	1087
07:00	13	798	97	1	10	0	0	3	3	0	0	0	0	27	952
08:00	6	495	83	3	11	2	1	8	2	0	0	0	0	28	639
09:00	7	369	53	6	11	0	0	3	2	0	0	0	0	18	469
10:00	3	325	65	4	10	1	2	1	3	1	0	0	0	15	430
11:00	9	324	56	0	18	6	1	2	6	0	0	0	0	17	439
12 PM	3	350	49	1	16	4	0	3	5	0	0	0	0	17	448
13:00	5	322	55	1	12	2	0	2	1	1	0	0	0	16	417
14:00	3	316	64	0	11	2	0	1	1	0	1	0	0	24	423
15:00	2	307	37	0	11	0	0	4	1	0	0	1	0	28	391
16:00	2	289	42	2	6	1	0	2	0	1	0	0	0	27	372
17:00	2	227	36	0	8	0	0	1	1	0	0	0	0	25	300
18:00	5	195	22	0	3	0	0	0	2	0	0	0	0	8	235
19:00	5	155	18	1	0	0	0	0	0	0	0	0	0	5	184
20:00	1	133	15	0	0	0	0	0	0	0	0	0	0	1	150
21:00	0	68	7	0	1	0	0	0	0	0	0	0	0	0	76
22:00	2	31	1	0	0	0	0	1	0	0	0	0	0	1	36
23:00	0	16	1	0	0	0	0	1	0	0	0	0	0	0	18
Total	118	6639	1132	25	182	32	4	40	38	6	1	1	0	291	8509
Percent	1.4%	78.0%	13.3%	0.3%	2.1%	0.4%	0.0%	0.5%	0.4%	0.1%	0.0%	0.0%	0.0%	3.4%	
AM Peak	05:00	06:00	05:00	09:00	05:00	06:00	10:00	08:00	11:00	04:00				08:00	
Vol.	27	886	178	6	26	7	2	8	6	1				28	
PM Peak	13:00	12:00	14:00	16:00	12:00	12:00		15:00	12:00	13:00	14:00	15:00		15:00	
Vol.	5	350	64	2	16	4		4	5	1	1	1		28	
Grand Total	231	13156	2288	54	341	69	7	86	80	10	1	1	0	658	16982
Percent	1.4%	77.5%	13.5%	0.3%	2.0%	0.4%	0.0%	0.5%	0.5%	0.1%	0.0%	0.0%	0.0%	3.9%	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 3

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302

Station ID:

Latitude: 0' 0.000 Undefined

West

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/18/12	0	14	6	0	1	0	0	0	0	0	0	0	0	0	21
01:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
02:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
03:00	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
04:00	1	19	4	1	0	0	0	0	0	0	0	0	0	0	25
05:00	2	67	25	0	8	1	0	1	4	0	0	0	0	10	118
06:00	1	132	49	1	11	2	0	0	1	0	0	0	0	21	218
07:00	4	166	66	4	21	2	0	5	1	0	0	0	0	22	291
08:00	3	197	70	3	27	2	0	4	2	0	0	0	0	28	336
09:00	2	216	59	3	19	3	0	6	1	0	0	0	0	18	327
10:00	1	236	95	7	24	5	1	2	3	0	0	0	0	24	398
11:00	3	254	99	6	19	3	1	2	3	1	0	0	0	20	411
12 PM	8	299	82	3	16	3	1	3	2	0	0	0	0	15	432
13:00	5	295	93	0	13	2	3	1	2	0	0	0	0	23	437
14:00	7	416	127	4	31	5	0	8	5	0	0	0	0	28	631
15:00	11	589	169	3	26	2	0	7	3	1	0	0	0	38	849
16:00	8	745	158	0	33	0	0	4	2	0	0	0	0	36	986
17:00	13	681	146	1	38	1	1	3	0	0	0	0	0	19	903
18:00	5	366	78	1	11	0	0	2	0	0	0	0	0	13	476
19:00	1	254	52	0	7	0	0	1	2	0	0	0	0	6	323
20:00	1	172	39	0	12	0	0	1	1	0	0	0	0	3	229
21:00	1	89	23	0	4	0	0	0	1	0	0	0	0	0	118
22:00	0	60	14	0	8	0	0	0	0	0	0	0	0	1	83
23:00	0	35	6	0	1	0	0	2	2	0	0	0	0	0	46
Total	77	5320	1469	37	331	31	7	52	35	2	0	0	0	325	7686
Percent	1.0%	69.2%	19.1%	0.5%	4.3%	0.4%	0.1%	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	4.2%	
AM Peak	07:00	11:00	11:00	10:00	08:00	10:00	10:00	09:00	05:00	11:00				08:00	
Vol.	4	254	99	7	27	5	1	6	4	1				28	
PM Peak	17:00	16:00	15:00	14:00	17:00	14:00	13:00	14:00	14:00	15:00				15:00	
Vol.	13	745	169	4	38	5	3	8	5	1				38	

Montachusett Regional Planning Commission
1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 4

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302
Station ID:

West

Latitude: 0' 0.000 Undefined

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/19/12	1	19	3	0	1	0	0	0	0	0	0	0	0	1	25
01:00	0	13	3	1	0	0	0	1	0	0	0	0	0	1	19
02:00	0	9	2	0	1	0	0	0	0	0	0	0	0	1	13
03:00	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
04:00	0	14	3	2	2	1	0	1	2	0	0	0	0	0	25
05:00	2	67	37	1	10	0	0	1	1	0	0	0	0	13	132
06:00	2	168	51	0	18	1	0	1	0	0	0	0	0	16	257
07:00	4	166	66	4	21	2	0	5	1	0	0	0	0	22	291
08:00	3	197	70	3	27	2	0	4	2	0	0	0	0	28	336
09:00	2	216	59	3	19	3	0	6	1	0	0	0	0	18	327
10:00	1	244	66	4	13	3	0	4	4	0	0	0	0	18	357
11:00	3	243	78	2	19	5	1	6	6	1	0	0	0	30	394
12 PM	6	272	75	3	20	4	0	2	1	0	0	0	0	19	402
13:00	11	297	107	3	20	2	0	4	1	1	0	0	0	27	473
14:00	8	427	125	0	22	1	0	8	1	0	0	0	0	38	630
15:00	9	559	183	5	39	2	0	3	1	1	3	0	0	37	842
16:00	11	645	166	1	23	1	0	2	0	0	0	0	1	34	884
17:00	16	732	132	1	27	0	1	6	0	0	0	0	0	22	937
18:00	10	409	92	1	23	2	0	2	1	0	0	0	0	16	556
19:00	6	256	51	0	3	0	0	2	0	0	0	0	0	5	323
20:00	3	206	44	0	8	0	0	0	0	0	0	0	0	2	263
21:00	0	112	33	0	3	0	0	3	1	0	0	0	0	2	154
22:00	1	84	17	0	3	0	0	0	0	1	0	0	0	0	106
23:00	0	61	5	0	1	0	0	0	0	0	0	0	0	0	67
Total	99	5419	1472	34	323	29	2	61	23	4	3	0	1	350	7820
Percent	1.3%	69.3%	18.8%	0.4%	4.1%	0.4%	0.0%	0.8%	0.3%	0.1%	0.0%	0.0%	0.0%	4.5%	
AM Peak	07:00	10:00	11:00	07:00	08:00	11:00	11:00	09:00	11:00	11:00				11:00	
Vol.	4	244	78	4	27	5	1	6	6	1				30	
PM Peak	17:00	17:00	15:00	15:00	15:00	12:00	17:00	14:00	12:00	13:00	15:00		16:00	14:00	
Vol.	16	732	183	5	39	4	1	8	1	1	3		1	38	
Grand Total	176	10739	2941	71	654	60	9	113	58	6	3	0	1	675	15506
Percent	1.1%	69.3%	19.0%	0.5%	4.2%	0.4%	0.1%	0.7%	0.4%	0.0%	0.0%	0.0%	0.0%	4.4%	

Montachusett Regional Planning Commission
1427R Water Street
Fitchburg, MA 01420
Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 5

Community: Groton
Street: Boston Road
Location: E. of Lovers Lane
Functional Class: U-3

Site Code: 11520124302
Station ID:

East, West															Latitude: 0' 0.000 Undefined	
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
06/18/12	1	21	6	0	1	0	0	0	1	0	0	0	0	0	30	
01:00	1	10	4	0	0	0	0	0	1	0	0	0	0	0	16	
02:00	0	16	5	0	0	0	0	0	0	0	0	0	0	0	21	
03:00	2	53	21	0	2	1	0	0	2	0	0	0	0	1	82	
04:00	11	288	92	2	8	5	0	2	4	0	0	0	0	2	414	
05:00	28	770	222	1	30	2	1	4	5	0	0	0	0	29	1092	
06:00	15	997	178	2	28	4	0	4	5	1	0	0	0	44	1278	
07:00	17	964	163	5	31	2	0	8	4	0	0	0	0	49	1243	
08:00	9	692	153	6	38	4	1	12	4	0	0	0	0	56	975	
09:00	9	585	112	9	30	3	0	9	3	0	0	0	0	36	796	
10:00	3	532	162	11	31	9	1	3	7	0	0	0	0	49	808	
11:00	5	561	160	10	33	7	2	6	10	2	0	0	0	38	834	
12 PM	13	586	142	5	29	10	1	5	5	0	0	0	0	38	834	
13:00	7	595	143	1	19	5	3	4	3	2	0	0	0	42	824	
14:00	13	739	186	5	43	9	0	10	7	0	0	0	0	58	1070	
15:00	17	891	215	5	35	3	0	12	4	1	0	0	0	77	1260	
16:00	11	1063	194	1	39	2	0	7	3	0	0	0	0	69	1389	
17:00	14	903	175	1	42	2	1	4	1	0	0	0	0	55	1198	
18:00	8	577	102	1	17	0	0	2	0	0	0	0	0	33	740	
19:00	2	424	78	1	7	0	0	1	2	0	0	0	0	12	527	
20:00	2	286	56	0	13	0	0	2	2	0	0	0	0	3	364	
21:00	2	147	29	0	5	0	0	0	1	0	0	0	0	0	184	
22:00	0	83	16	0	8	0	0	1	1	0	0	0	0	1	110	
23:00	0	54	11	0	1	0	0	2	2	0	0	0	0	0	70	
Total	190	11837	2625	66	490	68	10	98	77	6	0	0	0	692	16159	
Percent	1.2%	73.3%	16.2%	0.4%	3.0%	0.4%	0.1%	0.6%	0.5%	0.0%	0.0%	0.0%	0.0%	4.3%		
AM Peak	05:00	06:00	05:00	10:00	08:00	10:00	11:00	08:00	11:00	11:00				08:00		
Vol.	28	997	222	11	38	9	2	12	10	2				56		
PM Peak	15:00	16:00	15:00	12:00	14:00	12:00	13:00	15:00	14:00	13:00				15:00		
Vol.	17	1063	215	5	43	10	3	12	7	2				77		

Montachusett Regional Planning Commission
 1427R Water Street
 Fitchburg, MA 01420
 Tel: (978) 345-7376 Email: mrpc@mrpc.org

Page 6

Community: Groton
 Street: Boston Road
 Location: E. of Lovers Lane
 Functional Class: U-3

Site Code: 11520124302
 Station ID:

East, West															Latitude: 0' 0.000 Undefined	
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total	
06/19/12	1	24	4	0	1	0	0	1	0	0	0	0	0	1	32	
01:00	0	17	3	1	0	0	0	1	0	0	0	0	0	1	23	
02:00	0	23	4	0	1	0	0	0	1	0	0	0	0	2	31	
03:00	0	52	19	0	3	1	0	0	3	0	0	0	0	0	78	
04:00	9	285	109	2	7	4	0	1	4	1	0	0	0	1	423	
05:00	29	757	215	4	36	3	0	6	3	1	0	0	0	23	1077	
06:00	16	1054	180	3	38	8	0	3	3	1	0	0	0	38	1344	
07:00	17	964	163	5	31	2	0	8	4	0	0	0	0	49	1243	
08:00	9	692	153	6	38	4	1	12	4	0	0	0	0	56	975	
09:00	9	585	112	9	30	3	0	9	3	0	0	0	0	36	796	
10:00	4	569	131	8	23	4	2	5	7	1	0	0	0	33	787	
11:00	12	567	134	2	37	11	2	8	12	1	0	0	0	47	833	
12 PM	9	622	124	4	36	8	0	5	6	0	0	0	0	36	850	
13:00	16	619	162	4	32	4	0	6	2	2	0	0	0	43	890	
14:00	11	743	189	0	33	3	0	9	2	0	1	0	0	62	1053	
15:00	11	866	220	5	50	2	0	7	2	1	3	1	0	65	1233	
16:00	13	934	208	3	29	2	0	4	0	1	0	0	1	61	1256	
17:00	18	959	168	1	35	0	1	7	1	0	0	0	0	47	1237	
18:00	15	604	114	1	26	2	0	2	3	0	0	0	0	24	791	
19:00	11	411	69	1	3	0	0	2	0	0	0	0	0	10	507	
20:00	4	339	59	0	8	0	0	0	0	0	0	0	0	3	413	
21:00	0	180	40	0	4	0	0	3	1	0	0	0	0	2	230	
22:00	3	115	18	0	3	0	0	1	0	1	0	0	0	1	142	
23:00	0	77	6	0	1	0	0	1	0	0	0	0	0	0	85	
Total	217	12058	2604	59	505	61	6	101	61	10	4	1	1	641	16329	
Percent	1.3%	73.8%	15.9%	0.4%	3.1%	0.4%	0.0%	0.6%	0.4%	0.1%	0.0%	0.0%	0.0%	3.9%		
AM Peak	05:00	06:00	05:00	09:00	06:00	11:00	10:00	08:00	11:00	04:00				08:00		
Vol.	29	1054	215	9	38	11	2	12	12	1				56		
PM Peak	17:00	17:00	15:00	15:00	15:00	12:00	17:00	14:00	12:00	13:00	15:00	15:00	16:00	15:00		
Vol.	18	959	220	5	50	8	1	9	6	2	3	1	1	65		
Grand Total	407	23895	5229	125	995	129	16	199	138	16	4	1	1	1333	32488	
Percent	1.3%	73.6%	16.1%	0.4%	3.1%	0.4%	0.0%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	4.1%		