

MONTACHUSETT REGIONAL PLANNING COMMISSION

Complete Streets Study

2015



For the Town of Lancaster

December 2015

Complete Streets Study For Lancaster, MA



Main Street, Lancaster

Prepared for the town of Lancaster

Prepared in cooperation with the Massachusetts Department of Transportation and the U.S. Department of Transportation. The views and opinions of the Montachusett Regional Planning Commission expressed herein do not necessarily state or reflect those of the Massachusetts Department of Transportation or the U.S. Department of Transportation.

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EXECUTIVE SUMMARY

The purpose of this report is to assist the town of Lancaster with a Complete Streets Study. There are many factors that influence a community's Complete Streets status such as the presence of sidewalks or footpaths, bike lanes, transit options, roadway and traffic conditions and safety, and accessibility for all users. Complete Streets not only benefits people by providing increased accessibility for walkers, bikers, and transit; it also has been known to provide health benefits for its residents, increased social interaction, reduction in crime, and an increased sense of pride and volunteerism.

A study area that incorporates points of interest locations provided by the Lancaster Planning Department was developed within the downtown area and a 1000 foot buffer was placed around those locations. Data that was collected within the study area included traffic volume, speed and classification counts, turning movement counts, sidewalks and related sign inventory as well as public input. This study area mainly focuses on the walkability aspect of Complete Streets, where residents and visitors might be the most likely to explore the community on foot, bicycle, or wheelchair/walker.

Residents and business owners were invited to participate in a walking audit where they had the opportunity to walk (or ride) as a group within the study area and provide their personal experiences and thoughts regarding how "complete" the town's transportation infrastructure appeared to them. Topic areas included sidewalks, bike lanes, roadways, crosswalks, trails, parks and public gathering spots, shade trees and benches, parking and local attractions, and transit options. All comments and feedback are provided throughout the document as well as in a more detailed attachment provided at the conclusion of the report.

Based on the data collected, a recommendations section was included. These recommendations consist of sidewalk maintenance and connections, the materials used for the sidewalks, traffic calming measures to address speed issues, lighting along Main Street, additional and improved parking areas, connections to neighborhoods, and other options to complement a Complete Streets municipality.

I. INTRODUCTION

The term “Complete Streets” refers to how accessible an area is for walking, bicycling and public transportation/transit. A community with “Complete Streets” is one that gives residents access to major community elements. Those community elements may include shopping centers, the town hall, the library, the post office, and the senior center. Factors that make a community’s streets complete include street connectivity and design, pedestrian and bicycle features, access for all roadway users (vehicles, pedestrians and disabled), desirable streetscapes, and public transportation linkages.

With the continued emphasis on addressing obesity within the country, it is more important than ever that it be made easier for people to make healthy choices. The Massachusetts Department of Public Health in partnership with Community of Practice (CoP) members stated “Complete Streets policies encourage the creation and operation of road networks that support physical activity...Physical activity is associated with decreased obesity and reduced risk for several chronic diseases, including arthritis and heart disease.” The Center for Disease Control and Prevention identified adoption of Complete Streets policies as a recommended strategy to prevent obesity.

It is also important to recognize that within the next 15 years the population aged 65 and over is estimated to increase by over half a million people. This will be an increase from 14% of the state’s population (2010) to 21% (2030). “To accommodate the mobility needs of an aging population, the focus of transportation planning and policy must shift from increasing road capacity to providing more multi-modal solutions. Investments are needed in Complete Streets...” (American Association of Retired Persons (AARP)). According to the 2010 Census, the town of Lancaster has a total of 8,055 residents. Of those residents, 11.73% are age 65+. This is an increase from 2000 when 9.93% of Lancaster residents were aged 65+. This shows that the town of Lancaster has a growing elderly population that is similar to the population trend of the country.

This report will outline the process of how the town of Lancaster was evaluated for Complete Streets as well as providing some recommendations that would assist with multimodal transportation improvements.

II. STUDY PROCESS

A. Study Area

In reality this study encompasses the entire town of Lancaster but for the ease of planning, the study area for this report was determined by the Town of Lancaster’s Planning Department and MRPC staff. This area is located within the Lancaster town center and included key community elements such as town hall, public safety building, elementary schools, parks, religious facilities, library, post office, community and senior center. A 1,000 foot buffer was placed around these

locations (see Map Figure 1). This selected area was broad enough to incorporate a cluster of a majority of key locations and still be realistic for walkers and bicyclists.

B. Public Site Visit

Once the study area was established, the MRPC and the Lancaster Planning Department led a group discussion and walk of the study area in downtown Lancaster on October 17, 2015 (see flyer and handout in Appendix A). The walk was conducted to provide an assessment of complete streets within the study area. Participants met in the town hall and split into two small groups; one going north on Main Street to the Perkins School where they entered the school property and traveled back along Harvard Road. The other group traveled south on Main Street toward Bigelow Gardens and back.



During the visit participants were asked to observe the following infrastructure topics:

- **Sidewalks and Crosswalks** – Are there sidewalks and/or crosswalks within the study area? Is the width/condition acceptable (at least 4 feet wide)? Do they have handicap access ramps at each crossing and crosswalk? Are there large cracks, bumps, dips, etc. present? Do they connect to other sidewalks?
- **Bike Lanes** – Are there marked bike lanes anywhere within town? Where should there be bike lanes? Are the roadways wide enough to accommodate bicycles? Would you feel safe riding a bicycle in town?
- **Transit** – Are there currently any public transit options available in town? Where would transit routes be most appropriate?
- **Roadways** – Are the current roadways in good condition? Is speeding a problem? Are large trucks an issue? Are drivers able to see pedestrians in crosswalks or bicycles on the roadways– is there adequate sight distance?
- **Trails** – Are the trails in the area accessible to the study area? Are there guide signs to help people navigate to those trails and trail parking areas? Do the trails provide connections to other travel modes?
- **Parks/Public Gathering Spots** – Are these located nearby? Are they accessible? Is the number of parks/gathering spots adequate for the area?

- **Parking** – Is there ample parking available within the study area? Are parked cars a problem within the study area? Are there guide signs to show where the parking areas are located?
- **Attractions** – What are the local attractions or key destinations within the study area (ex. library, parks, shops)? Is there a local attraction guide or signs for visitors?

Other questions to consider:

1. What are the positive aspects of your town for transportation?
2. What are the transportation challenges for your town?
3. What would make your town more accessible for all users?
4. What would encourage more walking/biking in the area? What do you feel is missing?
5. What types of neighborhoods are in the area? Is there a diverse population?
6. Do you see people walking or biking within town? If so, where?

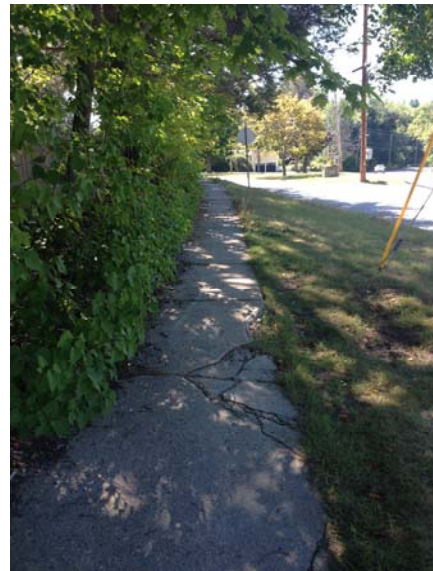
After the group walk was conducted, participants were asked to provide feedback, both positive and negative, based on their experiences. All comments made by the participants have been documented and included throughout this report.

Summary of Findings Based Upon Input

The following summarizes a sample of the responses that participants developed during the site visit:

Sidewalks and Crosswalks - Overall, most of the major roadways downtown have sidewalks that are in good condition, sufficiently wide, and plowed in the winter. There are also an abundance of shade trees and a nice grassy strip that separates the sidewalk from the roadway along Main Street from Bartol Drive to Bigelow Gardens.

However, there could be improvements made in regards to accessibility. The major stretch of sidewalk along Main Street includes constant changes in width, condition, and surface type. These changes make walking and riding difficult at times.



Oftentimes the crosswalks are in good locations, well striped and visible, but do not have ramps connecting them to the sidewalks. Lighting at the sidewalks was mentioned as a concern during the evening hours.



Bike Lanes – Currently the town does not have any designated bike lanes. There are a few different cycling clubs that frequent Main Street and it would be beneficial to accommodate bikes due to the various schools along Main Street and the points of interest within the town center. There is also a bikeways map that indicates designated bike ways along Route 70 and Route 117.

Transit – Lancaster currently has one transit stop offered by the Montachusett Regional Transit Authority (MART). This stop is located at the D'Ambrosio Eye Care Center on Old Union Turnpike in the northern section of town on the Leominster city line. The town expressed interest in the possibility of expanding the transit line into the town center, focusing on the residents living in South Lancaster where there are multiple housing development areas with seniors, mixed income and disabled populations.

Roadways – The chart below shows that the majority of the pavement on Lancaster's roadways are in Excellent or Good condition. This helps to improve the safety and ease of travel along these roadways.

<i>Lancaster</i>	<i>Pavement Condition</i>	<i>State Jurisdiction Miles</i>	<i>Local Jurisdiction Miles</i>	<i>Combined Miles</i>
	Excellent	11.94	2.76	14.7
	Good	0.13	9.22	9.35
	Fair	0.21	9.08	9.29
	Poor	0.04	3.72	3.76
	TOTAL	12.33	24.77	37.1

This information was taken from the MRPC 2015 Pavement Management report. At the time of this report, the town of Lancaster does not have its own Pavement Management Program.

Trails – The town of Lancaster has recently created a Trail and Bikeway Coalition to assist with planning current and future trail developments. As of this study there are 20+ miles of trails throughout town and 6+ miles within close proximity to the downtown study area. The town is also currently working on a Trail Vision document to assist in the trail development and planning process.

Parks/Public Gathering Spots - One of the positive comments from the public meeting is that there is a lot to do in downtown Lancaster. The Town Green is the heart of the downtown where many events and public gatherings occur. The Thayer Memorial Park and athletic fields are located just behind this area.



Town Common

Parking – It was mentioned that there is not adequate parking available in the town center. A designated municipal lot (other than the town hall parking lot) with parking signs would be

beneficial. It was also noted that vehicles park along Main Street when church services are being held. This causes pedestrians to be less visible when trying to cross the roadway. In this situation, designated parking signs and crosswalk locations might need to be considered.

Attractions – Most people felt that there were an abundance of attractions and points of interest in the area. The town hall, library, post office, community center/senior center, schools, and churches are all within walking distance from the town center. According to the Mass Historical Commission, the following historic districts intersect the study area:

- Lancaster Industrial School for Girls
- Center Village Historic District
- North Main Street - Ballard Hill Area
- North Village Historic District
- Rowlandson Site Area
- Ministerial Lands



Post Office



Library



First Church of Christ

C. Data Collection

1. Traffic Volume Data:

The following traffic volumes were measured as part of the MRPC's yearly count program. See Appendix B for more detailed data.

Traffic Volumes

Location	Average Traffic Volume (Vehicles per Day)	Year of Count	Peak Morning/ Afternoon Hours
Center Bridge Rd northwest of High St (Rt. 110)	4,900	2015	7:00am/5:00pm
High St (Rt. 110) south of Old Common Rd	3,300	2015	7:00am/4:00pm
Lunenburg Rd (Rt. 70) north of Main St (Rt. 117)	8,500	2015	7:00am/5:00pm
Main St (Rt. 70) at Town Hall	6,000	2015	7:00am/4:00pm
Main St (Rt. 70) south of Seven Bridge Rd. (Rt. 117)	6,300	2015	8:00am/3:00pm
Main St (Rt. 117) west of Lunenburg Rd (Rt. 70)	13,400	2015	7:00am/4:00pm
Main St (Rt. 117) west of Main St (Rt. 70)	19,000	2015	7:00am/4:00pm
Old Common Rd east of High St (Rt. 110)	3,400	2015	7:00am/6:00pm
Seven Bridge Rd (Rt. 117) east of Main St (Rt. 70)	14,700	2015	7:00am/5:00pm
Still River Rd northeast of High St (Rt. 110)	4,300	2015	7:00am/5:00pm

Traffic volumes along Main Street (Rt. 70) average 6,150 and then increases significantly to an average of 16,200 on Main Street (Rt. 117/70). The side streets have much lower volumes that range from 3,000-5,000 vehicles per day.

Since the peak hours tend to be commuter hours, which are also school hours, it should be noted that student safety should be monitored during these high traffic volume times.

2. Turning Movement Counts:

Turning movement data was collected as part of a Route 117 Corridor Study that was put together by the MRPC for the town of Lancaster in 2013. The data incorporated into this section of the study will be from this particular report.

From the TMC data collected, a Level of Service (LOS) analysis was conducted. The LOS of a roadway traffic facility represents the quality of traffic flow and is used to assess the operation of that traffic facility. LOS analyses are based on the methods in the *Highway Capacity Manual (2010)* (HCM). LOS is defined differently for each type of traffic facility, such as an unsignalized intersection, signalized intersection, two-lane road or multi-lane road. For intersections, the LOS criteria are defined by the average amount of delay experienced by a vehicle at the intersection due to the traffic controls (i.e., signs or signals). Usually each approach is assessed independently, since the LOS of the major and minor approaches may differ

greatly. The table below summarizes the LOS average control delay criteria for intersections controlled by STOP signs and those controlled by traffic signals.

LOS	<i>Average Control Delay</i> Average Control Delay (seconds per vehicle)	
	Stop-Controlled	Signalized
A	≤10.0	≤10.0
B	10.1 - 15.0	10.1 - 20.0
C	15.1 - 25.0	20.1 - 35.0
D	25.1 - 35.0	35.1 - 55.0
E	35.1 - 50.0	55.1 - 80.0
F	>50.0	>80.0

The following LOS descriptions apply to intersections:

- **LOS A** describes operations with little or no delay due to very low major street traffic with many acceptable gaps and traffic flows easily.
- **LOS B** describes operations where stopped vehicles experience short traffic delays but there are still many acceptable gaps in the major street traffic.
- **LOS C** describes operations where stopped vehicles experience average traffic delays due to less frequent acceptable gaps in the major street traffic.
- **LOS D** describes operations where stopped vehicles experience long traffic delays due to a limited number of acceptable gaps in the major street traffic.
- **LOS E** describes operations where stopped vehicles experience very long traffic delays due to a very small number of acceptable gaps in the major street traffic. This level is considered by many agencies to be the limit of acceptable delay.
- **LOS F** describes operations where stopped vehicles experience extreme traffic delays due to virtually no acceptable gaps in the major street traffic. This level, considered to be unacceptable to most drivers, often occurs with **oversaturation**, that is, when arrival flow rates exceed the capacity of the intersection.

The Level of Service analysis conducted shows that most of the intersections are within acceptable LOS. However, the two major intersections of Rt. 117/70N and Rt. 117/70S are at a LOS F in both the AM and PM peak hours. The high delay at these intersections during the peak hours leads to the possibility of drivers taking more of a risk to take a turn onto the busy street which will then lead to more accidents. Encouraging bicycle and pedestrian traffic would not be appropriate at these locations until intersection improvements are made. See Appendix C for a detailed LOS report for both intersections.

3. Traffic Speed Data:

Generally, when determining the speed limit for a roadway, the 85th percentile speed is used. This is considered the speed at or below which most drivers feel safe driving. See Appendix D for more detailed speed count information.

From the data below, it is clear that speeding is an issue at specific locations. At some locations it is just one direction that is a concern. The town might want to consider a further study of these specific locations to determine why vehicles are speeding and what potential improvements or traffic calming measures can be implemented to slow them down.

Lunenburg Road (Rt. 70) north of Main Street (Rt. 117)

	Speed Range (MPH)								Speed Limit	85% Speed
	1-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50+		
% of Vehicles in 24 hrs (southbound)	5.1%	7.1%	14.4%	21.6%	27.2%	19.5%	4.2%	0.8%	25 mph	37 mph
% of Vehicles in 24 hrs (northbound)	1%	0.8%	2.3%	4.6%	17%	41.5%	27.1%	5.6%	45 mph	43 mph

Main Street (Rt 117) west of Lunenburg Road (Rt. 70)

	Speed Range (MPH)								Speed Limit	85% Speed
	1-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50+		
% of Vehicles in 24 hrs (eastbound)	0.2%	0.3%	1.2%	11%	42.9%	35.9%	7.8%	0.7%	30 mph	39 mph
% of Vehicles in 24 hrs (westbound)	0.1%	0.2%	0.4%	2.8%	22.9%	50.5%	21%	2.2%	30 mph	41 mph

Main Street (Rt. 70) south of Sevenbridge Road (Rt. 117)

	Speed Range (MPH)								Speed Limit	85% Speed
	1-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50+		
% of Vehicles in 24 hrs (southbound)	0.1%	0.4%	1.8%	9.7%	36.2%	39.7%	10.4%	1.7%	30 mph	40 mph
% of Vehicles in 24 hrs (northbound)	0.9%	1.7%	8.6%	25.4%	40.8%	18.8%	3.2%	0.5%	30 mph	36 mph

Main Street (Rt. 70) in front of Town Hall

	Speed Range (MPH)								Speed Limit	85% Speed
	1-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50+		
% of Vehicles in 24 hrs (southbound)	0.1%	0.2%	3.2%	15.9%	49.9%	27.6%	2.9%	0.3%	30 mph	37 mph
% of Vehicles in 24 hrs (northbound)	0.2%	0.4%	4.2%	33.4%	47.5%	13.2%	1%	0.1%	30 mph	35 mph

Sevenbridge Rd (Rt. 117) east of Main St (Rt. 70)

	Speed Range (MPH)								Speed Limit	85% Speed
	1-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50+		
% of Vehicles in 24 hrs (eastbound)	0.7%	0.6%	1%	6.4%	34%	46.3%	10.1%	0.9%	35 mph	40 mph
% of Vehicles in 24 hrs (westbound)	0.1%	0.4%	1.6%	7.8%	37.6%	42.4%	9.2%	0.8%	30 mph	39 mph

4. Traffic Classification Data:

It was mentioned earlier that data was recently collected as part of the Route 117 Corridor Study. Vehicle classification data was also collected for this study. This data is incorporated into this section as well.

As part of the MRPC's annual traffic count program, data has been collected on vehicle classification at various locations across the region. Based upon a comparison of counts conducted at 13 common locations in 2007 and 2010, percentages of truck traffic and its growth rate have been calculated for the Montachusett region. Data for 2010 shows that at the 13 locations surveyed, the truck percentage of the total volume was 3.16 percent. This is an increase from 2007 data, where the truck percentage was calculated at 2.49 percent. This historical data is typically calculated for the Regional Transportation Plan (RTP).

Montachusett Region Vehicle Classification Counts 2007-2010

	2007	2010
Total Vehicles	142,567	98,741
Total Trucks	3,556	3,125
% of Trucks	2.49%	3.16%
% Change		0.67%

Number of Count Locations Surveyed: 13

The table below is taken from the Massachusetts Department of Transportation's (MassDOT) Truck Peak Hour and Average Day History Report. It is a historical representation of vehicle classification counts taken along Route 117 in Lancaster dating back to 2006.

MassDOT Vehicle Class Data on Route 117

Route	Location of Count	Year	Percent of Trucks*
117	Between Routes 117/70 intersections	2006	4%
		2008	3%
		2009	3%

* Averages for trucks only

At each location where traffic counts were conducted, data was also collected on the number and types of vehicles encountered. Traffic was categorized into 13 separate groupings that approximately correspond to the Federal Highway Administration (FHWA) vehicle classification definitions. Vehicle classification counts were categorized as follows:

- Bikes/Motorcycles -- All two or three-wheeled motorized vehicles and includes motorcycles, motor scooters, mopeds, motor-powered bicycles, and three-wheel motorcycles.

- Cars & Trailers -- All sedans, coupes, and station wagons manufactured primarily for the purpose of carrying passengers and including those passenger cars pulling recreational or other light trailers.
- Two-Axle Long (Four-Tire Single-Unit Vehicles) -- All two axle, four tire, vehicles, other than passenger cars Including pickups, panels, vans, and other vehicles such as campers, motor homes, ambulances, hearses, carryalls, and minibuses.
- Buses -- All vehicles manufactured as traditional passenger-carrying buses with two axles and six tires or three or more axles.
- Two-Axle, Six-Tire, Single-Unit Trucks -- All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with two axles and dual rear wheels.
- Three-Axle, Single-Unit Trucks -- All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with three axles.
- Four-Axle, Single-Unit Trucks -- All trucks on a single frame with four axles.
- Less Than Five-Axles, Double-Unit Trucks -- All vehicles with fewer than five axles consisting of two units, one of which is a tractor or straight truck power unit.
- Five-Axle, Double-Unit Trucks -- All five axle vehicles consisting of two units, one of which is a tractor or straight truck power unit.
- Less Than Six-Axles, Multi-Unit Trailer Trucks -- All vehicles with less than six axles consisting of three or more units, one of which is a tractor or straight truck power unit.
- Six-Axle, Multi-Trailer Trucks -- All six axle vehicles consisting of three or more units, one of which is a tractor or straight truck power unit.
- More Than Six-Axle, Multi-Trailer Trucks -- All vehicles with more than six axles consisting of three or more units, one of which is a tractor or straight truck power unit.

The following table provides a breakdown of buses and heavy truck traffic for each direction at each count location. Heavy trucks were defined as all vehicles classified Two-Axle, Six-Tire, Single-Units and above.

Route 117 Vehicle Classification Counts

Route	Location of Count (East to West)	Direction	Count Volumes	Buses	Percent Buses of Volume	Trucks	Percent Trucks of Volume	Total Trucks & Buses	Percent Trucks & Buses of Volume
117	E. of I-190	Eastbound	6,887	45	0.65%	322	4.68%	367	5.33%
		Westbound	6,994	48	0.69%	370	5.29%	418	5.98%
		Total	13,881	93	0.67%	692	4.99%	785	5.66%
117	W. of Rte. 70	Eastbound	6,322	62	0.98%	396	6.26%	458	7.24%
		Westbound	6,453	75	1.16%	482	7.47%	557	8.63%
		Total	12,775	137	1.07%	878	6.87%	1,015	7.95%
70	N. of Rte. 117 *	Northbound	7,571	32	0.42%	163	2.15%	195	2.58%
		Southbound	7,608	31	0.41%	175	2.30%	206	2.71%
		Total	15,179	63	0.42%	338	2.23%	401	2.64%
117	E. of Lunenburg Rd.	Eastbound	8,755	72	0.82%	534	6.10%	606	6.92%
		Westbound	8,643	74	0.86%	482	5.58%	556	6.43%
		Total	17,398	146	0.84%	1,016	5.84%	1,162	6.68%
70	S. of Main St. / Rte. 70*	Northbound	6,333	43	0.68%	214	3.38%	257	4.06%
		Southbound	7,478	37	0.49%	201	2.69%	238	3.18%
		Total	13,811	80	0.58%	415	3.00%	495	3.58%
117	E. of Main St. / Rte. 70	Eastbound	6,250	72	1.15%	376	6.02%	448	7.17%
		Westbound	6,676	78	1.17%	505	7.56%	583	8.73%
		Total	12,926	150	1.16%	881	6.82%	1,031	7.98%
117	Bolton Town Line*	Eastbound	12,861	117	0.91%	713	5.54%	830	6.45%
		Westbound	13,798	89	0.65%	746	5.41%	835	6.05%
		Total	26,659	206	0.77%	1,459	5.47%	1,665	6.25%
TOTAL AVERAGES		Eastbound	7,854	63	0.80%	388	4.88%	452	5.68%
		Westbound	8,236	62	0.77%	423	5.19%	485	5.96%
		Total	16,090	125	0.79%	811	5.03%	936	5.82%

* Indicates counts taken over a two-day period

Truck traffic measured along the corridor was heavier than both the MRPC Regional historic counts and the MassDOT historic counts along Route 117. The overall average truck volume of the counts taken for this study is 5.03%, however, the tables below show a better representation of Route 117 itself when Route 70 counts are separated from the average.

Route 70/Route 117 Comparison

Route	Direction	Count Volumes	Buses	Percent Buses of Volume	Trucks	Percent Trucks of Volume	Total Trucks & Buses	Percent Trucks & Buses of Volume
Route 70 AVERAGES	Northbound	6,952	38	0.55%	189	2.77%	226	3.32%
	Southbound	7,543	34	0.45%	188	2.49%	222	2.95%
	Total	14,495	72	0.50%	377	2.62%	448	3.11%
Route 117 AVERAGES	Eastbound	8,215	74	0.90%	468	5.72%	542	6.62%
	Westbound	8,513	73	0.90%	517	6.26%	590	7.17%
	Total	16,728	146	0.90%	985	6.00%	1,132	6.90%

A 6 percent volume of trucks along Route 117 is considerably higher than the most recent MassDOT historical data shows. A factor that may continue this trend of increasing truck volume is the possibility of future commercial and industrial developments along the northern leg of Route 70 (Lunenburg Road).

Since Route 117 and Route 70 are major travel and commuting routes through Lancaster, it is no surprise that the truck traffic on these particular roadways would be high. Any roadway improvements would have to be designed to handle the high truck traffic at these locations.

5. Crash History

The MRPC has accident data available from the Massachusetts Department of Transportation (MassDOT) for the years of 2010-2012 for vehicle crashes and from 2002-2012 for pedestrian and bicycle crashes. All recorded crashes in the study area were mapped in Map Figures 2 and 3. For the town of Lancaster there were 194 total vehicle crashes recorded within the study area. Of those 194 reported crashes, 188 were vehicle accidents and 6 involved a bicycle or pedestrian. Of the vehicle crashes zero were reported as fatal injury crashes, 64 were considered non-fatal injury crashes, 120 were considered property damage only and four were not reported/unknown. There were four pedestrian crashes that included three non-fatal injury crashes and one fatality, and two non-fatal injury bicycle crashes.

Shown on Map Figure 4 are crash clusters. Crash clusters are locations where there are two or more crashes that occurred at the same location. There are 25 crash cluster locations within the study area.

6. Inventory of Road Facilities

This inventory incorporated all roadways (local streets, collectors, arterials, and highways) and any pedestrian-related infrastructure that may exist within the study area. Data that was collected included sidewalks, crosswalks, and signage. (See Map Figure 5)

Sidewalks and bike lanes are probably the most important aspects for Lancaster in regards to Complete Streets. In most downtown areas, simply walking along the side of the road with traffic is far too dangerous for most pedestrians. Since the average daily traffic through downtown Lancaster is 6,150 vehicles it is imperative that sidewalks exist and are in good condition to accommodate pedestrians of all ages and abilities.

MRPC staff rated each existing sidewalk as good, fair and poor. Locations that did not currently have a sidewalk were also inventoried.

Sidewalk analysis was based on the following:

1. Adequate Width

All existing sidewalks were observed and analyzed to see if there is an adequate width to accommodate all roadway users. The Americans with Disabilities Act (ADA) requires that sidewalks be at least five feet in width.

2. Obstructions

Obstructions that were observed in this study included utility poles, drainage culverts, fire hydrants, vegetation, signs, etc. These items were noted if they obstructed more than 25% of the width of the sidewalk and would be impassible by a wheelchair.

3. Sidewalk Ramps/Handicap Access

Sidewalk ramps provide a nice smooth transition from the sidewalk onto the street or parking area. These ramps are required to meet the American with Disabilities Act (ADA) standards. This information can be found in the Federal Highway Administration (FHWA) publication, "Designing Sidewalks and Trails for Access, Part I of II, Review of Existing Guidelines and Practices" chapter 4. (<http://www.fhwa.dot.gov/environment/sidewalks/chap4a.htm>)

4. Sidewalk Surface

The sidewalk surface condition was determined by the percentage of cracking that occurred on the sidewalk, the smoothness (bumps, dips, depressions) of the sidewalk and the amount of loose pavement, gravel or sand located on the sidewalk.

The overall Sidewalk Condition Map (Map Figure 5) was created based on all of the safety factors listed above and was then divided up into three categories:

Good - Sidewalks that were considered good had safety factors that equaled less than 25% of the entire sidewalk area.

Fair - Sidewalks that were considered fair had safety factors that equaled between 25%-50% of the entire sidewalk area.

Poor – Sidewalks that were considered poor had safety factors that were greater than 50% of the entire sidewalk area.

MRPC staff rated each existing sidewalk as good, fair and poor. Locations that did not currently have a sidewalk were also inventoried. Within the study area there were sidewalks on 27% of the roadways. The conditions of those sidewalks were broken down as follows:

Good - 28%

Fair - 49%

Poor - 22%

There are many miles of sidewalk within the study area and a majority of those are in fair condition. Sidewalks are needed along side streets that would connect up to Main Street and other major points of interest. Areas of priority should include roadways to/from the schools, the major town amenities and connections to major housing developments and neighborhoods. Examples of these types of locations include the Perkins School, Bigelow Garden, and Atlantic Union College. Refer to Map Figure 5 for locations of sidewalk conditions.

D. Recommendations

When streets and town centers are designed only for cars, they become barriers for pedestrians of all abilities, who cannot get from point A to point B safely. As a result, many people end up in their cars, missing out on opportunities for much needed fresh air, socialization, and physical activity.

Based upon the data collected and the analysis conducted, the following Recommendations resulted:



1. Infrastructure Improvements

Sidewalks

- Repair all damaged, cracked, chipped and uneven portions of the existing sidewalks.
- Provide ADA compliant curb ramps and sidewalk width.
- Work towards a consistent sidewalk surface.
- Continue to maintain existing sidewalks, keeping them free of debris, vegetation, snow, etc.
- Mandate sidewalks in all developments, and bicycle lanes where appropriate.

Examples -



ADA Compliant Ramps



Sidewalk Around Tree

Crosswalks

- Consider traffic calming techniques such as adding bump outs/curb extensions at major crosswalk locations along Main Street.
- Place “No Parking” signs for areas within 10 feet of a crosswalk or driveway.
- Keep crosswalk striping bright and visible year round.

Examples –



Bump Outs/Curb Extensions

Roadways

- Consider bike lanes along major roadways or shared lanes (sharrows) and include bike route signs.
- Consider traffic calming techniques such as road narrowing (ex. road diet).

- Clear away vegetation and obstructions to allow improved sight distance at all intersections and driveway entrances and exits.
- Installing radar speed signs to assist drivers with drawing attention to their speed.
- Warning signs look great and should continue to be placed and maintained in the school area to warn all drivers of pedestrians, cyclists and children. Placement of all regulatory and guidance signs should conform to guidelines established by Massachusetts Department of Transportation (MassDOT) – Highway Division and the “Manual on Uniform Traffic Control Devices” (MUTCD).

Examples –



Sharrow



Bike Lane



Radar Speed Signs

Transit

- Contact MART to discuss the possibility of increased service to downtown Lancaster and South Lancaster.

Other

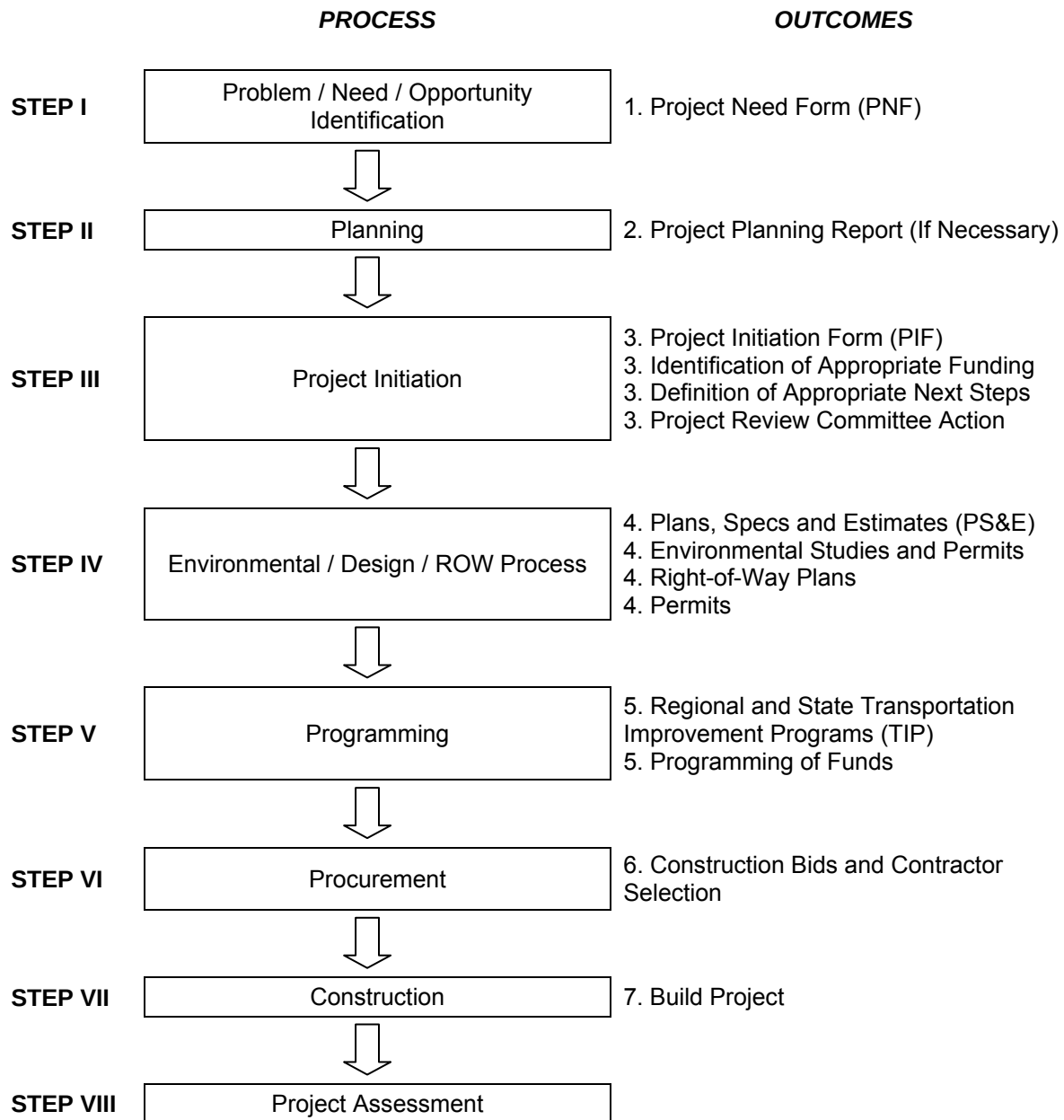
- Provide and maintain pedestrian lighting.
- Pursue the idea of having benches, trash barrels, and bicycle racks located next to major businesses, where appropriate.
- Study the placement of parking for future businesses along Main Street.
- Municipal parking lot locations should be considered.
- Changes to town policy that would be geared toward Complete Streets (ex. new business development regulations that would put a store front closer to the street and parking areas would be in



the back. This creates a safer connection for pedestrians). More information regarding this can be found on the Complete Streets website (www.completestreets.org).

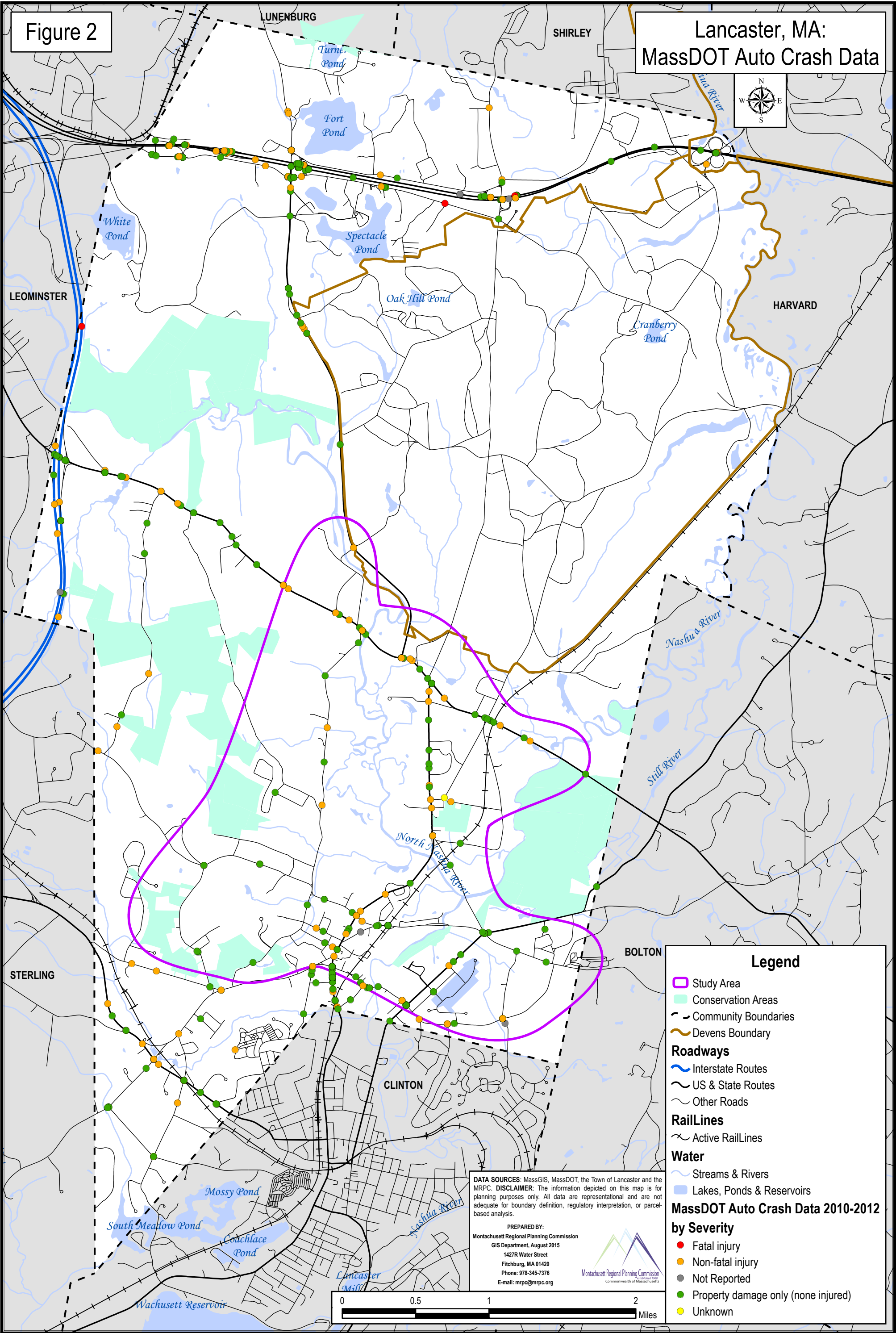
- Encourage the local schools to sign up for the Safe Routes to School Program (<http://www.commute.com/safe-routes-to-school>)
- Complete Streets Training – MassDOT is currently offering training on the new Complete Streets Funding Program. The full program guidance and online portal is expected to be released in late January. Once this program is finalized, Lancaster should consider submitting a Complete Streets Policy application in order to receive funding.
- Consider going through the Transportation Improvement Program (TIP) for roadway project funding. For a community to receive TIP funds, the project must follow a multi-step review and approval process required by the Massachusetts Department of Transportation (MassDOT). This process is summarized in the flow chart below. Please feel free to contact MRPC at any time to discuss a potential project.

Project Development Process



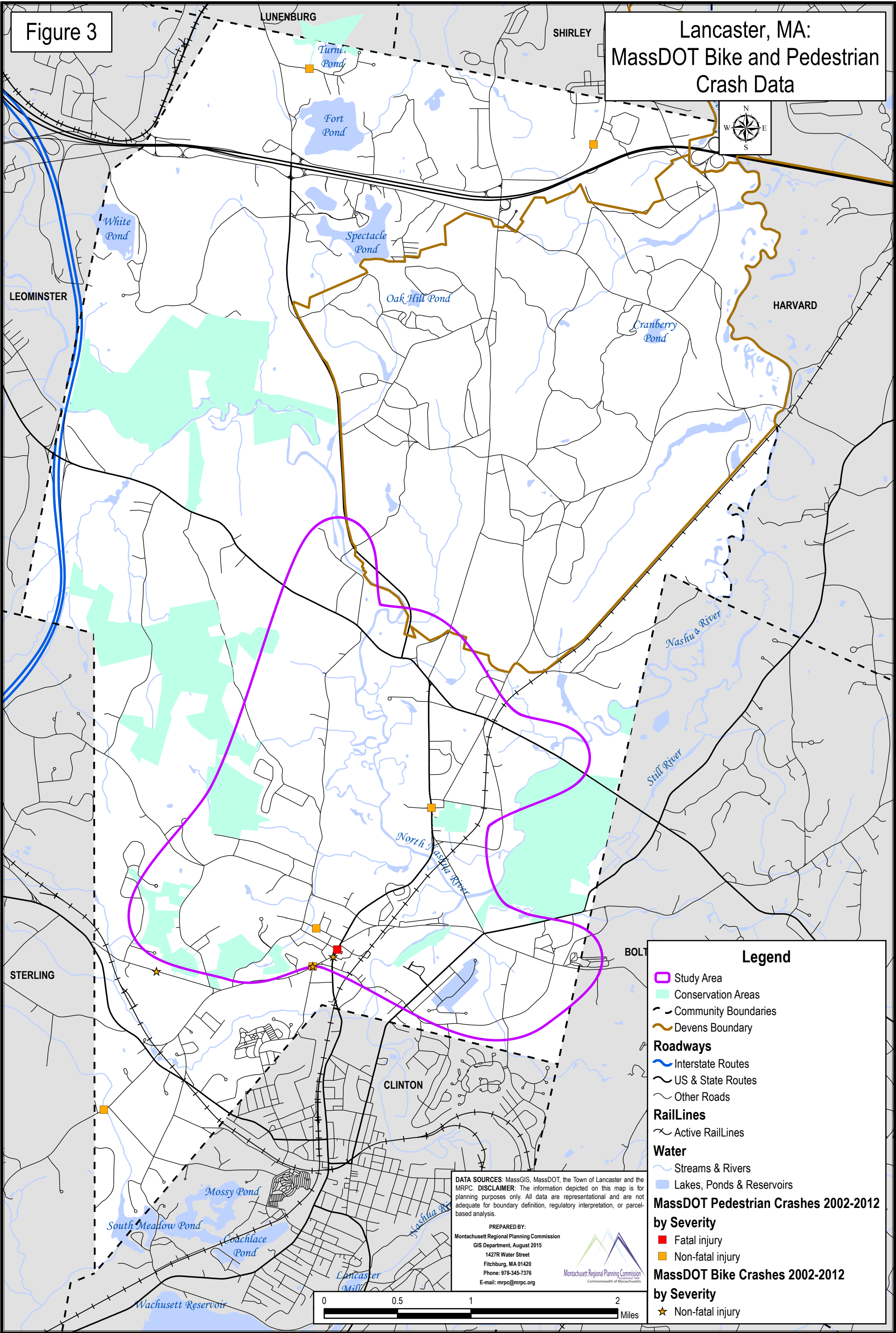
Source: MassDOT Highway Division

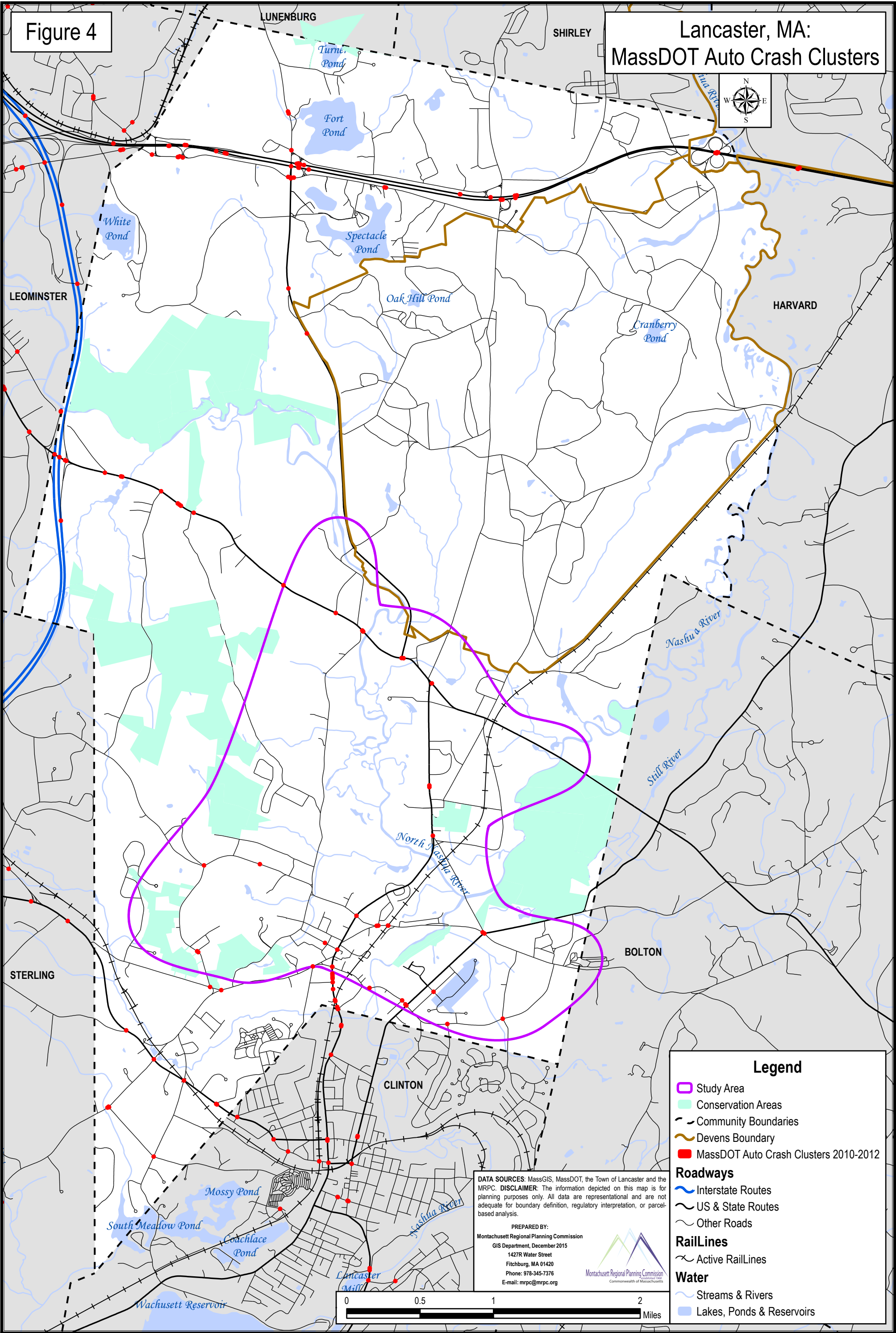
MAP FIGURES



Lancaster, MA:
MassDOT Auto Crash Data

0 0.5 1 2 Miles



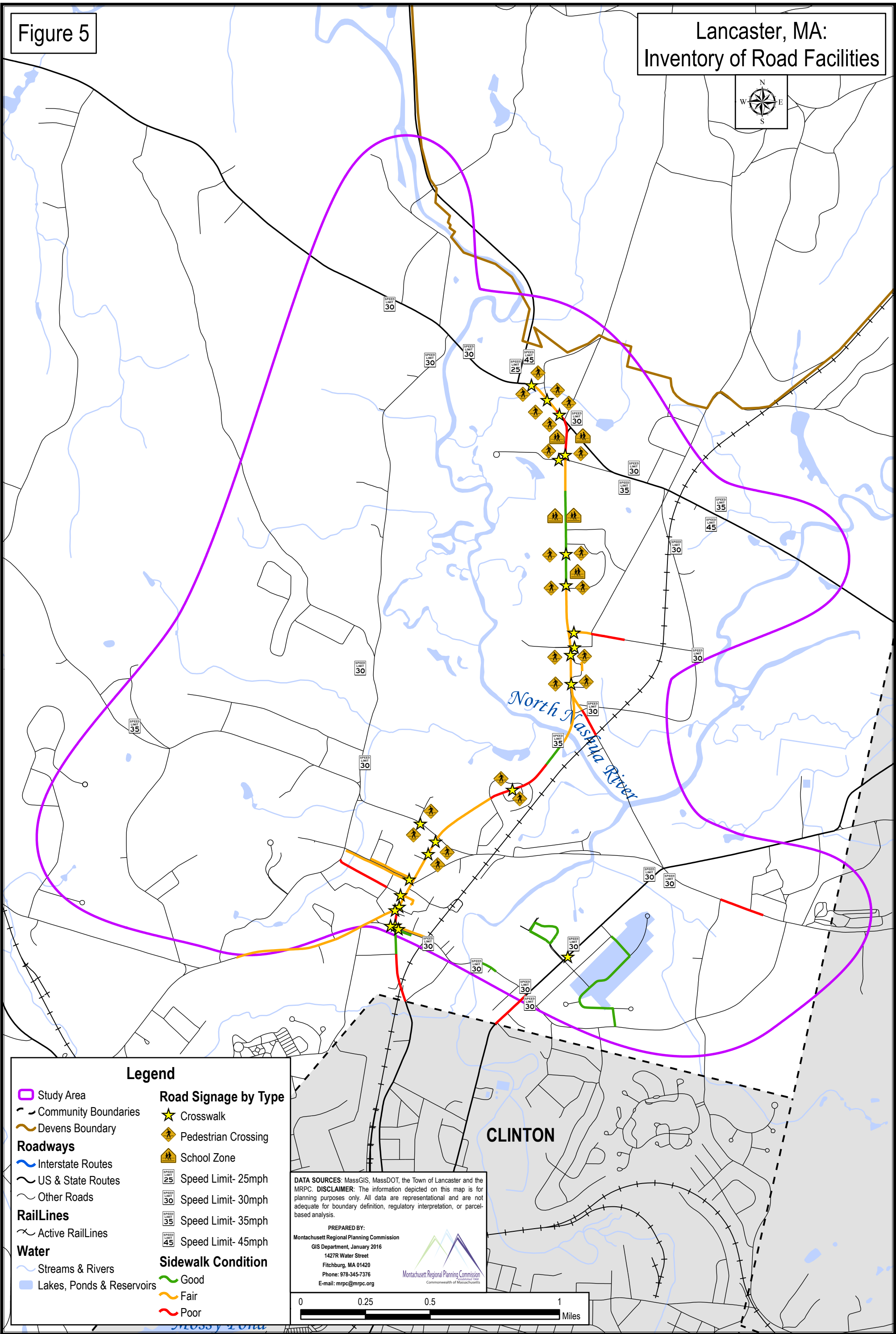


Lancaster, MA:
MassDOT Auto Crash Clusters

0 0.5 1 2 Miles

Figure 5

Lancaster, MA:
Inventory of Road Facilities



Legend

- Study Area
- Community Boundaries
- Devens Boundary
- Roadways**
 - Interstate Routes
 - US & State Routes
 - Other Roads
- RailLines**
 - Active RailLines
- Water**
 - Streams & Rivers
 - Lakes, Ponds & Reservoirs

Road Signage by Type

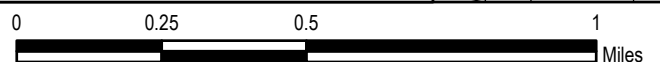
- Crosswalk
- Pedestrian Crossing
- School Zone
- Speed Limit- 25mph
- Speed Limit- 30mph
- Speed Limit- 35mph
- Speed Limit- 45mph

Sidewalk Condition

- Good
- Fair
- Poor

DATA SOURCES: MassGIS, MassDOT, the Town of Lancaster and the MRPC. **DISCLAIMER:** The information depicted on this map is for planning purposes only. All data are representational and are not adequate for boundary definition, regulatory interpretation, or parcel-based analysis.

PREPARED BY:
Montachusett Regional Planning Commission
GIS Department, January 2016
1427R Water Street
Fitchburg, MA 01420
Phone: 978-345-7376
E-mail: mrpc@mrpc.org



APPENDIX A – Complete Streets Flyer and Handout

COMPLETE STREETS PUBLIC MEETING

Are you interested in making Lancaster's streets Complete? Come join us as we explore downtown Lancaster on October 17th and learn how you can help!



When: Oct. 17, 9:00 AM (Rain or Shine) Where: LANCASTER TOWN HALL

By walking & riding along the streets of Lancaster we can identify positive and negative aspects affecting travel options. Prioritizing specific solutions that will increase safety and accessibility for all modes of transportation is a great way to help the town be more accessible for all transportation modes. Potential solutions could include addressing missing sidewalk links, intersections, crosswalks, signage and traffic calming. Come let us know how we can complete the streets in Lancaster!

Agenda

9:00-9:15 – Introduction & project overview

9:15-10:15 – Walking audit along Main Street

10:15-11:00 – Review findings, develop possible solutions & wrap up

**All Lancaster residents, business owners, public officials,
young & old! All are welcome!**

What to think about when it comes to Compete Streets:

Sidewalks & Crosswalks – Are there sidewalks and/or crosswalks within the study area? Is the width/condition acceptable (at least 4 feet wide)? Do they have handicap access ramps at each crossing & crosswalk? Are there large cracks, bumps, dips, etc. present? Do they connect to other sidewalks?

Bike Lanes – Are there marked bike lanes anywhere within town? Where should there be bike lanes? Are the roadways wide enough to accommodate bicycles? Would you feel safe riding a bicycle in town?

Transit – Are there currently any public transit options available in town? Where would transit routes be most appropriate?

Roadways – Are the current roadways in good condition? Is speeding a problem? Are large trucks an issue? Are drivers able to see pedestrians in crosswalks or bicycles on the roadways— is there adequate sight distance?

Trails – Are the trails in the area accessible to the study area? Are there guide signs to help people navigate to those trails & trail parking areas? Do the trails provide connections to other travel modes?

Parks/Public Gathering spots – Are these located nearby? Are they accessible? Is the number of parks/gathering spots adequate for the area?

Parking – Is there ample parking available within the study area? Are parked cars a problem within the study area? Are there guide signs to show where the parking areas are?

Attractions – What are the local attractions or key destinations within the study area? (ex. library, parks, shops) Is there a local attraction guide or signs for visitors?

Other questions to consider-

1. What are the positive aspects of your town for transportation?
2. What are the transportation challenges for your town?
3. What would make your town more accessible for all users?
4. What would encourage more walking/biking in the area? What's missing?
5. What types of neighborhoods are in the area? Is there a diverse population?
6. Did you see people walking or biking within town? If so, where?

APPENDIX B – Traffic Volume Counts

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Page 1

Community: Lancaster

Street: Center Bridge Rd

Location: NW of High St (Rt 110)

Functional Class: U-5

Site Code: 14720151233

Station ID:

Latitude: 0' 0.000 Undefined

Start Time	27-Aug-15 Thu	Southeast	Northwest	Combined Total	
12:00 AM		15	8	23	■
01:00		8	4	12	■
02:00		6	1	7	■
03:00		3	4	7	■
04:00		8	17	25	■
05:00		29	72	101	■
06:00		78	166	244	■
07:00		134	254	388	■
08:00		141	202	343	■
09:00		186	158	344	■
10:00		112	78	190	■
11:00		178	112	290	■
12:00 PM		137	161	298	■
01:00		157	189	346	■
02:00		196	162	358	■
03:00		227	178	405	■
04:00		243	163	406	■
05:00		344	170	514	■
06:00		244	126	370	■
07:00		164	117	281	■
08:00		113	80	193	■
09:00		78	53	131	■
10:00		55	35	90	■
11:00		36	7	43	■
Total		2892	2517		
Percent		53.5%	46.5%		
Grand Total			2892	2517	
Percentage			53.5%	46.5%	
ADT			ADT 5,492		AADT 5,492

Montachusett Regional Planning Commission

Page 1

1427R Water Street
Fitchburg, MA 01420

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

Community:Lancaster

Street:High Street

Location:S. of Old Common Road

Functional Class:U-3

Site Code: 1472015525

Station ID:

Latitude: 0' 0.0000 Undefined

Start Time	25-Aug-15 Tue	Northeast	Southwest	Combined Total	
12:00 AM		4	5	9	■
01:00		2	5	7	■
02:00		3	6	9	■
03:00		8	5	13	■
04:00		29	13	42	■
05:00		87	25	112	■
06:00		143	73	216	■
07:00		141	105	246	■
08:00		133	89	222	■
09:00		117	107	224	■
10:00		20	19	39	■
11:00		96	123	219	■
12:00 PM		109	134	243	■
01:00		124	143	267	■
02:00		132	142	274	■
03:00		120	184	304	■
04:00		165	189	354	■
05:00		115	181	296	■
06:00		81	102	183	■
07:00		72	99	171	■
08:00		47	50	97	■
09:00		31	35	66	■
10:00		32	31	63	■
11:00		3	17	20	■
Total		1814	1882		
Percent		49.1%	50.9%		

Montachusett Regional Planning Commission

Page 2

1427R Water Street
Fitchburg, MA 01420

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

Community:Lancaster

Street:High Street

Location:S. of Old Common Road

Functional Class:U-3

Site Code: 1472015525

Station ID:

Latitude: 0' 0.0000 Undefined

Start Time	26-Aug-15 Wed	Northeast	Southwest	Combined Total	
12:00 AM		6	2	8	
01:00		2	4	6	
02:00		3	3	6	
03:00		10	4	14	
04:00		31	13	44	
05:00		102	33	135	
06:00		139	81	220	
07:00		161	96	257	
08:00		129	99	228	
09:00		136	112	248	
10:00		110	109	219	
11:00		114	122	236	
12:00 PM		143	146	289	
01:00		145	147	292	
02:00		147	155	302	
03:00		136	174	310	
04:00		160	186	346	
05:00		112	213	325	
06:00		105	144	249	
07:00		58	93	151	
08:00		44	53	97	
09:00		28	35	63	
10:00		8	25	33	
11:00		7	13	20	
Total		2036	2062		
Percent		49.7%	50.3%		
Grand Total		3850	3944		
Percentage		49.4%	50.6%		
ADT		ADT 3,913		AADT 3,913	

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Page 1

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472015530

Station ID:

Latitude: 0' 0.000 Undefined

Start Time	27-Aug-15 Thu	South	North	Combined Total	
12:00 AM		17	23	40	
01:00		10	12	22	
02:00		5	6	11	
03:00		14	9	23	
04:00		43	18	61	
05:00		153	75	228	
06:00		286	171	457	
07:00		293	265	558	
08:00		283	242	525	
09:00		274	228	502	
10:00		136	168	304	
11:00		252	260	512	
12:00 PM		279	286	565	
01:00		306	263	569	
02:00		318	355	673	
03:00		286	408	694	
04:00		264	494	758	
05:00		287	545	832	
06:00		269	373	642	
07:00		236	231	467	
08:00		165	161	326	
09:00		103	108	211	
10:00		73	75	148	
11:00		37	40	77	
Total		4389	4816		
Percent		47.7%	52.3%		
Grand Total			4389	4816	
Percentage			47.7%	52.3%	
ADT			ADT 9,400	AADT 9,400	

Montachusett Regional Planning Commission

Page 1

Community:Lancaster
Street:Main Street
Location:In front of Town Hall/Town Green
Functional Class:

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

Site Code: 00000000014720154423
Station ID: 00000000000000000000

Latitude: 0' 0.0000 Undefined

Start Time	31-Aug-15 Mon	North	South	Combined Total	
12:00 AM		11	8	19	■
01:00		2	5	7	■
02:00		9	1	10	■
03:00		4	7	11	■
04:00		16	18	34	■
05:00		67	54	121	■
06:00		134	124	258	■
07:00		260	226	486	■
08:00		224	260	484	■
09:00		220	167	387	■
10:00		200	173	373	■
11:00		229	190	419	■
12:00 PM		216	180	396	■
01:00		214	190	404	■
02:00		246	213	459	■
03:00		240	263	503	■
04:00		248	256	504	■
05:00		260	214	474	■
06:00		213	200	413	■
07:00		170	202	372	■
08:00		107	128	235	■
09:00		59	68	127	■
10:00		37	51	88	■
11:00		22	21	43	■
Total		3408	3219		
Percent		51.4%	48.6%		
Grand Total		3408	3219		
Percentage		51.4%	48.6%		
ADT		ADT 6,627		AADT 6,627	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 1

Community:Lancaster

Street:Main Street

Location:S. of Sevenbridge Rd. (Rt. 117)

Functional Class:U-5

Site Code: 1472015542

Station ID:

Latitude: 0' 0.000 Undefined

Start Time	01-Sep-15 Tue	North	South	Combined Total	
12:00 AM		7	12	19	■
01:00		7	2	9	■
02:00		7	4	11	■
03:00		7	12	19	■
04:00		17	23	40	■
05:00		62	60	122	■
06:00		120	145	265	■
07:00		218	331	549	■
08:00		267	287	554	■
09:00		186	191	377	■
10:00		203	184	387	■
11:00		163	144	307	■
12:00 PM		224	186	410	■
01:00		232	226	458	■
02:00		224	222	446	■
03:00		295	252	547	■
04:00		262	227	489	■
05:00		250	240	490	■
06:00		206	208	414	■
07:00		162	227	389	■
08:00		79	138	217	■
09:00		67	67	134	■
10:00		38	60	98	■
11:00		38	22	60	■
Total		3341	3470		
Percent		49.1%	50.9%		
Grand Total		3341	3470		
Percentage		49.1%	50.9%		
ADT		ADT 6,864		AADT 6,864	

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Page 1

Community: Lancaster

Street: Main St (Rt 117)

Location: W. of Lunenburg Rd (Rt 70)

Functional Class: U-3

Site Code: 1472015536

Station ID:

Latitude: 0' 0.000 Undefined

Start Time	25-Aug-15 Tue	East	West	Combined Total	
12:00 AM		18	48	66	
01:00		5	16	21	
02:00		16	16	32	
03:00		20	6	26	
04:00		77	34	111	
05:00		340	86	426	
06:00		730	209	939	
07:00		833	354	1187	
08:00		598	368	966	
09:00		416	366	782	
10:00		356	382	738	
11:00		316	376	692	
12:00 PM		377	402	779	
01:00		346	467	813	
02:00		403	506	909	
03:00		425	726	1151	
04:00		440	925	1365	
05:00		464	871	1335	
06:00		350	653	1003	
07:00		217	369	586	
08:00		145	303	448	
09:00		96	178	274	
10:00		88	135	223	
11:00		38	90	128	
Total		7114	7886		
Percent		47.4%	52.6%		
Grand Total		7114	7886		
Percentage		47.4%	52.6%		
ADT		ADT 14,896		AADT 14,896	

Montachusett Regional Planning Commission

Page 1

Community: Lancaster
 Street: Main St (Rt 117)
 Location: W. of Main St (Rt 70)
 Functional Class:

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

Site Code: 1472015545
 Station ID:

Latitude: 0' 0.0000 Undefined

Start Time	25-Aug-15 Tue	West	East	Combined Total	
12:00 AM		63	30	93	■
01:00		26	12	38	■
02:00		20	20	40	■
03:00		12	27	39	■
04:00		41	106	147	■
05:00		150	508	658	■
06:00		335	1011	1346	■
07:00		475	1037	1512	■
08:00		513	782	1295	■
09:00		489	621	1110	■
10:00		540	547	1087	■
11:00		491	528	1019	■
12:00 PM		592	551	1143	■
01:00		631	532	1163	■
02:00		687	574	1261	■
03:00		958	608	1566	■
04:00		1255	580	1835	■
05:00		1174	635	1809	■
06:00		929	500	1429	■
07:00		546	363	909	■
08:00		410	240	650	■
09:00		254	177	431	■
10:00		191	144	335	■
11:00		115	77	192	■
Total		10897	10210		
Percent		51.6%	48.4%		
Grand Total		10897	10210		
Percentage		51.6%	48.4%		
ADT		ADT 21,082		AADT 21,082	

Montachusett Regional Planning Commission

Page 1

1427R Water Street
Fitchburg, MA 01420

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

Community:Lancaster
Street:Old Common Road
Location:E. of High St.
Functional Class:U-6

Site Code: 14720151232

Station ID:

Latitude: 0' 0.0000 Undefined

Start Time	31-Aug-15 Mon	Southeast	Northwesrt	Combined Total	
12:00 AM		4	10	14	■
01:00		1	7	8	■
02:00		1	4	5	■
03:00		5	5	10	■
04:00		13	12	25	■
05:00		46	14	60	■
06:00		119	57	176	■
07:00		246	116	362	■
08:00		190	96	286	■
09:00		109	90	199	■
10:00		97	116	213	■
11:00		103	105	208	■
12:00 PM		99	104	203	■
01:00		92	102	194	■
02:00		116	131	247	■
03:00		141	157	298	■
04:00		143	176	319	■
05:00		124	204	328	■
06:00		91	156	247	■
07:00		63	87	150	■
08:00		40	55	95	■
09:00		25	35	60	■
10:00		30	31	61	■
11:00		10	10	20	■
Total		1908	1880		
Percent		50.4%	49.6%		
Grand Total		1908	1880		
Percentage		50.4%	49.6%		
ADT		ADT 3,780		AADT 3,780	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 1

Community:Lancaster

Street:Seven Bridge Road

Location:E. of Main St. (Rt. 70)

Functional Class:U-3

Site Code: 1472015555

Station ID:

Latitude: 0' 0.000 Undefined

Start Time	22-Sep-15 Tue	East	West	Combined Total	
12:00 AM		16	53	69	■
01:00		12	23	35	■
02:00		12	18	30	■
03:00		25	12	37	■
04:00		91	29	120	■
05:00		482	86	568	■
06:00		916	233	1149	■
07:00		857	409	1266	■
08:00		569	393	962	■
09:00		447	375	822	■
10:00		359	352	711	■
11:00		383	345	728	■
12:00 PM		225	235	460	■
01:00		399	403	802	■
02:00		378	377	755	■
03:00		440	913	1353	■
04:00		395	1016	1411	■
05:00		399	1082	1481	■
06:00		307	789	1096	■
07:00		213	387	600	■
08:00		163	295	458	■
09:00		123	191	314	■
10:00		71	123	194	■
11:00		23	96	119	■
Total		7305	8235		
Percent		47.0%	53.0%		
Grand Total		7305	8235		
Percentage		47.0%	53.0%		
ADT		ADT 15,969		AADT 15,969	

Montachusett Regional Planning Commission

Page 1

1427R Water Street
Fitchburg, MA 01420

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

Community:Lancaster

Street:Still River Road

Location:N.E. of High St. (Rt. 110)

Functional Class: U-3

Site Code: 00000000014720151231

Station ID:

Still River Road

N.E. of High St.

Latitude: 0' 0.0000 Undefined

Start Time	01-Sep-15 Tue	Northeast	Southwest	Combined Total	
12:00 AM		5	8	13	■
01:00		2	6	8	■
02:00		1	6	7	■
03:00		3	4	7	■
04:00		20	3	23	■
05:00		79	25	104	■
06:00		172	55	227	■
07:00		303	134	437	■
08:00		152	97	249	■
09:00		119	101	220	■
10:00		134	161	295	■
11:00		116	150	266	■
12:00 PM		130	144	274	■
01:00		135	102	237	■
02:00		146	186	332	■
03:00		145	181	326	■
04:00		171	214	385	■
05:00		207	302	509	■
06:00		118	195	313	■
07:00		94	151	245	■
08:00		42	63	105	■
09:00		37	47	84	■
10:00		16	16	32	■
11:00		6	13	19	■
Total		2353	2364		
Percent		49.9%	50.1%		
Grand Total		2353	2364		
Percentage		49.9%	50.1%		

ADT

ADT 4,684

AADT 4,684

APPENDIX C – Turning Movement Counts

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

Page No : 1

Groups Printed- Car - Truck - Ped														
	Seven Bridge Road From East				Main Street From South				Main Street From West					
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total	
02:00 PM	101	1	0	102	2	49	0	51	70	85	0	155	308	
02:15 PM	110	0	0	110	1	64	0	65	60	82	0	142	317	
02:30 PM	136	2	0	138	5	65	0	70	60	83	0	143	351	
02:45 PM	118	2	0	120	2	49	0	51	74	82	0	156	327	
Total	465	5	0	470	10	227	0	237	264	332	0	596	1303	
03:00 PM	142	4	0	146	0	88	0	88	65	65	0	130	364	
03:15 PM	181	1	0	182	1	75	0	76	59	88	0	147	405	
03:30 PM	192	2	0	194	0	56	0	56	48	92	0	140	390	
03:45 PM	202	1	0	203	2	66	0	68	62	90	0	152	423	
Total	717	8	0	725	3	285	0	288	234	335	0	569	1582	
04:00 PM	194	5	0	199	0	61	0	61	60	81	0	141	401	
04:15 PM	221	0	0	221	1	56	0	57	66	89	0	155	433	
04:30 PM	266	4	0	270	2	47	0	49	64	86	0	150	469	
04:45 PM	256	2	0	258	0	71	0	71	65	95	0	160	489	
Total	937	11	0	948	3	235	0	238	255	351	0	606	1792	
05:00 PM	267	1	0	268	1	64	0	65	55	84	0	139	472	
05:15 PM	308	3	0	311	2	51	0	53	52	88	0	140	504	
05:30 PM	270	0	0	270	0	67	0	67	70	110	0	180	517	
05:45 PM	201	2	0	203	4	58	0	62	54	89	0	143	408	
Total	1046	6	0	1052	7	240	0	247	231	371	0	602	1901	
06:00 PM	230	0	0	230	0	61	0	61	59	74	0	133	424	
06:15 PM	209	1	0	210	1	53	0	54	51	74	0	125	389	
06:30 PM	160	2	0	162	0	54	0	54	51	60	0	111	327	
06:45 PM	105	1	0	106	1	45	0	46	57	51	0	108	260	
Total	704	4	0	708	2	213	0	215	218	259	0	477	1400	
Grand Total	3869	34	0	3903	25	1200	0	1225	1202	1648	0	2850	7978	
Apprch %	99.1	0.9	0		2	98	0		42.2	57.8	0			
Total %	48.5	0.4	0	48.9	0.3	15	0	15.4	15.1	20.7	0	35.7		
Car	3744	33	0	3777	23	1164	0	1187	1155	1556	0	2711	7675	
% Car	96.8	97.1	0	96.8	92	97	0	96.9	96.1	94.4	0	95.1	96.2	
Truck	125	1	0	126	2	36	0	38	47	92	0	139	303	
% Truck	3.2	2.9	0	3.2	8	3	0	3.1	3.9	5.6	0	4.9	3.8	
Ped	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Ped	0	0	0	0	0	0	0	0	0	0	0	0	0	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Main St (Rt 117/70)

Location: Int. of Shirley Rd/Main St

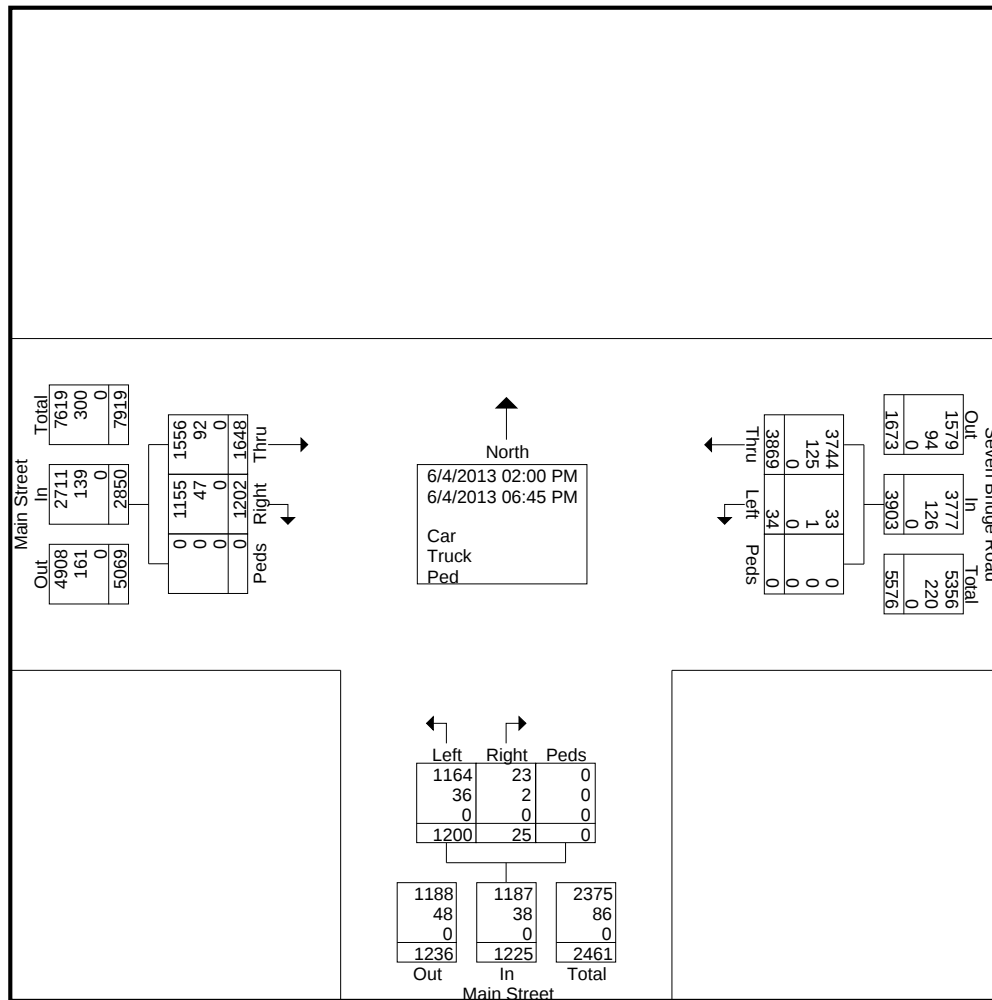
Functional Class: U-3

File Name : 147-2013-3747 PM

Site Code : 147-2013-3747

Start Date : 6/4/2013

Page No : 2



	Seven Bridge Road From East				Main Street From South				Main Street From West				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 06:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:45 PM													
04:45 PM	256	2	0	258	0	71	0	71	65	95	0	160	489
05:00 PM	267	1	0	268	1	64	0	65	55	84	0	139	472
05:15 PM	308	3	0	311	2	51	0	53	52	88	0	140	504
05:30 PM	270	0	0	270	0	67	0	67	70	110	0	180	517
Total Volume	1101	6	0	1107	3	253	0	256	242	377	0	619	1982
% App. Total	99.5	0.5	0		1.2	98.8	0		39.1	60.9	0		
PHF	.894	.500	.000	.890	.375	.891	.000	.901	.864	.857	.000	.860	.958

	Seven Bridge Road From East				Main Street From South				Main Street From West				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 06:45 AM													
06:45 AM	59	1	2	62	0	34	0	34	67	239	0	306	402
07:00 AM	70	0	0	70	1	31	0	32	64	237	0	301	403
07:15 AM	76	1	0	77	1	42	0	43	95	238	0	333	453
07:30 AM	106	0	0	106	0	67	0	67	108	182	0	290	463
Total Volume	311	2	2	315	2	174	0	176	334	896	0	1230	1721
% App. Total	98.7	0.6	0.6		1.1	98.9	0		27.2	72.8	0		
PHE	.733	.500	.250	.743	.500	.649	.000	.657	.773	.937	.000	.923	.929

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

File Name : 147-2013-3814 PM
Site Code : 147-2013-3814 PM
Start Date : 5/21/2013
Page No : 1

Groups Printed- Car - Truck - Ped													
	Lunenburg Road (Rt. 70) From North				Main St (Rt. 117) From East				Main St (Rt. 117) From West				
Start Time	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
02:00 PM	8	56	0	64	49	97	0	146	102	5	0	107	317
02:15 PM	9	64	0	73	61	85	0	146	92	4	0	96	315
02:30 PM	14	60	0	74	78	123	0	201	105	7	0	112	387
02:45 PM	16	52	0	68	82	130	0	212	101	5	0	106	386
Total	47	232	0	279	270	435	0	705	400	21	0	421	1405
03:00 PM	23	66	0	89	70	144	0	214	90	8	0	98	401
03:15 PM	18	62	0	80	100	162	0	262	94	16	0	110	452
03:30 PM	19	56	0	75	87	191	0	278	84	11	0	95	448
03:45 PM	19	49	0	68	97	169	0	266	94	6	0	100	434
Total	79	233	0	312	354	666	0	1020	362	41	0	403	1735
04:00 PM	11	62	0	73	82	142	0	224	89	5	0	94	391
04:15 PM	19	51	0	70	103	169	0	272	95	11	0	106	448
04:30 PM	15	55	0	70	118	190	0	308	71	8	0	79	457
04:45 PM	20	56	0	76	96	160	0	256	97	8	0	105	437
Total	65	224	0	289	399	661	0	1060	352	32	0	384	1733
05:00 PM	18	46	0	64	87	173	0	260	97	11	0	108	432
05:15 PM	14	63	0	77	100	180	0	280	110	10	0	120	477
05:30 PM	21	44	0	65	118	201	0	319	85	16	0	101	485
05:45 PM	12	59	0	71	114	167	0	281	93	11	0	104	456
Total	65	212	0	277	419	721	0	1140	385	48	0	433	1850
06:00 PM	7	60	0	67	99	180	0	279	98	6	0	104	450
06:15 PM	16	52	0	68	86	181	0	267	74	7	0	81	416
06:30 PM	12	47	0	59	74	136	0	210	50	2	0	52	321
06:45 PM	8	37	0	45	65	97	0	162	48	3	0	51	258
Total	43	196	0	239	324	594	0	918	270	18	0	288	1445
Grand Total	299	1097	0	1396	1766	3077	0	4843	1769	160	0	1929	8168
Apprch %	21.4	78.6	0		36.5	63.5	0		91.7	8.3	0		
Total %	3.7	13.4	0	17.1	21.6	37.7	0	59.3	21.7	2	0	23.6	
Car	286	1042	0	1328	1707	2966	0	4673	1686	156	0	1842	7843
% Car	95.7	95	0	95.1	96.7	96.4	0	96.5	95.3	97.5	0	95.5	96
Truck	13	55	0	68	59	111	0	170	83	4	0	87	325
% Truck	4.3	5	0	4.9	3.3	3.6	0	3.5	4.7	2.5	0	4.5	4
Ped	0	0	0	0	0	0	0	0	0	0	0	0	0
% Ped	0	0	0	0	0	0	0	0	0	0	0	0	0

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Main St (Rt 117)

Location: Int. of Lunenburg Rd (Rt 70)

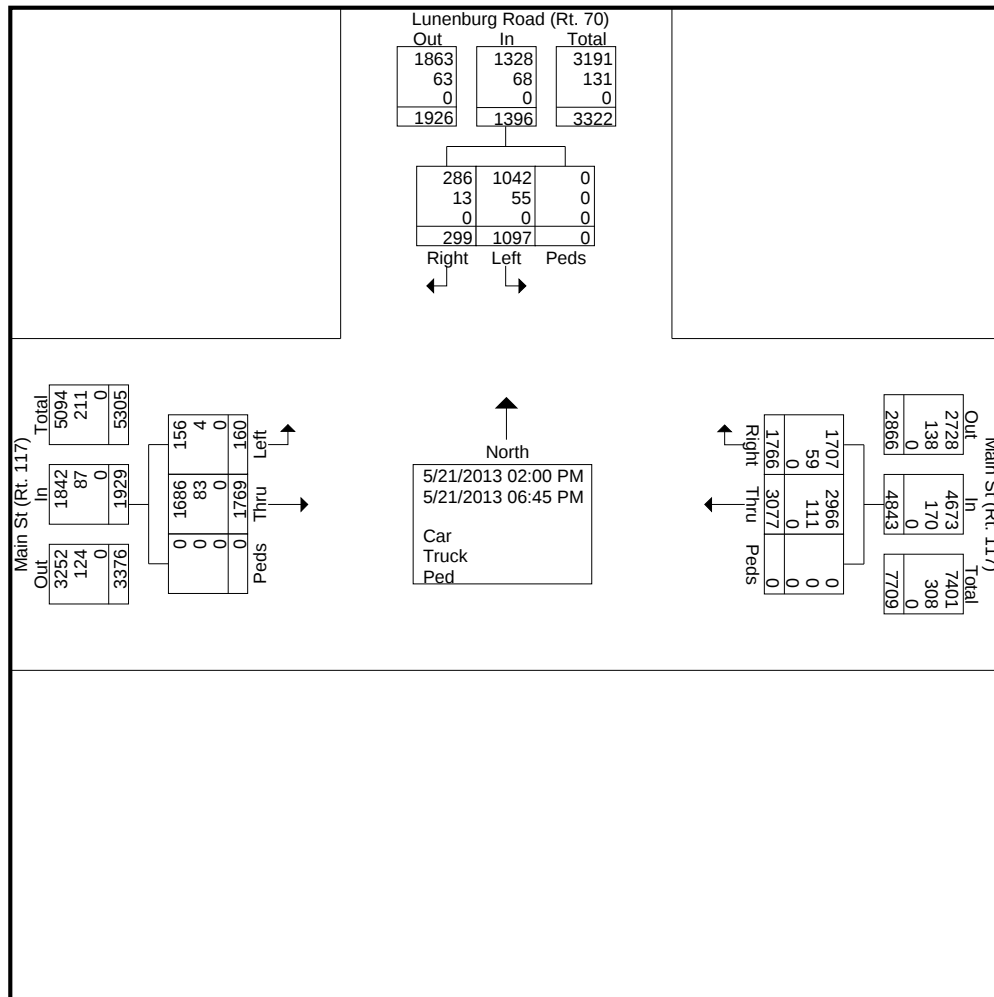
Functional Class: U-3

File Name : 147-2013-3814 PM

Site Code : 147-2013-3814 PM

Start Date : 5/21/2013

Page No : 2



	Lunenburg Road (Rt. 70) From North				Main St (Rt. 117) From East				Main St (Rt. 117) From West				
Start Time	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 06:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 05:15 PM													
05:15 PM	14	63	0	77	100	180	0	280	110	10	0	120	477
05:30 PM	21	44	0	65	118	201	0	319	85	16	0	101	485
05:45 PM	12	59	0	71	114	167	0	281	93	11	0	104	456
06:00 PM	7	60	0	67	99	180	0	279	98	6	0	104	450
Total Volume	54	226	0	280	431	728	0	1159	386	43	0	429	1868
% App. Total	19.3	80.7	0		37.2	62.8	0		90	10	0		
PHF	.643	.897	.000	.909	.913	.905	.000	.908	.877	.672	.000	.894	.963

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Main Street (Rt. 117)

Location: Lunenburg Road (Rt. 70)

Functional Class: U-3

File Name : 147-2013-3814 AM

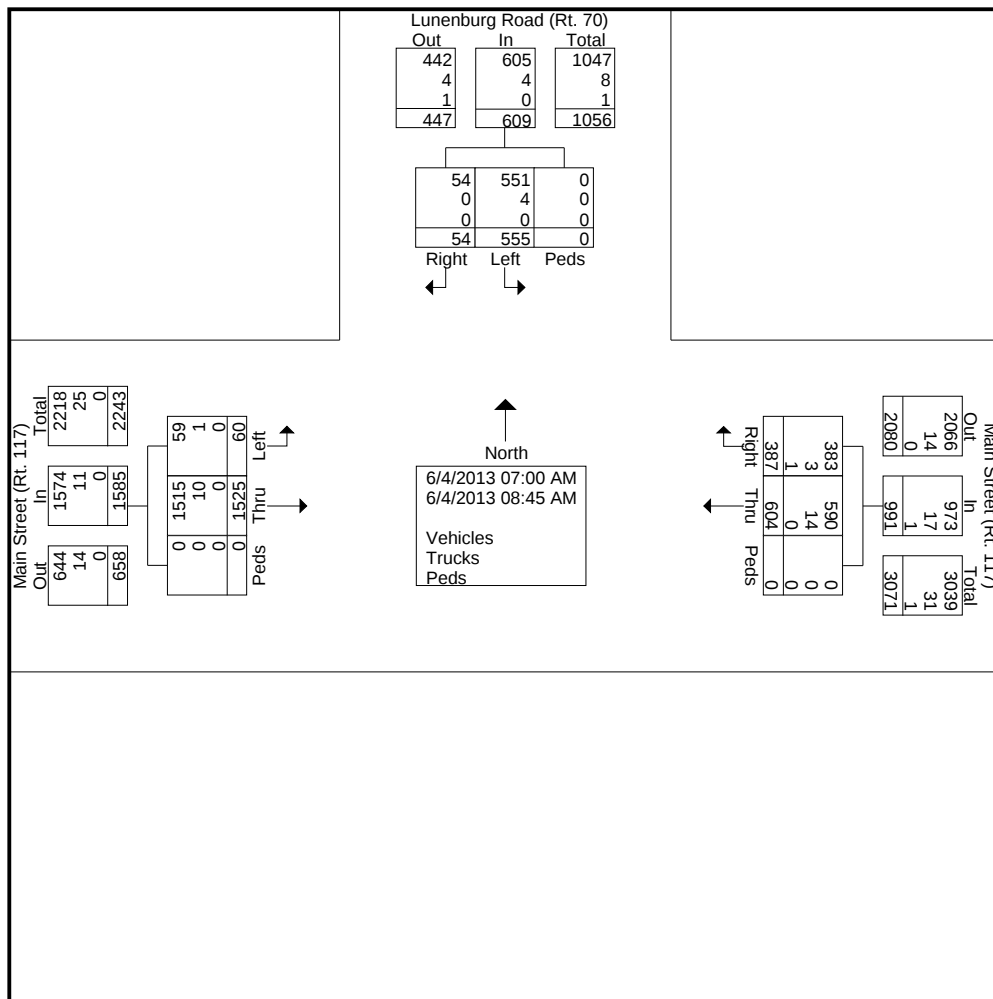
Site Code : 00003814

Start Date : 6/4/2013

Page No : 1

Groups Printed- Vehicles - Trucks - Peds

	Lunenburg Road (Rt. 70) From North				Main Street (Rt. 117) From East				Main Street (Rt. 117) From West				
Start Time	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	1	66	0	67	20	46	0	66	188	4	0	192	325
07:15 AM	7	63	0	70	38	65	0	103	254	5	0	259	432
07:30 AM	5	73	0	78	58	81	0	139	216	7	0	223	440
07:45 AM	10	71	0	81	71	81	0	152	208	15	0	223	456
Total	23	273	0	296	187	273	0	460	866	31	0	897	1653
08:00 AM	13	76	0	89	47	88	0	135	198	9	0	207	431
08:15 AM	7	68	0	75	50	81	0	131	161	11	0	172	378
08:30 AM	9	80	0	89	54	97	0	151	135	6	0	141	381
08:45 AM	2	58	0	60	49	65	0	114	165	3	0	168	342
Total	31	282	0	313	200	331	0	531	659	29	0	688	1532
Grand Total	54	555	0	609	387	604	0	991	1525	60	0	1585	3185
Apprch %	8.9	91.1	0		39.1	60.9	0		96.2	3.8	0		
Total %	1.7	17.4	0	19.1	12.2	19	0	31.1	47.9	1.9	0	49.8	
Vehicles	54	551	0	605	383	590	0	973	1515	59	0	1574	3152
% Vehicles	100	99.3	0	99.3	99	97.7	0	98.2	99.3	98.3	0	99.3	99
Trucks	0	4	0	4	3	14	0	17	10	1	0	11	32
% Trucks	0	0.7	0	0.7	0.8	2.3	0	1.7	0.7	1.7	0	0.7	1
Peds	0	0	0	0	1	0	0	1	0	0	0	0	1
% Peds	0	0	0	0	0.3	0	0	0.1	0	0	0	0	0



Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Main Street (Rt. 117)

Location: Lunenburg Road (Rt. 70)

Functional Class: U-3

File Name : 147-2013-3814 AM

Site Code : 00003814

Start Date : 6/4/2013

Page No : 2

	Lunenburg Road (Rt. 70) From North				Main Street (Rt. 117) From East				Main Street (Rt. 117) From West				
Start Time	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	7	63	0	70	38	65	0	103	254	5	0	259	432
07:30 AM	5	73	0	78	58	81	0	139	216	7	0	223	440
07:45 AM	10	71	0	81	71	81	0	152	208	15	0	223	456
08:00 AM	13	76	0	89	47	88	0	135	198	9	0	207	431
Total Volume	35	283	0	318	214	315	0	529	876	36	0	912	1759
% App. Total	11	89	0		40.5	59.5	0		96.1	3.9	0		
PHF	.673	.931	.000	.893	.754	.895	.000	.870	.862	.600	.000	.880	.964

APPENDIX D – Speed Counts

Fitchburg, MA 01420

Community: Lancaster
Street: Center Bridge Rd
Location: NW of High St (Rt 110)
Functional Class: U-5

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

Site Code: 14720151233

Station ID:

Latitude: 0' 0.000 Undefined

Latitude: 0 0.000 Undefined																		
Southeast	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
08/27/15	1	0	5	8	1	0	0	0	0	0	0	0	0	0	0	15	22-31	11
01:00	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8	21-30	7
02:00	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6	21-30	5
03:00	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3	15-24	2
04:00	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8	21-30	7
05:00	1	1	6	13	7	1	0	0	0	0	0	0	0	0	0	29	23-32	19
06:00	2	4	28	30	12	2	0	0	0	0	0	0	0	0	0	78	21-30	51
07:00	3	2	38	57	31	3	0	0	0	0	0	0	0	0	0	134	23-32	90
08:00	8	5	30	60	33	5	0	0	0	0	0	0	0	0	0	141	24-33	86
09:00	1	9	51	94	27	4	0	0	0	0	0	0	0	0	0	186	22-31	132
10:00	1	10	60	86	29	4	0	0	0	0	0	0	0	0	0	190	22-31	132
11:00	0	4	45	86	41	2	0	0	0	0	0	0	0	0	0	178	23-32	128
12 PM	0	3	39	59	36	0	0	0	0	0	0	0	0	0	0	137	23-32	96
13:00	3	4	48	65	35	2	0	0	0	0	0	0	0	0	0	157	22-31	105
14:00	1	3	61	93	36	2	0	0	0	0	0	0	0	0	0	196	22-31	143
15:00	0	3	53	112	54	5	0	0	0	0	0	0	0	0	0	227	24-33	165
16:00	2	6	58	111	61	5	0	0	0	0	0	0	0	0	0	243	24-33	168
17:00	0	3	75	180	77	7	1	1	0	0	0	0	0	0	0	344	24-33	255
18:00	0	7	53	126	53	5	0	0	0	0	0	0	0	0	0	244	24-33	176
19:00	2	2	37	75	40	5	2	0	0	1	0	0	0	0	0	164	24-33	112
20:00	1	3	37	56	14	1	1	0	0	0	0	0	0	0	0	113	22-31	84
21:00	0	4	25	33	14	2	0	0	0	0	0	0	0	0	0	78	22-31	53
22:00	0	4	23	19	9	0	0	0	0	0	0	0	0	0	0	55	21-30	37
23:00	0	0	6	23	6	0	1	0	0	0	0	0	0	0	0	36	23-32	29
Total	26	77	790	1397	618	55	5	1	0	1	0	0	0	0	0	2970		
Percent	0.9%	2.6%	26.6%	47.0%	20.8%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	10:00	09:00	11:00	08:00											10:00	
Vol.	8	10	60	94	41	5											190	
PM Peak	13:00	18:00	17:00	17:00	17:00	17:00	19:00	17:00		19:00							17:00	
Vol.	3	7	75	180	77	7	2	1		1							344	
Total	26	77	790	1397	618	55	5	1	0	1	0	0	0	0	0	2970		
Percent	0.9%	2.6%	26.6%	47.0%	20.8%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
			15th Percentile :		21 MPH													
			50th Percentile :		27 MPH													
			85th Percentile :		31 MPH													
			95th Percentile :		34 MPH													
Stats		10 MPH Pace Speed :		23-32 MPH														
		Number in Pace :		2077														

Percent in Pace :	69.9%
Number of Vehicles > 30 MPH :	758
Percent of Vehicles > 30 MPH :	25.5%
Mean Speed(Average) :	27 MPH

Fitchburg, MA 01420

Community: Lancaster
Street: Center Bridge Rd
Location: NW of High St (Rt 110)
Functional Class: U-5

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

Site Code: 14720151233

Station ID:

Latitude: 0' 0.000 Undefined

Northwest																Latitude: 0 0.000 Undefined		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace	
08/27/15	0	0	3	5	0	0	0	0	0	0	0	0	0	0	8	22-31	7	
01:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	21-30	4	
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1	
03:00	0	0	1	3	0	0	0	0	0	0	0	0	0	0	4	21-30	4	
04:00	0	1	6	9	1	0	0	0	0	0	0	0	0	0	17	22-31	13	
05:00	0	1	36	28	7	0	0	0	0	0	0	0	0	0	72	21-30	57	
06:00	1	9	79	66	10	1	0	0	0	0	0	0	0	0	166	21-30	126	
07:00	3	32	109	90	18	2	0	0	0	0	0	0	0	0	254	20-29	169	
08:00	0	9	82	93	18	0	0	0	0	0	0	0	0	0	202	21-30	154	
09:00	2	11	54	72	16	2	1	0	0	0	0	0	0	0	158	22-31	110	
10:00	0	6	26	25	11	0	0	0	0	0	0	0	0	0	68	21-30	45	
11:00	0	3	48	48	12	1	0	0	0	0	0	0	0	0	112	21-30	85	
12 PM	1	9	57	80	14	0	0	0	0	0	0	0	0	0	161	22-31	120	
13:00	0	10	86	80	13	0	0	0	0	0	0	0	0	0	189	21-30	145	
14:00	0	11	62	76	12	1	0	0	0	0	0	0	0	0	162	21-30	120	
15:00	0	14	79	70	15	0	0	0	0	0	0	0	0	0	178	21-30	130	
16:00	1	11	69	66	16	0	0	0	0	0	0	0	0	0	163	21-30	117	
17:00	1	13	70	71	15	0	0	0	0	0	0	0	0	0	170	21-30	122	
18:00	0	3	54	54	15	0	0	0	0	0	0	0	0	0	126	21-30	96	
19:00	0	3	53	50	10	1	0	0	0	0	0	0	0	0	117	21-30	91	
20:00	0	4	36	34	6	0	0	0	0	0	0	0	0	0	80	21-30	61	
21:00	1	5	17	23	7	0	0	0	0	0	0	0	0	0	53	22-31	35	
22:00	0	1	12	18	4	0	0	0	0	0	0	0	0	0	35	22-31	27	
23:00	0	0	2	3	2	0	0	0	0	0	0	0	0	0	7	24-33	5	
Total	10	156	1043	1067	222	8	1	0	0	0	0	0	0	0	2507			
Percent	0.4%	6.2%	41.6%	42.6%	8.9%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	07:00	07:00	07:00	08:00	07:00	07:00	09:00									07:00		
Vol.	3	32	109	93	18	2	1									254		
PM Peak	12:00	15:00	13:00	12:00	16:00	14:00										13:00		
Vol.	1	14	86	80	16	1										189		
Total	10	156	1043	1067	222	8	1	0	0	0	0	0	0	0	2507			
Percent	0.4%	6.2%	41.6%	42.6%	8.9%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
			15th Percentile :		20 MPH													
			50th Percentile :		24 MPH													
			85th Percentile :		29 MPH													
			95th Percentile :		32 MPH													
Stats		10 MPH Pace Speed :		21-30 MPH														
		Number in Pace :		1839														

Percent in Pace :	73.4%
Number of Vehicles > 30 MPH :	321
Percent of Vehicles > 30 MPH :	12.8%
Mean Speed(Average) :	25 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 5

Community: Lancaster
Street: Center Bridge Rd
Location: NW of High St (Rt 110)
Functional Class: U-5

Site Code: 14720151233

Station ID:

Latitude: 0' 0.000 Undefined

Southeast, Northwest

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/27/15	1	0	8	13	1	0	0	0	0	0	0	0	0	0	23	22-31	18
01:00	0	0	6	6	0	0	0	0	0	0	0	0	0	0	12	21-30	11
02:00	0	0	2	4	1	0	0	0	0	0	0	0	0	0	7	22-31	6
03:00	0	0	3	3	1	0	0	0	0	0	0	0	0	0	7	23-32	5
04:00	0	1	10	13	1	0	0	0	0	0	0	0	0	0	25	21-30	20
05:00	1	2	42	41	14	1	0	0	0	0	0	0	0	0	101	21-30	74
06:00	3	13	107	96	22	3	0	0	0	0	0	0	0	0	244	21-30	176
07:00	6	34	147	147	49	5	0	0	0	0	0	0	0	0	388	21-30	254
08:00	8	14	112	153	51	5	0	0	0	0	0	0	0	0	343	22-31	236
09:00	3	20	105	166	43	6	1	0	0	0	0	0	0	0	344	22-31	242
10:00	1	16	86	111	40	4	0	0	0	0	0	0	0	0	258	22-31	176
11:00	0	7	93	134	53	3	0	0	0	0	0	0	0	0	290	22-31	210
12 PM	1	12	96	139	50	0	0	0	0	0	0	0	0	0	298	22-31	214
13:00	3	14	134	145	48	2	0	0	0	0	0	0	0	0	346	22-31	246
14:00	1	14	123	169	48	3	0	0	0	0	0	0	0	0	358	22-31	262
15:00	0	17	132	182	69	5	0	0	0	0	0	0	0	0	405	22-31	286
16:00	3	17	127	177	77	5	0	0	0	0	0	0	0	0	406	22-31	278
17:00	1	16	145	251	92	7	1	1	0	0	0	0	0	0	514	23-32	368
18:00	0	10	107	180	68	5	0	0	0	0	0	0	0	0	370	23-32	268
19:00	2	5	90	125	50	6	2	0	0	1	0	0	0	0	281	22-31	198
20:00	1	7	73	90	20	1	1	0	0	0	0	0	0	0	193	22-31	144
21:00	1	9	42	56	21	2	0	0	0	0	0	0	0	0	131	22-31	88
22:00	0	5	35	37	13	0	0	0	0	0	0	0	0	0	90	21-30	64
23:00	0	0	8	26	8	0	1	0	0	0	0	0	0	0	43	24-33	34
Total	36	233	1833	2464	840	63	6	1	0	1	0	0	0	0	5477		
Percent	0.7%	4.3%	33.5%	45.0%	15.3%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	09:00	11:00	09:00	09:00								07:00		
Vol.	8	34	147	166	53	6	1								388		
PM Peak	13:00	15:00	17:00	17:00	17:00	17:00	19:00	17:00		19:00					17:00		
Vol.	3	17	145	251	92	7	2	1		1					514		
Total	36	233	1833	2464	840	63	6	1	0	1	0	0	0	0	5477		
Percent	0.7%	4.3%	33.5%	45.0%	15.3%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 20 MPH
50th Percentile : 26 MPH
85th Percentile : 30 MPH
95th Percentile : 33 MPH

Stats 10 MPH Pace Speed : 22-31 MPH
Number in Pace : 3867

Percent in Pace :	70.6%
Number of Vehicles > 30 MPH :	1077
Percent of Vehicles > 30 MPH :	19.7%
Mean Speed(Average) :	26 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 1

Community:Lancaster

Street:High Street

Location:S. of Old Common Road

Functional Class:U-3

Site Code: 1472015525

Station ID:

Latitude: 0' 0.0000 Undefined

Northeast																	
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
08/25/15	0	0	0	1	0	2	1	0	0	0	0	0	0	0	4	34-43	3
01:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	39-48	2
02:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	36-45	3
03:00	0	0	0	1	3	3	0	1	0	0	0	0	0	0	8	32-41	5
04:00	1	0	0	1	5	13	9	0	0	0	0	0	0	0	29	34-43	20
05:00	0	2	1	2	11	38	23	9	1	0	0	0	0	0	87	35-44	56
06:00	3	0	2	3	16	66	41	12	0	0	0	0	0	0	143	35-44	97
07:00	3	5	3	4	21	65	34	6	0	0	0	0	0	0	141	34-43	91
08:00	2	0	3	4	25	67	28	4	0	0	0	0	0	0	133	34-43	93
09:00	6	0	3	7	28	56	15	1	1	0	0	0	0	0	117	32-41	76
10:00	1	0	0	8	41	35	20	4	0	0	0	0	0	0	109	31-40	70
11:00	5	0	0	8	31	38	14	0	0	0	0	0	0	0	96	32-41	61
12 PM	4	0	0	11	31	41	19	3	0	0	0	0	0	0	109	32-41	66
13:00	4	1	0	9	18	59	29	4	0	0	0	0	0	0	124	34-43	81
14:00	3	0	0	5	18	51	39	14	2	0	0	0	0	0	132	35-44	82
15:00	0	0	1	0	12	52	42	11	2	0	0	0	0	0	120	36-45	85
16:00	2	0	0	0	24	72	53	12	2	0	0	0	0	0	165	35-44	115
17:00	4	0	0	2	18	49	34	7	0	1	0	0	0	0	115	35-44	75
18:00	1	1	0	0	9	36	25	9	0	0	0	0	0	0	81	35-44	55
19:00	0	0	1	2	20	28	19	1	1	0	0	0	0	0	72	33-42	48
20:00	1	0	0	2	9	22	8	4	1	0	0	0	0	0	47	33-42	30
21:00	0	0	0	1	7	6	14	3	0	0	0	0	0	0	31	36-45	19
22:00	0	0	0	3	4	14	9	2	0	0	0	0	0	0	32	35-44	21
23:00	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3	34-43	2
Total	40	9	14	74	352	814	481	108	10	1	0	0	0	0	1903		
Percent	2.1%	0.5%	0.7%	3.9%	18.5%	42.8%	25.3%	5.7%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	07:00	07:00	10:00	10:00	08:00	06:00	06:00	05:00						06:00		
Vol.	6	5	3	8	41	67	41	12	1						143		
PM Peak	12:00	13:00	15:00	12:00	12:00	16:00	16:00	14:00	14:00	17:00					16:00		
Vol.	4	1	1	11	31	72	53	14	2	1					165		

Stats	10 MPH Pace Speed :	35-44 MPH
	Number in Pace :	2569
	Percent in Pace :	65.2%
	Number of Vehicles > 40 MPH :	1434
	Percent of Vehicles > 40 MPH :	36.4%
	Mean Speed(Average) :	38 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 4

Community:Lancaster

Street:High Street

Location:S. of Old Common Road

Functional Class:U-3

Site Code: 1472015525

Station ID:

Latitude: 0' 0.0000 Undefined

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
08/25/15	0	0	0	0	0	2	2	1	0	0	0	0	0	0	5	36-45	4
01:00	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5	39-48	4
02:00	0	0	0	1	1	2	2	0	0	0	0	0	0	0	6	34-43	4
03:00	0	0	1	0	2	1	1	0	0	0	0	0	0	0	5	29-38	3
04:00	1	0	0	0	3	6	3	0	0	0	0	0	0	0	13	35-44	8
05:00	0	0	0	0	4	10	7	4	0	0	0	0	0	0	25	35-44	16
06:00	1	0	1	4	5	27	23	7	5	0	0	0	0	0	73	36-45	45
07:00	2	1	1	1	16	31	39	13	1	0	0	0	0	0	105	36-45	64
08:00	4	0	0	5	24	33	20	3	0	0	0	0	0	0	89	33-42	53
09:00	1	0	1	2	25	52	22	4	0	0	0	0	0	0	107	33-42	75
10:00	2	0	0	6	15	46	35	7	0	0	0	0	0	0	111	35-44	74
11:00	2	0	3	7	20	47	38	6	0	0	0	0	0	0	123	35-44	78
12 PM	2	1	0	0	18	53	44	14	2	0	0	0	0	0	134	35-44	88
13:00	2	0	1	3	15	53	45	16	7	1	0	0	0	0	143	36-45	89
14:00	3	0	2	2	9	44	60	17	4	1	0	0	0	0	142	37-46	94
15:00	0	1	1	2	14	40	85	32	9	0	0	0	0	0	184	38-47	121
16:00	1	0	3	2	12	47	77	43	4	0	0	0	0	0	189	38-47	122
17:00	2	0	0	0	8	54	76	36	5	0	0	0	0	0	181	37-46	122
18:00	0	0	1	1	9	32	36	22	1	0	0	0	0	0	102	37-46	65
19:00	0	0	0	1	14	34	42	7	0	0	1	0	0	0	99	36-45	69
20:00	0	0	0	0	12	19	15	4	0	0	0	0	0	0	50	34-43	33
21:00	0	0	1	1	5	15	9	4	0	0	0	0	0	0	35	35-44	23
22:00	0	0	0	0	3	16	8	4	0	0	0	0	0	0	31	35-44	22
23:00	0	0	0	0	1	4	8	2	2	0	0	0	0	0	17	38-47	11
Total	23	3	16	38	235	669	700	247	40	2	1	0	0	0	1974		
Percent	1.2%	0.2%	0.8%	1.9%	11.9%	33.9%	35.5%	12.5%	2.0%	0.1%	0.1%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	11:00	11:00	09:00	09:00	07:00	07:00	06:00						11:00		
Vol.	4	1	3	7	25	52	39	13	5						123		
PM Peak	14:00	12:00	16:00	13:00	12:00	17:00	15:00	16:00	15:00	13:00	19:00				16:00		
Vol.	3	1	3	3	18	54	85	43	9	1	1				189		

Stats	10 MPH Pace Speed :	36-45 MPH
	Number in Pace :	2601
	Percent in Pace :	64.4%
	Number of Vehicles > 40 MPH :	2112
	Percent of Vehicles > 40 MPH :	52.3%
	Mean Speed(Average) :	40 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 7

Community:Lancaster

Street:High Street

Location:S. of Old Common Road

Functional Class:U-3

Site Code: 1472015525

Station ID:

Latitude: 0' 0.0000 Undefined

Northeast, Southwest

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
08/25/15	0	0	0	1	0	4	3	1	0	0	0	0	0	0	9	37-46	6
01:00	0	0	0	0	0	1	4	2	0	0	0	0	0	0	7	39-48	6
02:00	0	0	0	1	1	3	4	0	0	0	0	0	0	0	9	37-46	6
03:00	0	0	1	1	5	4	1	1	0	0	0	0	0	0	13	31-40	8
04:00	2	0	0	1	8	19	12	0	0	0	0	0	0	0	42	35-44	28
05:00	0	2	1	2	15	48	30	13	1	0	0	0	0	0	112	35-44	72
06:00	4	0	3	7	21	93	64	19	5	0	0	0	0	0	216	35-44	142
07:00	5	6	4	5	37	96	73	19	1	0	0	0	0	0	246	35-44	153
08:00	6	0	3	9	49	100	48	7	0	0	0	0	0	0	222	34-43	145
09:00	7	0	4	9	53	108	37	5	1	0	0	0	0	0	224	33-42	151
10:00	3	0	0	14	56	81	55	11	0	0	0	0	0	0	220	33-42	135
11:00	7	0	3	15	51	85	52	6	0	0	0	0	0	0	219	34-43	133
12 PM	6	1	0	11	49	94	63	17	2	0	0	0	0	0	243	34-43	148
13:00	6	1	1	12	33	112	74	20	7	1	0	0	0	0	267	35-44	169
14:00	6	0	2	7	27	95	99	31	6	1	0	0	0	0	274	36-45	175
15:00	0	1	2	2	26	92	127	43	11	0	0	0	0	0	304	37-46	203
16:00	3	0	3	2	36	119	130	55	6	0	0	0	0	0	354	37-46	228
17:00	6	0	0	2	26	103	110	43	5	1	0	0	0	0	296	36-45	193
18:00	1	1	1	1	18	68	61	31	1	0	0	0	0	0	183	36-45	119
19:00	0	0	1	3	34	62	61	8	1	0	1	0	0	0	171	35-44	114
20:00	1	0	0	2	21	41	23	8	1	0	0	0	0	0	97	34-43	63
21:00	0	0	1	2	12	21	23	7	0	0	0	0	0	0	66	35-44	41
22:00	0	0	0	3	7	30	17	6	0	0	0	0	0	0	63	35-44	44
23:00	0	0	0	0	2	4	10	2	2	0	0	0	0	0	20	38-47	13
Total	63	12	30	112	587	1483	1181	355	50	3	1	0	0	0	3877		
Percent	1.6%	0.3%	0.8%	2.9%	15.1%	38.3%	30.5%	9.2%	1.3%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.	09:00	07:00	07:00	11:00	10:00	09:00	07:00	06:00	06:00						07:00		
	7	6	4	15	56	108	73	19	5						246		
PM Peak Vol.	12:00	12:00	16:00	13:00	12:00	16:00	16:00	16:00	15:00	13:00	19:00				16:00		
	6	1	3	12	49	119	130	55	11	1	1				354		

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 8

Community:Lancaster

Street:High Street

Location:S. of Old Common Road

Functional Class:U-3

Site Code: 1472015525

Station ID:

Latitude: 0' 0.0000 Undefined

Northeast, Southwest

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
08/26/15	0	0	0	2	3	3	0	0	0	0	0	0	0	0	8	29-38	6
01:00	0	0	0	0	1	0	5	0	0	0	0	0	0	0	6	36-45	5
02:00	0	0	0	0	1	2	2	1	0	0	0	0	0	0	6	34-43	4
03:00	0	0	2	0	1	9	2	0	0	0	0	0	0	0	14	34-43	11
04:00	2	0	0	2	9	15	13	1	2	0	0	0	0	0	44	35-44	26
05:00	0	1	0	3	21	57	43	6	2	2	0	0	0	0	135	35-44	92
06:00	4	1	0	4	26	94	66	21	3	1	0	0	0	0	220	35-44	145
07:00	6	1	5	1	30	103	81	28	1	1	0	0	0	0	257	36-45	165
08:00	5	0	0	4	32	84	78	21	3	1	0	0	0	0	228	36-45	146
09:00	8	1	0	3	44	107	71	11	3	0	0	0	0	0	248	35-44	163
10:00	3	0	1	5	33	94	68	15	0	0	0	0	0	0	219	35-44	149
11:00	3	1	3	5	35	75	92	20	2	0	0	0	0	0	236	36-45	152
12 PM	6	0	1	4	21	118	96	40	2	1	0	0	0	0	289	36-45	192
13:00	6	0	0	3	33	113	111	20	4	2	0	0	0	0	292	36-45	200
14:00	8	0	0	1	37	101	116	33	6	0	0	0	0	0	302	36-45	195
15:00	1	0	7	4	32	95	125	41	5	0	0	0	0	0	310	37-46	203
16:00	4	0	1	4	20	109	145	54	9	0	0	0	0	0	346	37-46	234
17:00	7	1	1	3	18	113	130	41	9	2	0	0	0	0	325	37-46	217
18:00	4	0	1	5	30	85	88	35	1	0	0	0	0	0	249	36-45	158
19:00	0	0	0	1	13	74	47	15	1	0	0	0	0	0	151	35-44	110
20:00	0	1	1	0	10	36	41	6	2	0	0	0	0	0	97	36-45	69
21:00	1	0	0	2	7	19	27	7	0	0	0	0	0	0	63	36-45	42
22:00	0	0	0	0	3	11	13	4	1	1	0	0	0	0	33	36-45	22
23:00	0	0	0	1	3	7	6	2	1	0	0	0	0	0	20	36-45	12
Total	68	7	23	57	463	1524	1466	422	57	11	0	0	0	0	4098		
Percent	1.7%	0.2%	0.6%	1.4%	11.3%	37.2%	35.8%	10.3%	1.4%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	05:00	07:00	10:00	09:00	09:00	11:00	07:00	06:00	05:00						07:00	
Vol.	8	1	5	5	44	107	92	28	3	2						257	
PM Peak	14:00	17:00	15:00	18:00	14:00	12:00	16:00	16:00	16:00	13:00						16:00	
Vol.	8	1	7	5	37	118	145	54	9	2						346	
Total	131	19	53	169	1050	3007	2647	777	107	14	1	0	0	0	7975		
Percent	1.6%	0.2%	0.7%	2.1%	13.2%	37.7%	33.2%	9.7%	1.3%	0.2%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 33 MPH
50th Percentile : 39 MPH
85th Percentile : 44 MPH
95th Percentile : 48 MPH

Stats	10 MPH Pace Speed :	36-45 MPH
	Number in Pace :	5121
	Percent in Pace :	64.2%
	Number of Vehicles > 40 MPH :	3546
	Percent of Vehicles > 40 MPH :	44.5%
	Mean Speed(Average) :	39 MPH

1427R Water Street
Fitchburg, MA 01420

Community: Lancaster
Street: Lunenburg Rd (Rt 70)
Location: N. of Main St (Rt 117)
Functional Class: U-5

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

Site Code: 1472015530

Station ID:

Latitude: 0' 0.000 Undefined

South																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	
08/27/15	0	0	1	1	4	9	1	1	0	0	0	0	0	0	999	17	31-40 12	
01:00	0	0	0	1	2	4	1	2	0	0	0	0	0	0	10	31-40	6	
02:00	0	0	0	0	4	1	0	0	0	0	0	0	0	0	5	29-38	5	
03:00	0	0	1	0	3	6	4	0	0	0	0	0	0	0	14	34-43	10	
04:00	0	1	3	1	9	15	10	3	1	0	0	0	0	0	43	35-44	24	
05:00	1	1	16	20	52	40	20	2	0	1	0	0	0	0	153	31-40	85	
06:00	29	31	45	60	68	40	12	0	0	0	0	1	0	0	286	26-35	108	
07:00	12	29	54	54	87	53	4	0	0	0	0	0	0	0	293	28-37	130	
08:00	29	43	57	63	58	25	6	0	1	0	0	1	0	0	283	24-33	104	
09:00	9	16	30	53	83	70	13	0	0	0	0	0	0	0	274	29-38	139	
10:00	0	18	26	40	48	42	4	1	0	0	0	1	0	0	180	28-37	85	
11:00	0	9	40	58	94	36	11	2	0	1	0	1	0	0	252	27-36	142	
12 PM	0	5	31	62	63	93	23	2	0	0	0	0	0	0	279	31-40	146	
13:00	8	19	30	71	104	56	13	1	2	2	0	0	0	0	306	28-37	161	
14:00	17	32	75	80	77	29	6	2	0	0	0	0	0	0	318	23-32	143	
15:00	43	25	46	71	55	42	4	0	0	0	0	0	0	0	286	25-34	105	
16:00	33	43	67	59	48	10	4	0	0	0	0	0	0	0	264	21-30	103	
17:00	25	27	45	81	76	30	3	0	0	0	0	0	0	0	287	25-34	132	
18:00	19	15	42	67	74	43	7	2	0	0	0	0	0	0	269	26-35	124	
19:00	0	1	17	49	74	84	11	0	0	0	0	0	0	0	236	30-39	147	
20:00	0	0	6	36	60	52	11	0	0	0	0	0	0	0	165	30-39	106	
21:00	0	0	1	16	41	38	5	1	1	0	0	0	0	0	103	31-40	72	
22:00	0	1	6	11	16	27	10	2	0	0	0	0	0	0	73	32-41	41	
23:00	0	0	0	5	5	21	4	2	0	0	0	0	0	0	37	33-42	26	
Total	225	316	639	959	1205	866	187	23	5	4	0	4	0	0	4433			
Percent	5.1%	7.1%	14.4%	21.6%	27.2%	19.5%	4.2%	0.5%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%				
AM Peak	06:00	08:00	08:00	08:00	11:00	09:00	05:00	04:00	04:00	05:00		06:00			07:00			
Vol.	29	43	57	63	94	70	20	3	1	1		1			293			
PM Peak	15:00	16:00	14:00	17:00	13:00	12:00	12:00	12:00	13:00	13:00					14:00			
Vol.	43	43	75	81	104	93	23	2	2	2					318			
Total	225	316	639	959	1205	866	187	23	5	4	0	4	0	0	4433			
Percent	5.1%	7.1%	14.4%	21.6%	27.2%	19.5%	4.2%	0.5%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%				
15th Percentile :				17 MPH														
50th Percentile :				29 MPH														
85th Percentile :				37 MPH														
95th Percentile :				40 MPH														

Stats	10 MPH Pace Speed :	28-37 MPH
	Number in Pace :	1976

Percent in Pace :	44.6%
Number of Vehicles > 30 MPH :	2104
Percent of Vehicles > 30 MPH :	47.5%
Mean Speed(Average) :	28 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 3

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472015530

Station ID:

North

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
08/27/15	0	0	0	1	2	10	8	2	0	0	0	0	0	0	23	36-45	16
01:00	0	0	0	1	0	6	4	0	1	0	0	0	0	0	12	35-44	9
02:00	0	0	0	0	1	2	1	2	0	0	0	0	0	0	6	30-39	3
03:00	0	0	0	0	0	2	6	1	0	0	0	0	0	0	9	37-46	8
04:00	0	0	1	0	4	11	1	1	0	0	0	0	0	0	18	32-41	14
05:00	0	0	1	1	25	27	18	2	0	0	1	0	0	0	75	33-42	49
06:00	1	4	7	5	31	71	38	8	5	0	0	0	1	0	171	34-43	105
07:00	1	3	7	17	29	124	72	10	0	0	2	0	0	0	265	35-44	180
08:00	0	3	16	15	60	81	52	12	1	2	0	0	0	0	242	33-42	137
09:00	0	4	5	14	51	100	42	9	2	0	0	0	0	1	228	33-42	146
10:00	0	0	4	3	15	27	8	2	0	1	0	0	0	0	60	33-42	39
11:00	0	2	10	22	41	105	66	7	2	2	1	1	1	0	260	34-43	161
12 PM	1	0	10	19	52	119	69	11	2	0	0	0	2	1	286	34-43	181
13:00	1	4	11	15	78	78	67	6	3	0	0	0	0	0	263	33-42	150
14:00	3	1	6	24	61	149	93	17	0	0	1	0	0	0	355	35-44	227
15:00	15	5	11	12	63	177	106	14	5	0	0	0	0	0	408	35-44	257
16:00	9	3	7	17	59	205	163	26	2	2	1	0	0	0	494	35-44	330
17:00	9	5	6	20	51	237	181	29	4	1	2	0	0	0	545	35-44	372
18:00	6	3	2	15	54	127	140	17	4	5	0	0	0	0	373	36-45	239
19:00	0	0	2	5	47	102	61	10	2	1	0	0	1	0	231	34-43	158
20:00	0	0	0	3	39	78	33	6	1	1	0	0	0	0	161	33-42	115
21:00	0	0	1	2	22	55	21	7	0	0	0	0	0	0	108	33-42	77
22:00	0	0	0	2	12	38	17	4	1	0	1	0	0	0	75	34-43	53
23:00	0	0	0	2	5	24	8	1	0	0	0	0	0	0	40	34-43	31
Total	46	37	107	215	802	1955	1275	204	35	15	9	1	5	2	4708		
Percent	1.0%	0.8%	2.3%	4.6%	17.0%	41.5%	27.1%	4.3%	0.7%	0.3%	0.2%	0.0%	0.1%	0.0%			
AM Peak	06:00	06:00	08:00	11:00	08:00	07:00	07:00	08:00	06:00	08:00	07:00	11:00	06:00	09:00	07:00		
Vol.	1	4	16	22	60	124	72	12	5	2	2	1	1	1	265		
PM Peak	15:00	15:00	13:00	14:00	13:00	17:00	17:00	17:00	15:00	18:00	17:00		12:00	12:00	17:00		
Vol.	15	5	11	24	78	237	181	29	5	5	2		2	1	545		
Total	46	37	107	215	802	1955	1275	204	35	15	9	1	5	2	4708		
Percent	1.0%	0.8%	2.3%	4.6%	17.0%	41.5%	27.1%	4.3%	0.7%	0.3%	0.2%	0.0%	0.1%	0.0%			

15th Percentile : 31 MPH
50th Percentile : 37 MPH
85th Percentile : 43 MPH
95th Percentile : 46 MPH

Stats 10 MPH Pace Speed : 35-44 MPH
Number in Pace : 3012

Percent in Pace :	64.0%
Number of Vehicles > 30 MPH :	4181
Percent of Vehicles > 30 MPH :	88.8%
Mean Speed(Average) :	38 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 5

Community: Lancaster
Street: Lunenburg Rd (Rt 70)
Location: N. of Main St (Rt 117)
Functional Class: U-5

Site Code: 1472015530

Station ID:

Latitude: 0' 0.000 Undefined

South, North

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/27/15	0	0	1	2	6	19	9	3	0	0	0	0	0	0	40	34-43	27
01:00	0	0	0	2	2	10	5	2	1	0	0	0	0	0	22	34-43	14
02:00	0	0	0	0	5	3	1	2	0	0	0	0	0	0	11	31-40	7
03:00	0	0	1	0	3	8	10	1	0	0	0	0	0	0	23	37-46	16
04:00	0	1	4	1	13	26	11	4	1	0	0	0	0	0	61	33-42	38
05:00	1	1	17	21	77	67	38	4	0	1	1	0	0	0	228	31-40	133
06:00	30	35	52	65	99	111	50	8	5	0	0	1	1	0	457	31-40	182
07:00	13	32	61	71	116	177	76	10	0	0	2	0	0	0	558	32-41	267
08:00	29	46	73	78	118	106	58	12	2	2	0	1	0	0	525	30-39	198
09:00	9	20	35	67	134	170	55	9	2	0	0	0	0	1	502	31-40	273
10:00	0	18	30	43	63	69	12	3	0	1	0	1	0	0	240	30-39	119
11:00	0	11	50	80	135	141	77	9	2	3	1	2	1	0	512	31-40	259
12 PM	1	5	41	81	115	212	92	13	2	0	0	0	2	1	565	33-42	316
13:00	9	23	41	86	182	134	80	7	5	2	0	0	0	0	569	30-39	291
14:00	20	33	81	104	138	178	99	19	0	0	1	0	0	0	673	32-41	290
15:00	58	30	57	83	118	219	110	14	5	0	0	0	0	0	694	33-42	307
16:00	42	46	74	76	107	215	167	26	2	2	1	0	0	0	758	35-44	335
17:00	34	32	51	101	127	267	184	29	4	1	2	0	0	0	832	34-43	407
18:00	25	18	44	82	128	170	147	19	4	5	0	0	0	0	642	34-43	296
19:00	0	1	19	54	121	186	72	10	2	1	0	0	1	0	467	32-41	290
20:00	0	0	6	39	99	130	44	6	1	1	0	0	0	0	326	32-41	212
21:00	0	0	2	18	63	93	26	8	1	0	0	0	0	0	211	32-41	144
22:00	0	1	6	13	28	65	27	6	1	0	1	0	0	0	148	34-43	92
23:00	0	0	0	7	10	45	12	3	0	0	0	0	0	0	77	34-43	56
Total	271	353	746	1174	2007	2821	1462	227	40	19	9	5	5	2	9141		
Percent	3.0%	3.9%	8.2%	12.8%	22.0%	30.9%	16.0%	2.5%	0.4%	0.2%	0.1%	0.1%	0.1%	0.0%			
AM Peak	06:00	08:00	08:00	11:00	11:00	07:00	11:00	08:00	06:00	11:00	07:00	11:00	06:00	09:00	07:00		
Vol.	30	46	73	80	135	177	77	12	5	3	2	2	1	1	558		
PM Peak	15:00	16:00	14:00	14:00	13:00	17:00	17:00	17:00	13:00	18:00	17:00		12:00	12:00	17:00		
Vol.	58	46	81	104	182	267	184	29	5	5	2		2	1	832		
Total	271	353	746	1174	2007	2821	1462	227	40	19	9	5	5	2	9141		
Percent	3.0%	3.9%	8.2%	12.8%	22.0%	30.9%	16.0%	2.5%	0.4%	0.2%	0.1%	0.1%	0.1%	0.0%			

15th Percentile : 22 MPH
50th Percentile : 34 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Stats 10 MPH Pace Speed : 32-41 MPH
Number in Pace : 4441

Percent in Pace :	48.6%
Number of Vehicles > 30 MPH :	6226
Percent of Vehicles > 30 MPH :	68.1%
Mean Speed(Average) :	33 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 1

Community:Lancaster

Street:Main Street

Location:In front of Town Hall/Town Green

Functional Class:

Site Code: 14720154423

Station ID:

Latitude: 0' 0.0000 Undefined

North

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
08/31/15	0	0	0	3	5	3	0	0	0	0	0	0	0	0	11	28-37	8
01:00	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	19-28	1
02:00	0	0	0	2	5	1	1	0	0	0	0	0	0	0	9	27-36	7
03:00	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4	29-38	3
04:00	0	0	1	3	9	3	0	0	0	0	0	0	0	0	16	29-38	12
05:00	0	0	0	22	30	15	0	0	0	0	0	0	0	0	67	28-37	49
06:00	0	0	1	33	77	19	4	0	0	0	0	0	0	0	134	28-37	104
07:00	0	1	4	71	140	41	3	0	0	0	0	0	0	0	260	28-37	199
08:00	2	2	13	81	89	36	1	0	0	0	0	0	0	0	224	27-36	154
09:00	0	0	20	81	51	8	1	0	0	0	0	0	0	0	161	25-34	122
10:00	1	0	14	71	93	20	1	0	0	0	0	0	0	0	200	27-36	148
11:00	0	3	15	84	111	16	0	0	0	0	0	0	0	0	229	26-35	174
12 PM	0	0	7	76	108	24	1	0	0	0	0	0	0	0	216	27-36	167
13:00	0	0	10	71	110	21	2	0	0	0	0	0	0	0	214	27-36	165
14:00	1	0	7	102	108	28	0	0	0	0	0	0	0	0	246	26-35	188
15:00	0	0	20	81	110	26	1	2	0	0	0	0	0	0	240	27-36	174
16:00	1	0	5	87	122	27	5	1	0	0	0	0	0	0	248	27-36	189
17:00	1	0	4	63	144	45	3	0	0	0	0	0	0	0	260	28-37	199
18:00	0	0	6	60	96	48	3	0	0	0	0	0	0	0	213	28-37	151
19:00	1	4	8	60	73	22	2	0	0	0	0	0	0	0	170	27-36	119
20:00	0	1	4	36	52	11	2	1	0	0	0	0	0	0	107	27-36	80
21:00	0	1	2	14	34	8	0	0	0	0	0	0	0	0	59	28-37	45
22:00	0	0	0	13	13	9	2	0	0	0	0	0	0	0	37	27-36	25
23:00	0	0	0	4	8	9	1	0	0	0	0	0	0	0	22	30-39	16
Total	7	12	141	1119	1590	441	34	5	0	0	0	0	0	0	3349		
Percent	0.2%	0.4%	4.2%	33.4%	47.5%	13.2%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	11:00	09:00	11:00	07:00	07:00	06:00	01:00								07:00	
Vol.	2	3	20	84	140	41	4	1								260	
PM Peak	14:00	19:00	15:00	14:00	17:00	18:00	16:00	15:00								17:00	
Vol.	1	4	20	102	144	48	5	2								260	
Total	7	12	141	1119	1590	441	34	5	0	0	0	0	0	0	3349		
Percent	0.2%	0.4%	4.2%	33.4%	47.5%	13.2%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 26 MPH
50th Percentile : 31 MPH
85th Percentile : 35 MPH
95th Percentile : 38 MPH

Stats	10 MPH Pace Speed :	27-36 MPH
	Number in Pace :	2480
	Percent in Pace :	74.1%
	Number of Vehicles > 35 MPH :	480
	Percent of Vehicles > 35 MPH :	14.3%
	Mean Speed(Average) :	32 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 3

Community:Lancaster

Street:Main Street

Location:In front of Town Hall/Town Green

Functional Class:

Site Code: 14720154423

Station ID:

Latitude: 0' 0.0000 Undefined

South

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
08/31/15	0	0	0	0	4	1	3	0	0	0	0	0	0	0	8	29-38	5
01:00	0	0	0	3	1	1	0	0	0	0	0	0	0	0	5	24-33	4
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
03:00	0	0	0	1	2	2	2	0	0	0	0	0	0	0	7	34-43	4
04:00	0	0	0	3	8	5	1	1	0	0	0	0	0	0	18	30-39	12
05:00	0	0	1	5	29	18	1	0	0	0	0	0	0	0	54	30-39	43
06:00	0	0	1	13	61	48	1	0	0	0	0	0	0	0	124	30-39	98
07:00	0	0	2	23	117	75	9	0	0	0	0	0	0	0	226	30-39	175
08:00	1	0	9	48	142	56	4	0	0	0	0	0	0	0	260	29-38	194
09:00	0	0	5	12	33	7	0	0	0	0	0	0	0	0	57	27-36	43
10:00	0	0	9	30	73	57	4	0	0	0	0	0	0	0	173	30-39	121
11:00	0	0	13	39	74	60	4	0	0	0	0	0	0	0	190	30-39	126
12 PM	0	1	3	32	94	47	3	0	0	0	0	0	0	0	180	29-38	135
13:00	0	2	11	29	84	59	5	0	0	0	0	0	0	0	190	30-39	132
14:00	1	0	7	46	109	43	6	1	0	0	0	0	0	0	213	28-37	153
15:00	0	1	12	50	144	54	2	0	0	0	0	0	0	0	263	29-38	196
16:00	0	1	6	43	128	70	7	1	0	0	0	0	0	0	256	29-38	187
17:00	0	0	6	29	98	72	9	0	0	0	0	0	0	0	214	30-39	156
18:00	0	0	10	27	101	55	6	1	0	0	0	0	0	0	200	30-39	145
19:00	0	0	5	40	106	47	4	0	0	0	0	0	0	0	202	29-38	150
20:00	0	0	1	7	79	35	4	1	0	0	1	0	0	0	128	30-39	104
21:00	0	0	0	9	29	23	7	0	0	0	0	0	0	0	68	30-39	48
22:00	0	0	0	4	28	12	7	0	0	0	0	0	0	0	51	30-39	37
23:00	0	0	0	2	5	10	2	1	0	0	1	0	0	0	21	31-40	14
Total	2	5	101	495	1550	857	91	6	0	0	2	0	0	0	3109		
Percent	0.1%	0.2%	3.2%	15.9%	49.9%	27.6%	2.9%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%			
AM Peak Vol.	08:00		11:00	08:00	08:00	07:00	07:00	04:00							08:00		
PM Peak Vol.	14:00	13:00	15:00	15:00	15:00	17:00	17:00	14:00			20:00				15:00		
Total	1	2	12	50	144	72	9	1			1				263		
Percent	0.1%	0.2%	3.2%	15.9%	49.9%	27.6%	2.9%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%			

15th Percentile : 28 MPH
50th Percentile : 33 MPH
85th Percentile : 37 MPH
95th Percentile : 40 MPH

Stats	10 MPH Pace Speed :	29-38 MPH
	Number in Pace :	2259
	Percent in Pace :	72.7%
	Number of Vehicles > 35 MPH :	956
	Percent of Vehicles > 35 MPH :	30.7%
	Mean Speed(Average) :	34 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community:Lancaster

Street:Main Street

Location:In front of Town Hall/Town Green

Functional Class:

Site Code: 14720154423

Station ID:

Latitude: 0' 0.0000 Undefined

North, South

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
08/31/15	0	0	0	3	9	4	3	0	0	0	0	0	0	0	19	29-38	13
01:00	0	0	0	4	1	1	0	1	0	0	0	0	0	0	7	24-33	5
02:00	0	0	0	2	6	1	1	0	0	0	0	0	0	0	10	27-36	8
03:00	0	0	0	1	4	3	3	0	0	0	0	0	0	0	11	31-40	7
04:00	0	0	1	6	17	8	1	1	0	0	0	0	0	0	34	29-38	24
05:00	0	0	1	27	59	33	1	0	0	0	0	0	0	0	121	29-38	90
06:00	0	0	2	46	138	67	5	0	0	0	0	0	0	0	258	29-38	197
07:00	0	1	6	94	257	116	12	0	0	0	0	0	0	0	486	29-38	364
08:00	3	2	22	129	231	92	5	0	0	0	0	0	0	0	484	28-37	343
09:00	0	0	25	93	84	15	1	0	0	0	0	0	0	0	218	26-35	161
10:00	1	0	23	101	166	77	5	0	0	0	0	0	0	0	373	28-37	257
11:00	0	3	28	123	185	76	4	0	0	0	0	0	0	0	419	27-36	289
12 PM	0	1	10	108	202	71	4	0	0	0	0	0	0	0	396	28-37	295
13:00	0	2	21	100	194	80	7	0	0	0	0	0	0	0	404	28-37	285
14:00	2	0	14	148	217	71	6	1	0	0	0	0	0	0	459	27-36	337
15:00	0	1	32	131	254	80	3	2	0	0	0	0	0	0	503	28-37	364
16:00	1	1	11	130	250	97	12	2	0	0	0	0	0	0	504	28-37	366
17:00	1	0	10	92	242	117	12	0	0	0	0	0	0	0	474	29-38	348
18:00	0	0	16	87	197	103	9	1	0	0	0	0	0	0	413	29-38	294
19:00	1	4	13	100	179	69	6	0	0	0	0	0	0	0	372	28-37	265
20:00	0	1	5	43	131	46	6	2	0	0	1	0	0	0	235	29-38	175
21:00	0	1	2	23	63	31	7	0	0	0	0	0	0	0	127	29-38	90
22:00	0	0	0	17	41	21	9	0	0	0	0	0	0	0	88	29-38	60
23:00	0	0	0	6	13	19	3	1	0	0	1	0	0	0	43	32-41	29
Total	9	17	242	1614	3140	1298	125	11	0	0	2	0	0	0	6458		
Percent	0.1%	0.3%	3.7%	25.0%	48.6%	20.1%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	11:00	11:00	08:00	07:00	07:00	07:00	01:00								07:00	
Vol.	3	3	28	129	257	116	12	1								486	
PM Peak	14:00	19:00	15:00	14:00	15:00	17:00	16:00	15:00			20:00					16:00	
Vol.	2	4	32	148	254	117	12	2			1					504	
Total	9	17	242	1614	3140	1298	125	11	0	0	2	0	0	0	6458		
Percent	0.1%	0.3%	3.7%	25.0%	48.6%	20.1%	1.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 27 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Stats	10 MPH Pace Speed :	28-37 MPH
	Number in Pace :	4616
	Percent in Pace :	71.5%
	Number of Vehicles > 35 MPH :	1436
	Percent of Vehicles > 35 MPH :	22.2%
	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: Lancaster

Street: Main St (Rt 117)

Location: W. of Lunenburg Rd (Rt 70)

Functional Class: U-3

Site Code: 1472015536

Station ID:

East Latitude: 0' 0.000 Undefined

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
08/25/15	0	0	0	2	3	9	3	1	0	0	0	0	0	0	0	18	34-43	12
01:00	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	5	32-41	4
02:00	0	0	0	0	5	6	4	1	0	0	0	0	0	0	0	16	32-41	11
03:00	0	0	0	0	4	12	4	0	0	0	0	0	0	0	0	20	34-43	16
04:00	1	0	0	5	13	29	21	3	3	2	0	0	0	0	0	77	35-44	47
05:00	0	0	0	14	110	167	43	6	0	0	0	0	0	0	0	340	32-41	255
06:00	0	0	12	79	366	236	35	2	0	0	0	0	0	0	0	730	30-39	551
07:00	0	2	18	105	396	260	49	2	1	0	0	0	0	0	0	833	30-39	604
08:00	3	7	9	74	239	218	47	1	0	0	0	0	0	0	0	598	31-40	413
09:00	1	2	3	34	172	161	41	1	1	0	0	0	0	0	0	416	31-40	301
10:00	0	2	5	55	148	107	34	4	1	0	0	0	0	0	0	356	30-39	237
11:00	1	0	3	37	124	136	14	1	0	0	0	0	0	0	0	316	31-40	234
12 PM	2	0	7	61	187	106	13	1	0	0	0	0	0	0	0	377	30-39	274
13:00	1	1	3	47	162	111	21	0	0	0	0	0	0	0	0	346	30-39	251
14:00	1	2	4	51	190	126	25	4	0	0	0	0	0	0	0	403	30-39	290
15:00	1	0	4	41	189	153	35	2	0	0	0	0	0	0	0	425	31-40	309
16:00	1	0	9	58	168	159	43	2	0	0	0	0	0	0	0	440	31-40	299
17:00	1	0	0	36	205	189	31	2	0	0	0	0	0	0	0	464	31-40	354
18:00	0	1	5	40	146	131	24	2	1	0	0	0	0	0	0	350	31-40	251
19:00	0	1	5	25	84	82	20	0	0	0	0	0	0	0	0	217	31-40	151
20:00	0	0	0	9	63	60	10	3	0	0	0	0	0	0	0	145	31-40	111
21:00	0	0	0	10	34	37	14	1	0	0	0	0	0	0	0	96	32-41	65
22:00	0	0	0	2	31	38	15	2	0	0	0	0	0	0	0	88	32-41	64
23:00	0	0	0	1	8	19	9	1	0	0	0	0	0	0	0	38	34-43	28
Total	13	18	87	786	3050	2554	555	42	7	2	0	0	0	0	0	7114		
Percent	0.2%	0.3%	1.2%	11.0%	42.9%	35.9%	7.8%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	07:00	07:00	07:00	07:00	07:00	05:00	04:00	04:00						07:00		
Vol.	3	7	18	105	396	260	49	6	3	2						833		
PM Peak	12:00	14:00	16:00	12:00	17:00	17:00	16:00	14:00	18:00							17:00		
Vol.	2	2	9	61	205	189	43	4	1							464		
Total	13	18	87	786	3050	2554	555	42	7	2	0	0	0	0	0	7114		
Percent	0.2%	0.3%	1.2%	11.0%	42.9%	35.9%	7.8%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 29 MPH
50th Percentile : 34 MPH
85th Percentile : 39 MPH
95th Percentile : 42 MPH

Stats 10 MPH Pace Speed : 31-40 MPH
Number in Pace : 5079

Percent in Pace :	71.4%
Number of Vehicles > 30 MPH :	5922
Percent of Vehicles > 30 MPH :	83.2%
Mean Speed(Average) :	35 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 3

Community: Lancaster

Street: Main St (Rt 117)

Location: W. of Lunenburg Rd (Rt 70)

Functional Class: U-3

Site Code: 1472015536

Station ID:

West

Latitude: 0' 0.000 Undefined

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
08/25/15	0	0	0	1	10	19	16	2	0	0	0	0	0	0	0	48	34-43	33
01:00	0	0	0	0	1	7	8	0	0	0	0	0	0	0	0	16	37-46	13
02:00	0	0	0	0	1	6	7	2	0	0	0	0	0	0	0	16	36-45	12
03:00	0	0	1	0	0	3	1	1	0	0	0	0	0	0	0	6	34-43	4
04:00	0	0	0	1	5	13	14	1	0	0	0	0	0	0	0	34	36-45	24
05:00	0	0	0	1	22	34	24	5	0	0	0	0	0	0	0	86	34-43	57
06:00	0	0	0	8	29	98	65	9	0	0	0	0	0	0	0	209	35-44	151
07:00	0	0	1	21	69	177	77	9	0	0	0	0	0	0	0	354	34-43	251
08:00	0	2	1	4	90	187	78	6	0	0	0	0	0	0	0	368	33-42	271
09:00	0	1	0	7	108	182	62	6	0	0	0	0	0	0	0	366	32-41	272
10:00	1	3	0	15	104	190	64	5	0	0	0	0	0	0	0	382	33-42	276
11:00	1	2	3	26	95	179	66	4	0	0	0	0	0	0	0	376	33-42	261
12 PM	1	1	1	10	113	214	59	3	0	0	0	0	0	0	0	402	32-41	305
13:00	0	1	2	19	132	235	73	5	0	0	0	0	0	0	0	467	32-41	344
14:00	0	0	1	24	146	246	85	4	0	0	0	0	0	0	0	506	32-41	368
15:00	0	0	1	14	161	404	140	6	0	0	0	0	0	0	0	726	33-42	557
16:00	0	0	6	17	212	469	191	27	2	1	0	0	0	0	0	925	33-42	673
17:00	1	0	5	19	172	468	196	8	0	2	0	0	0	0	0	871	34-43	654
18:00	1	3	8	15	116	327	160	20	2	0	1	0	0	0	0	653	34-43	468
19:00	0	0	0	1	90	196	76	5	1	0	0	0	0	0	0	369	33-42	280
20:00	0	0	0	6	57	151	80	9	0	0	0	0	0	0	0	303	34-43	222
21:00	0	0	0	1	33	82	52	10	0	0	0	0	0	0	0	178	35-44	127
22:00	0	0	0	7	20	56	44	7	1	0	0	0	0	0	0	135	35-44	92
23:00	0	0	0	2	18	42	19	8	1	0	0	0	0	0	0	90	34-43	61
Total	5	13	30	219	1804	3985	1657	162	7	3	1	0	0	0	0	7886		
Percent	0.1%	0.2%	0.4%	2.8%	22.9%	50.5%	21.0%	2.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	11:00	11:00	09:00	10:00	08:00	06:00								10:00		
Vol.	1	3	3	26	108	190	78	9								382		
PM Peak	12:00	18:00	18:00	14:00	16:00	16:00	17:00	16:00	16:00	17:00	18:00					16:00		
Vol.	1	3	8	24	212	469	196	27	2	2	1					925		
Total	5	13	30	219	1804	3985	1657	162	7	3	1	0	0	0	0	7886		
Percent	0.1%	0.2%	0.4%	2.8%	22.9%	50.5%	21.0%	2.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 32 MPH
50th Percentile : 37 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Stats 10 MPH Pace Speed : 33-42 MPH
Number in Pace : 5723

Percent in Pace :	72.6%
Number of Vehicles > 30 MPH :	7419
Percent of Vehicles > 30 MPH :	94.1%
Mean Speed(Average) :	38 MPH

Community: Lancaster

Street: Main St (Rt 117)

Location: W. of Lunenburg Rd (Rt 70)

Functional Class: U-3

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

Site Code: 1472015536

Station ID:

Latitude: 0' 0.000 Undefined

East, 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	
08/25/15	0	0	0	3	13	28	19	3	0	0	0	0	0	0	66	34-43	45	
01:00	0	0	0	0	4	9	8	0	0	0	0	0	0	0	21	35-44	16	
02:00	0	0	0	0	6	12	11	3	0	0	0	0	0	0	32	36-45	21	
03:00	0	0	1	0	4	15	5	1	0	0	0	0	0	0	26	34-43	20	
04:00	1	0	0	6	18	42	35	4	3	2	0	0	0	0	111	35-44	71	
05:00	0	0	0	15	132	201	67	11	0	0	0	0	0	0	426	32-41	310	
06:00	0	0	12	87	395	334	100	11	0	0	0	0	0	0	939	31-40	664	
07:00	0	2	19	126	465	437	126	11	1	0	0	0	0	0	1187	31-40	823	
08:00	3	9	10	78	329	405	125	7	0	0	0	0	0	0	966	32-41	667	
09:00	1	3	3	41	280	343	103	7	1	0	0	0	0	0	782	32-41	567	
10:00	1	5	5	70	252	297	98	9	1	0	0	0	0	0	738	31-40	501	
11:00	2	2	6	63	219	315	80	5	0	0	0	0	0	0	692	32-41	489	
12 PM	3	1	8	71	300	320	72	4	0	0	0	0	0	0	779	31-40	561	
13:00	1	2	5	66	294	346	94	5	0	0	0	0	0	0	813	31-40	581	
14:00	1	2	5	75	336	372	110	8	0	0	0	0	0	0	909	31-40	644	
15:00	1	0	5	55	350	557	175	8	0	0	0	0	0	0	1151	32-41	844	
16:00	1	0	15	75	380	628	234	29	2	1	0	0	0	0	1365	32-41	950	
17:00	2	0	5	55	377	657	227	10	0	2	0	0	0	0	1335	32-41	973	
18:00	1	4	13	55	262	458	184	22	3	0	1	0	0	0	1003	33-42	687	
19:00	0	1	5	26	174	278	96	5	1	0	0	0	0	0	586	32-41	423	
20:00	0	0	0	15	120	211	90	12	0	0	0	0	0	0	448	33-42	319	
21:00	0	0	0	11	67	119	66	11	0	0	0	0	0	0	274	33-42	186	
22:00	0	0	0	9	51	94	59	9	1	0	0	0	0	0	223	34-43	150	
23:00	0	0	0	3	26	61	28	9	1	0	0	0	0	0	128	34-43	88	
Total	18	31	117	1005	4854	6539	2212	204	14	5	1	0	0	0	15000			
Percent	0.1%	0.2%	0.8%	6.7%	32.4%	43.6%	14.7%	1.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	08:00	08:00	07:00	07:00	07:00	07:00	07:00	05:00	04:00	04:00					07:00			
Vol.	3	9	19	126	465	437	126	11	3	2					1187			
PM Peak	12:00	18:00	16:00	14:00	16:00	17:00	16:00	16:00	18:00	17:00	18:00				16:00			
Vol.	3	4	15	75	380	657	234	29	3	2	1				1365			
Total	18	31	117	1005	4854	6539	2212	204	14	5	1	0	0	0	15000			
Percent	0.1%	0.2%	0.8%	6.7%	32.4%	43.6%	14.7%	1.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%				
			15th Percentile :		30 MPH													
			50th Percentile :		36 MPH													
			85th Percentile :		40 MPH													
			95th Percentile :		43 MPH													

Stats

10 MPH Pace Speed : 32-41 MPH
Number in Pace : 10517

Percent in Pace :	70.1%
Number of Vehicles > 30 MPH :	13341
Percent of Vehicles > 30 MPH :	88.9%
Mean Speed(Average) :	36 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 1

Community: Lancaster

Street: Main St (Rt 117)

Location: W. of Main St (Rt 70)

Functional Class:

Site Code: 1472015545

Station ID:

Latitude: 0' 0.0000 Undefined

West

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
08/25/15	0	1	3	18	26	12	3	0	0	0	0	0	0	0	63	28-37	41
01:00	0	1	0	11	11	3	0	0	0	0	0	0	0	0	26	27-36	19
02:00	0	0	3	3	10	3	1	0	0	0	0	0	0	0	20	29-38	13
03:00	0	0	1	3	7	1	0	0	0	0	0	0	0	0	12	28-37	9
04:00	0	0	2	11	18	7	3	0	0	0	0	0	0	0	41	28-37	27
05:00	0	1	4	48	69	28	0	0	0	0	0	0	0	0	150	27-36	109
06:00	0	0	18	92	177	44	4	0	0	0	0	0	0	0	335	27-36	251
07:00	1	2	37	186	209	36	3	0	1	0	0	0	0	0	475	26-35	355
08:00	0	0	54	214	197	46	2	0	0	0	0	0	0	0	513	26-35	374
09:00	1	2	50	206	184	44	2	0	0	0	0	0	0	0	489	26-35	353
10:00	11	20	57	200	210	39	3	0	0	0	0	0	0	0	540	26-35	360
11:00	0	3	63	186	209	29	1	0	0	0	0	0	0	0	491	26-35	358
12 PM	5	5	51	261	221	47	1	0	0	0	1	0	0	0	592	26-35	431
13:00	1	4	64	244	270	47	1	0	0	0	0	0	0	0	631	26-35	464
14:00	0	0	61	271	324	31	0	0	0	0	0	0	0	0	687	26-35	535
15:00	2	2	54	339	479	79	3	0	0	0	0	0	0	0	958	27-36	737
16:00	0	9	81	523	588	54	0	0	0	0	0	0	0	0	1255	26-35	990
17:00	3	11	87	423	573	76	1	0	0	0	0	0	0	0	1174	26-35	890
18:00	2	0	44	312	461	106	4	0	0	0	0	0	0	0	929	27-36	706
19:00	0	0	19	183	292	52	0	0	0	0	0	0	0	0	546	27-36	433
20:00	0	2	20	136	208	42	2	0	0	0	0	0	0	0	410	27-36	313
21:00	0	0	6	72	129	44	3	0	0	0	0	0	0	0	254	28-37	190
22:00	0	0	2	64	99	24	0	2	0	0	0	0	0	0	191	27-36	150
23:00	0	0	5	24	67	16	3	0	0	0	0	0	0	0	115	28-37	88
Total	26	63	786	4030	5038	910	40	2	1	0	1	0	0	0	10897		
Percent	0.2%	0.6%	7.2%	37.0%	46.2%	8.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	11:00	08:00	10:00	08:00	06:00		07:00						10:00		
Vol.	11	20	63	214	210	46	4		1						540		
PM Peak	12:00	17:00	17:00	16:00	16:00	18:00	18:00	22:00			12:00				16:00		
Vol.	5	11	87	523	588	106	4	2			1				1255		
Total	26	63	786	4030	5038	910	40	2	1	0	1	0	0	0	10897		
Percent	0.2%	0.6%	7.2%	37.0%	46.2%	8.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 25 MPH
 50th Percentile : 30 MPH
 85th Percentile : 34 MPH
 95th Percentile : 37 MPH

Stats
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 8144
 Percent in Pace : 74.7%
 Number of Vehicles > 35 MPH : 954

Percent of Vehicles > 35 MPH :	8.8%
Mean Speed(Average) :	31 MPH

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

Site Code: 1472015545
Station ID:

Latitude: 0' 0.0000 Undefined

East	Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
	08/25/15	0	0	3	3	15	8	1	0	0	0	0	0	0	0	30	30-39	21
	01:00	0	0	1	4	2	4	1	0	0	0	0	0	0	0	12	24-33	6
	02:00	0	0	1	3	9	5	2	0	0	0	0	0	0	0	20	30-39	13
	03:00	0	0	0	3	8	15	1	0	0	0	0	0	0	0	27	31-40	21
	04:00	0	1	0	4	50	36	11	4	0	0	0	0	0	0	106	31-40	77
	05:00	0	0	1	44	284	156	21	1	0	0	0	0	0	1	508	30-39	403
	06:00	14	32	80	195	511	176	3	0	0	0	0	0	0	0	1011	28-37	680
	07:00	0	23	105	292	460	144	13	0	0	0	0	0	0	0	1037	27-36	695
	08:00	7	9	77	172	381	126	10	0	0	0	0	0	0	0	782	28-37	528
	09:00	1	4	28	108	325	144	11	0	0	0	0	0	0	0	621	29-38	453
	10:00	0	4	37	146	259	93	8	0	0	0	0	0	0	0	547	28-37	382
	11:00	2	4	19	134	247	111	9	0	0	0	2	0	0	0	528	28-37	369
	12 PM	0	2	35	117	301	92	3	1	0	0	0	0	0	0	551	28-37	407
	13:00	0	0	10	101	289	121	11	0	0	0	0	0	0	0	532	29-38	402
	14:00	0	11	37	130	297	94	4	0	0	0	0	0	1	0	574	28-37	409
	15:00	0	0	21	129	312	132	14	0	0	0	0	0	0	0	608	29-38	443
	16:00	0	2	17	104	296	151	9	0	0	0	0	1	0	0	580	29-38	427
	17:00	0	0	15	110	329	160	21	0	0	0	0	0	0	0	635	29-38	469
	18:00	0	1	6	72	279	133	7	1	1	0	0	0	0	0	500	29-38	387
	19:00	0	0	5	73	194	84	5	1	0	0	0	0	1	0	363	29-38	274
	20:00	0	0	2	56	124	53	5	0	0	0	0	0	0	0	240	28-37	179
	21:00	0	1	2	39	92	38	5	0	0	0	0	0	0	0	177	29-38	130
	22:00	0	0	1	17	73	39	13	1	0	0	0	0	0	0	144	30-39	104
	23:00	0	0	3	12	29	29	4	0	0	0	0	0	0	0	77	30-39	53
	Total	24	94	506	2068	5166	2144	192	9	1	0	2	1	2	1	10210		
	Percent	0.2%	0.9%	5.0%	20.3%	50.6%	21.0%	1.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	06:00	06:00	07:00	07:00	06:00	06:00	05:00	04:00			11:00			05:00	07:00		
	Vol.	14	32	105	292	511	176	21	4			2			1	1037		
	PM Peak		14:00	14:00	14:00	17:00	17:00	17:00	12:00	18:00			16:00	14:00		17:00		
	Vol.		11	37	130	329	160	21	1	1			1	1		635		
	Total	24	94	506	2068	5166	2144	192	9	1	0	2	1	2	1	10210		
	Percent	0.2%	0.9%	5.0%	20.3%	50.6%	21.0%	1.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
				15th Percentile :		27 MPH												
				50th Percentile :		32 MPH												
				85th Percentile :		36 MPH												
				95th Percentile :		39 MPH												
	Stats		10 MPH Pace Speed :		29-38 MPH													
			Number in Pace :		7233													
			Percent in Pace :		70.8%													
			Number of Vehicles > 35 MPH :		2352													

Percent of Vehicles > 35 MPH :	23.0%
Mean Speed(Average) :	32 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Main St (Rt 117)

Location: W. of Main St (Rt 70)

Functional Class:

Site Code: 1472015545

Station ID:

Latitude: 0' 0.0000 Undefined

West, East	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
08/25/15	0	1	6	21	41	20	4	0	0	0	0	0	0	0	93	29-38	61
01:00	0	1	1	15	13	7	1	0	0	0	0	0	0	0	38	27-36	25
02:00	0	0	4	6	19	8	3	0	0	0	0	0	0	0	40	29-38	26
03:00	0	0	1	6	15	16	1	0	0	0	0	0	0	0	39	31-40	28
04:00	0	1	2	15	68	43	14	4	0	0	0	0	0	0	147	30-39	102
05:00	0	1	5	92	353	184	21	1	0	0	0	0	0	1	658	30-39	501
06:00	14	32	98	287	688	220	7	0	0	0	0	0	0	0	1346	28-37	929
07:00	1	25	142	478	669	180	16	0	1	0	0	0	0	0	1512	27-36	1045
08:00	7	9	131	386	578	172	12	0	0	0	0	0	0	0	1295	27-36	888
09:00	2	6	78	314	509	188	13	0	0	0	0	0	0	0	1110	27-36	772
10:00	11	24	94	346	469	132	11	0	0	0	0	0	0	0	1087	27-36	735
11:00	2	7	82	320	456	140	10	0	0	0	2	0	0	0	1019	27-36	714
12 PM	5	7	86	378	522	139	4	1	0	0	1	0	0	0	1143	27-36	820
13:00	1	4	74	345	559	168	12	0	0	0	0	0	0	0	1163	27-36	840
14:00	0	11	98	401	621	125	4	0	0	0	0	0	1	0	1261	27-36	931
15:00	2	2	75	468	791	211	17	0	0	0	0	0	0	0	1566	27-36	1167
16:00	0	11	98	627	884	205	9	0	0	0	0	1	0	0	1835	27-36	1374
17:00	3	11	102	533	902	236	22	0	0	0	0	0	0	0	1809	27-36	1326
18:00	2	1	50	384	740	239	11	1	1	0	0	0	0	0	1429	28-37	1064
19:00	0	0	24	256	486	136	5	1	0	0	0	0	1	0	909	27-36	695
20:00	0	2	22	192	332	95	7	0	0	0	0	0	0	0	650	27-36	488
21:00	0	1	8	111	221	82	8	0	0	0	0	0	0	0	431	28-37	320
22:00	0	0	3	81	172	63	13	3	0	0	0	0	0	0	335	28-37	246
23:00	0	0	8	36	96	45	7	0	0	0	0	0	0	0	192	29-38	137
Total	50	157	1292	6098	10204	3054	232	11	2	0	3	1	2	1	21107		
Percent	0.2%	0.7%	6.1%	28.9%	48.3%	14.5%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	06:00	07:00	07:00	06:00	06:00	05:00	04:00	07:00		11:00			05:00	07:00		
Vol.	14	32	142	478	688	220	21	4	1		2			1	1512		
PM Peak	12:00	14:00	17:00	16:00	17:00	18:00	17:00	22:00	18:00		12:00	16:00	14:00		16:00		
Vol.	5	11	102	627	902	239	22	3	1		1	1	1		1835		
Total	50	157	1292	6098	10204	3054	232	11	2	0	3	1	2	1	21107		
Percent	0.2%	0.7%	6.1%	28.9%	48.3%	14.5%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
			15th Percentile :		26 MPH												
			50th Percentile :		31 MPH												
			85th Percentile :		35 MPH												
			95th Percentile :		38 MPH												

Stats
 10 MPH Pace Speed : 27-36 MPH
 Number in Pace : 15131
 Percent in Pace : 71.7%
 Number of Vehicles > 35 MPH : 3306

Percent of Vehicles > 35 MPH :	15.7%
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:Lancaster

Street:Seven Bridge Road

Location:E. of Main St. (Rt. 70)

Functional Class:U-3

Site Code: 1472015555

Station ID:

East Latitude: 0' 0.000 Undefined

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/22/15	0	0	0	0	2	7	7	0	0	0	0	0	0	0	0	16	35-44	13
01:00	0	0	0	1	8	3	0	0	0	0	0	0	0	0	0	12	30-39	10
02:00	0	0	0	1	3	5	2	1	0	0	0	0	0	0	0	12	32-41	8
03:00	0	0	0	0	5	11	6	3	0	0	0	0	0	0	0	25	34-43	17
04:00	0	0	0	0	7	45	28	6	5	0	0	0	0	0	0	91	35-44	66
05:00	0	0	0	3	117	299	54	9	0	0	0	0	0	0	0	482	33-42	391
06:00	0	0	3	103	426	345	38	1	0	0	0	0	0	0	0	916	30-39	697
07:00	25	27	39	87	335	300	42	2	0	0	0	0	0	0	0	857	31-40	553
08:00	2	0	7	30	191	288	49	2	0	0	0	0	0	0	0	569	32-41	433
09:00	0	0	1	21	135	229	57	4	0	0	0	0	0	0	0	447	32-41	337
10:00	0	0	0	18	129	169	39	4	0	0	0	0	0	0	0	359	32-41	270
11:00	0	0	0	25	133	181	44	0	0	0	0	0	0	0	0	383	32-41	286
12 PM	0	0	0	13	132	167	33	2	0	0	0	0	0	0	0	347	32-41	269
13:00	0	0	0	42	143	172	40	2	0	0	0	0	0	0	0	399	31-40	287
14:00	21	15	12	30	129	148	23	0	0	0	0	0	0	0	0	378	31-40	235
15:00	0	0	10	43	151	197	36	3	0	0	0	0	0	0	0	440	31-40	316
16:00	0	0	1	9	124	184	74	3	0	0	0	0	0	0	0	395	32-41	289
17:00	0	0	0	26	89	227	56	1	0	0	0	0	0	0	0	399	33-42	303
18:00	1	0	0	5	85	175	41	0	0	0	0	0	0	0	0	307	32-41	242
19:00	0	0	0	4	74	112	15	8	0	0	0	0	0	0	0	213	32-41	168
20:00	0	0	0	11	57	71	20	4	0	0	0	0	0	0	0	163	32-41	117
21:00	0	0	0	0	27	68	23	5	0	0	0	0	0	0	0	123	33-42	93
22:00	0	0	0	2	19	30	17	3	0	0	0	0	0	0	0	71	33-42	48
23:00	0	0	0	1	7	6	8	1	0	0	0	0	0	0	0	23	34-43	14
Total	49	42	73	475	2528	3439	752	64	5	0	0	0	0	0	0	7427		
Percent	0.7%	0.6%	1.0%	6.4%	34.0%	46.3%	10.1%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	06:00	06:00	06:00	09:00	05:00	04:00							06:00		
Vol.	25	27	39	103	426	345	57	9	5							916		
PM Peak	14:00	14:00	14:00	15:00	15:00	17:00	16:00	19:00								15:00		
Vol.	21	15	12	43	151	227	74	8								440		
Total	49	42	73	475	2528	3439	752	64	5	0	0	0	0	0	0	7427		
Percent	0.7%	0.6%	1.0%	6.4%	34.0%	46.3%	10.1%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 30 MPH
50th Percentile : 35 MPH
85th Percentile : 40 MPH
95th Percentile : 42 MPH

Stats 10 MPH Pace Speed : 32-41 MPH
Number in Pace : 5379

Percent in Pace :	72.4%
Number of Vehicles > 35 MPH :	4117
Percent of Vehicles > 35 MPH :	55.4%
Mean Speed(Average) :	36 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 3

Community:Lancaster

Street:Seven Bridge Road

Location:E. of Main St. (Rt. 70)

Functional Class:U-3

Site Code: 1472015555

Station ID:

West

Latitude: 0' 0.000 Undefined

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
09/22/15	0	1	1	2	13	17	17	2	0	0	0	0	0	0	0	53	35-44	32
01:00	0	0	0	0	4	10	8	1	0	0	0	0	0	0	0	23	35-44	17
02:00	0	0	0	4	6	4	4	0	0	0	0	0	0	0	0	18	29-38	10
03:00	0	0	0	0	3	5	3	1	0	0	0	0	0	0	0	12	33-42	8
04:00	0	0	0	1	7	8	8	5	0	0	0	0	0	0	0	29	34-43	16
05:00	0	0	0	3	22	46	13	2	0	0	0	0	0	0	0	86	33-42	64
06:00	0	0	0	10	70	125	23	5	0	0	0	0	0	0	0	233	32-41	179
07:00	1	3	5	32	158	176	33	1	0	0	0	0	0	0	0	409	31-40	300
08:00	0	0	7	27	158	163	38	0	0	0	0	0	0	0	0	393	31-40	290
09:00	0	0	1	21	140	163	45	5	0	0	0	0	0	0	0	375	31-40	275
10:00	0	0	2	9	144	169	24	4	0	0	0	0	0	0	0	352	31-40	279
11:00	0	0	4	30	108	167	35	1	0	0	0	0	0	0	0	345	32-41	252
12 PM	0	2	7	27	164	145	28	2	0	0	0	0	0	0	0	375	31-40	278
13:00	0	0	0	24	133	184	60	2	0	0	0	0	0	0	0	403	32-41	293
14:00	9	7	16	27	137	140	35	4	0	0	0	1	0	1	0	377	31-40	244
15:00	0	13	69	202	362	236	29	0	0	0	0	0	2	0	0	913	29-38	581
16:00	0	1	1	64	432	440	71	6	1	0	0	0	0	0	0	1016	31-40	783
17:00	0	0	2	88	457	461	71	3	0	0	0	0	0	0	0	1082	31-40	827
18:00	0	0	1	37	318	367	60	5	1	0	0	0	0	0	0	789	31-40	614
19:00	0	4	18	8	112	201	42	2	0	0	0	0	0	0	0	387	32-41	287
20:00	0	0	1	30	106	123	34	1	0	0	0	0	0	0	0	295	31-40	209
21:00	0	0	0	1	49	108	29	3	1	0	0	0	0	0	0	191	33-42	149
22:00	0	0	0	5	36	48	29	3	2	0	0	0	0	0	0	123	33-42	81
23:00	0	0	0	0	13	42	31	8	1	1	0	0	0	0	0	96	35-44	67
Total	10	31	135	652	3152	3548	770	66	6	1	0	1	2	1	0	8375		
Percent	0.1%	0.4%	1.6%	7.8%	37.6%	42.4%	9.2%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	08:00	07:00	07:00	07:00	09:00	04:00								07:00		
Vol.	1	3	7	32	158	176	45	5								409		
PM Peak	14:00	15:00	15:00	15:00	17:00	17:00	16:00	23:00	22:00	23:00		14:00	15:00	14:00	17:00			
Vol.	9	13	69	202	457	461	71	8	2	1		1	2	1	1082			
Total	10	31	135	652	3152	3548	770	66	6	1	0	1	2	1	0	8375		
Percent	0.1%	0.4%	1.6%	7.8%	37.6%	42.4%	9.2%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 30 MPH
50th Percentile : 35 MPH
85th Percentile : 39 MPH
95th Percentile : 42 MPH

Stats 10 MPH Pace Speed : 31-40 MPH
Number in Pace : 6050

Percent in Pace :	72.2%
Number of Vehicles > 35 MPH :	4334
Percent of Vehicles > 35 MPH :	51.8%
Mean Speed(Average) :	35 MPH

East, West																Latitude: 0 0.000 Undefined		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace	
09/22/15	0	1	1	2	15	24	24	2	0	0	0	0	0	0	69	35-44	45	
01:00	0	0	0	1	12	13	8	1	0	0	0	0	0	0	35	32-41	24	
02:00	0	0	0	5	9	9	6	1	0	0	0	0	0	0	30	32-41	17	
03:00	0	0	0	0	8	16	9	4	0	0	0	0	0	0	37	34-43	25	
04:00	0	0	0	1	14	53	36	11	5	0	0	0	0	0	120	35-44	82	
05:00	0	0	0	6	139	345	67	11	0	0	0	0	0	0	568	33-42	455	
06:00	0	0	3	113	496	470	61	6	0	0	0	0	0	0	1149	31-40	871	
07:00	26	30	44	119	493	476	75	3	0	0	0	0	0	0	1266	31-40	852	
08:00	2	0	14	57	349	451	87	2	0	0	0	0	0	0	962	32-41	720	
09:00	0	0	2	42	275	392	102	9	0	0	0	0	0	0	822	32-41	611	
10:00	0	0	2	27	273	338	63	8	0	0	0	0	0	0	711	32-41	548	
11:00	0	0	4	55	241	348	79	1	0	0	0	0	0	0	728	32-41	538	
12 PM	0	2	7	40	296	312	61	4	0	0	0	0	0	0	722	31-40	546	
13:00	0	0	0	66	276	356	100	4	0	0	0	0	0	0	802	32-41	578	
14:00	30	22	28	57	266	288	58	4	0	0	0	1	0	1	755	31-40	479	
15:00	0	13	79	245	513	433	65	3	0	0	0	0	2	0	1353	30-39	879	
16:00	0	1	2	73	556	624	145	9	1	0	0	0	0	0	1411	31-40	1064	
17:00	0	0	2	114	546	688	127	4	0	0	0	0	0	0	1481	31-40	1115	
18:00	1	0	1	42	403	542	101	5	1	0	0	0	0	0	1096	32-41	852	
19:00	0	4	18	12	186	313	57	10	0	0	0	0	0	0	600	32-41	454	
20:00	0	0	1	41	163	194	54	5	0	0	0	0	0	0	458	31-40	326	
21:00	0	0	0	1	76	176	52	8	1	0	0	0	0	0	314	33-42	242	
22:00	0	0	0	7	55	78	46	6	2	0	0	0	0	0	194	33-42	129	
23:00	0	0	0	1	20	48	39	9	1	1	0	0	0	0	119	35-44	81	
Total	59	73	208	1127	5680	6987	1522	130	11	1	0	1	2	1	15802			
Percent	0.4%	0.5%	1.3%	7.1%	35.9%	44.2%	9.6%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	07:00	07:00	07:00	07:00	06:00	07:00	09:00	04:00	04:00						07:00			
Vol.	26	30	44	119	496	476	102	11	5						1266			
PM Peak	14:00	14:00	15:00	15:00	16:00	17:00	16:00	19:00	22:00	23:00		14:00	15:00	14:00	17:00			
Vol.	30	22	79	245	556	688	145	10	2	1		1	2	1	1481			
Total	59	73	208	1127	5680	6987	1522	130	11	1	0	1	2	1	15802			
Percent	0.4%	0.5%	1.3%	7.1%	35.9%	44.2%	9.6%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%				
			15th Percentile :		30 MPH													
			50th Percentile :		35 MPH													
			85th Percentile :		39 MPH													
			95th Percentile :		42 MPH													
Stats		10 MPH Pace Speed :		31-40 MPH														
		Number in Pace :		11405														

Percent in Pace :	72.2%
Number of Vehicles > 35 MPH :	8452
Percent of Vehicles > 35 MPH :	53.5%
Mean Speed(Average) :	36 MPH

Stats	10 MPH Pace Speed :	37-46 MPH
	Number in Pace :	1632
	Percent in Pace :	69.4%
	Number of Vehicles > 40 MPH :	1326
	Percent of Vehicles > 40 MPH :	56.4%
	Mean Speed(Average) :	41 MPH

Page 3

1427R Water Street

Fitchburg, MA 01420

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

Community:Lancaster

Street: Still River Rd

Location: N.E. of High St.

Functional Class:U-3

Site Code: 00000000014720151231

[illegible]

Latitude: 0' 0.0000 Undefined

Southwest	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	
09/01/15	0	0	0	0	0	4	2	0	1	1	0	0	0	0	8	36-45	5	
01:00	0	0	0	0	0	0	1	5	0	0	0	0	0	0	6	42-51	6	
02:00	0	0	0	0	2	2	2	0	0	0	0	0	0	0	6	34-43	4	
03:00	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	41-50	4	
04:00	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	34-43	3	
05:00	0	0	0	0	4	12	8	0	1	0	0	0	0	0	25	35-44	19	
06:00	0	0	0	0	5	26	19	4	1	0	0	0	0	0	55	35-44	41	
07:00	0	2	0	0	5	35	57	30	4	1	0	0	0	0	134	38-47	89	
08:00	0	0	0	1	9	30	40	16	0	1	0	0	0	0	97	37-46	65	
09:00	0	1	1	1	9	35	36	18	0	0	0	0	0	0	101	37-46	66	
10:00	0	1	2	1	13	60	52	27	2	3	0	0	0	0	161	36-45	103	
11:00	1	1	1	2	14	54	59	15	1	2	0	0	0	0	150	36-45	102	
12 PM	0	0	1	4	11	55	64	8	1	0	0	0	0	0	144	36-45	107	
13:00	1	0	1	0	3	47	35	15	0	0	0	0	0	0	102	36-45	74	
14:00	0	1	1	2	8	61	71	32	7	2	0	1	0	0	186	37-46	122	
15:00	0	0	0	1	12	44	97	23	3	1	0	0	0	0	181	37-46	133	
16:00	0	1	0	0	7	66	113	23	4	0	0	0	0	0	214	37-46	164	
17:00	0	1	0	0	19	97	144	37	4	0	0	0	0	0	302	37-46	221	
18:00	1	1	0	0	20	67	81	22	3	0	0	0	0	0	195	36-45	134	
19:00	0	1	0	3	14	54	61	17	0	1	0	0	0	0	151	36-45	105	
20:00	0	0	0	0	7	33	15	7	1	0	0	0	0	0	63	35-44	45	
21:00	0	0	0	0	6	21	17	1	1	0	0	1	0	0	47	35-44	35	
22:00	0	0	0	0	3	5	6	1	0	1	0	0	0	0	16	36-45	10	
23:00	0	0	0	0	1	4	6	2	0	0	0	0	0	0	13	38-47	9	
Total	3	10	7	15	172	815	988	305	34	13	0	2	0	0	2364			
Percent	0.1%	0.4%	0.3%	0.6%	7.3%	34.5%	41.8%	12.9%	1.4%	0.5%	0.0%	0.1%	0.0%	0.0%				
AM Peak	11:00	07:00	10:00	11:00	11:00	10:00	11:00	07:00	07:00	10:00					10:00			
Vol.	1	2	2	2	14	60	59	30	4	3					161			
PM Peak	13:00	14:00	12:00	12:00	18:00	17:00	17:00	17:00	14:00	14:00		14:00			17:00			
Vol.	1	1	1	4	20	97	144	37	7	2		1			302			
Total	3	10	7	15	172	815	988	305	34	13	0	2	0	0	2364			
Percent	0.1%	0.4%	0.3%	0.6%	7.3%	34.5%	41.8%	12.9%	1.4%	0.5%	0.0%	0.1%	0.0%	0.0%				
			15th Percentile :			35 MPH												
			50th Percentile :			40 MPH												
			85th Percentile :			45 MPH												
			95th Percentile :			49 MPH												

Stats	10 MPH Pace Speed :	37-46 MPH
	Number in Pace :	1643
	Percent in Pace :	69.5%
	Number of Vehicles > 40 MPH :	1342
	Percent of Vehicles > 40 MPH :	56.8%
	Mean Speed(Average) :	41 MPH

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community:Lancaster

Street:Still River Rd

Location:N.E. of High St.

Functional Class:U-3

Site Code: 00000000014720151231

Station ID: 00000000000000000000

Latitude: 0' 0.0000 Undefined

Northeast, Southwest

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
09/01/15	0	0	0	0	0	4	7	0	1	1	0	0	0	0	13	36-45	10
01:00	0	0	0	0	0	1	2	5	0	0	0	0	0	0	8	43-52	6
02:00	0	0	0	0	3	2	2	0	0	0	0	0	0	0	7	31-40	5
03:00	0	0	0	0	2	1	2	2	0	0	0	0	0	0	7	39-48	4
04:00	0	0	0	0	1	6	11	2	2	1	0	0	0	0	23	37-46	16
05:00	0	0	0	0	10	36	45	11	2	0	0	0	0	0	104	36-45	74
06:00	0	2	0	0	14	82	101	26	1	0	1	0	0	0	227	37-46	165
07:00	0	3	0	0	30	150	171	76	6	1	0	0	0	0	437	37-46	297
08:00	0	1	0	2	22	64	118	41	0	1	0	0	0	0	249	38-47	172
09:00	0	1	1	1	19	81	84	30	2	1	0	0	0	0	220	36-45	151
10:00	1	1	2	1	27	115	101	42	2	3	0	0	0	0	295	36-45	197
11:00	4	1	1	5	26	90	114	22	1	2	0	0	0	0	266	36-45	183
12 PM	0	0	1	4	29	97	115	22	6	0	0	0	0	0	274	36-45	193
13:00	2	0	1	0	14	100	87	33	0	0	0	0	0	0	237	36-45	169
14:00	0	2	1	3	19	110	128	53	12	3	0	1	0	0	332	37-46	219
15:00	0	0	0	1	22	97	156	43	5	2	0	0	0	0	326	37-46	235
16:00	0	1	0	0	18	129	183	46	8	0	0	0	0	0	385	37-46	285
17:00	0	1	0	0	27	160	243	70	8	0	0	0	0	0	509	37-46	372
18:00	1	1	0	0	29	108	123	46	5	0	0	0	0	0	313	37-46	211
19:00	0	1	0	7	25	89	97	24	0	2	0	0	0	0	245	36-45	169
20:00	0	0	0	0	13	48	29	12	3	0	0	0	0	0	105	35-44	72
21:00	0	0	0	1	13	36	27	5	1	0	0	1	0	0	84	35-44	58
22:00	0	0	0	0	5	11	13	2	0	1	0	0	0	0	32	35-44	22
23:00	0	0	0	0	2	7	7	3	0	0	0	0	0	0	19	35-44	13
Total	8	15	7	25	370	1624	1966	616	65	18	1	2	0	0	4717		
Percent	0.2%	0.3%	0.1%	0.5%	7.8%	34.4%	41.7%	13.1%	1.4%	0.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	07:00	10:00	11:00	07:00	07:00	07:00	07:00	07:00	10:00	06:00				07:00		
Vol.	4	3	2	5	30	150	171	76	6	3	1				437		
PM Peak	13:00	14:00	12:00	19:00	12:00	17:00	17:00	17:00	14:00	14:00		14:00			17:00		
Vol.	2	2	1	7	29	160	243	70	12	3		1			509		
Total	8	15	7	25	370	1624	1966	616	65	18	1	2	0	0	4717		
Percent	0.2%	0.3%	0.1%	0.5%	7.8%	34.4%	41.7%	13.1%	1.4%	0.4%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 35 MPH
50th Percentile : 40 MPH
85th Percentile : 45 MPH
95th Percentile : 48 MPH

Stats	10 MPH Pace Speed :	37-46 MPH
	Number in Pace :	3275
	Percent in Pace :	69.4%
	Number of Vehicles > 40 MPH :	2668
	Percent of Vehicles > 40 MPH :	56.6%
	Mean Speed(Average) :	41 MPH

APPENDIX F – Classification Data

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster
Street: Main St (Rt. 117)
Location: E. of I-190
Functional Class: R-3

Site Code: 14720131172

Station ID:

Latitude: 0' 0.0000 Undefined

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
05/28/13	0	17	2	0	0	0	0	0	0	0	0	0	0	0	19
01:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
02:00	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
03:00	0	19	4	0	0	0	0	0	1	0	0	0	0	0	24
04:00	1	54	5	1	2	2	0	0	0	1	1	0	0	0	67
05:00	3	237	56	0	9	1	0	5	5	0	0	0	0	1	317
06:00	6	627	113	2	28	6	0	3	4	0	0	0	0	17	806
07:00	10	686	95	9	19	1	1	4	7	0	0	0	0	19	851
08:00	8	471	77	1	20	1	0	2	3	0	0	0	0	23	606
09:00	3	195	43	3	8	2	0	1	2	0	0	0	0	8	265
10:00	2	261	52	5	12	3	0	6	9	0	0	0	0	7	357
11:00	1	268	40	0	9	3	1	2	2	1	0	0	0	17	344
12 PM	2	268	50	3	13	1	2	3	4	0	0	0	0	11	357
13:00	1	239	62	6	10	3	0	4	1	2	0	0	0	14	342
14:00	1	302	55	5	5	1	1	2	0	0	0	0	0	19	391
15:00	1	339	70	6	11	1	0	1	1	1	0	0	0	12	443
16:00	7	312	53	0	13	2	0	2	2	0	0	0	0	15	406
17:00	8	358	41	1	8	0	0	5	1	0	0	0	0	16	438
18:00	4	259	31	1	1	0	0	1	2	0	0	0	0	14	313
19:00	11	180	25	0	10	3	0	4	5	0	0	0	0	9	247
20:00	0	184	21	2	0	4	0	1	0	0	0	0	0	2	214
21:00	2	118	15	0	2	0	0	0	0	0	0	0	0	2	139
22:00	1	98	2	0	1	0	0	0	0	0	0	0	0	0	102
23:00	0	31	0	0	0	0	0	0	0	0	0	0	0	0	31
Total	72	5532	916	45	181	34	5	46	50	5	1	0	0	206	7093
Percent	1.0%	78.0%	12.9%	0.6%	2.6%	0.5%	0.1%	0.6%	0.7%	0.1%	0.0%	0.0%	0.0%	2.9%	
AM Peak	07:00	07:00	06:00	07:00	06:00	06:00	07:00	10:00	10:00	04:00	04:00			08:00	
Vol.	10	686	113	9	28	6	1	6	9	1	1			23	
PM Peak	19:00	17:00	15:00	13:00	12:00	20:00	12:00	17:00	19:00	13:00				14:00	
Vol.	11	358	70	6	13	4	2	5	5	2				19	
Grand Total	72	5532	916	45	181	34	5	46	50	5	1	0	0	206	7093
Percent	1.0%	78.0%	12.9%	0.6%	2.6%	0.5%	0.1%	0.6%	0.7%	0.1%	0.0%	0.0%	0.0%	2.9%	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Main St (Rt. 117)

Location: E. of I-190

Functional Class: R-3

Site Code: 14720131172

Station ID:

Latitude: 0' 0.0000 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
05/28/13	0	31	2	0	1	0	0	0	0	0	0	0	0	0	34
01:00	0	6	3	1	1	0	0	0	1	0	0	0	0	0	12
02:00	0	12	1	0	1	0	1	0	2	0	0	0	0	0	17
03:00	1	9	2	0	1	0	0	0	1	0	1	0	0	0	15
04:00	0	10	10	0	2	2	0	2	2	0	0	0	0	0	28
05:00	0	54	19	1	4	1	0	0	2	1	0	0	0	5	87
06:00	0	137	38	1	12	2	1	2	6	0	0	0	0	17	216
07:00	1	279	49	3	6	1	0	2	1	1	0	0	0	21	364
08:00	6	329	60	4	7	6	0	4	2	2	0	0	0	30	450
09:00	1	178	43	2	10	1	0	3	4	0	0	0	0	13	255
10:00	3	209	72	2	17	4	0	3	8	0	0	0	0	13	331
11:00	1	216	42	3	14	4	0	3	7	0	0	0	0	16	306
12 PM	1	262	72	3	16	6	0	4	6	1	0	0	0	6	377
13:00	0	278	42	8	15	4	0	6	8	0	0	0	0	21	382
14:00	2	327	77	4	14	6	0	0	9	0	0	0	0	10	449
15:00	2	576	133	7	21	9	0	4	1	0	0	0	0	25	778
16:00	8	631	122	1	19	4	0	2	4	0	0	0	0	19	810
17:00	6	630	90	3	12	0	0	0	0	0	0	0	0	27	768
18:00	4	512	85	1	8	2	0	1	1	0	0	0	0	13	627
19:00	4	264	43	0	6	2	0	5	1	0	0	0	0	4	329
20:00	5	188	27	1	2	0	0	1	2	0	0	0	0	3	229
21:00	0	140	17	0	1	0	0	0	0	0	0	0	0	4	162
22:00	0	104	7	0	4	0	0	0	1	0	0	0	0	0	116
23:00	0	82	11	3	0	0	0	0	3	0	0	0	0	1	100
Total	45	5464	1067	48	194	54	2	42	72	5	1	0	0	248	7242
Percent	0.6%	75.4%	14.7%	0.7%	2.7%	0.7%	0.0%	0.6%	1.0%	0.1%	0.0%	0.0%	0.0%	3.4%	
AM Peak	08:00	08:00	10:00	08:00	10:00	08:00	02:00	08:00	10:00	08:00	03:00			08:00	
Vol.	6	329	72	4	17	6	1	4	8	2	1			30	
PM Peak	16:00	16:00	15:00	13:00	15:00	15:00		13:00	14:00	12:00				17:00	
Vol.	8	631	133	8	21	9		6	9	1				27	
Grand Total	45	5464	1067	48	194	54	2	42	72	5	1	0	0	248	7242
Percent	0.6%	75.4%	14.7%	0.7%	2.7%	0.7%	0.0%	0.6%	1.0%	0.1%	0.0%	0.0%	0.0%	3.4%	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster
Street: Main St (Rt. 117)
Location: E. of I-190
Functional Class: R-3

Site Code: 14720131172

Station ID:

Latitude: 0' 0.0000 Undefined

East, 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
05/28/13	0	48	4	0	1	0	0	0	0	0	0	0	0	0	53
01:00	0	11	5	1	1	0	0	0	1	0	0	0	0	0	19
02:00	0	16	3	0	1	0	1	0	3	0	0	0	0	0	24
03:00	1	28	6	0	1	0	0	0	2	0	1	0	0	0	39
04:00	1	64	15	1	4	4	0	2	2	1	1	0	0	0	95
05:00	3	291	75	1	13	2	0	5	7	1	0	0	0	6	404
06:00	6	764	151	3	40	8	1	5	10	0	0	0	0	34	1022
07:00	11	965	144	12	25	2	1	6	8	1	0	0	0	40	1215
08:00	14	800	137	5	27	7	0	6	5	2	0	0	0	53	1056
09:00	4	373	86	5	18	3	0	4	6	0	0	0	0	21	520
10:00	5	470	124	7	29	7	0	9	17	0	0	0	0	20	688
11:00	2	484	82	3	23	7	1	5	9	1	0	0	0	33	650
12 PM	3	530	122	6	29	7	2	7	10	1	0	0	0	17	734
13:00	1	517	104	14	25	7	0	10	9	2	0	0	0	35	724
14:00	3	629	132	9	19	7	1	2	9	0	0	0	0	29	840
15:00	3	915	203	13	32	10	0	5	2	1	0	0	0	37	1221
16:00	15	943	175	1	32	6	0	4	6	0	0	0	0	34	1216
17:00	14	988	131	4	20	0	0	5	1	0	0	0	0	43	1206
18:00	8	771	116	2	9	2	0	2	3	0	0	0	0	27	940
19:00	15	444	68	0	16	5	0	9	6	0	0	0	0	13	576
20:00	5	372	48	3	2	4	0	2	2	0	0	0	0	5	443
21:00	2	258	32	0	3	0	0	0	0	0	0	0	0	6	301
22:00	1	202	9	0	5	0	0	0	1	0	0	0	0	0	218
23:00	0	113	11	3	0	0	0	0	3	0	0	0	0	1	131
Total	117	10996	1983	93	375	88	7	88	122	10	2	0	0	454	14335
Percent	0.8%	76.7%	13.8%	0.6%	2.6%	0.6%	0.0%	0.6%	0.9%	0.1%	0.0%	0.0%	0.0%	3.2%	
AM Peak	08:00	07:00	06:00	07:00	06:00	06:00	02:00	10:00	10:00	08:00	03:00			08:00	
Vol.	14	965	151	12	40	8	1	9	17	2	1			53	
PM Peak	16:00	17:00	15:00	13:00	15:00	15:00	12:00	13:00	12:00	13:00				17:00	
Vol.	15	988	203	14	32	10	2	10	10	2				43	
Grand Total	117	10996	1983	93	375	88	7	88	122	10	2	0	0	454	14335
Percent	0.8%	76.7%	13.8%	0.6%	2.6%	0.6%	0.0%	0.6%	0.9%	0.1%	0.0%	0.0%	0.0%	3.2%	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St. (117)
 Location: W. of Lunenburg Rd.
 Function Class: U-3

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

Site Code: 1472013536
 Station ID:

Latitude: 0' 0.0000 Undefined

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
05/28/13	1	4	0	0	0	0	0	0	0	0	0	0	0	28	33
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
02:00	3	2	2	0	0	0	0	0	0	0	0	0	0	10	17
03:00	0	9	2	0	0	0	0	0	0	0	0	0	0	10	21
04:00	1	31	2	0	2	0	0	0	1	0	0	0	0	27	64
05:00	1	151	61	1	10	0	0	3	1	0	0	1	0	66	295
06:00	7	532	136	11	42	6	0	4	2	1	0	0	0	17	758
07:00	10	638	117	12	21	4	1	5	4	0	0	1	0	28	841
08:00	7	486	110	2	18	2	0	2	3	0	0	0	0	23	653
09:00	6	248	77	3	12	3	0	4	2	0	0	0	0	21	376
10:00	2	186	58	6	18	4	0	4	5	0	0	0	0	7	290
11:00	1	221	66	2	14	1	0	4	4	0	0	0	0	12	325
12 PM	0	220	66	2	17	2	2	3	3	0	0	0	0	17	332
13:00	3	177	77	8	9	6	0	2	6	0	0	0	0	8	296
14:00	6	241	87	8	18	1	0	2	2	0	0	0	0	12	377
15:00	1	232	86	4	14	3	0	2	2	0	0	0	0	21	365
16:00	6	233	74	2	18	2	0	4	2	0	0	0	0	17	358
17:00	4	291	62	0	17	0	0	5	1	0	0	0	0	24	404
18:00	3	186	48	0	3	0	0	2	1	0	0	0	0	18	261
19:00	2	141	25	0	8	0	0	6	6	0	0	0	0	8	196
20:00	0	136	33	1	4	5	1	1	0	0	0	0	0	10	191
21:00	2	97	26	0	5	0	0	0	1	0	0	0	0	2	133
22:00	1	80	11	0	1	0	0	0	0	0	0	0	0	0	93
23:00	0	27	2	0	0	0	0	0	0	0	0	0	0	0	29
Total	67	4569	1228	62	251	39	4	53	46	1	0	2	0	403	6725
Percent	1.0%	67.9%	18.3%	0.9%	3.7%	0.6%	0.1%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	6.0%	
AM Peak	07:00	07:00	06:00	07:00	06:00	06:00	07:00	07:00	10:00	06:00		05:00		05:00	
Vol.	10	638	136	12	42	6	1	5	5	1		1		66	
PM Peak	14:00	17:00	14:00	13:00	14:00	13:00	12:00	19:00	13:00					17:00	
Vol.	6	291	87	8	18	6	2	6	6					24	
Grand Total	67	4569	1228	62	251	39	4	53	46	1	0	2	0	403	6725
Percent	1.0%	67.9%	18.3%	0.9%	3.7%	0.6%	0.1%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	6.0%	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St. (117)
 Location: W. of Lunenburg Rd.
 Function Class: U-3

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

Site Code: 1472013536
 Station ID:

Latitude: 0' 0.0000 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
05/28/13	0	1	1	0	0	0	0	0	0	0	0	0	0	5	7
01:00	0	1	0	1	0	0	0	0	0	0	0	0	0	2	4
02:00	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4
03:00	0	4	1	0	0	0	0	1	1	0	0	0	0	3	10
04:00	0	1	3	0	2	0	0	0	1	0	0	0	0	5	12
05:00	0	24	10	2	6	1	0	0	0	0	0	0	0	14	57
06:00	1	90	52	3	16	1	1	3	3	0	0	0	0	15	185
07:00	2	210	78	6	10	1	0	0	1	1	0	0	0	25	334
08:00	6	231	88	15	14	2	0	4	6	3	0	0	0	19	388
09:00	1	193	65	3	14	3	0	4	10	2	0	0	0	24	319
10:00	0	148	86	3	30	2	0	4	9	0	0	0	0	9	291
11:00	1	179	54	7	21	2	0	3	6	1	0	0	0	8	282
12 PM	1	202	88	5	25	6	0	4	6	2	0	0	0	8	347
13:00	9	224	65	1	40	5	0	1	3	1	0	0	0	6	355
14:00	4	286	95	7	21	1	0	6	7	0	0	0	0	16	443
15:00	9	428	161	10	39	6	0	3	0	0	0	0	0	27	683
16:00	2	551	145	6	24	1	0	5	7	0	0	0	0	30	771
17:00	6	550	111	3	17	0	0	2	0	0	0	0	0	31	720
18:00	5	441	106	0	13	2	0	3	1	0	0	0	0	25	596
19:00	7	214	62	0	12	2	0	3	0	0	0	0	0	8	308
20:00	5	176	40	0	9	1	0	2	2	0	0	0	0	4	239
21:00	0	130	36	0	1	0	0	0	0	0	0	0	0	0	167
22:00	0	87	22	0	4	0	0	0	1	0	0	0	0	0	114
23:00	0	77	17	3	0	0	0	0	4	0	0	0	0	0	101
Total	59	4449	1388	75	319	36	1	48	68	10	0	0	0	284	6737
Percent	0.9%	66.0%	20.6%	1.1%	4.7%	0.5%	0.0%	0.7%	1.0%	0.1%	0.0%	0.0%	0.0%	4.2%	
AM Peak	08:00	08:00	08:00	08:00	10:00	09:00	06:00	08:00	09:00	08:00				07:00	
Vol.	6	231	88	15	30	3	1	4	10	3				25	
PM Peak	13:00	16:00	15:00	15:00	13:00	12:00		14:00	14:00	12:00				17:00	
Vol.	9	551	161	10	40	6		6	7	2				31	
Grand Total	59	4449	1388	75	319	36	1	48	68	10	0	0	0	284	6737
Percent	0.9%	66.0%	20.6%	1.1%	4.7%	0.5%	0.0%	0.7%	1.0%	0.1%	0.0%	0.0%	0.0%	4.2%	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St. (117)
 Location: W. of Lunenburg Rd.
 Function Class: U-3

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

Site Code: 1472013536
 Station ID:

Latitude: 0' 0.0000 Undefined

East, 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
05/28/13	1	5	1	0	0	0	0	0	0	0	0	0	0	33	40
01:00	0	1	0	1	0	0	0	0	0	0	0	0	0	19	21
02:00	3	3	4	0	1	0	0	0	0	0	0	0	0	10	21
03:00	0	13	3	0	0	0	0	1	1	0	0	0	0	13	31
04:00	1	32	5	0	4	0	0	0	2	0	0	0	0	32	76
05:00	1	175	71	3	16	1	0	3	1	0	0	1	0	80	352
06:00	8	622	188	14	58	7	1	7	5	1	0	0	0	32	943
07:00	12	848	195	18	31	5	1	5	5	1	0	1	0	53	1175
08:00	13	717	198	17	32	4	0	6	9	3	0	0	0	42	1041
09:00	7	441	142	6	26	6	0	8	12	2	0	0	0	45	695
10:00	2	334	144	9	48	6	0	8	14	0	0	0	0	16	581
11:00	2	400	120	9	35	3	0	7	10	1	0	0	0	20	607
12 PM	1	422	154	7	42	8	2	7	9	2	0	0	0	25	679
13:00	12	401	142	9	49	11	0	3	9	1	0	0	0	14	651
14:00	10	527	182	15	39	2	0	8	9	0	0	0	0	28	820
15:00	10	660	247	14	53	9	0	5	2	0	0	0	0	48	1048
16:00	8	784	219	8	42	3	0	9	9	0	0	0	0	47	1129
17:00	10	841	173	3	34	0	0	7	1	0	0	0	0	55	1124
18:00	8	627	154	0	16	2	0	5	2	0	0	0	0	43	857
19:00	9	355	87	0	20	2	0	9	6	0	0	0	0	16	504
20:00	5	312	73	1	13	6	1	3	2	0	0	0	0	14	430
21:00	2	227	62	0	6	0	0	0	1	0	0	0	0	2	300
22:00	1	167	33	0	5	0	0	0	1	0	0	0	0	0	207
23:00	0	104	19	3	0	0	0	0	4	0	0	0	0	0	130
Total	126	9018	2616	137	570	75	5	101	114	11	0	2	0	687	13462
Percent	0.9%	67.0%	19.4%	1.0%	4.2%	0.6%	0.0%	0.8%	0.8%	0.1%	0.0%	0.0%	0.0%	5.1%	
AM Peak	08:00	07:00	08:00	07:00	06:00	06:00	06:00	09:00	10:00	08:00		05:00		05:00	
Vol.	13	848	198	18	58	7	1	8	14	3		1		80	
PM Peak	13:00	17:00	15:00	14:00	15:00	13:00	12:00	16:00	12:00	12:00				17:00	
Vol.	12	841	247	15	53	11	2	9	9	2				55	
Grand Total	126	9018	2616	137	570	75	5	101	114	11	0	2	0	687	13462
Percent	0.9%	67.0%	19.4%	1.0%	4.2%	0.6%	0.0%	0.8%	0.8%	0.1%	0.0%	0.0%	0.0%	5.1%	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472013530

Station ID:

North																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		
06/17/13	0	11	1	0	0	0	0	0	0	0	0	0	0	0	12		
01:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9		
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5		
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4		
04:00	1	19	9	0	1	0	0	0	0	2	0	0	0	0	32		
05:00	1	103	25	0	1	0	3	0	1	0	0	0	0	1	135		
06:00	6	222	46	2	9	1	3	2	1	0	1	0	0	4	297		
07:00	3	249	35	2	6	3	2	3	0	1	0	0	0	10	314		
08:00	6	226	53	1	5	3	2	1	2	0	0	0	0	7	306		
09:00	3	164	32	0	5	7	1	0	1	0	0	0	0	4	217		
10:00	1	142	25	1	7	2	4	1	1	0	0	0	0	4	188		
11:00	1	156	22	0	3	10	2	0	2	0	0	0	0	8	204		
12 PM	2	148	24	0	3	4	1	2	2	0	0	0	0	9	195		
13:00	8	178	25	1	6	5	0	1	2	0	0	0	0	8	234		
14:00	9	202	29	1	5	2	0	1	3	0	0	0	0	7	259		
15:00	8	212	35	2	7	2	1	1	2	0	0	0	0	12	282		
16:00	2	213	27	1	6	3	0	1	0	0	0	0	0	14	267		
17:00	4	226	32	0	2	1	0	0	0	0	0	0	0	8	273		
18:00	0	175	15	0	2	0	0	0	0	0	0	0	0	7	199		
19:00	1	151	14	0	1	0	0	0	0	0	0	0	0	3	170		
20:00	0	102	15	0	1	0	0	0	0	0	0	0	0	3	121		
21:00	0	78	6	0	0	0	0	0	1	0	0	0	0	0	85		
22:00	0	50	6	0	1	0	0	0	0	0	0	0	0	0	57		
23:00	0	25	3	0	0	0	0	0	0	0	0	0	0	0	28		
Total	56	3069	480	11	71	43	19	13	18	3	1	0	0	109	3893		
Percent	1.4%	78.8%	12.3%	0.3%	1.8%	1.1%	0.5%	0.3%	0.5%	0.1%	0.0%	0.0%	0.0%	2.8%			
AM Peak	06:00	07:00	08:00	06:00	06:00	11:00	10:00	07:00	08:00	04:00	06:00			07:00			
Vol.	6	249	53	2	9	10	4	3	2	2	1			10			
PM Peak	14:00	17:00	15:00	15:00	15:00	13:00	12:00	12:00	14:00					16:00			
Vol.	9	226	35	2	7	5	1	2	3					14			

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Page 2

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472013530

Station ID:

North

Latitude: 0° 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
06/18/13	0	11	0	0	1	0	0	0	0	0	0	0	0	0	12
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
04:00	1	22	4	0	1	0	0	1	0	2	0	0	0	0	31
05:00	0	82	20	0	4	0	0	0	0	0	0	0	0	0	106
06:00	1	231	39	2	9	1	1	0	2	0	0	0	0	4	290
07:00	1	257	33	5	11	2	0	1	0	0	0	0	0	6	316
08:00	1	215	40	3	6	2	1	1	0	0	0	0	0	6	275
09:00	1	167	35	1	7	3	0	2	0	0	0	0	0	3	219
10:00	3	126	20	1	4	5	1	2	0	2	0	0	0	5	169
11:00	2	146	33	0	4	1	1	0	0	0	0	0	0	6	193
12 PM	3	158	22	1	5	5	2	0	0	0	0	0	0	0	196
13:00	0	182	39	2	5	2	2	1	4	0	0	0	0	3	240
14:00	0	215	33	2	5	6	4	1	2	0	0	0	0	3	271
15:00	0	188	52	3	7	1	0	0	0	0	0	0	0	5	256
16:00	2	202	28	1	1	1	0	1	0	1	0	0	0	5	242
17:00	0	197	31	0	4	1	0	0	1	0	0	0	0	1	235
18:00	0	212	27	0	0	0	0	0	0	0	0	0	0	6	245
19:00	0	180	19	0	3	0	0	0	0	0	0	0	0	4	206
20:00	0	163	9	0	0	0	0	0	0	0	0	0	0	0	172
21:00	0	71	6	0	0	0	0	0	0	0	0	0	0	2	79
22:00	0	49	5	0	0	0	0	0	0	0	0	0	0	1	55
23:00	0	20	3	0	0	0	0	0	0	0	0	0	0	0	23
Total	15	3107	501	21	77	30	12	10	9	5	0	0	0	60	3847
Percent	0.4%	80.8%	13.0%	0.5%	2.0%	0.8%	0.3%	0.3%	0.2%	0.1%	0.0%	0.0%	0.0%	1.6%	
AM Peak	10:00	07:00	08:00	07:00	07:00	10:00	06:00	09:00	06:00	04:00				07:00	
Vol.	3	257	40	5	11	5	1	2	2	2				6	
PM Peak	12:00	14:00	15:00	15:00	15:00	14:00	14:00	13:00	13:00	16:00				18:00	
Vol.	3	215	52	3	7	6	4	1	4	1				6	
Grand Total	71	6176	981	32	148	73	31	23	27	8	1	0	0	169	7740
Percent	0.9%	79.8%	12.7%	0.4%	1.9%	0.9%	0.4%	0.3%	0.3%	0.1%	0.0%	0.0%	0.0%	2.2%	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472013530

Station ID:

South

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
06/17/13	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
01:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
02:00	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
04:00	0	5	3	0	1	0	0	0	0	0	0	0	0	1	10
05:00	0	40	15	1	2	0	0	0	1	0	0	0	0	0	59
06:00	2	88	32	2	2	2	0	0	0	0	0	0	0	1	129
07:00	0	178	25	2	3	1	0	2	2	0	0	0	0	3	216
08:00	1	173	23	0	3	7	0	2	0	0	0	0	0	1	210
09:00	4	143	22	2	7	5	0	0	8	0	0	0	0	3	194
10:00	4	148	24	3	5	9	0	2	4	0	0	0	0	4	203
11:00	2	138	19	1	6	5	0	0	5	0	0	0	0	5	181
12 PM	1	184	20	1	0	6	0	0	6	1	0	0	0	3	222
13:00	4	173	32	0	7	2	0	0	7	0	0	0	0	3	228
14:00	8	204	35	2	11	2	1	0	5	0	0	0	0	11	279
15:00	0	318	38	2	4	8	0	1	3	0	0	0	0	7	381
16:00	3	347	39	1	9	2	0	1	0	0	0	0	0	6	408
17:00	3	343	35	0	6	0	0	0	0	0	0	0	0	26	413
18:00	1	274	32	0	5	0	0	0	1	0	0	0	0	5	318
19:00	1	149	11	0	0	1	0	0	0	0	0	0	0	6	168
20:00	0	109	6	0	0	0	0	0	0	0	0	0	0	1	116
21:00	0	78	11	0	0	0	0	0	0	0	0	0	0	1	90
22:00	0	50	3	0	0	0	0	0	0	0	0	0	0	0	53
23:00	0	44	5	0	0	0	0	0	0	0	0	0	0	0	49
Total	34	3223	433	17	71	50	1	8	42	1	0	0	0	87	3967
Percent	0.9%	81.2%	10.9%	0.4%	1.8%	1.3%	0.0%	0.2%	1.1%	0.0%	0.0%	0.0%	0.0%	2.2%	
AM Peak	09:00	07:00	06:00	10:00	09:00	10:00		07:00	09:00					11:00	
Vol.	4	178	32	3	7	9		2	8					5	
PM Peak	14:00	16:00	16:00	14:00	14:00	15:00	14:00	15:00	13:00	12:00				17:00	
Vol.	8	347	39	2	11	8	1	1	7	1				26	

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Community: Lancaster
Street: Lunenburg Rd (Rt 70)
Location: N. of Main St (Rt 117)
Functional Class: U-5

Site Code: 1472013530
Station ID:

South															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	
06/18/13	0	14	3	0	1	0	0	0	0	0	0	0	0	0	18	
01:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5	
02:00	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7	
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
04:00	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14	
05:00	0	44	10	1	1	0	0	1	1	0	0	0	0	1	59	
06:00	1	91	27	2	5	4	0	0	0	0	0	0	0	4	134	
07:00	0	169	30	2	1	0	0	0	2	0	0	0	0	3	207	
08:00	0	189	14	0	12	1	0	0	3	1	0	0	0	7	227	
09:00	2	134	18	0	6	3	0	0	7	0	0	0	0	3	173	
10:00	1	127	23	0	7	5	0	1	2	0	0	0	0	5	171	
11:00	0	124	18	2	4	2	0	1	6	0	0	0	0	1	158	
12 PM	4	154	18	0	5	8	0	1	2	0	0	0	0	2	194	
13:00	1	134	29	0	4	4	0	0	3	0	0	0	0	1	176	
14:00	1	186	47	3	7	5	0	1	2	1	0	0	0	8	261	
15:00	0	275	50	3	8	4	0	1	1	0	0	0	0	5	347	
16:00	0	341	35	1	5	0	0	0	0	0	0	0	0	5	387	
17:00	2	375	30	0	3	0	0	0	0	0	0	0	0	3	413	
18:00	0	279	20	0	5	0	0	0	0	0	0	0	0	3	307	
19:00	1	179	15	0	3	0	0	0	0	0	0	0	0	0	198	
20:00	0	130	12	0	0	0	0	0	0	0	0	0	0	0	142	
21:00	0	81	5	0	2	0	0	0	0	0	0	0	0	0	88	
22:00	0	48	4	0	0	0	0	0	0	0	0	0	0	0	52	
23:00	0	34	6	0	0	0	0	0	0	0	0	0	0	0	40	
Total	13	3129	420	14	79	36	0	6	29	2	0	0	0	51	3779	
Percent	0.3%	82.8%	11.1%	0.4%	2.1%	1.0%	0.0%	0.2%	0.8%	0.1%	0.0%	0.0%	0.0%	1.3%		
AM Peak	09:00	08:00	07:00	06:00	08:00	10:00		05:00	09:00	08:00				08:00		
Vol.	2	189	30	2	12	5		1	7	1				7		
PM Peak	12:00	17:00	15:00	14:00	15:00	12:00		12:00	13:00	14:00				14:00		
Vol.	4	375	50	3	8	8		1	3	1				8		
Grand Total	47	6352	853	31	150	86	1	14	71	3	0	0	0	138	7746	
Percent	0.6%	82.0%	11.0%	0.4%	1.9%	1.1%	0.0%	0.2%	0.9%	0.0%	0.0%	0.0%	0.0%	1.8%		

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472013530

Station ID:

North, South

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
06/17/13	0	29	4	0	0	0	0	0	0	0	0	0	0	0	33
01:00	0	18	0	0	0	0	0	0	0	0	0	0	0	0	18
02:00	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
03:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
04:00	1	24	12	0	2	0	0	0	0	2	0	0	0	1	42
05:00	1	143	40	1	3	0	3	0	2	0	0	0	0	1	194
06:00	8	310	78	4	11	3	3	2	1	0	1	0	0	5	426
07:00	3	427	60	4	9	4	2	5	2	1	0	0	0	13	530
08:00	7	399	76	1	8	10	2	3	2	0	0	0	0	8	516
09:00	7	307	54	2	12	12	1	0	9	0	0	0	0	7	411
10:00	5	290	49	4	12	11	4	3	5	0	0	0	0	8	391
11:00	3	294	41	1	9	15	2	0	7	0	0	0	0	13	385
12 PM	3	332	44	1	3	10	1	2	8	1	0	0	0	12	417
13:00	12	351	57	1	13	7	0	1	9	0	0	0	0	11	462
14:00	17	406	64	3	16	4	1	1	8	0	0	0	0	18	538
15:00	8	530	73	4	11	10	1	2	5	0	0	0	0	19	663
16:00	5	560	66	2	15	5	0	2	0	0	0	0	0	20	675
17:00	7	569	67	0	8	1	0	0	0	0	0	0	0	34	686
18:00	1	449	47	0	7	0	0	0	1	0	0	0	0	12	517
19:00	2	300	25	0	1	1	0	0	0	0	0	0	0	9	338
20:00	0	211	21	0	1	0	0	0	0	0	0	0	0	4	237
21:00	0	156	17	0	0	0	0	0	1	0	0	0	0	1	175
22:00	0	100	9	0	1	0	0	0	0	0	0	0	0	0	110
23:00	0	69	8	0	0	0	0	0	0	0	0	0	0	0	77
Total	90	6292	913	28	142	93	20	21	60	4	1	0	0	196	7860
Percent	1.1%	80.1%	11.6%	0.4%	1.8%	1.2%	0.3%	0.3%	0.8%	0.1%	0.0%	0.0%	0.0%	2.5%	
AM Peak	06:00	07:00	06:00	06:00	09:00	11:00	10:00	07:00	09:00	04:00	06:00			07:00	
Vol.	8	427	78	4	12	15	4	5	9	2	1			13	
PM Peak	14:00	17:00	15:00	15:00	14:00	12:00	12:00	12:00	13:00	12:00				17:00	
Vol.	17	569	73	4	16	10	1	2	9	1				34	

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Lunenburg Rd (Rt 70)

Location: N. of Main St (Rt 117)

Functional Class: U-5

Site Code: 1472013530

Station ID:

North, South

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
06/18/13	0	25	3	0	2	0	0	0	0	0	0	0	0	0	30
01:00	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
02:00	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
03:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
04:00	1	32	8	0	1	0	0	1	0	2	0	0	0	0	45
05:00	0	126	30	1	5	0	0	1	1	0	0	0	0	1	165
06:00	2	322	66	4	14	5	1	0	2	0	0	0	0	8	424
07:00	1	426	63	7	12	2	0	1	2	0	0	0	0	9	523
08:00	1	404	54	3	18	3	1	1	3	1	0	0	0	13	502
09:00	3	301	53	1	13	6	0	2	7	0	0	0	0	6	392
10:00	4	253	43	1	11	10	1	3	2	2	0	0	0	10	340
11:00	2	270	51	2	8	3	1	1	6	0	0	0	0	7	351
12 PM	7	312	40	1	10	13	2	1	2	0	0	0	0	2	390
13:00	1	316	68	2	9	6	2	1	7	0	0	0	0	4	416
14:00	1	401	80	5	12	11	4	2	4	1	0	0	0	11	532
15:00	0	463	102	6	15	5	0	1	1	0	0	0	0	10	603
16:00	2	543	63	2	6	1	0	1	0	1	0	0	0	10	629
17:00	2	572	61	0	7	1	0	0	1	0	0	0	0	4	648
18:00	0	491	47	0	5	0	0	0	0	0	0	0	0	9	552
19:00	1	359	34	0	6	0	0	0	0	0	0	0	0	4	404
20:00	0	293	21	0	0	0	0	0	0	0	0	0	0	0	314
21:00	0	152	11	0	2	0	0	0	0	0	0	0	0	2	167
22:00	0	97	9	0	0	0	0	0	0	0	0	0	0	1	107
23:00	0	54	9	0	0	0	0	0	0	0	0	0	0	0	63
Total	28	6236	921	35	156	66	12	16	38	7	0	0	0	111	7626
Percent	0.4%	81.8%	12.1%	0.5%	2.0%	0.9%	0.2%	0.2%	0.5%	0.1%	0.0%	0.0%	0.0%	1.5%	
AM Peak	10:00	07:00	06:00	07:00	08:00	10:00	06:00	10:00	09:00	04:00				08:00	
Vol.	4	426	66	7	18	10	1	3	7	2				13	
PM Peak	12:00	17:00	15:00	15:00	15:00	12:00	14:00	14:00	13:00	14:00				14:00	
Vol.	7	572	102	6	15	13	4	2	7	1				11	
Grand Total	118	12528	1834	63	298	159	32	37	98	11	1	0	0	307	15486
Percent	0.8%	80.9%	11.8%	0.4%	1.9%	1.0%	0.2%	0.2%	0.6%	0.1%	0.0%	0.0%	0.0%	2.0%	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 117)
 Location: E. of Lunenburg Rd
 Functional Class: U-3

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

Site Code: 1472013537
 Station ID:

Latitude: 0' 0.0000 Undefined

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	
05/28/13	0	22	2	0	3	0	0	0	0	0	0	0	0	0	27	
01:00	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10	
02:00	0	6	2	0	1	0	0	0	1	0	0	0	0	0	10	
03:00	0	22	7	0	0	0	0	0	0	0	0	0	0	0	29	
04:00	2	66	12	1	5	1	0	1	1	3	1	0	0	1	94	
05:00	7	290	110	1	23	2	0	7	2	0	0	0	1	4	447	
06:00	16	712	190	9	52	5	0	3	2	1	0	0	0	27	1017	
07:00	10	748	164	10	22	8	0	3	4	0	0	0	0	44	1013	
08:00	9	509	154	6	34	2	0	1	2	0	0	0	0	77	794	
09:00	4	336	104	4	19	3	0	0	2	0	0	1	0	40	513	
10:00	3	253	96	7	23	7	1	3	9	0	0	0	0	23	425	
11:00	1	314	82	4	25	4	0	3	7	1	0	0	0	22	463	
12 PM	4	295	87	5	16	10	1	1	4	1	0	0	0	26	450	
13:00	7	278	104	7	11	6	0	3	8	2	0	0	0	29	455	
14:00	6	360	112	9	22	8	0	5	5	0	0	0	0	31	558	
15:00	3	318	119	5	20	2	0	2	3	0	0	0	0	38	510	
16:00	5	323	88	2	18	2	0	5	1	0	0	0	0	37	481	
17:00	8	364	81	0	11	2	0	8	1	0	0	0	0	47	522	
18:00	6	295	74	0	6	0	0	3	3	0	0	0	0	32	419	
19:00	6	253	59	0	10	0	1	4	5	0	0	0	0	15	353	
20:00	3	218	50	2	7	6	1	0	1	0	0	0	0	7	295	
21:00	2	153	25	0	6	0	3	0	0	0	0	0	0	3	192	
22:00	1	114	15	0	1	0	0	0	0	0	0	0	0	1	132	
23:00	1	38	11	0	0	0	0	0	0	0	0	0	0	0	50	
Total	104	6295	1750	72	335	68	7	52	61	8	1	1	1	504	9259	
Percent	1.1%	68.0%	18.9%	0.8%	3.6%	0.7%	0.1%	0.6%	0.7%	0.1%	0.0%	0.0%	0.0%	5.4%		
AM Peak	06:00	07:00	06:00	07:00	06:00	07:00	10:00	05:00	10:00	04:00	04:00	09:00	05:00	08:00		
Vol.	16	748	190	10	52	8	1	7	9	3	1	1	1	77		
PM Peak	17:00	17:00	15:00	14:00	14:00	12:00	21:00	17:00	13:00	13:00				17:00		
Vol.	8	364	119	9	22	10	3	8	8	2				47		
Grand Total	104	6295	1750	72	335	68	7	52	61	8	1	1	1	504	9259	
Percent	1.1%	68.0%	18.9%	0.8%	3.6%	0.7%	0.1%	0.6%	0.7%	0.1%	0.0%	0.0%	0.0%	5.4%		

Montachusett Regional Planning Commission

Community: Lancaster
Street: Main St (Rt 117)
Location: E. of Lunenburg Rd
Functional Class: U-3

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

Site Code: 1472013537
Station ID:

Latitude: 0' 0.0000 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
05/28/13	0	41	3	0	2	0	0	0	0	0	0	0	0	0	46
01:00	0	16	4	1	1	0	0	0	1	0	0	0	0	0	23
02:00	0	8	2	0	0	0	1	0	2	0	0	0	0	0	13
03:00	0	9	3	0	0	2	0	2	1	0	1	0	0	0	18
04:00	0	15	15	0	4	0	0	1	3	0	0	0	0	2	40
05:00	1	72	38	2	5	1	0	1	1	0	0	0	1	10	132
06:00	0	180	59	3	14	0	1	2	3	0	0	0	0	38	300
07:00	4	303	55	3	5	3	3	1	1	1	0	0	0	78	457
08:00	6	292	60	10	15	6	0	1	2	0	0	0	0	97	489
09:00	3	292	58	5	11	7	2	5	8	2	0	0	0	39	432
10:00	0	229	93	3	15	4	0	6	11	0	0	0	0	27	388
11:00	2	260	74	6	17	12	1	3	10	1	0	0	0	30	416
12 PM	3	295	75	6	15	4	1	9	7	1	0	0	0	33	449
13:00	12	318	85	3	19	10	1	2	5	1	0	0	0	35	491
14:00	3	395	99	9	18	3	0	7	10	0	0	0	0	59	603
15:00	8	629	143	10	28	11	2	4	1	1	1	0	1	57	896
16:00	3	800	130	5	22	2	0	10	4	0	0	0	0	58	1034
17:00	10	786	117	3	15	3	0	3	1	0	1	0	0	61	1000
18:00	5	619	100	1	9	2	0	6	2	0	1	0	0	42	787
19:00	4	366	75	1	9	3	0	4	0	0	0	0	0	20	482
20:00	5	279	43	0	2	0	0	3	2	0	0	0	0	8	342
21:00	1	194	18	0	2	0	0	0	0	0	1	0	0	2	218
22:00	2	132	15	0	3	1	0	0	2	0	0	0	0	2	157
23:00	0	107	14	3	0	0	0	0	4	0	0	0	0	0	128
Total	72	6637	1378	74	231	74	12	70	81	7	5	0	2	698	9341
Percent	0.8%	71.1%	14.8%	0.8%	2.5%	0.8%	0.1%	0.7%	0.9%	0.1%	0.1%	0.0%	0.0%	7.5%	
AM Peak	08:00	07:00	10:00	08:00	11:00	11:00	07:00	10:00	10:00	09:00	03:00		05:00	08:00	
Vol.	6	303	93	10	17	12	3	6	11	2	1		1	97	
PM Peak	13:00	16:00	15:00	15:00	15:00	15:00	15:00	16:00	14:00	12:00	15:00		15:00	17:00	
Vol.	12	800	143	10	28	11	2	10	10	1	1		1	61	
Grand Total	72	6637	1378	74	231	74	12	70	81	7	5	0	2	698	9341
Percent	0.8%	71.1%	14.8%	0.8%	2.5%	0.8%	0.1%	0.7%	0.9%	0.1%	0.1%	0.0%	0.0%	7.5%	

Montachusett Regional Planning Commission

Community: Lancaster
Street: Main St (Rt 117)
Location: E. of Lunenburg Rd
Functional Class: U-3

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

Site Code: 1472013537
Station ID:

Latitude: 0' 0.0000 Undefined

East, 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	
05/28/13	0	63	5	0	5	0	0	0	0	0	0	0	0	0	73	
01:00	0	24	6	1	1	0	0	0	1	0	0	0	0	0	33	
02:00	0	14	4	0	1	0	1	0	3	0	0	0	0	0	23	
03:00	0	31	10	0	0	2	0	2	1	0	1	0	0	0	47	
04:00	2	81	27	1	9	1	0	2	4	3	1	0	0	3	134	
05:00	8	362	148	3	28	3	0	8	3	0	0	0	2	14	579	
06:00	16	892	249	12	66	5	1	5	5	1	0	0	0	65	1317	
07:00	14	1051	219	13	27	11	3	4	5	1	0	0	0	122	1470	
08:00	15	801	214	16	49	8	0	2	4	0	0	0	0	174	1283	
09:00	7	628	162	9	30	10	2	5	10	2	0	1	0	79	945	
10:00	3	482	189	10	38	11	1	9	20	0	0	0	0	50	813	
11:00	3	574	156	10	42	16	1	6	17	2	0	0	0	52	879	
12 PM	7	590	162	11	31	14	2	10	11	2	0	0	0	59	899	
13:00	19	596	189	10	30	16	1	5	13	3	0	0	0	64	946	
14:00	9	755	211	18	40	11	0	12	15	0	0	0	0	90	1161	
15:00	11	947	262	15	48	13	2	6	4	1	1	0	1	95	1406	
16:00	8	1123	218	7	40	4	0	15	5	0	0	0	0	95	1515	
17:00	18	1150	198	3	26	5	0	11	2	0	1	0	0	108	1522	
18:00	11	914	174	1	15	2	0	9	5	0	1	0	0	74	1206	
19:00	10	619	134	1	19	3	1	8	5	0	0	0	0	35	835	
20:00	8	497	93	2	9	6	1	3	3	0	0	0	0	15	637	
21:00	3	347	43	0	8	0	3	0	0	0	1	0	0	5	410	
22:00	3	246	30	0	4	1	0	0	2	0	0	0	0	3	289	
23:00	1	145	25	3	0	0	0	0	4	0	0	0	0	0	178	
Total	176	12932	3128	146	566	142	19	122	142	15	6	1	3	1202	18600	
Percent	0.9%	69.5%	16.8%	0.8%	3.0%	0.8%	0.1%	0.7%	0.8%	0.1%	0.0%	0.0%	0.0%	6.5%		
AM Peak	06:00	07:00	06:00	08:00	06:00	11:00	07:00	10:00	10:00	04:00	03:00	09:00	05:00	08:00		
Vol.	16	1051	249	16	66	16	3	9	20	3	1	1	2	174		
PM Peak	13:00	17:00	15:00	14:00	15:00	13:00	21:00	16:00	14:00	13:00	15:00		15:00	17:00		
Vol.	19	1150	262	18	48	16	3	15	15	3	1		1	108		
Grand Total	176	12932	3128	146	566	142	19	122	142	15	6	1	3	1202	18600	
Percent	0.9%	69.5%	16.8%	0.8%	3.0%	0.8%	0.1%	0.7%	0.8%	0.1%	0.0%	0.0%	0.0%	6.5%		

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 70)
 Location: S. of Seven Bridge Rd (Rt 117)
 Functional Class: U-5

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

Site Code: 1472013542
 Station ID:

Latitude: 0' 0.0000 Undefined

North

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
06/04/13	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5
04:00	0	11	1	0	1	0	0	0	0	0	0	0	0	0	13
05:00	0	37	19	1	1	0	0	0	0	0	0	0	0	0	58
06:00	3	80	23	1	4	1	1	0	0	0	0	0	0	3	116
07:00	0	194	37	4	6	2	0	0	0	0	0	0	0	19	262
08:00	1	198	36	5	8	3	0	1	0	0	0	0	0	17	269
09:00	0	147	29	0	5	2	0	0	1	0	0	0	0	3	187
10:00	1	132	30	0	4	3	0	0	1	0	0	0	0	4	175
11:00	3	149	35	1	5	1	0	1	1	0	0	0	0	3	199
12 PM	1	156	30	3	3	4	0	0	1	0	0	0	0	4	202
13:00	0	137	28	1	8	2	0	0	0	0	0	0	0	5	181
14:00	3	196	44	5	4	3	1	1	1	0	0	0	0	14	272
15:00	1	158	25	1	5	1	0	0	0	0	0	1	0	44	236
16:00	3	178	30	1	4	0	0	1	0	0	0	0	0	28	245
17:00	2	145	25	0	4	0	0	1	0	0	0	0	0	42	219
18:00	3	169	28	1	2	0	0	2	0	0	0	0	0	14	219
19:00	4	126	25	0	0	0	0	0	0	0	0	0	0	1	156
20:00	0	108	16	0	0	0	0	0	0	0	0	0	0	5	129
21:00	2	61	21	0	2	0	0	0	0	0	0	0	0	0	86
22:00	1	50	8	0	1	0	0	0	0	0	0	0	0	0	60
23:00	0	30	2	0	0	0	0	0	0	0	0	0	0	0	32
Total	28	2480	495	24	68	22	2	7	5	0	0	1	0	206	3338
Percent	0.8%	74.3%	14.8%	0.7%	2.0%	0.7%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	6.2%	
AM Peak	06:00	08:00	07:00	08:00	08:00	08:00	06:00	08:00	09:00					07:00	
Vol.	3	198	37	5	8	3	1	1	1					19	
PM Peak	19:00	14:00	14:00	14:00	13:00	12:00	14:00	18:00	12:00			15:00		15:00	
Vol.	4	196	44	5	8	4	1	2	1			1		44	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 70)
 Location: S. of Seven Bridge Rd (Rt 117)
 Functional Class: U-5

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

Site Code: 1472013542
 Station ID:

Latitude: 0' 0.0000 Undefined

North

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
06/05/13	1	10	1	0	0	0	0	0	0	0	0	0	0	0	12
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
04:00	0	6	2	0	2	0	0	0	0	0	0	0	0	0	10
05:00	0	23	20	1	1	0	0	0	0	0	0	0	0	1	46
06:00	2	80	27	0	4	1	0	1	0	0	0	0	0	2	117
07:00	1	192	31	3	4	2	0	3	0	0	0	0	0	26	262
08:00	0	191	31	5	5	2	0	1	0	0	1	0	0	17	253
09:00	0	137	35	0	6	4	0	3	1	0	0	0	0	2	188
10:00	0	133	22	0	5	6	0	1	1	0	0	0	0	5	173
11:00	2	156	22	2	4	4	0	2	1	0	0	0	0	3	196
12 PM	3	179	42	0	5	3	0	0	0	0	0	0	0	14	246
13:00	0	138	23	1	6	2	0	0	0	0	0	0	0	6	176
14:00	0	221	41	6	3	1	1	1	1	0	0	0	0	25	300
15:00	2	179	42	1	4	0	0	0	0	0	0	0	0	35	263
16:00	0	146	17	0	5	0	0	0	1	0	0	0	0	59	228
17:00	7	219	29	0	3	0	0	0	0	0	0	0	0	15	273
18:00	1	160	21	0	1	0	0	0	0	0	0	0	0	1	184
19:00	6	158	30	0	3	0	0	0	0	0	0	0	0	3	200
20:00	1	103	17	0	2	0	0	0	0	0	0	0	0	2	125
21:00	2	64	10	0	1	0	0	0	0	0	0	0	0	2	79
22:00	0	42	5	0	0	0	0	0	0	0	0	0	0	0	47
23:00	0	28	2	0	1	0	0	0	0	0	0	0	0	0	31
Total	28	2575	470	19	65	25	1	12	5	0	1	0	0	218	3419
Percent	0.8%	75.3%	13.7%	0.6%	1.9%	0.7%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	6.4%	
AM Peak	06:00	07:00	09:00	08:00	09:00	10:00		07:00	09:00		08:00			07:00	
Vol.	2	192	35	5	6	6		3	1		1			26	
PM Peak	17:00	14:00	12:00	14:00	13:00	12:00	14:00	14:00	14:00					16:00	
Vol.	7	221	42	6	6	3	1	1	1					59	
Grand Total	56	5055	965	43	133	47	3	19	10	0	1	1	0	424	6757
Percent	0.8%	74.8%	14.3%	0.6%	2.0%	0.7%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	6.3%	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 70)
 Location: S. of Seven Bridge Rd (Rt 117)
 Functional Class: U-5

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

Site Code: 1472013542
 Station ID:

Latitude: 0' 0.0000 Undefined

South

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
06/04/13	0	13	1	0	0	0	0	0	0	0	0	0	0	0	14
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
03:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
04:00	1	16	2	0	1	0	0	0	0	0	0	0	0	0	20
05:00	0	41	15	0	0	1	0	0	0	0	0	0	0	0	57
06:00	4	114	25	3	3	0	0	1	1	0	0	0	0	0	151
07:00	5	275	43	3	7	2	0	1	0	0	0	0	0	12	348
08:00	0	246	48	2	5	2	0	1	1	0	0	0	0	10	315
09:00	6	135	29	0	7	2	0	1	0	0	0	0	0	6	186
10:00	0	140	36	0	3	3	0	1	1	0	0	0	0	4	188
11:00	8	163	24	1	3	1	0	0	0	0	0	0	0	6	206
12 PM	1	180	29	1	3	4	0	1	0	0	0	0	0	6	225
13:00	2	153	31	1	4	2	1	1	1	0	0	0	0	6	202
14:00	1	228	36	4	4	4	0	1	1	0	0	0	0	11	290
15:00	8	233	46	5	3	0	0	0	0	0	0	0	0	11	306
16:00	1	200	45	0	4	1	0	0	0	0	0	0	0	11	262
17:00	3	205	24	0	5	0	0	1	0	0	0	0	0	12	250
18:00	5	190	26	0	3	0	0	0	0	0	0	0	0	6	230
19:00	0	151	12	0	1	0	0	0	0	0	0	0	0	1	165
20:00	0	116	17	0	0	0	0	0	0	0	0	0	0	5	138
21:00	3	82	13	0	0	0	0	0	0	0	0	0	0	0	98
22:00	0	65	4	0	0	0	0	0	0	0	0	0	0	0	69
23:00	0	28	1	0	0	0	0	0	0	0	0	0	0	0	29
Total	48	2986	509	20	56	22	1	9	5	0	0	0	0	107	3763
Percent	1.3%	79.4%	13.5%	0.5%	1.5%	0.6%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	2.8%	
AM Peak	11:00	07:00	08:00	06:00	07:00	10:00		06:00	06:00					07:00	
Vol.	8	275	48	3	7	3		1	1					12	
PM Peak	15:00	15:00	15:00	15:00	17:00	12:00	13:00	12:00	13:00					17:00	
Vol.	8	233	46	5	5	4	1	1	1					12	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 70)
 Location: S. of Seven Bridge Rd (Rt 117)
 Functional Class: U-5

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

Site Code: 1472013542
 Station ID:

Latitude: 0' 0.0000 Undefined

South

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
06/05/13	0	10	2	0	1	0	0	0	0	0	0	0	0	0	13
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2
03:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
04:00	1	15	2	0	0	0	0	0	0	0	0	0	0	0	18
05:00	0	42	9	0	1	0	0	0	0	0	0	0	0	1	53
06:00	3	126	19	2	5	0	0	1	0	0	0	0	0	4	160
07:00	3	308	45	4	4	0	1	2	1	0	0	0	0	12	380
08:00	3	245	49	1	6	3	0	2	1	0	0	0	0	11	321
09:00	2	122	38	0	2	3	0	0	1	0	0	0	0	9	177
10:00	2	127	35	0	10	4	0	0	0	0	0	0	0	7	185
11:00	2	174	23	0	4	1	0	1	1	0	0	0	0	4	210
12 PM	5	162	29	1	2	2	0	0	0	0	1	0	0	2	204
13:00	1	192	30	1	5	2	0	0	0	0	0	0	0	3	234
14:00	4	232	47	2	6	3	0	0	2	0	0	0	0	12	308
15:00	2	242	52	6	7	1	0	0	0	0	0	0	0	12	322
16:00	3	235	38	0	9	1	0	0	1	0	0	0	0	10	297
17:00	5	223	38	0	3	1	0	1	0	0	0	0	0	5	276
18:00	5	203	28	0	2	0	0	0	0	0	0	0	0	5	243
19:00	1	168	24	0	1	0	0	0	0	0	0	0	0	4	198
20:00	0	117	17	0	0	0	0	0	0	0	0	0	0	5	139
21:00	0	82	4	0	2	0	0	0	0	0	0	0	0	0	88
22:00	0	58	5	0	0	0	0	0	0	0	0	0	0	0	63
23:00	0	26	3	0	0	0	0	0	0	0	0	0	0	0	29
Total	42	3116	539	17	70	21	1	7	7	1	1	0	0	106	3928
Percent	1.1%	79.3%	13.7%	0.4%	1.8%	0.5%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	2.7%	
AM Peak	06:00	07:00	08:00	07:00	10:00	10:00	07:00	07:00	07:00	02:00				07:00	
Vol.	3	308	49	4	10	4	1	2	1	1				12	
PM Peak	12:00	15:00	15:00	15:00	16:00	14:00		17:00	14:00		12:00			14:00	
Vol.	5	242	52	6	9	3		1	2		1			12	
Grand Total	90	6102	1048	37	126	43	2	16	12	1	1	0	0	213	7691
Percent	1.2%	79.3%	13.6%	0.5%	1.6%	0.6%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	2.8%	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 70)
 Location: S. of Seven Bridge Rd (Rt 117)
 Functional Class: U-5

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

Site Code: 1472013542
 Station ID:

Latitude: 0' 0.0000 Undefined

North, South

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
06/04/13	0	23	1	0	0	0	0	0	0	0	0	0	0	0	24
01:00	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
02:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
03:00	0	4	4	0	1	0	0	0	0	0	0	0	0	0	9
04:00	1	27	3	0	2	0	0	0	0	0	0	0	0	0	33
05:00	0	78	34	1	1	1	0	0	0	0	0	0	0	0	115
06:00	7	194	48	4	7	1	1	1	1	0	0	0	0	3	267
07:00	5	469	80	7	13	4	0	1	0	0	0	0	0	31	610
08:00	1	444	84	7	13	5	0	2	1	0	0	0	0	27	584
09:00	6	282	58	0	12	4	0	1	1	0	0	0	0	9	373
10:00	1	272	66	0	7	6	0	1	2	0	0	0	0	8	363
11:00	11	312	59	2	8	2	0	1	1	0	0	0	0	9	405
12 PM	2	336	59	4	6	8	0	1	1	0	0	0	0	10	427
13:00	2	290	59	2	12	4	1	1	1	0	0	0	0	11	383
14:00	4	424	80	9	8	7	1	2	2	0	0	0	0	25	562
15:00	9	391	71	6	8	1	0	0	0	0	0	1	0	55	542
16:00	4	378	75	1	8	1	0	1	0	0	0	0	0	39	507
17:00	5	350	49	0	9	0	0	2	0	0	0	0	0	54	469
18:00	8	359	54	1	5	0	0	2	0	0	0	0	0	20	449
19:00	4	277	37	0	1	0	0	0	0	0	0	0	0	2	321
20:00	0	224	33	0	0	0	0	0	0	0	0	0	0	10	267
21:00	5	143	34	0	2	0	0	0	0	0	0	0	0	0	184
22:00	1	115	12	0	1	0	0	0	0	0	0	0	0	0	129
23:00	0	58	3	0	0	0	0	0	0	0	0	0	0	0	61
Total	76	5466	1004	44	124	44	3	16	10	0	0	1	0	313	7101
Percent	1.1%	77.0%	14.1%	0.6%	1.7%	0.6%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	4.4%	
AM Peak	11:00	07:00	08:00	07:00	07:00	10:00	06:00	08:00	10:00					07:00	
Vol.	11	469	84	7	13	6	1	2	2					31	
PM Peak	15:00	14:00	14:00	14:00	13:00	12:00	13:00	14:00	14:00			15:00		15:00	
Vol.	9	424	80	9	12	8	1	2	2			1		55	

Montachusett Regional Planning Commission

Community: Lancaster
 Street: Main St (Rt 70)
 Location: S. of Seven Bridge Rd (Rt 117)
 Functional Class: U-5

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

Site Code: 1472013542
 Station ID:

Latitude: 0' 0.0000 Undefined

North, South

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
06/05/13	1	20	3	0	1	0	0	0	0	0	0	0	0	0	25
01:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	4	0	0	0	0	0	0	0	1	0	0	0	0	5
03:00	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
04:00	1	21	4	0	2	0	0	0	0	0	0	0	0	0	28
05:00	0	65	29	1	2	0	0	0	0	0	0	0	0	2	99
06:00	5	206	46	2	9	1	0	2	0	0	0	0	0	6	277
07:00	4	500	76	7	8	2	1	5	1	0	0	0	0	38	642
08:00	3	436	80	6	11	5	0	3	1	0	1	0	0	28	574
09:00	2	259	73	0	8	7	0	3	2	0	0	0	0	11	365
10:00	2	260	57	0	15	10	0	1	1	0	0	0	0	12	358
11:00	4	330	45	2	8	5	0	3	2	0	0	0	0	7	406
12 PM	8	341	71	1	7	5	0	0	0	0	1	0	0	16	450
13:00	1	330	53	2	11	4	0	0	0	0	0	0	0	9	410
14:00	4	453	88	8	9	4	1	1	3	0	0	0	0	37	608
15:00	4	421	94	7	11	1	0	0	0	0	0	0	0	47	585
16:00	3	381	55	0	14	1	0	0	2	0	0	0	0	69	525
17:00	12	442	67	0	6	1	0	1	0	0	0	0	0	20	549
18:00	6	363	49	0	3	0	0	0	0	0	0	0	0	6	427
19:00	7	326	54	0	4	0	0	0	0	0	0	0	0	7	398
20:00	1	220	34	0	2	0	0	0	0	0	0	0	0	7	264
21:00	2	146	14	0	3	0	0	0	0	0	0	0	0	2	167
22:00	0	100	10	0	0	0	0	0	0	0	0	0	0	0	110
23:00	0	54	5	0	1	0	0	0	0	0	0	0	0	0	60
Total	70	5691	1009	36	135	46	2	19	12	1	2	0	0	324	7347
Percent	1.0%	77.5%	13.7%	0.5%	1.8%	0.6%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	4.4%	
AM Peak	06:00	07:00	08:00	07:00	10:00	10:00	07:00	07:00	09:00	02:00	08:00			07:00	
Vol.	5	500	80	7	15	10	1	5	2	1	1			38	
PM Peak	17:00	14:00	15:00	14:00	16:00	12:00	14:00	14:00	14:00		12:00			16:00	
Vol.	12	453	94	8	14	5	1	1	3		1			69	
Grand Total	146	11157	2013	80	259	90	5	35	22	1	2	1	0	637	14448
Percent	1.0%	77.2%	13.9%	0.6%	1.8%	0.6%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	4.4%	

Montachusett Regional Planning Commission

Community: Lancaster
Street: Seven Bridge Rd
Location: E. of Main St
Functional Class: U-3

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

Site Code: 1472013555
Station ID:

Latitude: 0' 0.0000 Undefined

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
05/28/13	0	17	1	0	2	0	0	0	0	0	0	0	0	0	20
01:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
02:00	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9
03:00	0	20	5	0	0	0	0	0	0	0	0	0	0	0	25
04:00	2	57	10	1	4	3	0	1	2	0	0	0	0	5	85
05:00	4	266	86	4	17	0	0	5	4	0	0	0	0	4	390
06:00	11	634	153	7	42	2	0	5	1	0	1	0	0	29	885
07:00	4	609	87	11	14	0	2	1	5	0	0	0	0	32	765
08:00	7	452	75	4	21	2	0	1	2	0	0	0	0	23	587
09:00	4	297	67	4	10	4	0	2	2	0	0	0	0	12	402
10:00	0	186	48	8	12	1	1	7	12	2	0	0	0	19	296
11:00	1	215	38	6	11	3	0	2	5	1	0	0	0	9	291
12 PM	2	208	48	5	9	4	2	2	7	0	0	0	0	8	295
13:00	5	183	63	8	8	6	0	4	5	2	0	0	0	18	302
14:00	5	235	56	6	16	3	0	3	2	0	0	0	0	25	351
15:00	3	223	58	2	11	1	0	3	1	0	0	0	0	27	329
16:00	3	211	36	2	16	2	0	1	1	0	0	0	0	20	292
17:00	5	263	47	0	9	0	0	7	1	0	0	0	0	17	349
18:00	1	199	35	0	2	0	0	0	3	0	0	0	0	12	252
19:00	4	155	25	0	6	2	1	6	2	0	0	0	0	11	212
20:00	2	132	28	4	8	3	0	0	0	0	0	0	0	7	184
21:00	2	88	13	0	2	0	1	0	0	0	0	0	0	5	111
22:00	1	58	7	0	1	0	0	0	0	0	0	0	0	0	67
23:00	0	20	5	0	0	0	0	0	0	0	0	0	0	0	25
Total	66	4742	994	72	221	36	7	50	56	5	1	0	0	283	6533
Percent	1.0%	72.6%	15.2%	1.1%	3.4%	0.6%	0.1%	0.8%	0.9%	0.1%	0.0%	0.0%	0.0%	4.3%	
AM Peak	06:00	06:00	06:00	07:00	06:00	09:00	07:00	10:00	10:00	10:00	06:00			07:00	
Vol.	11	634	153	11	42	4	2	7	12	2	1			32	
PM Peak	13:00	17:00	13:00	13:00	14:00	13:00	12:00	17:00	12:00	13:00				15:00	
Vol.	5	263	63	8	16	6	2	7	7	2				27	
Grand Total	66	4742	994	72	221	36	7	50	56	5	1	0	0	283	6533
Percent	1.0%	72.6%	15.2%	1.1%	3.4%	0.6%	0.1%	0.8%	0.9%	0.1%	0.0%	0.0%	0.0%	4.3%	

Montachusett Regional Planning Commission

Community: Lancaster
Street: Seven Bridge Rd
Location: E. of Main St
Functional Class: U-3

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

Site Code: 1472013555
Station ID:

Latitude: 0' 0.0000 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
05/28/13	0	28	4	0	2	0	0	0	0	0	0	0	0	0	34
01:00	0	13	4	1	2	0	0	0	1	0	0	0	0	0	21
02:00	0	8	2	1	1	0	1	0	0	0	0	0	0	1	14
03:00	0	7	3	1	0	1	0	1	1	0	1	0	0	0	15
04:00	0	7	10	1	4	0	0	3	1	0	0	0	0	2	28
05:00	0	38	27	1	7	1	0	0	4	0	0	0	0	5	83
06:00	0	99	42	1	8	0	1	3	4	0	0	0	0	19	177
07:00	3	221	72	5	4	1	0	0	2	1	0	0	0	19	328
08:00	6	212	66	17	17	0	0	3	4	2	0	0	0	21	348
09:00	0	166	51	5	13	9	1	8	9	2	0	0	0	10	274
10:00	1	118	72	2	16	3	0	3	15	0	0	0	0	7	237
11:00	0	147	59	8	17	4	1	4	9	1	0	0	0	13	263
12 PM	0	181	61	7	27	4	1	3	11	2	0	0	0	17	314
13:00	5	208	61	3	21	8	1	3	2	1	0	0	0	16	329
14:00	4	286	81	8	26	3	0	4	9	0	0	0	0	25	446
15:00	11	478	137	7	39	11	2	4	2	0	1	0	0	25	717
16:00	6	640	157	6	28	1	0	3	7	0	0	0	0	23	871
17:00	7	661	141	2	15	2	0	6	0	0	0	0	0	21	855
18:00	3	482	109	0	17	0	0	5	1	0	0	0	0	17	634
19:00	5	234	60	0	16	3	0	3	0	0	0	0	0	13	334
20:00	4	163	47	0	3	0	0	1	3	0	0	0	0	2	223
21:00	0	130	28	0	1	0	0	0	0	0	0	0	0	0	159
22:00	1	101	17	1	3	0	0	0	2	0	0	0	0	2	127
23:00	0	85	13	1	1	0	0	0	3	0	0	0	0	1	104
Total	56	4713	1324	78	288	51	8	57	90	9	2	0	0	259	6935
Percent	0.8%	68.0%	19.1%	1.1%	4.2%	0.7%	0.1%	0.8%	1.3%	0.1%	0.0%	0.0%	0.0%	3.7%	
AM Peak	08:00	07:00	07:00	08:00	08:00	09:00	02:00	09:00	10:00	08:00	03:00			08:00	
Vol.	6	221	72	17	17	9	1	8	15	2	1			21	
PM Peak	15:00	17:00	16:00	14:00	15:00	15:00	15:00	17:00	12:00	12:00	15:00			14:00	
Vol.	11	661	157	8	39	11	2	6	11	2	1			25	
Grand Total	56	4713	1324	78	288	51	8	57	90	9	2	0	0	259	6935
Percent	0.8%	68.0%	19.1%	1.1%	4.2%	0.7%	0.1%	0.8%	1.3%	0.1%	0.0%	0.0%	0.0%	3.7%	

Montachusett Regional Planning Commission

Community: Lancaster
Street: Seven Bridge Rd
Location: E. of Main St
Functional Class: U-3

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

Site Code: 1472013555
Station ID:

Latitude: 0' 0.0000 Undefined

East, 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	
05/28/13	0	45	5	0	4	0	0	0	0	0	0	0	0	0	54	
01:00	0	21	5	1	2	0	0	0	1	0	0	0	0	0	30	
02:00	0	14	4	1	1	0	1	0	1	0	0	0	0	1	23	
03:00	0	27	8	1	0	1	0	1	1	0	1	0	0	0	40	
04:00	2	64	20	2	8	3	0	4	3	0	0	0	0	7	113	
05:00	4	304	113	5	24	1	0	5	8	0	0	0	0	9	473	
06:00	11	733	195	8	50	2	1	8	5	0	1	0	0	48	1062	
07:00	7	830	159	16	18	1	2	1	7	1	0	0	0	51	1093	
08:00	13	664	141	21	38	2	0	4	6	2	0	0	0	44	935	
09:00	4	463	118	9	23	13	1	10	11	2	0	0	0	22	676	
10:00	1	304	120	10	28	4	1	10	27	2	0	0	0	26	533	
11:00	1	362	97	14	28	7	1	6	14	2	0	0	0	22	554	
12 PM	2	389	109	12	36	8	3	5	18	2	0	0	0	25	609	
13:00	10	391	124	11	29	14	1	7	7	3	0	0	0	34	631	
14:00	9	521	137	14	42	6	0	7	11	0	0	0	0	50	797	
15:00	14	701	195	9	50	12	2	7	3	0	1	0	0	52	1046	
16:00	9	851	193	8	44	3	0	4	8	0	0	0	0	43	1163	
17:00	12	924	188	2	24	2	0	13	1	0	0	0	0	38	1204	
18:00	4	681	144	0	19	0	0	5	4	0	0	0	0	29	886	
19:00	9	389	85	0	22	5	1	9	2	0	0	0	0	24	546	
20:00	6	295	75	4	11	3	0	1	3	0	0	0	0	9	407	
21:00	2	218	41	0	3	0	1	0	0	0	0	0	0	5	270	
22:00	2	159	24	1	4	0	0	0	2	0	0	0	0	2	194	
23:00	0	105	18	1	1	0	0	0	3	0	0	0	0	1	129	
Total	122	9455	2318	150	509	87	15	107	146	14	3	0	0	542	13468	
Percent	0.9%	70.2%	17.2%	1.1%	3.8%	0.6%	0.1%	0.8%	1.1%	0.1%	0.0%	0.0%	0.0%	4.0%		
AM Peak	08:00	07:00	06:00	08:00	06:00	09:00	07:00	09:00	10:00	08:00	03:00			07:00		
Vol.	13	830	195	21	50	13	2	10	27	2	1			51		
PM Peak	15:00	17:00	15:00	14:00	15:00	13:00	12:00	17:00	12:00	13:00	15:00			15:00		
Vol.	14	924	195	14	50	14	3	13	18	3	1			52		
Grand Total	122	9455	2318	150	509	87	15	107	146	14	3	0	0	542	13468	
Percent	0.9%	70.2%	17.2%	1.1%	3.8%	0.6%	0.1%	0.8%	1.1%	0.1%	0.0%	0.0%	0.0%	4.0%		

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Page 1

Community: Lancaster
Street: Seven Bridge Rd (Rt 117)
Location: At Bolton TL
Functional Class: U-3

Site Code: 1472013533

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	
06/04/13	2	16	5	0	1	0	0	0	0	0	0	0	0	0	24	
01:00	0	11	1	0	0	0	0	0	0	0	0	0	0	0	12	
02:00	0	4	3	0	0	1	0	0	0	0	0	0	0	0	8	
03:00	0	12	2	0	0	0	0	0	0	0	0	0	0	1	15	
04:00	1	49	10	0	6	0	0	0	1	0	0	0	0	0	67	
05:00	4	229	85	2	12	1	0	2	1	0	1	0	0	1	338	
06:00	6	618	153	5	24	2	1	5	4	0	0	0	1	17	836	
07:00	7	621	97	6	21	4	4	0	4	1	0	0	1	44	810	
08:00	4	535	87	0	17	4	0	1	2	0	0	0	0	28	678	
09:00	2	313	70	0	13	2	1	6	4	0	0	0	0	12	423	
10:00	5	220	49	1	13	6	1	3	6	0	0	0	0	14	318	
11:00	1	214	37	3	8	5	2	8	4	0	0	0	0	14	296	
12 PM	4	189	45	4	14	3	3	5	7	0	0	0	0	10	284	
13:00	2	217	51	6	15	5	1	3	0	0	0	0	0	20	320	
14:00	3	260	62	5	5	5	1	3	3	0	0	0	0	20	367	
15:00	4	256	48	1	13	9	0	0	2	1	0	0	0	23	357	
16:00	3	255	45	5	3	2	0	2	1	0	0	0	0	25	341	
17:00	2	243	47	4	7	0	0	0	0	0	0	0	0	40	343	
18:00	3	193	29	0	4	5	0	1	1	0	0	0	0	21	257	
19:00	4	172	24	0	4	2	0	2	2	0	0	0	0	9	219	
20:00	3	136	25	1	4	0	0	2	2	0	0	0	0	3	176	
21:00	1	86	12	0	3	1	0	0	1	0	0	0	0	3	107	
22:00	0	66	13	1	1	0	0	0	0	0	0	0	0	0	81	
23:00	0	25	5	0	0	0	0	0	0	0	0	0	0	1	31	
Total	61	4940	1005	44	188	57	14	43	45	2	1	0	2	306	6708	
Percent	0.9%	73.6%	15.0%	0.7%	2.8%	0.8%	0.2%	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	4.6%		
AM Peak	07:00	07:00	06:00	07:00	06:00	10:00	07:00	11:00	10:00	07:00	05:00		06:00	07:00		
Vol.	7	621	153	6	24	6	4	8	6	1	1		1	44		
PM Peak	12:00	14:00	14:00	13:00	13:00	15:00	12:00	12:00	12:00	15:00				17:00		
Vol.	4	260	62	6	15	9	3	5	7	1				40		

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Community: Lancaster
Street: Seven Bridge Rd (Rt 117)
Location: At Bolton TL
Functional Class: U-3

Site Code: 1472013533
Station ID:

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
06/05/13	0	14	1	1	0	0	0	0	0	0	0	0	0	0	16
01:00	0	7	1	0	0	0	0	0	0	0	0	0	0	1	9
02:00	0	7	2	0	0	0	0	1	0	0	0	0	0	0	10
03:00	0	18	3	0	0	0	0	1	0	0	0	0	0	1	23
04:00	3	43	11	0	3	0	0	0	0	0	0	0	0	2	62
05:00	4	238	85	4	10	0	0	3	3	0	0	0	0	3	350
06:00	14	632	160	9	25	6	1	6	4	0	0	0	0	20	877
07:00	2	658	102	8	13	3	0	8	5	0	1	1	0	35	836
08:00	8	476	80	3	21	3	1	3	4	0	0	0	0	25	624
09:00	4	262	57	5	13	1	1	2	6	0	0	0	0	21	372
10:00	4	229	43	4	12	5	2	3	4	1	0	0	0	15	322
11:00	5	216	50	5	14	8	4	1	6	0	0	0	0	15	324
12 PM	1	208	43	4	13	4	1	3	3	0	0	0	0	14	294
13:00	4	199	52	11	13	6	1	4	2	0	0	0	0	12	304
14:00	2	251	64	11	15	4	2	4	5	0	0	0	0	17	375
15:00	5	232	61	1	5	9	0	2	0	0	0	0	0	31	346
16:00	6	235	51	1	8	2	0	6	3	0	0	0	0	23	335
17:00	5	272	44	1	8	0	0	1	3	0	0	0	0	22	356
18:00	3	199	39	1	4	6	0	1	1	0	0	0	0	21	275
19:00	2	148	31	0	0	1	0	2	1	0	0	0	0	4	189
20:00	1	144	25	2	4	0	0	1	0	0	0	0	0	6	183
21:00	0	119	14	2	3	0	0	0	0	0	0	0	0	4	142
22:00	2	70	11	0	0	0	0	0	0	0	0	0	0	0	83
23:00	1	35	7	0	1	0	0	0	0	0	0	0	0	0	44
Total	76	4912	1037	73	185	58	13	52	50	1	1	1	0	292	6751
Percent	1.1%	72.8%	15.4%	1.1%	2.7%	0.9%	0.2%	0.8%	0.7%	0.0%	0.0%	0.0%	0.0%	4.3%	
AM Peak	06:00	07:00	06:00	06:00	06:00	11:00	11:00	07:00	09:00	10:00	07:00	07:00		07:00	
Vol.	14	658	160	9	25	8	4	8	6	1	1	1		35	
PM Peak	16:00	17:00	14:00	13:00	14:00	15:00	14:00	16:00	14:00					15:00	
Vol.	6	272	64	11	15	9	2	6	5					31	
Grand Total	137	9852	2042	117	373	115	27	95	95	3	2	1	2	598	13459
Percent	1.0%	73.2%	15.2%	0.9%	2.8%	0.9%	0.2%	0.7%	0.7%	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

Community: Lancaster

Street: Seven Bridge Rd (Rt 117)

Location: At Bolton TL

Functional Class: U-3

Site Code: 1472013533

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
06/04/13	1	37	4	0	1	0	0	1	0	0	0	0	0	0	44
01:00	0	27	1	1	0	0	0	0	0	0	0	0	0	1	30
02:00	0	4	1	1	1	3	0	0	0	0	0	0	0	1	11
03:00	0	6	1	0	0	4	0	0	3	0	0	0	0	3	17
04:00	0	8	5	1	1	1	0	1	2	0	1	0	0	0	20
05:00	1	45	22	0	4	1	0	1	1	0	1	0	0	2	78
06:00	0	112	22	1	12	1	0	0	1	0	0	0	0	23	172
07:00	4	246	37	5	5	5	1	1	3	0	0	0	0	42	349
08:00	11	260	41	6	9	7	0	0	10	0	0	0	0	29	373
09:00	4	196	43	1	13	4	1	0	5	1	0	0	1	30	299
10:00	7	198	51	3	22	4	0	3	3	0	0	0	0	17	308
11:00	4	188	34	5	8	13	0	1	11	0	0	0	0	16	280
12 PM	4	211	40	1	8	8	0	4	10	0	0	0	0	10	296
13:00	4	246	55	1	12	4	2	2	3	1	0	0	0	19	349
14:00	7	339	64	8	15	12	1	2	4	1	0	0	0	30	483
15:00	11	537	96	3	8	9	1	2	3	0	0	0	0	41	711
16:00	15	728	102	1	12	5	0	2	2	0	0	0	0	45	912
17:00	27	658	51	0	5	2	0	1	4	0	0	0	0	93	841
18:00	9	578	60	2	10	3	0	0	0	0	0	0	0	19	681
19:00	3	322	33	1	5	0	0	2	2	1	0	0	0	11	380
20:00	5	214	21	1	4	0	0	0	0	0	0	0	0	10	255
21:00	0	164	10	2	3	0	0	0	0	0	0	0	0	3	182
22:00	1	121	18	1	0	0	0	0	1	0	0	0	0	0	142
23:00	0	76	6	0	2	0	0	1	0	0	0	0	0	1	86
Total	118	5521	818	45	160	86	6	24	68	4	2	0	1	446	7299
Percent	1.6%	75.6%	11.2%	0.6%	2.2%	1.2%	0.1%	0.3%	0.9%	0.1%	0.0%	0.0%	0.0%	6.1%	
AM Peak	08:00	08:00	10:00	08:00	10:00	11:00	07:00	10:00	11:00	09:00	04:00		09:00	07:00	
Vol.	11	260	51	6	22	13	1	3	11	1	1		1	42	
PM Peak	17:00	16:00	16:00	14:00	14:00	14:00	13:00	12:00	12:00	13:00				17:00	
Vol.	27	728	102	8	15	12	2	4	10	1				93	

Montachusett Regional Planning Commission

1427R Water Street
Fitchburg, MA 01420

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

Page 4

Community: Lancaster
Street: Seven Bridge Rd (Rt 117)
Location: At Bolton TL
Functional Class: U-3

Site Code: 1472013533

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	
06/05/13	0	33	4	0	0	0	0	0	1	0	0	0	0	0	38	
01:00	0	17	2	1	1	1	0	0	1	0	0	0	0	2	25	
02:00	0	5	0	0	0	2	0	0	2	0	0	0	0	0	9	
03:00	0	3	0	0	0	1	0	0	0	0	1	0	0	1	6	
04:00	0	10	6	0	1	2	0	1	4	0	0	0	0	3	27	
05:00	1	44	16	0	1	6	1	0	1	1	0	0	0	7	78	
06:00	0	129	24	3	5	3	0	2	3	1	0	0	0	19	189	
07:00	2	235	36	4	3	5	0	2	5	1	1	0	0	40	334	
08:00	5	275	37	5	7	7	0	3	9	0	0	0	0	28	376	
09:00	9	210	37	4	13	7	0	0	7	0	0	0	0	19	306	
10:00	7	167	44	2	9	9	1	2	7	0	0	0	0	12	260	
11:00	7	221	33	4	9	14	0	3	3	0	0	0	0	15	309	
12 PM	3	204	48	3	17	10	0	6	10	0	0	0	0	20	321	
13:00	8	213	56	1	11	7	1	0	10	0	0	0	0	21	328	
14:00	6	330	56	5	17	13	0	2	7	1	0	0	0	29	466	
15:00	9	548	104	4	23	10	1	2	3	0	0	0	0	39	743	
16:00	15	729	110	4	14	8	0	3	5	0	0	0	0	33	921	
17:00	7	731	83	0	7	1	0	0	0	0	0	0	0	35	864	
18:00	6	534	74	1	15	0	0	2	2	0	0	0	0	32	666	
19:00	6	344	37	2	2	1	0	1	1	0	0	0	0	8	402	
20:00	5	195	21	0	4	0	0	2	2	0	0	0	0	4	233	
21:00	0	189	12	0	2	0	0	0	0	0	0	0	0	4	207	
22:00	1	111	10	1	1	0	0	0	0	0	0	0	0	5	129	
23:00	0	75	7	0	1	0	0	1	0	0	0	0	0	1	85	
Total	97	5552	857	44	163	107	4	32	83	4	2	0	0	377	7322	
Percent	1.3%	75.8%	11.7%	0.6%	2.2%	1.5%	0.1%	0.4%	1.1%	0.1%	0.0%	0.0%	0.0%	5.1%		
AM Peak	09:00	08:00	10:00	08:00	09:00	11:00	05:00	08:00	08:00	05:00	03:00			07:00		
Vol.	9	275	44	5	13	14	1	3	9	1	1			40		
PM Peak	16:00	17:00	16:00	14:00	15:00	14:00	13:00	12:00	12:00	14:00				15:00		
Vol.	15	731	110	5	23	13	1	6	10	1				39		
Grand Total	215	11073	1675	89	323	193	10	56	151	8	4	0	1	823	14621	
Percent	1.5%	75.7%	11.5%	0.6%	2.2%	1.3%	0.1%	0.4%	1.0%	0.1%	0.0%	0.0%	0.0%	5.6%		

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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

Community: Lancaster

Street: Seven Bridge Rd (Rt 117)

Location: At Bolton TL

Functional Class: U-3

Site Code: 1472013533

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	
06/04/13	3	53	9	0	2	0	0	1	0	0	0	0	0	0	68	
01:00	0	38	2	1	0	0	0	0	0	0	0	0	0	1	42	
02:00	0	8	4	1	1	4	0	0	0	0	0	0	0	1	19	
03:00	0	18	3	0	0	4	0	0	3	0	0	0	0	4	32	
04:00	1	57	15	1	7	1	0	1	3	0	1	0	0	0	87	
05:00	5	274	107	2	16	2	0	3	2	0	2	0	0	3	416	
06:00	6	730	175	6	36	3	1	5	5	0	0	0	1	40	1008	
07:00	11	867	134	11	26	9	5	1	7	1	0	0	1	86	1159	
08:00	15	795	128	6	26	11	0	1	12	0	0	0	0	57	1051	
09:00	6	509	113	1	26	6	2	6	9	1	0	0	1	42	722	
10:00	12	418	100	4	35	10	1	6	9	0	0	0	0	31	626	
11:00	5	402	71	8	16	18	2	9	15	0	0	0	0	30	576	
12 PM	8	400	85	5	22	11	3	9	17	0	0	0	0	20	580	
13:00	6	463	106	7	27	9	3	5	3	1	0	0	0	39	669	
14:00	10	599	126	13	20	17	2	5	7	1	0	0	0	50	850	
15:00	15	793	144	4	21	18	1	2	5	1	0	0	0	64	1068	
16:00	18	983	147	6	15	7	0	4	3	0	0	0	0	70	1253	
17:00	29	901	98	4	12	2	0	1	4	0	0	0	0	133	1184	
18:00	12	771	89	2	14	8	0	1	1	0	0	0	0	40	938	
19:00	7	494	57	1	9	2	0	4	4	1	0	0	0	20	599	
20:00	8	350	46	2	8	0	0	2	2	0	0	0	0	13	431	
21:00	1	250	22	2	6	1	0	0	1	0	0	0	0	6	289	
22:00	1	187	31	2	1	0	0	0	1	0	0	0	0	0	223	
23:00	0	101	11	0	2	0	0	1	0	0	0	0	0	2	117	
Total	179	10461	1823	89	348	143	20	67	113	6	3	0	3	752	14007	
Percent	1.3%	74.7%	13.0%	0.6%	2.5%	1.0%	0.1%	0.5%	0.8%	0.0%	0.0%	0.0%	0.0%	5.4%		
AM Peak	08:00	07:00	06:00	07:00	06:00	11:00	07:00	11:00	11:00	07:00	05:00		06:00	07:00		
Vol.	15	867	175	11	36	18	5	9	15	1	2		1	86		
PM Peak	17:00	16:00	16:00	14:00	13:00	15:00	12:00	12:00	12:00	13:00				17:00		
Vol.	29	983	147	13	27	18	3	9	17	1				133		

Montachusett Regional Planning Commission

1427R Water Street

Fitchburg, MA 01420

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Community: Lancaster

Street: Seven Bridge Rd (Rt 117)

Location: At Bolton TL

Functional Class: U-3

Site Code: 1472013533

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	
06/05/13	0	47	5	1	0	0	0	0	1	0	0	0	0	0	54	
01:00	0	24	3	1	1	1	0	0	1	0	0	0	0	3	34	
02:00	0	12	2	0	0	2	0	1	2	0	0	0	0	0	19	
03:00	0	21	3	0	0	1	0	1	0	0	1	0	0	2	29	
04:00	3	53	17	0	4	2	0	1	4	0	0	0	0	5	89	
05:00	5	282	101	4	11	6	1	3	4	1	0	0	0	10	428	
06:00	14	761	184	12	30	9	1	8	7	1	0	0	0	39	1066	
07:00	4	893	138	12	16	8	0	10	10	1	2	1	0	75	1170	
08:00	13	751	117	8	28	10	1	6	13	0	0	0	0	53	1000	
09:00	13	472	94	9	26	8	1	2	13	0	0	0	0	40	678	
10:00	11	396	87	6	21	14	3	5	11	1	0	0	0	27	582	
11:00	12	437	83	9	23	22	4	4	9	0	0	0	0	30	633	
12 PM	4	412	91	7	30	14	1	9	13	0	0	0	0	34	615	
13:00	12	412	108	12	24	13	2	4	12	0	0	0	0	33	632	
14:00	8	581	120	16	32	17	2	6	12	1	0	0	0	46	841	
15:00	14	780	165	5	28	19	1	4	3	0	0	0	0	70	1089	
16:00	21	964	161	5	22	10	0	9	8	0	0	0	0	56	1256	
17:00	12	1003	127	1	15	1	0	1	3	0	0	0	0	57	1220	
18:00	9	733	113	2	19	6	0	3	3	0	0	0	0	53	941	
19:00	8	492	68	2	2	2	0	3	2	0	0	0	0	12	591	
20:00	6	339	46	2	8	0	0	3	2	0	0	0	0	10	416	
21:00	0	308	26	2	5	0	0	0	0	0	0	0	0	8	349	
22:00	3	181	21	1	1	0	0	0	0	0	0	0	0	5	212	
23:00	1	110	14	0	2	0	0	1	0	0	0	0	0	1	129	
Total	173	10464	1894	117	348	165	17	84	133	5	3	1	0	669	14073	
Percent	1.2%	74.4%	13.5%	0.8%	2.5%	1.2%	0.1%	0.6%	0.9%	0.0%	0.0%	0.0%	0.0%	4.8%		
AM Peak	06:00	07:00	06:00	06:00	06:00	11:00	11:00	07:00	08:00	05:00	07:00	07:00		07:00		
Vol.	14	893	184	12	30	22	4	10	13	1	2	1		75		
PM Peak	16:00	17:00	15:00	14:00	14:00	15:00	13:00	12:00	12:00	14:00				15:00		
Vol.	21	1003	165	16	32	19	2	9	13	1				70		
Grand Total	352	20925	3717	206	696	308	37	151	246	11	6	1	3	1421	28080	
Percent	1.3%	74.5%	13.2%	0.7%	2.5%	1.1%	0.1%	0.5%	0.9%	0.0%	0.0%	0.0%	0.0%	5.1%		