

Complete Streets Prioritization Plan South Hadley, MA



March 2018



Prepared for the Town of South Hadley by the Pioneer Valley Planning Commission

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Introduction

A “Complete Street” enhances the livability of the community in which it is located by improving public safety, increasing the amount of usable public space, and making it easier for people to share the street. Streets are conventionally designed to accommodate the needs of motor vehicles. Complete streets are designed for all users and modes of transportation. This balanced approach to more fully utilizing the public right-of-way helps enhance the quality of life of residents, workers and children. It also creates a more welcoming environment for local businesses. The role of this Complete Streets Prioritization Plan is to identify the best projects that will enhance walking, biking, and transit infrastructure in the Town of South Hadley.

Massachusetts Complete Streets Program

The Massachusetts Department of Transportation (MassDOT) Complete Streets Funding Program was developed as part of the 2014 Transportation Bond Bill. The program provides technical assistance and construction funding to eligible municipalities. Municipalities must attend training, adopt a local Complete Streets Policy and develop a Prioritization Plan in order to be eligible for Complete Streets Funding.

South Hadley Complete Streets Policy

The Town of South Hadley completed Tier I of the MassDOT Complete Streets Funding Program when they developed and adopted a Complete Streets Policy for the Town. This policy was adopted by the South Hadley Board of Selectmen on June 30, 2016. A complete copy of the South Hadley Complete Streets Policy is included in the Appendix to this document.

Previous Studies

A comprehensive review was conducted of recently completed plans and studies in the Town of South Hadley. A primary source of information was the 2016 South Hadley Bicycle and Pedestrian Plan which includes a bicycle and pedestrian assessment, network gap analysis, and recommendations to improve bicycle and pedestrian accommodations in the town. The plan also includes data on current traffic volumes, high crash locations, roadway functional classification, and locations such as parks, schools, and open spaces that could generate bicycle and pedestrian travel.

In addition to the Bicycle and Pedestrian Plan, the following plans and studies were also reviewed to identify current data and potential projects to be included in the Complete Streets Prioritization Plan:

- South Hadley Complete Street Policy
- 2016 South Hadley Falls Urban Renewal Plan
- Recent MassWorks applications
- FY 2016 - 2021 South Hadley Capital Plan
- Route 33/Route 202 Roadway Safety Audit
- South Hadley Master Plan
- Pioneer Valley Transportation Improvement Program (TIP)

Main Street TIP Project

The Town of South Hadley submitted a request to the Pioneer Valley Metropolitan Planning organization (MPO) to fund a series of roadway improvements along Main Street through the Transportation Improvement Program (TIP). Currently in the early design stages, the project is estimated to cost \$3,000,000 to construct. The Town is strongly committed to the completion of the project. On January 11, 2017, Town Meeting approved the spending of \$82,000 to start the design. This money will be used with additional appropriations, Chapter 90, and/or operating budget funds to complete the design.

Located in the Falls section of South Hadley, the project begins at the Chicopee City Line and ends at Canal Street. Main Street serves as a connection to Route 33 in Chicopee and Route 116 in South Hadley/Holyoke. Main Street is located in the Falls section of South Hadley. Land uses are varied. The South Hadley Town Hall, Electric Light Department, Public Library, and Beachgrounds Park are within the project area. There are multiple commercial establishments on Main Street. Main Street also serves as a connection to the Yankee Candle Distribution Center and Hubert Place Assisted Living Center.

Proposed improvements include the following:

1. Intersection improvements at Main Street and Bridge Street.
2. Roadway widening at various locations to allow for improved bicycle accommodations.
3. Bus stop markings and the installation of one or two bus shelters.
4. Sidewalk repairs at various locations, installation of ADA ramps, and crosswalk improvements (pedestrian activated beacons) at the South Hadley Public Library and the Beachgrounds Park.
5. Landscaping, tree plantings, and signage.

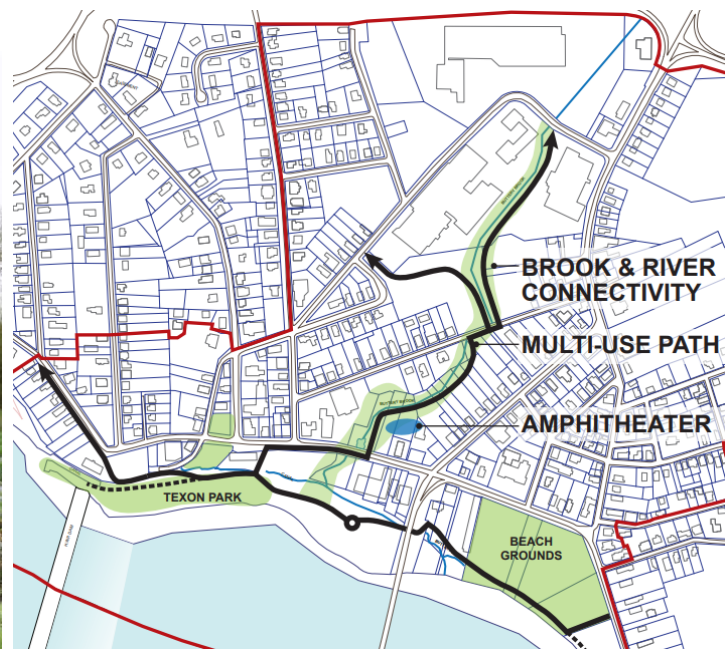
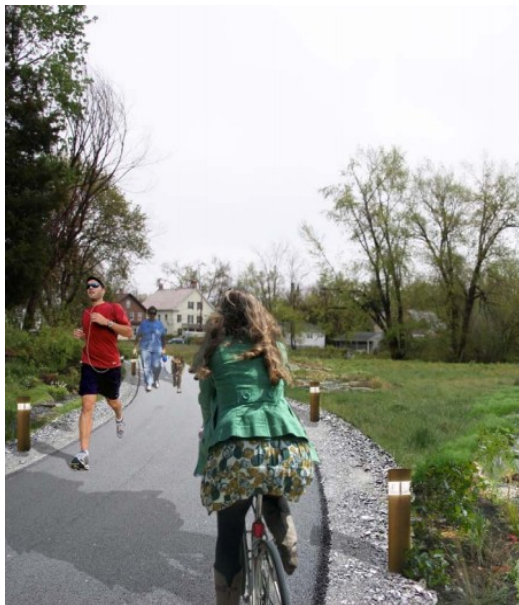
Gaylord Street MassWorks Project

In October of 2017, the MassWorks Infrastructure Program awarded \$1 million to the Town of South Hadley for the Falls Development Enhancements project. The award will support South Hadley's efforts to revitalize the Falls neighborhood and builds on significant private and local investment in the area (including a \$2 million multifamily development). The "Falls Development Enhancements" project includes improvements to Gaylord Street from Lamb to Bardwell Streets.

As an initiative of the South Hadley Falls Urban Redevelopment & Renewal Plan, the project seeks to provide for a safer, more walkable area, with traffic calming such as bump-outs, crosswalks, raised crosswalks, and landscaping. Project improvements may include upgraded sidewalks and signage for healthy walking routes that are physically accessible to all, including persons with disabilities. Water, sewer, and electric services will be brought up to current standards along with storm water management and drainage improvements where needed. Fiber optic upgrades are also needed to attract businesses to the Falls and the potential for creating public Wi-Fi hot spots will be explored.

South Hadley Falls Buttery Brook Multi-use Path

The Town is in the early stages of planning a multi-use path following the alignment of Buttery Brook. The project will connect the Falls neighborhoods with the Connecticut River path traverses the center of the Falls.



Other Identified Projects

South Hadley Falls Bicycle Connections

This project includes striping of bicycle lanes on the South Hadley Falls bridge; on-road bicycle lanes along Route 116, the Route 116 bridge, and along Bardwell Street; on-road bicycle amenities along School Street and Lamb Street; signs and bike sharrows on Bridge Street; an off-road facility to connect the Beachgrounds parking lot to Main Street; an off-road connection from the Beachgrounds to Texon Mill Park.

Route 202 Bicycle Connections

The Route 202 corridor would benefit from the construction of a separated bike lane to enhance safety while providing accommodations for bicyclists.

Connecticut River Loop at Ledges Golf Club, Carver-Newton-Jones, Upper River Road, Sans Souci Drive and Alford Street

This loop provides an opportunity for a highly desired Connecticut River loop for walking and possibly bicycling in South Hadley. The loop builds off the significant land holdings that the Town already has in the area and takes advantage of two of the highest ranked bicycle-appropriate roads in the town—Mulligan Drive and San Souci Drive.

ValleyBike Share Expansion

ValleyBike Share is a new regional program, which will provide opportunities for expanded bicycle use in the Pioneer Valley region. Participating communities include Amherst (included the University of Massachusetts), Holyoke, Northampton, South Hadley, and Springfield. Three stations will open in South Hadley in the Spring of 2018. Expansion of the system will allow more opportunities for people to use a bicycle for short-range trips to reduce automobile trips and provide opportunities for exercise.

Proposed Sidewalk Gap Improvements

Table 1 - Proposed Sidewalk Gap Improvement Locations

Street	From	To
Alvord St.	Brainerd St.	Stonegate Dr.
Alvord St	Stonegate Dr.	Ferry St.
Lamb St.	Bridge St.	Grant St.
Hartford St.	Spring St.	Bolton St.
Lathrop St.	Summit St.	Highland
Park St.	Morgan St.	Mt. Holyoke EQ Way
Pine St.	Alvord St.	Brainerd St.
North Main St.	West Summit St.	Valley View Dr.
Mountain View	Carriage Lane	Granby Rd.
Granby Rd.	Pine Grove Dr.	East St.
Morgan St.	Park St.	Granby town line
East St.	Morgan St.	Granby Rd.
Woodbridge St.	The Knolls	Pearl St.
Judd Avenue	North Main St.	Lathrop St.

Table 2 - South Hadley Roadway segments recommended for an on-road bicycle network

High Priority Roadways for Bicycling	Medium Priority Roadways for Bicycling
San Souci Drive	Upper River Road (San Souci to Riverlodge Road)
Cedar Ridge Road	Westbrook Road
Stonegate Drive	Ferry Street
Canal Street (between Main and Maple)	Sunset Avenue
Cedar Ridge	Rte 116 - College St. (between Silver and Rte 47)
Route 47 - Village Common to Community Garden	Rte 116 - Bridge St. (between Lamb St. and bridge)
Lathrop Street (between Alvord and Brainerd)	Dale Street
Canal Street (between Maple and W. Summit)	Route 33 - Old Lyman Road to Chicopee T.L.
Rte 116 - College St (bet Woodbridge and Silver)	Rte 116 - Newton St (Rte 202 ramps to Lamb)
Mulligan Drive	Main Street (between Bridge and Lamb)
Main Street (between Canal and Carew)	Main Street (between Carew and Bridge)
Lathrop Street (between Brainerd and W. Summit)	West Summit Street (between Canal and N. Main)
Rte 116 - Amherst Rd (House #22 to Woodbridge)	Ludlow Street
Alvord Street (between Lathrop and Pine)	Hartford Street (between Spring and Ludlow)
East Red Bridge Lane	Richview Avenue
Route 47 - Community Garden to Pearl Street	Rte 202 - Granby Rd (bet. Lyman and Granby T.L.)
West Summit St (between Lathrop and N. Main)	Morgan Street (between East and Park)
Lloyd Street	Mountain View Street
Red Bridge Lane	North Main Street (between Brainerd and Judd)
Morgan Street (between Park and College)	Brainerd Street (between Newton and Lathrop)
	Brainerd St (between Lathrop and North Main)

Data Collection

Average Daily Traffic

Historic traffic counts in the Town of South Hadley were researched as part of the South Hadley Bicycle and Pedestrian Plan through the MassDOT and PVPC traffic count databases. New daily traffic count data was collected at an additional 14 locations as identified by the Town. This information is compared in the table below. A summary of all historic traffic counts found for the Town of South Hadley is presented on the following figure.

Table 3 - Average Weekday Traffic Count Comparison

Street	Landmark	2017 Volume	Previous Count Volume	Previous Count Year	% Change	% Change/ Year
Abbey Street	east of Route 33	1,908	1,453	2007	31.31%	2.72%
Old Lyman Road	east of Route 33	3,871	3,767	2007	2.76%	0.27%
Route 33	south of Old Lyman Road	15,282	14,627	2007	4.48%	0.44%
New Ludlow Road	at the Chicopee City Line	9,002	8,361	2009	7.67%	0.92%
Old Lyman Road	north of New Ludlow Road	3,274	3,041	2009	7.66%	0.92%
Route 116 (College St.)	south of Leahey Avenue	11,551	12,905	2009	-10.49%	-1.39%
Morgan Street	west of Mosier Street	1,719	1,458	2011	17.90%	2.74%
Morgan Street	east of Park Street	4,188	3,591	2011	16.62%	2.56%
Park Street	north of Morgan Street	1,764	1,706	2011	3.40%	0.56%
Mosier Street	south of Morgan Street	2,101	1,909	2011	10.06%	1.60%
North Main Street	north of West Summit Street	2,628	2,515	2011	4.49%	0.73%
North Main Street	south of West Summit Street	3,191	3,138	2011	1.69%	0.28%
West Summit Street	west of North Main Street	1,218	1,208	2011	0.83%	0.14%
West Summit Street	east of North Main Street	529	458	2011	15.50%	2.40%

It is important to understand the existing traffic volumes along a roadway to determine its potential impact on bicycle and pedestrian safety. Roadways with a higher volume of traffic may require additional improvements such as marked bicycle lanes or wider sidewalks to encourage safe bicycle and pedestrian activity. In general, daily traffic volumes increased in the range of 1-3% per year at 13 of the 14 locations counted by the PVPC. A decrease in traffic was observed on Route 116 south of Leahey Avenue since 2009. This could be a function of the time of year of the count but should be recounted in the near future to determine if traffic is in fact decreasing in this area.

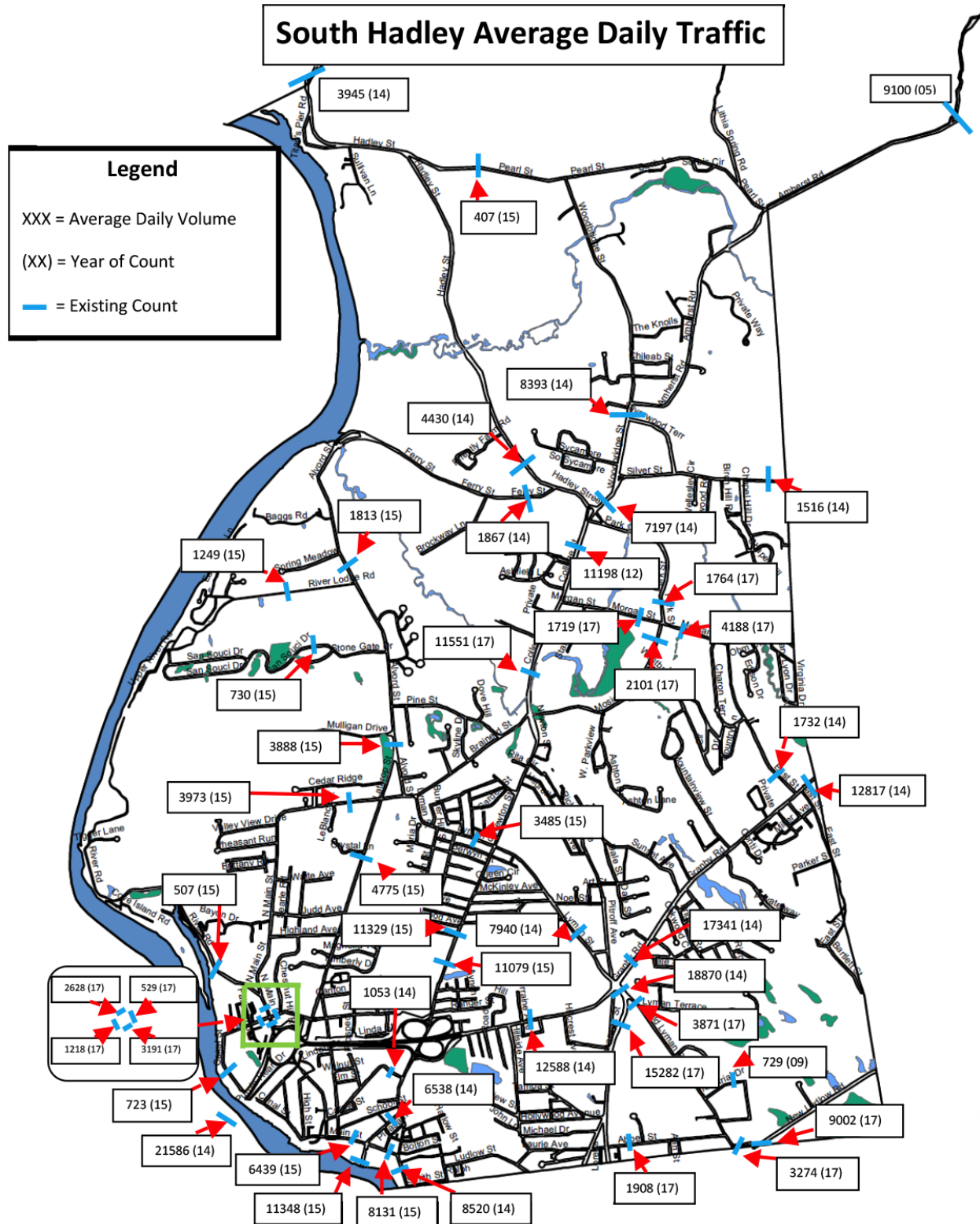


Figure 1 - South Hadley Average Weekday Traffic Volumes

Safety

Information on motor vehicle crashes that occurred in the Town of South Hadley was researched through MassDOT’s online crash portal for the years 2011 - 2015. PVPC also completed a summary of crash data for every community in the Pioneer Valley Region from 2012 - 2014. The publication, called the Safety Compass, provides information on the Top Crash Locations and other safety trends for each community. A map of all crashes that occurred in the Town of South Hadley from 2012 - 2014 is presented in Figure 2. A summary of the Top 10 High Crash Locations for the Town of South Hadley is shown in Table 4.

Table 4 - Top 10 High Crash Locations in South Hadley (2012 - 2014)

Rank	Intersection/Location	Crashes	EPDO*
1	Granby Road at Lyman Street and Willimansett Street	35	71
2	Bridge Street at Main Street	20	48
3	Purple Heart Drive Rotary at North Main Street southbound on-ramp	17	41
4	College Street at Newton Street, Brainerd Street, and Mosier Street	18	38
5	College Street at Hadley Street	16	28
6	Memorial Drive at Abbey Street	13	25
7	Granby Road at Ridge Road and Sunset Avenue	9	25
8	Newton Street at Lyman Street	16	24
9	Willimansett Street in the vicinity of the Big Y plaza	6	22
10	Purple Heart Drive Rotary in the vicinity of the off ramp to Holyoke	8	20

*EPDO - Equivalent Property Damage Only (Fatal Crash = 10, Injury Crash = 5, Property Damage Crash = 1)

The Equivalent Property Damage Only (EPDO) method was used to rank the top 10 high crash intersections. This method takes into account the total number of crashes at an intersection and the severity of each crash. Additional weight is applied to crashes in which an injury or a fatality occurs. Using the EPDO method, ten points are applied to each crash in which a fatality occurs, five points are applied to each crash in which one or more personal injuries occur, and one point is applied to each crash which consists solely of property damage. Crashes with a severity of “Unknown” or “Not Reported” are assumed to have a severity of “Property Damage Only”.

The number one ranked intersection of Granby Road (Route 202) with Lyman Street and Willimansett Street (Route 33) was recently upgraded by MassDOT in 2017. This intersection received upgrades to the existing traffic signal control equipment, timing plan, pedestrian signals, travel lanes, pavements markings, and pedestrian ramps. The second ranked intersection is included as part of the town’s Main Street improvement project which is requesting funding through the Pioneer Valley Transportation Improvement Program.

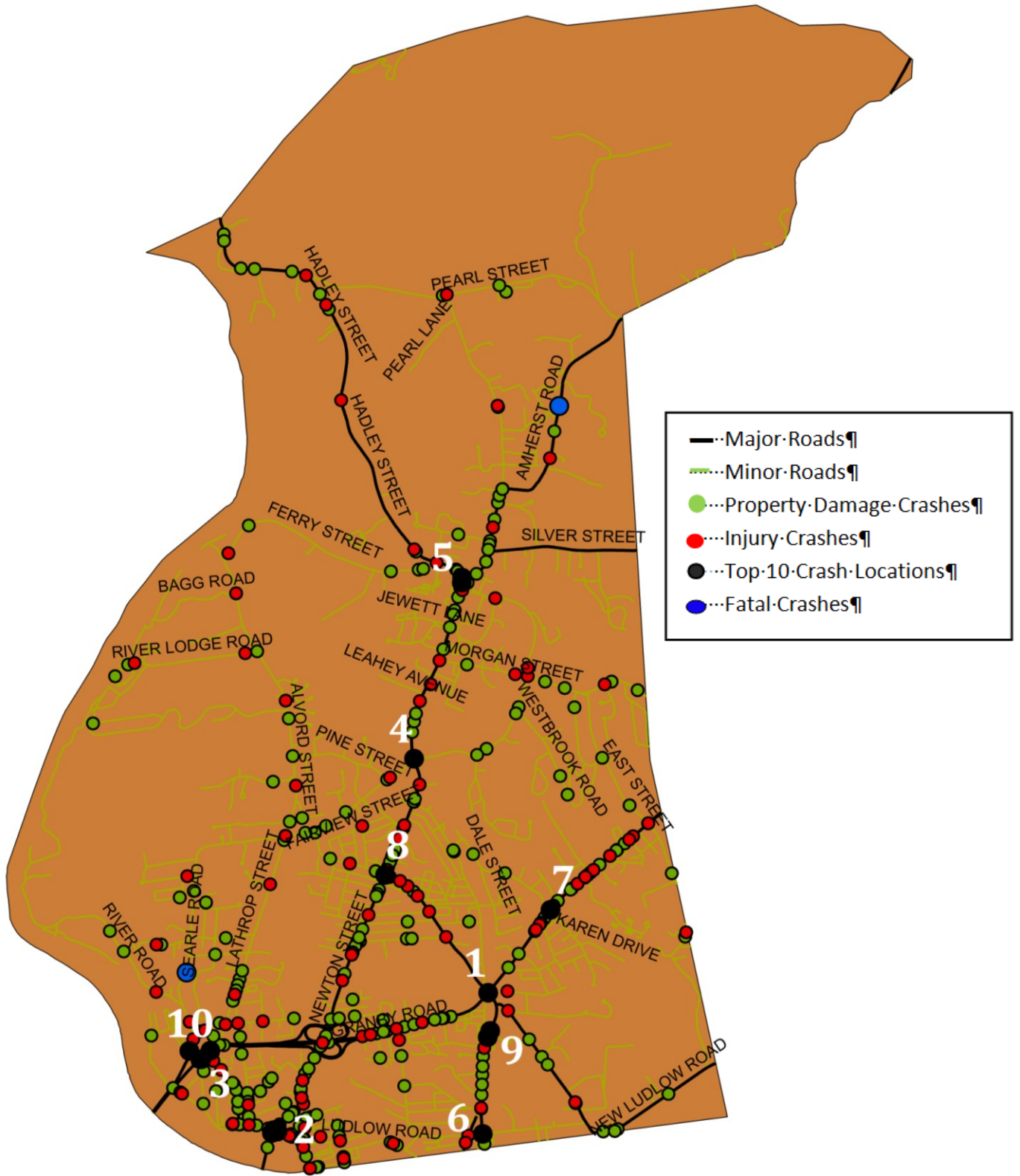


Figure 2 - South Hadley Crash Locations 2012 - 2014

A total of 1074 crashes were reported for the Town of South Hadley to MassDOT from 2011 - 2015. This information is summarized in Table 5. Nearly 36% of all crashes were “rear end” collisions. Approximately 25% of crashes were single vehicle crashes where the vehicle may have collided with a fixed object or departed from the marked travel lane. A total of 18% of all crashes were “angle” collisions which typically occur at an intersection. Most crashes occur during clear weather conditions on dry pavement. Approximately one third of all crashes occur during hours of darkness.

Two crashes resulted in a fatality from 2011 - 2015. More recently, a pedestrian was killed in January, 2016 when crossing Route 202 in the vicinity of Second Baptist Church during the evening. Just over 25% of all crashes resulted in an injury to one or more of the vehicle occupants.

A total of 25 crashes were reported from 2011 to 2015 that involved a pedestrian or a bicyclist. While no fatalities were reported, 80% of these crashes resulted in an injury. A total of 10 crashes involved a vehicle hitting a bicyclist while 15 involved a vehicle hitting a pedestrian. The location of these non-motorist crashes is shown in Figure 3.

One of the comments received during the public engagement process was that the crash location map (Figure 2) did not appear to account for any crashes along the Route 116 corridor in the northern portion of the town. This section of Route 116 runs between Pearl Street and Old County Road in South Hadley. PVPC reviewed the crash data for this section of Route 116 and discovered that due to the geographic position of the Granby/South Hadley Town Line any crashes that occur on Route 116 in this area are assigned to the Town of Granby. Residents at the public meeting commented that while the roadway may be in the Town of Granby, there are still many residential properties that abut Route 116 in the Town of South Hadley that are adversely impacted by crashes that occur in this area.

A total of 12 crashes occurred along this section of Route 116 from 2011 - 2015. There were no fatalities and four crashes resulted in a personal injury. Fifty percent of these crashes were single vehicle crashes where the vehicle was reported to have collided with a utility pole, guardrail, or animal. A summary of the location of these crashes is shown in Figure 4.

Table 5 - Summary of Crashes - 2011 -2015

Year	Total	Manner of Collision	Severity	Road Condition	Weather	Light					
2011	213	Angle	46	Fatal	0	Dry	129	Clear	153	Dark - lighted roadway	47
		Head-on	14	Injury	57	Ice	12	Cloudy	25	Dark - roadway not lighted	5
		Rear End	75	Property Damage	139	Wet	59	Rain	26	Dark - unknown roadway lighting	2
		SideSwipe	22	Not Reported	17	Snow	9	Snow	6	Dawn	6
		Single Vehicle Crash	49			Other	2	Other	2	Daylight	137
		Not Reported	7			Not Reported	2	Not Reported	1	Dusk	14
										Not reported	2
2012	175	Angle	35	Fatal	1	Dry	112	Clear	107	Dark - lighted roadway	41
		Head-on	6	Injury	41	Ice	6	Cloudy	33	Dark - roadway not lighted	5
		Rear End	56	Property Damage	115	Wet	45	Rain	19	Dark - unknown roadway lighting	0
		SideSwipe	23	Not Reported	18	Snow	10	Snow	12	Dawn	4
		Single Vehicle Crash	48			Other	2	Other	4	Daylight	118
		Not Reported	7			Not Reported	0	Not Reported	0	Dusk	3
										Not reported	4
2013	219	Angle	39	Fatal	0	Dry	154	Clear	164	Dark - lighted roadway	49
		Head-on	10	Injury	49	Ice	10	Cloudy	28	Dark - roadway not lighted	5
		Rear End	69	Property Damage	149	Wet	44	Rain	12	Dark - unknown roadway lighting	2
		SideSwipe	43	Not Reported	21	Snow	7	Snow	8	Dawn	2
		Single Vehicle Crash	52			Other	2	Other	4	Daylight	152
		Not Reported	6			Not Reported	2	Not Reported	3	Dusk	6
										Not reported	3
2014	231	Angle	31	Fatal	1	Dry	152	Clear	158	Dark - lighted roadway	51
		Head-on	9	Injury	62	Ice	9	Cloudy	33	Dark - roadway not lighted	6
		Rear End	96	Property Damage	147	Wet	54	Rain	23	Dark - unknown roadway lighting	0
		SideSwipe	33	Not Reported	21	Snow	12	Snow	9	Dawn	2
		Single Vehicle Crash	61			Other	3	Other	6	Daylight	159
		Not Reported	1			Not Reported	1	Not Reported	2	Dusk	8
										Not reported	5
2015	236	Angle	42	Fatal	0	Dry	176	Clear	164	Dark - lighted roadway	58
		Head-on	9	Injury	64	Ice	7	Cloudy	38	Dark - roadway not lighted	8
		Rear End	88	Property Damage	161	Wet	26	Rain	10	Dark - unknown roadway lighting	0
		SideSwipe	36	Not Reported	11	Snow	21	Snow	13	Dawn	0
		Single Vehicle Crash	57			Other	3	Other	9	Daylight	157
		Not Reported	4			Not Reported	3	Not Reported	2	Dusk	3
										Not reported	10

Figure 3 - Non-Motorized Crash Locations in South Hadley, 2011 - 2015

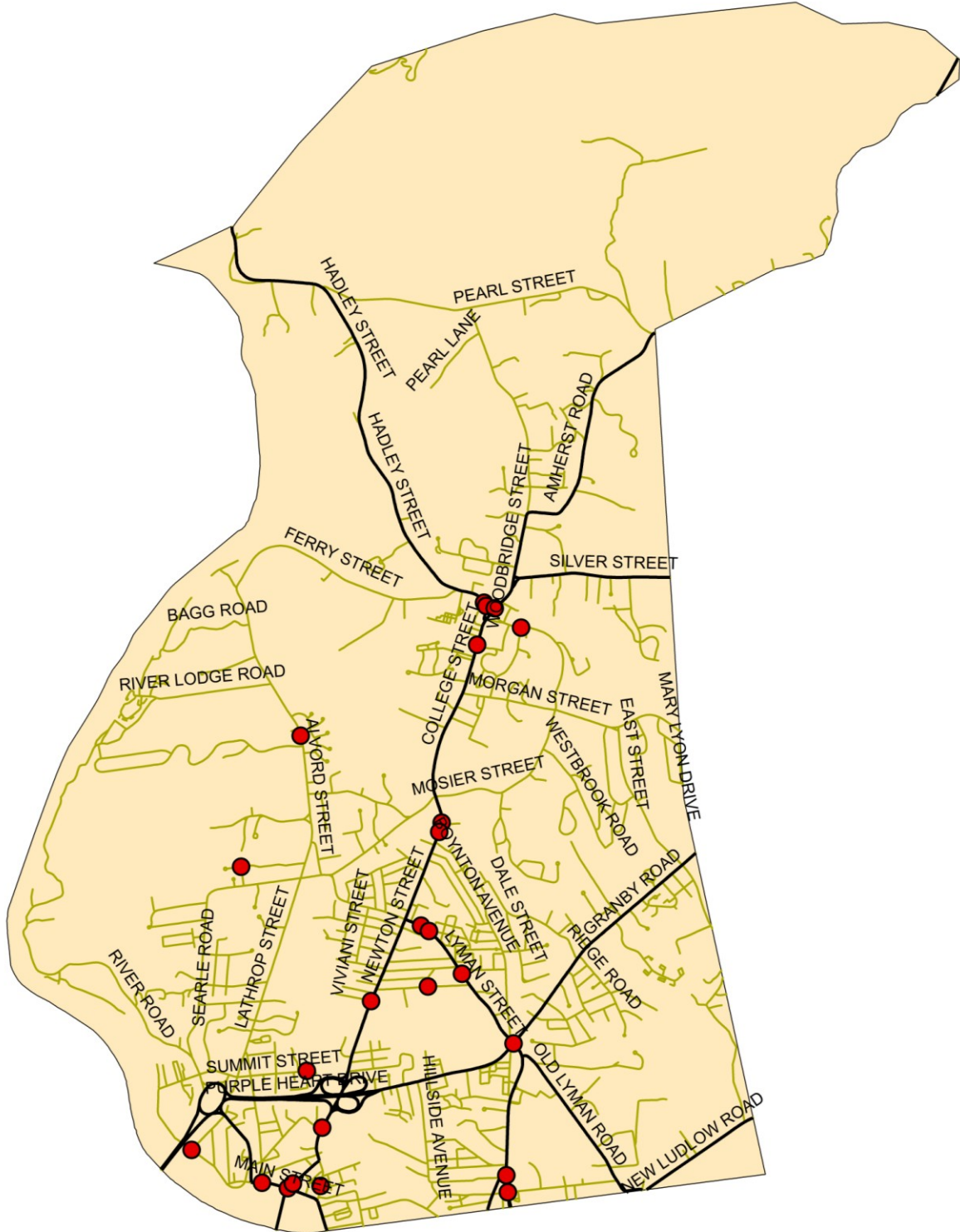
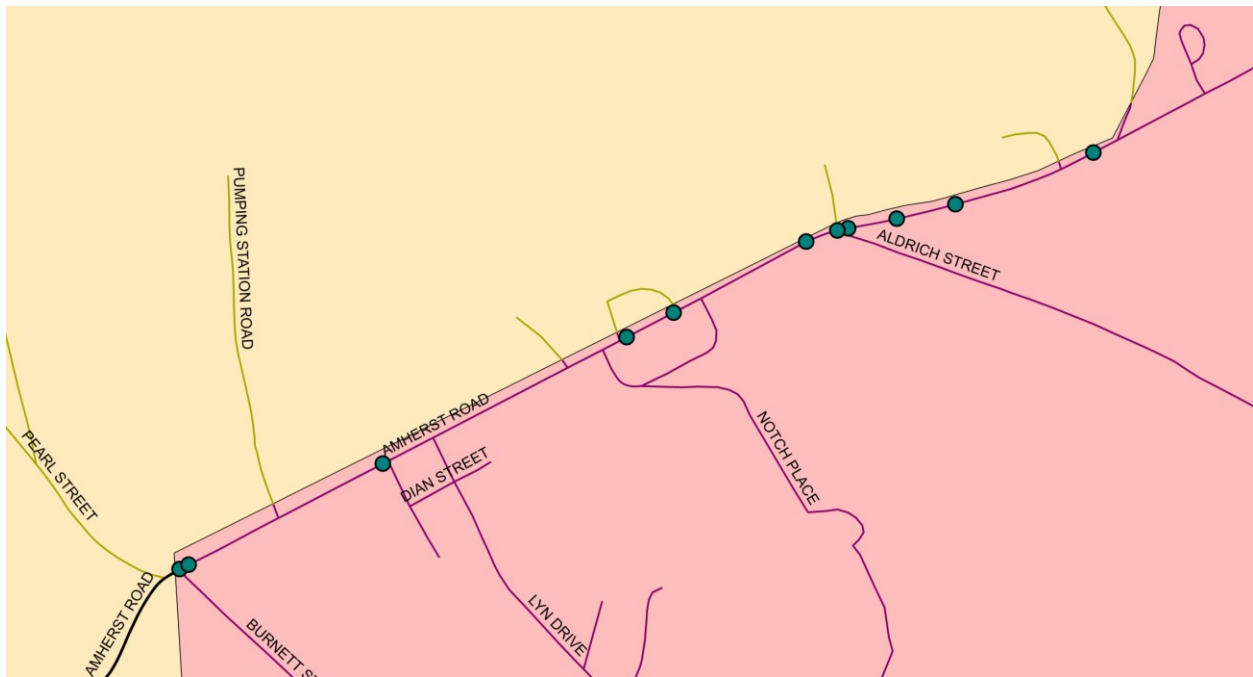


Figure 4 - Route 116 Crash Locations in Granby, MA



Pavement Management

The Pioneer Valley planning Commission (PVPC) staff surveyed 29 miles of federal-aid eligible roadways which constitute 86 roadway segments. These roadways are functionally classified as Arterials and Collectors. The average Overall Condition Index (OCI) for these roadway was 68, which indicates that majority of the roadways are in fair condition. The surveyed roadway segments for Arterials are broken down as follows: 11% of the roadways are rated excellent, 53% are good, 7% are fair, 25% are poor and 4% are rated as failed. The surveyed roadway segments for Collectors are broken down as follows: 20% of the roadways are rated excellent, 34% are good, 11% are fair, 20% are poor and 15% are rated as failed. The “PAVEMENTView” software tool uses these thresholds to categorize roadway conditions based on the OCI. The PVPC surveyed 15 miles of arterial roads and 14 miles of collector roads. The percentages are 52 and 48, respectively. Table following table summarizes the OCI ranges by roadway classification.

Table 6 - South Hadley Pavement Condition Index by Road Classification

	<u>Excellent</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Failed</u>
Arterial	>89.5	>69.5 and =<89.5	>48.5 and =<69.5	>26.5 and =<48.5	<=26.5
Collector	>88.5	>68.5 and =<88.5	>47.5 and =<68.5	>24.5 and =<47.5	<=24.5
Residential Through	>87.5	>67.5 and =<87.5	>46.5 and =<67.5	>23.5 and =<46.5	<=23.5
Residential Dead End	>84.5	>64.5 and =<84.5	>43.5 and =<64.5	>20.5 and =<43.5	<=20.5

Network Gap Analysis

Pedestrian Network

The sidewalk network in South Hadley varies in quality and continuity. Route 116, Route 202, and Route 33 have the most consistent sidewalks in the town, but even these have significant gaps. South Hadley Falls is notable for its network of sidewalks. It is the only part of town where virtually every street has a sidewalk. Route 116 in the vicinity of Mount Holyoke College is also notable for its pedestrian environment. The street here has sidewalks on both sides, with a generous planted buffer strip between the sidewalk and the street. Mature trees shade pedestrians and provide a sense of enclosure. Crosswalks are well-spaced with high quality pavement treatments (brick paving) and pedestrian activated flashing LED lights, curb extensions at primary crosswalks (Church Street and College Street) and "yield-to-pedestrian" signs in the middle of the road.

Other major roads such as Lathrop Street and Old Lyman Street lack sidewalks and have very few crosswalks. Several important local connecting roads also lack sidewalks and adequate crosswalks including Alvord Street and Pine Street. The majority of residential streets in South Hadley do not have sidewalks. Some exceptions include: a small pocket of streets west of Woodlawn School; Columbia, Harvard, and Yale Streets; Hadley Village Condominiums north of Leaping Well Reservoir; Stonegate Drive/San Souci Drive off of Alvord Street; and, Mosier Street.

Many locations in South Hadley do not meet current Americans with Disabilities Act (ADA) requirements. The ADA guarantees that people with disabilities have the same opportunities as everyone else to participate in all activities. This includes accessibility to public infrastructure such as sidewalks via ramps that allow wheelchairs safe and efficient access to sidewalks and crosswalks. Wheel chair ramps must be wide enough to accommodate wheelchairs with a gentle slope that can be safely navigated by a manually powered wheelchair. Inverted tactile domes are also required at the bottom of all ramps to clearly identify the edge of the roadway for people with visual impairment.

A number of crosswalks were found to be very faded and in need of new paint to maximize visibility. Many crosswalks lack proper warning signs and advance pavement markings on high volume roadways. In addition, some crosswalks do not align properly with existing wheelchair ramps or end at a section of raised curbing.

Sidewalk Gaps

A number of gaps in the existing sidewalk network in the town were identified. Developing a consistent network of connected sidewalks is both critical to encourage people to walk and to

enhance the safety of pedestrians. The location of these sidewalk gaps was included in the “Other Identified Projects” section in Table 1. It is recommended the town consider the feasibility of constructing sidewalks to improve sidewalk connectivity in these areas.

Bicycle Network

The Town of South Hadley currently has a limited on and off road network to accommodate bicycles. Massachusetts General Laws allow bicyclists to ride on any public road, street, or bikeway except for limited access highways where signs specifically prohibiting bicycle use are posted. All public roads in South Hadley, with the exception of Purple Heart Drive in the vicinity of Route 116, are technically available for bicycle use but some currently provide better accommodations than others. Major roadways such as Route 202 and the Route 116 bridge connecting South Hadley Falls to Holyoke currently provide 8 foot marked shoulders that can be used for bicycle travel. Other roads such as Morgan Street, Lyman Street and portions of Route 116 provide a more modest shoulder that allow for bicycle travel but not much separation from motor vehicle traffic.

MassDOT painted bicycle lanes on Route 116 from the Amherst Town Line to Pearl Street in the spring of 2015. In the summer of 2015, MassDOT painted separated bicycle lanes along both sides of Route 116 from the Route 202 on and off ramps to Camden Street and north of the Rocky’s Shopping Plaza to the Mount Holyoke College Campus. These bicycle lanes consist of a five foot bike lanes designated by a painted bicycle symbol and directional arrow. A two foot painted cross-hatch area provides a buffer between the bicycle lane and the vehicle travel lane. Bike lanes cannot currently be accommodated in the vicinity of the intersection of Route 116 with Lyman Street due to existing vehicle turn lanes.

The Town of South Hadley received a written commitment from MassDOT to incorporate bicycle lanes when possible as part of future transportation improvements projects. This includes proposed improvement projects for the Route 202 corridor and Route 116 south of Woodbridge Street.

Texon Mill Park opened in 2015 and connects the Lower Riverside Park to the South and Gatehouse Park along the Connecticut River. This off road facility can be accessed via a parking lot off of Main Street. The park is open from May - September from 7:00 AM to 7:00 PM. Approximately 0.9 miles long, the park provides scenic views of the Connecticut River and the Holyoke Dam.

Community Engagement

A public meeting was held on Wednesday, October 18, 2017 in the South Hadley Town Hall Auditorium to provide residents and business owners an opportunity to learn more about the progress of South Hadley’s Complete Streets Prioritization Plan and participate in the project prioritization process. A presentation was given by Pioneer Valley Planning Commission explaining the concepts of “Complete Streets” and how the Prioritization Plan scores local projects for ranking.

A total of 27 people attended the meeting. Each attendee was given a set of dots to “vote” on a draft list of complete street projects developed from the recommendations of previous studies completed for the town. Participants had 8 red dots to designate projects they felt were important, and 2 blue dots to designate the projects they felt were the most important. No limit was placed on the number of dots a person could place on a single project. Not all participants cast all 10 votes. Several projects received a significant number of votes as follows:

- North Main Street sidewalks
- Ferry Street sidewalks to connect to the new River to Range Trail
- Improvements to Route 116 in the vicinity of Pearl Street to increase safety.
- Morgan Street sidewalks to the Granby Town Line
- Alvord Street Sidewalks
- Lathrop Street sidewalks

The need for sidewalks on North Main Street was discussed by many residents that attended the meeting. North Main Street does not currently provide any sidewalks from Valley View Drive to West Summit Street. This road serves a number of residences, including the Loomis Village Retirement Community. One resident spoke of how North Main Street is used to access the South Hadley Library and other areas in the South Hadley Falls area. Attendees explained how dangerous it feels to walk in this area without sidewalks.

Other comments received from people that could not attend the meeting included a recommendation to continue to make roadways in South Hadley more bicycle friendly, specifically along Route 116 between Pearl and Woodbridge Streets where no bike lanes are currently provided. Another resident called to express their lack of support for audible pedestrian signals in close proximity to existing residences.

Evaluation Criteria

A series of evaluation criteria were developed to assist the town in prioritizing complete streets improvement projects for construction/implementation. Evaluation criteria were developed to meet the MassDOT Complete Streets Prioritization Plan Format and address seven key elements:

- Safety
- ADA Accessibility
- Pedestrian Mobility
- Bicycle Mobility
- Transit Operations and Access
- Vehicular Operations
- Freight Operations

A total of 17 evaluation criteria were developed for use in the South Hadley Complete Streets Prioritization Plan. Table 7 shows how the evaluation criteria links to the seven complete streets elements. Additional information on each of the evaluations criteria is provided in the following section.

Table 7 - South Hadley Evaluation Criteria Links to Complete Streets Elements

Prioritization Criteria	Safety	ADA accessibility	Pedestrian mobility	Bicycle mobility	Transit operations and access	Vehicular operations	Freight operations
Adjacent Street Average Daily Traffic Volume						✓	
Bike Access Score				✓			
Bike Route Evaluation Score				✓			
Crossing Improvement	✓	✓	✓	✓	✓		
Feasibility of Implementation							
Network Connectivity		✓	✓	✓	✓		
Number of Bicycle and Pedestrian Crashes Adjacent to Project	✓						
Number of Bus Stops within ¼ mile of project					✓		
Percentage of Persons with a Disability within ¼ mile of Project		✓					
Project Improves Access and Mobility for Freight							✓
Project Improves Vehicle Operations						✓	✓
Project is within ½ mile from an Assisted Living Facility	✓	✓	✓	✓	✓		
Project is within a School Walk Zone	✓	✓	✓	✓			
Stakeholder Input							
Top 10 High Crash Location in South Hadley	✓						
Walk Access Score			✓				
Walking Points of Interest			✓				

Evaluation Criteria Descriptions

This section provides detailed information on each of the 17 evaluation criteria used in the development of the South Hadley Complete Streets Prioritization Plan. Criteria was developed through consultation with local officials to address the key elements of a complete street. Specific components for each category were chosen based on available data for the Town of South Hadley and priority areas to be considered in the advancement of a complete streets project towards construction/implementation.

1. **Adjacent Street Average Daily Traffic Volume** - The average daily traffic volume on the adjacent street is an indication of the impact a project could have on vehicular operations. This criteria is ranked as having a “High”, “Medium” or “Low” benefit based on the total volume of traffic for both directions on an average weekday.
 - A. Volume > 6000 vehicles per day - “High” benefit
 - B. Volumes between 3000 - 6000 vehicles per day - “Medium” benefit
 - C. Volumes between 0 - 2999 vehicles per day - “Low” benefit
2. **Bike Access Score** - Based on the Metropolitan Area Planning Council’s (MAPC) Local Access Score Tool, this utility provides information on the likelihood of a project to encourage more bicycle use based on how useful the roadway is for connecting with schools, shops, restaurants, parks, and transit stations.
 - A. Project rated as “High” or “Highest” - “High” benefit
 - B. Project rated as “Moderate” - “Medium” benefit
 - C. Project rated as “Low” - “Low” benefit
 - D. Project rated as “Lowest” - “No” benefit
3. **Bike Route Evaluation Score** - The Bike Route Evaluation Matrix was developed by the PVPC for the South Hadley Comprehensive Bicycle and Pedestrian Plan to determine the most critical characteristics necessary for the development of an on-road bicycle network. A total of 11 unique categories were developed to identify the ability of a road to accommodate bicyclists and the desirability of a bicyclist to travel on the road. Using this methodology, a roadway can receive a maximum score of 37 points. Higher scores indicate a roadway that is more advantageous, from both a public and data perspective, on which to encourage bicycle activity.
 - A. Score > 16.9 - “High” benefit
 - B. Score between 12.1 and 16.9 - “Medium” benefit
 - C. Score < 12.1 - “Low” benefit

4. **Crossing Improvement** - Projects under this criteria improve an existing crossing area, mid block or at an intersection, to improve bicycle and pedestrian safety. Projects are scored based on if they are determined to both serve and enhance an existing crossing.
 - A. Project improves an existing crossing location - “High” benefit
 - B. Project does not improve an existing crossing location - “No” benefit
5. **Feasibility of Implementation** - This criteria is divided into two subcategories: project cost and project right of way impacts. The estimated cost of the project is an indication of the ability of the Town to construct the project under the existing Massachusetts Complete Streets Program. Currently, projects are eligible to receive up to \$400,000 in funding under this program. More expensive projects place a greater the burden on the Town to identify supplemental funding to construct the project.
 - A. Cost estimate under \$200,000 - “High” benefit
 - B. Cost estimate between \$200,000 and \$400,000 - “Medium” benefit
 - C. Cost estimate more than \$400,000 - “Low” benefit

Projects located within the public right of way do not require the acquisition of private property to implement. This is an indication of the ability to implement the project without the acquisition of additional property and in some cases also requiring additional local and state permits.

- A. Project is entirely within public ROW - “High” benefit
 - B. Project is partially within public ROW - “Low” benefit
 - C. Project is entirely outside public ROW - “Negative” benefit
6. **Network Connectivity** - Network connectivity consists of an improvement such as the installation of a sidewalk or segment of a sidewalk to provide a complete connect to existing pedestrian or bicycle infrastructure. Reconstruction of an existing bicycle or pedestrian facility is not considered to meet this criteria.
 - A. Projects that improve network connectivity for their entire length - “High” benefit
 - B. Projects that improve network connectivity for a portion of their length - “Medium” benefit
 - C. Projects that do not improve network connectivity - “No” benefit
 7. **Number of Bicycle and Pedestrian Crashes Adjacent to Project** - Data available from the Massachusetts Department of Transportation (MassDOT) was used to identify bicycle and pedestrian crash locations from 2012 - 2015. Projects that have a safety benefit and are adjacent to an existing bicycle or pedestrian crash locations meet this criteria.
 - A. Project adjacent to an existing bicycle or pedestrian crash location - “High” benefit
 - B. Project not adjacent to an existing bicycle or pedestrian crash location - “No” benefit

8. **Number of Bus Stops within ¼ mile of Project** - The number of bus stops within ¼ mile of the project is an indication of how well the project could improve access to existing transit service. The project must encourage transit use through improvements such as the construction of sidewalks or enhancements to existing transit amenities such as bus shelters.
 - A. Project serves more than 3 bus stops - “High” benefit
 - B. Project serves 2 or 3 bus stops - “Medium” benefit
 - C. Project serves at least 1 bus stop - “Low” benefit
9. **Percentage of Persons with a Disability within ¼ mile of Project** - This criteria uses the most recent American Communities Survey (ACS) data to identify the number of persons with a disability that live within ¼ mile of the project. The project must include components (i.e. new accessible ramps) that improve accommodations for persons with a disability.
 - A. ACS percentage >5.3 - “High” benefit
 - B. ACS percentage is between 2.3 and 5.3 - “Low” benefit
 - C. ACS percentage < 2.3 - “No” benefit
10. **Project Improves Access and Mobility for Freight** - This criteria identifies projects that are anticipated to improve access and/or mobility for along roadways or at key intersections that are utilized by freight. This can consist of roadways that are found to have a high percentage of truck traffic or serve a major industrial, manufacturing, or warehousing land use in the Town.
 - A. Project improves freight access or mobility - “High” benefit
 - a. Project does not improve freight access or mobility - “No” benefit
11. **Project Improves Vehicle Operations** - Improvements to vehicle operations consist of projects that are found to improve existing intersection level of service, eliminate existing transportation bottlenecks that restrict traffic flow, or discourage cut-through traffic on residential streets.
 - A. Project improves intersection level of service through signal timing improvements - “High” benefit
 - B. Project eliminates or reduces an existing traffic bottleneck intersection redesign - “Medium” benefit
 - C. Project discourages cut-through traffic on residential streets - “Low” benefit
 - D. Project does not improve vehicle operations - “No” benefit

12. **Project is within ½ mile from an Assisted Living Facility** - Projects under this criteria are located within ½ mile of an existing Assisted Living Facility in South Hadley and improve safety or encourage bicycling, walking, or transit use.
 - A. Project is located within ¼ mile of an Assisted Living Facility - “High” benefit
 - B. Project is not located within ¼ mile of an Assisted Living Facility - “No” benefit
13. **Project is within a School Walk Zone** - This criteria places a priority on projects that improve or encourage walking and are located within the designated walking area for students as defined by the South Hadley School Department.
 - A. Project is located within a School Walk Zone - “High” benefit
 - B. Project is not located within a School Walk Zone - “No” benefit
14. **Stakeholder Input** - Stakeholder input reflects the number of comments received on a project to be considered for the Complete Streets Prioritization Plan. Participants in the Complete Streets Prioritization Plan Public Input Session held on October 18, 2018 were all given 8 “red” dots and 2 “blue” dots to identify the projects that are important to them. Each participant was told to place their “blue” dots to rank their most important project(s). Each “red” dot was weighted as 1 point with “blue” dots weighted as 5 points.
 - A. Project received more than 30 points - “High” benefit
 - B. Project received between 15 and 30 points - “Medium” benefit
 - C. Project received less than 15 points - “Low” benefit
15. **Top 10 High Crash Location in South Hadley** - Projects under this criteria provide a benefit for one of the top 10 high crash intersection in the Town of South Hadley as defined in PVPC’s 2017 Safety Compass report. The Safety Compass identifies the high crash locations in the Town for the 2012 - 2014 calendar years based on data available from MassDOT.
 - A. Project addresses an existing Top 10 crash location - “High” benefit
 - B. Project does not address an existing Top 10 crash location - “No” benefit
16. **Walk Access Score** - Based on the Metropolitan Area Planning Council’s (MAPC) Local Access Score Tool, this utility provides information on the likelihood of a project to encourage more pedestrian use based on how useful the roadway is for connecting with schools, shops, restaurants, parks, and transit stations.
 - A. Project rated as “High” or “Highest” - “High” benefit
 - B. Project rated as “Moderate” - “Medium” benefit
 - C. Project rated as “Low” - “Low” benefit
 - D. Project rated as “Lowest” - “No” benefit

17. **Walking Points of Interest** - A walking point of interest (POI) is a local destination such as a park, school, or business that is within ½ mile of the project and would be a good candidate to walk to in lieu of driving a car. Projects are ranked under this criteria based on the number of POI they serve and their impact on encouraging a person to switch from an automobile to a pedestrian mode of travel.

- A. Project serves more than 5 POI - “High” benefit
- B. Project serves between 2-5 POI - “Medium” benefit
- C. Project serves at least 1 POI - “Low” benefit

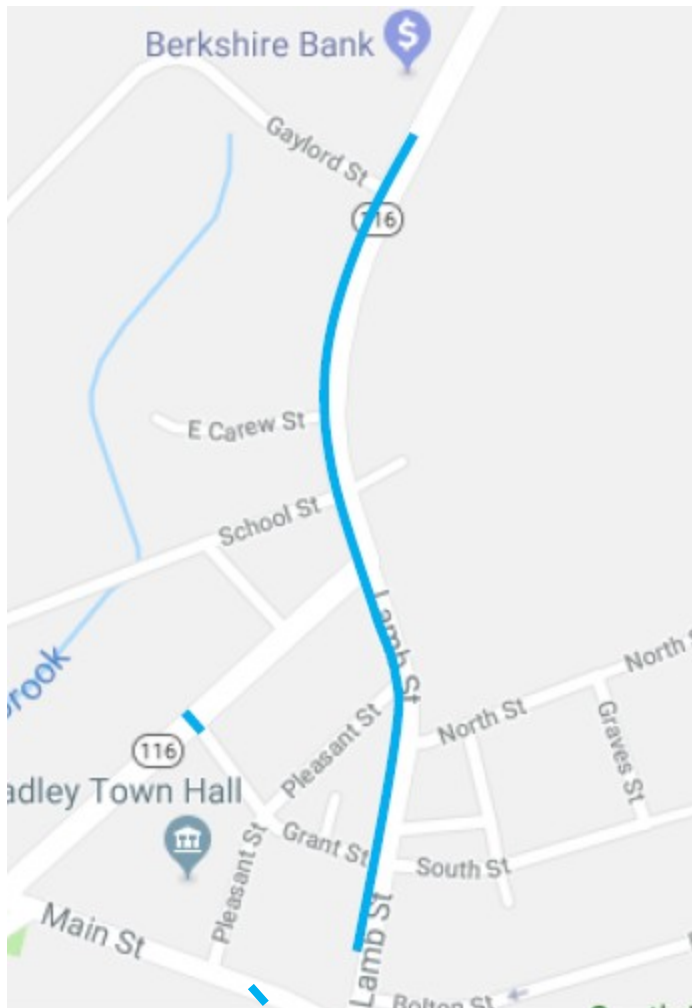
Project Prioritization

The evaluation criteria was applied to each of the identified projects. Using this approach, each project was reviewed to determine how “High”, “Medium” and “Low” rankings it received. An added emphasis was placed on projects that did not require the acquisition of private right of way and had a total estimated cost less than \$400,000.00. The completed evaluation matrix of projects is in the Appendix to this document.

Project Selection

Based on the results of the project evaluation matrix, a total of eight projects were selected as the top priorities for construction under the Massachusetts Complete Streets Program. This section provides additional information on each project to assist in the advancement of each project towards construction. Project visualizations have been included for projects as appropriate to provide a perspective on how elements of the recommended complete streets projects would blend in with the character of the community. They also are meant to provide more information on the type of improvements that could be realized through the Massachusetts Complete Streets program in the Town of South Hadley. An interactive map of all of the projects included in the Prioritization Plan is available through the following link: <http://pvpc.maps.arcgis.com/apps/webappviewer/index.html?id=c37b204233904c29bc65fd437e55c06d>

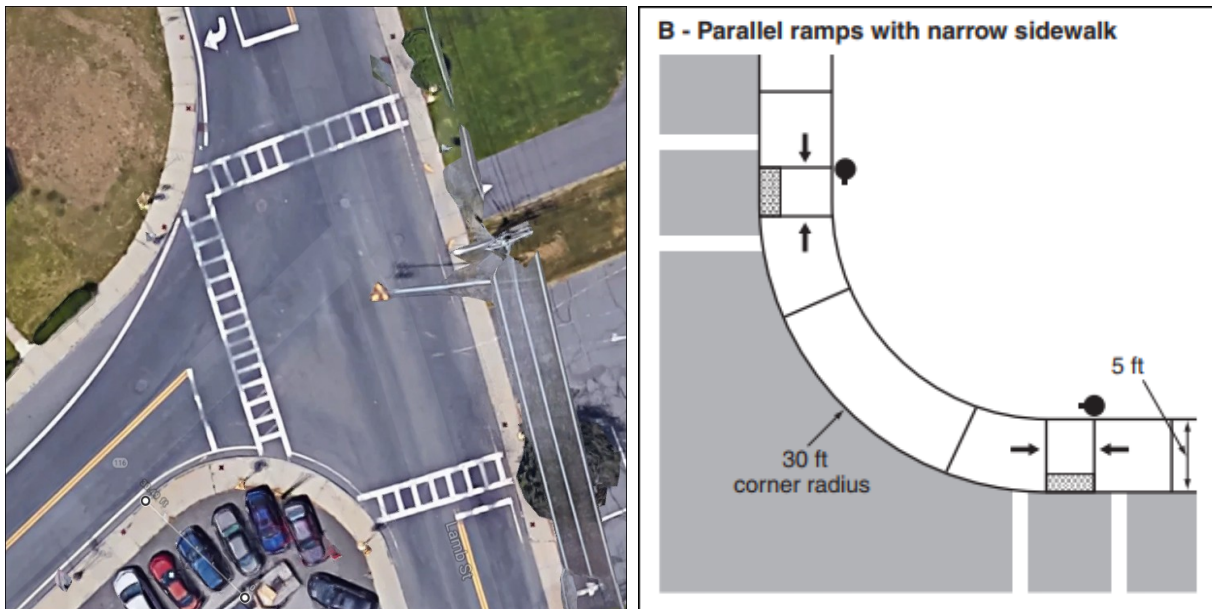
South Hadley Falls Project (Lamb Street, Gaylord to Bolton Street including Bridge Street)



The Project includes the installation of pedestrian safety improvements on Lamb Street and Bridge Street from the intersection of Gaylord Street to Bolton Street (.1 miles) and on Bridge Street at its intersection with Grant Street, a bicycle boulevard on Gaylord/School Street, and improved transit access for the midblock crosswalk on Bridge Street. Revitalizing the Falls is the first of five core initiatives established in the Town's Master Plan adopted in 2010. The past decade has seen little private redevelopment. The project will have good network connectivity with Town planned improvement funded through a MassWorks grant along Main Street and Gaylord Street. The project will include adding ADA compliant ramps at street crossings, the installation of curb work at Bridge

Street to reduce the crossing distance and improve pedestrian visibility; and providing Audible Pedestrian Signal (APS) equipment with countdown display to improve safety and accessibility, and pedestrian actuated midblock crossing beacon to improve access to the PVTa transit stop and shared lane markings and signage (including high visibility street name signs to assist those with visual impairments)

The Lamb Street intersection at Bridge Street is centrally located adjacent to the Pioneer Valley Transit Route (R-29). Lamb Street is also located along the pedestrian access route between a residential neighborhood to some of the Town’s popular destinations on Main Street including the South Hadley Town Hall, the Beachgrounds playscape and athletic fields, and access to multi-use recreation paths at Lower Riverside Park and Texon Mill Park (Part of the CT River Walk and Bikeway).

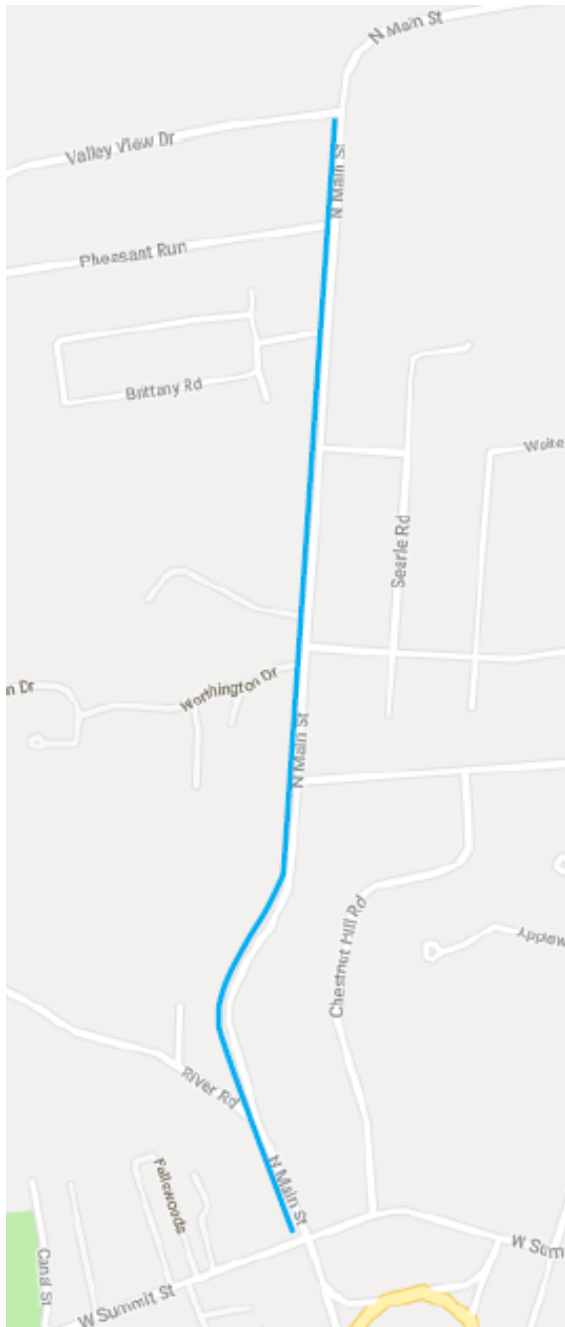


The Work proposed includes all incidental labor, materials and equipment necessary to complete the following, but not limited to: Providing ADA/AAB compliant curb ramps (P2); Detectable warning surfaces (P3); Providing new 5 foot sidewalk (6 feet if at the curb face) sidewalks (P5); Curb work at pedestrian crossings (P8); Crosswalks (P9); Widening existing sidewalks (P10); Accessible pedestrian signals (P11); and Improving transit connections for pedestrians, including ramps, providing and/or moving crosswalks (T1).



The Work includes unclassified excavation, pavement milling, drainage adjustments, cement concrete sidewalks, curb work and wheelchair ramps, granite curb, pavement markings, signs, installation of count-down pedestrian actuated signal heads, and other minor utility adjustments and other incidental work.

North Main Street (West Summit to Valley View)



The Project includes the installation of .9 miles of concrete sidewalk (5 ft wide) along the east side of North Main Street from the intersection of West Summit Street to Valley View Drive. The project will include adding ADA compliant curb ramps and marked crosswalks at 5 intersections. This project will also likely require one or more easements to secure necessary right of way for construction.

The Town of South Hadley has identified North Main Street as a key location for pedestrian improvements, connecting to an existing sidewalk on Valley View Drive to the north and existing sidewalk on West Summit Street to the south. The 4,752 linear feet of concrete sidewalk on North Main Street will allow the Town to reach one of its goals to improve mobility for the senior population and provide a key connector route between a dense residential neighborhood, and affordable housing units. This project also received much positive input during the public participation process of the development of the Complete Streets Prioritization Plan.

The Work proposed includes all incidental labor, material, and equipment necessary to complete the following, but not limited to: ADA/AAB-compliant Curb Ramps (P2); Detectable Warning Surfaces (P3); New Sidewalks (P5); New or Improved Crossing Treatments at Intersections

(P12); and New Granite Curbing or Edging on Uncurbed Streets (S14).

The Work includes, but is not limited to, right-of-way acquisition (temporary and permanent easements/ right of entry), tree trimming, unclassified excavation, hydrant remove and reset, gravel borrow, saw cutting asphalt pavement, new granite curb, granite curb removal, cement concrete sidewalk, HMA driveway, mailboxes to be removed and reset, loam burrow, seeding, and thermoplastic for crosswalks and stop lines.

Lathrop Street (Lathrop Village to Judd Avenue)

The Project includes the installation of 0.38 miles (2011 lf) of sidewalk along the east side of Lathrop Street from the intersection of the Lathrop Village driveway to Judd Avenue. In addition, the existing bituminous concrete sidewalk from Lathrop Village the project will include ADA compliant curb ramps, marked crosswalks at 5 intersections and new granite curbing at intersection corners.

Lathrop Street is a route for local residents to access South Hadley Falls and the South Hadley Public Library. Lathrop Village is under the jurisdiction of the South Hadley Housing Authority and provides low-income housing for the elderly and disabled. The project improves a key pedestrian route between a dense residential neighborhood, and affordable housing units. Lathrop Street was also identified in the South Hadley Bicycle and Pedestrian Plan as a roadway suitable for on-street bicycling. This project would also have future connectivity to Loomis Village (assisted living housing).

The Work proposed includes all incidental labor, material, and equipment necessary to complete the following, but not limited to: ADA/AAB-compliant Curb Ramps (P2);



Detectable Warning Surfaces (P3); New Sidewalks (P5); New or Improved Crossing Treatments at Intersections (P12); New Granite Curbing or Edging on at intersection corners (S14), and new “high visibility” street signs.

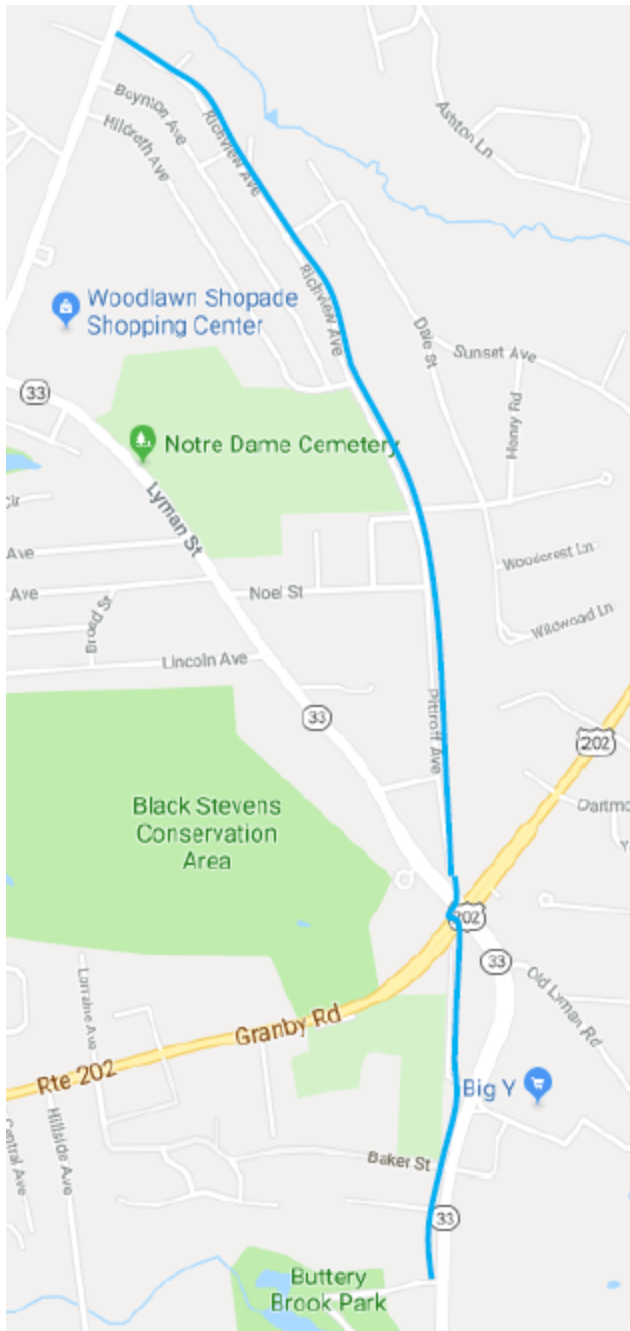
The Work includes, but is not limited to, tree trimming, unclassified excavation, hydrant remove and reset, gravel borrow, saw cutting asphalt pavement, new granite curb, bituminous curb removal, cement concrete sidewalk, HMA driveway, mailboxes to be removed and reset, loam borrow, seeding, thermoplastic for crosswalks and stop lines, thermoplastic for sharrows, and signs.

Newton Street (Route 116) to Buttery Brook Park On Street Bicycle Connector and Sidepath

The intersection of Route 202 with Route 33 is a busy and complicated intersection that was recently upgraded by MassDOT to improve traffic flow, enhance safety, and better accommodate bicycle and pedestrian travel. Additional amenities along Richview Avenue in the vicinity of this intersection could enhance bicycle and pedestrian travel to a number of areas of interest including the Black/Stevens Conservations Area, Bynan Conservation Area, Plains School, Big Y, Buttery Brook Park, and the Route 116 Bike Lanes. This project consists of the development of a signed on-road bicycle network with enhanced connections to the intersection, sidewalk replacement crosswalks on Richview Avenue and Pitroff Avenue and the construction of a shared use sidepath along the western side of Route 33 to connect to Buttery Brook Park. This project could be further enhanced through the installation of an additional solar powered bike share station at Buttery Brook Park.



Figure 5 - Visualization of a Buttery Brook Shared Use Sidepath



The residential streets of Belmont Avenue, Richview Avenue, and Pitroff Avenue (1.1 miles) currently provide a connection between Route 116 and Lyman Street. Pitroff Avenue ends in a cul-de-sac at Lyman Street just north of its intersection with Route 202. The development of an on-road bike route via signs and sharrows would provide a valuable connection between the existing painted bike lanes on Route 116 and the recently upgraded intersection of Route 202 with Route 33.

Similarly, Willimansett Street Extension (0.3 miles) ends in a cul-de-sac to the south of the intersection of Route 202 with Route 33. This roadway runs parallel to Route 33 and ends in another cul-de-sac to the north of the signalized intersection of Route 33 with Baker Street. Baker Street provides direct access to a commercial shopping center. The development of an on-road bike route via signs and sharrows would provide a valuable connection between the recently upgraded Route 202 and Route 33 intersection and allow bicyclists to access the existing commercial plaza.

Enhancements would be required for the existing sidewalk and ramps that connect Willimansett Street Extension to Route 202 and Route 33.

An existing sidewalk on the western side of Route 33 provides access from Baker Street to Buttery Brook Park. The upgrade of this sidewalk to a 10 foot wide paved bituminous shared use path would provide a valuable connection for both pedestrians and bicyclists to the Buttery Brook Park Recreation area. Installation of another bike share station would enhance the new regional ValleyBike share system which will begin operation in May of 2018. This would provide a fourth station for the Town of South Hadley and support future expansion of the bike share to the City of Chicopee.

The Work proposed includes all incidental labor, material, and equipment necessary to complete the following, but not limited to: ADA/AAB-compliant Curb Ramps (P2); Detectable Warning Surfaces (P3); New Sidewalks (P5); Shared lane markings (B8); Bike route signs and heat applied thermoplastic pavement markings (B9); New Shared Use Path (B12); and Bike Facilities - Other (BO).

The Work includes, but is not limited to, tree trimming, unclassified excavation, hydrant remove and reset, gravel borrow, saw cutting asphalt pavement, new granite curb, bituminous curb removal, cement concrete sidewalk, HMA driveway, mailboxes to be removed and reset, loam borrow, seeding, thermoplastic for crosswalks and stop lines, thermoplastic for sharrows, and signs.

Lyman Street Pedestrian Activated Beacons

This project would consist of the installation of pedestrian activated beacons at two locations along Lyman Street and one on Brainerd Street. The three locations are: Brainerd Street at its intersection with Lyman Street, Lyman Street in the vicinity of House #155, and Lyman Street at its intersection with Lexington Street. The project would also improve/update the existing crosswalks signs and heat applied thermoplastic pavement markings (MUTCD) and upgraded cement ramps with cast-in-place replaceable tactile warning panels designed to meet current ADA/AAB standards.

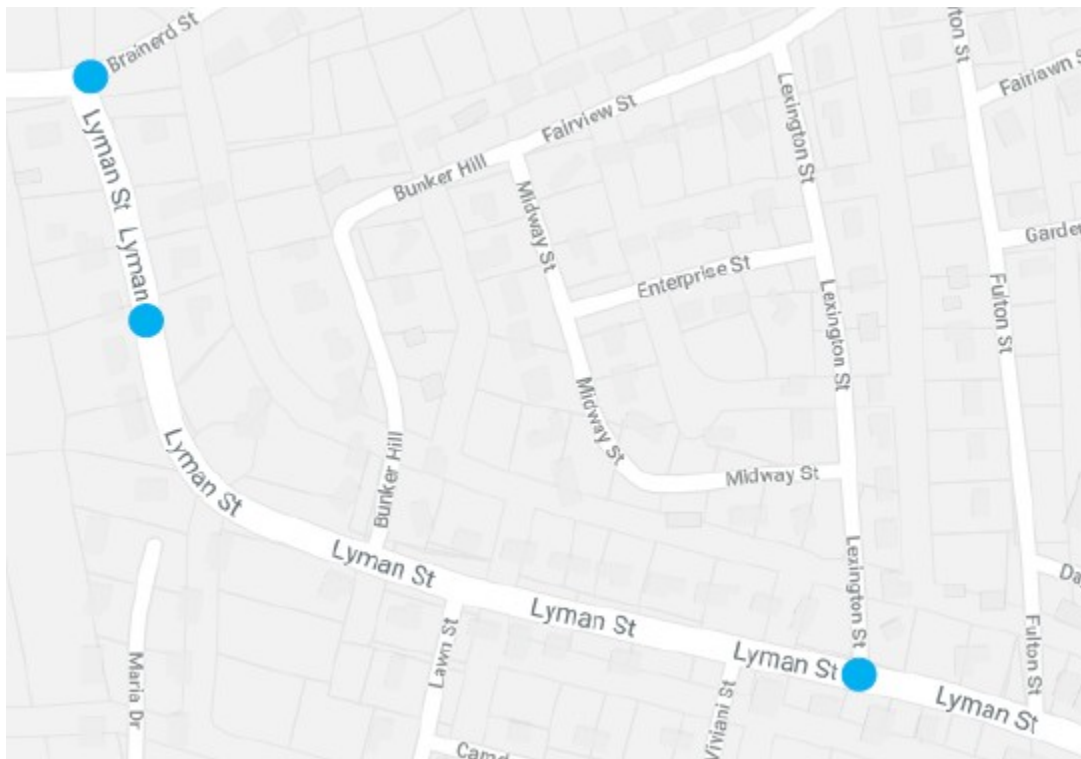




Figure 6 - Visualization of a Midblock Crosswalk on Lyman Street

Lyman Street and Brainerd Street currently provide a good network of sidewalks to connect the existing residential neighborhoods to amenities on the Route 116 corridor. Brainerd Street is also an important pedestrian connection to Mosier Street and both the Michael E. Smith Middle School and Mosier Elementary School. The three crosswalks are located in areas where the existing sidewalk ends along one side of the street and it becomes necessary to cross the street to continue to walk on the sidewalk. Upgrades to install improved pedestrian amenities and pedestrian activated beacons will improve pedestrian safety and encourage more pedestrian activity along Lyman Street.

The Work proposed includes all incidental labor, material, and equipment necessary to complete the following, but not limited to: ADA/AAB-compliant Curb Ramps (P2); Detectable Warning Surfaces (P3); Accessible Pedestrian Signals including advance warning signals (P11); and New or Improved Crossing Treatments at Intersections (P12).

The Work includes, but is not limited to, tree trimming, unclassified excavation, gravel borrow, saw cutting asphalt pavement, new granite curb, cement concrete sidewalk, HMA driveway, loam borrow, seeding, thermoplastic for crosswalks and stop lines, and signs.

Route 33 at Baker Street Pedestrian Signal Upgrades

This project consists of the upgrade of existing pedestrian infrastructure at the signalized intersection of Willimansett Street (Route 33) with Baker Street. While this intersection has existing pedestrian signals, they do not meet current standards or provide countdown timers to assist pedestrians. In addition, the existing pavement markings, signs and ramps do not meet current standards. This project would improve the pedestrian amenities in the vicinity of the intersection.



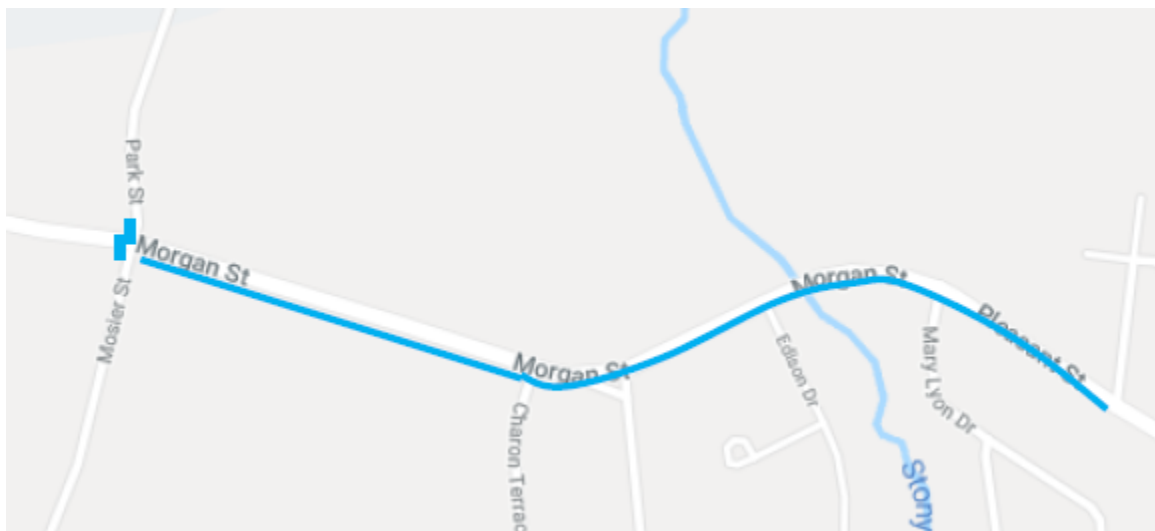
The average daily traffic on Route 33 north of this intersection is 15,282 vehicles per day. In addition, Baker Street provides direct access to a neighborhood grocery store, doctor's office, and bank. Improvements to this intersection would improve pedestrian safety and encourage more people to walk from the surrounding neighborhoods to this commercial area. In addition, these improvements could also inspire future improvements to connect this area to the Bynan Conservation area via Old Lyman Road and Lyman Terrace.

The Work proposed includes all incidental labor, materials and equipment necessary to complete the following, but not limited to: Providing ADA/AAB compliant curb ramps (P2); Detectable warning surfaces (P3); Providing new sidewalks (P5); Curb work at pedestrian crossings (P8); Crosswalks (P9); Widening existing sidewalks (P10); Accessible pedestrian signals (P11); and New Pedestrian Accommodations at Existing Traffic Signals (P13).

The Work includes unclassified excavation, pavement milling, drainage adjustments, cement concrete sidewalks, curb work and wheelchair ramps, granite curb, pavement markings, signs, installation of count-down pedestrian actuated signal heads, and other minor utility adjustments and other incidental work.

Morgan Street (Park Street to Granby Town Line)

This project consists of the construction of 0.7 miles of new 6 foot cement concrete sidewalk along the northern side of Morgan Street from its intersection with Park Street and Mosier Street to the Granby Town Line. Additional sidewalk in this area would extend the existing pedestrian network to connect to the existing residential neighborhoods off of Morgan Street. In addition, this improvement would provide a future connection to the Granby “Five Corners” area pending the construction of sidewalks along Pleasant Street. Improvements would consist of new cement concrete sidewalk, granite curbing, crosswalks with ADA/AAB compliant ramps at 2 locations, and pedestrian upgrades at the intersection of Morgan Street with East Street and Morgan at Mosier Street and Park Street.



The intersection of Morgan Street with East Street would also be upgraded as part of this project. This intersection currently has an unusual “Y” configuration with no pedestrian amenities. Improvements would consist of new sidewalks in the vicinity of the intersection, new crosswalks, one pedestrian activated beacon, new ADA/AAB compliant ramps, upgraded signs, and upgraded pavement markings.

The Work proposed includes all incidental labor, material, and equipment necessary to complete the following, but not limited to: New or Improved Crossing Treatments at Intersections (P12); ADA/AAB-compliant Curb Ramps (P2); Detectable Warning Surfaces (P3); New Sidewalks (P5); and New Granite Curbing or Edging on Uncurbed Streets (S14).

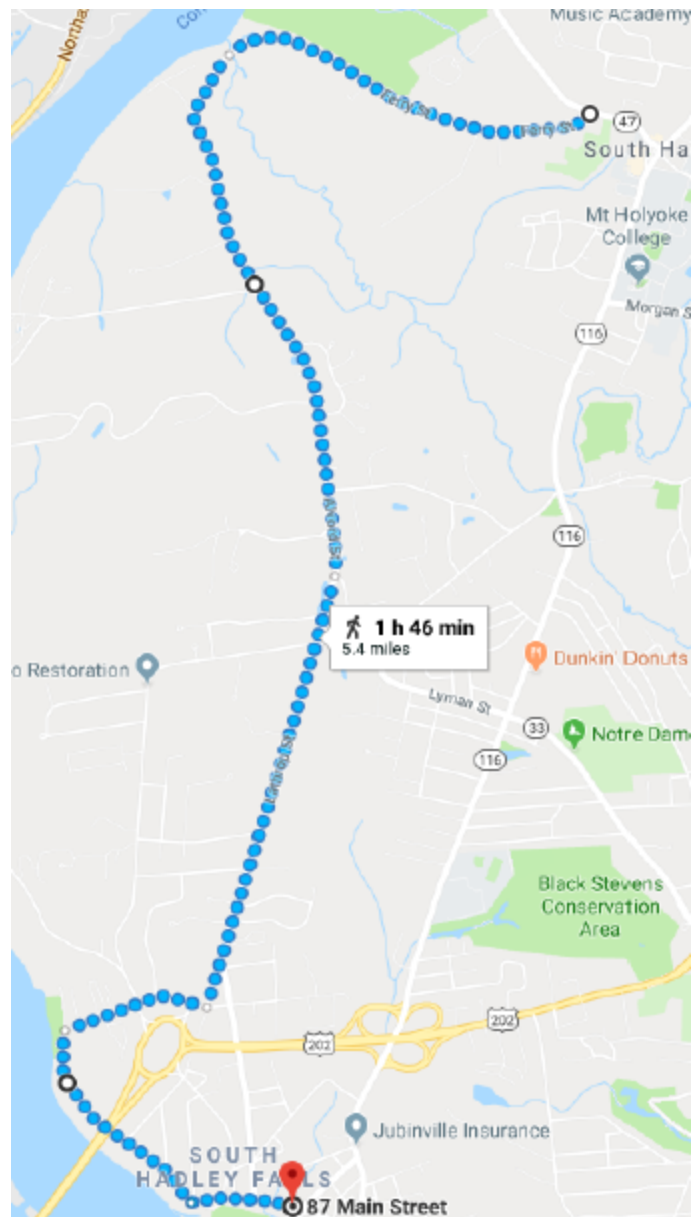
The Work includes, but is not limited to, tree trimming, unclassified excavation, hydrant remove and reset, gravel borrow, saw cutting asphalt pavement, new granite curb, bituminous curb removal, cement concrete sidewalk, HMA driveway, mailboxes to be removed and reset, loam borrow, seeding, thermoplastic for crosswalks and stop lines, and signs.

Lathrop Street Bicycle Route (Ferry Street/ Alvord / Lathrop/ West Summit Street/ Canal Street)

This project consists of marked shoulders on both sides of the Alvord and Lathrop Street and shared use of West Summit Street and Canal Street. The lower traffic volumes on Lathrop (4,799 ADT) and Canal Street (1,218 ADT); the moderate vehicle speeds (30 mph); and fewer trucks; provide local bicyclists with an alternative to the heavily traveled section of Route 116 (11,329 ADT). This marked bicycling route will improve access to Alvord Street and recreational trails on Ferry Street. This route will allow bicyclists the option of connecting south by way of Canal Street, or traveling directly under Route 202 (Granby Road) to South Hadley Falls via Bardwell Street.

This project consists of the construction of marked shoulders for bicyclist delineating a 5.4 mile on-road bike route, with pavement markings delineating 10 foot traffic calming travel lanes in both directions. The work proposed includes all incidental labor, material, and equipment necessary to complete the following, but not limited to; striped shoulders, MUTCD pavement symbols, shoulder stabilization, signage and crack sealing to existing pavement where needed.

The Work includes, but is not limited to, tree trimming, HMA driveway, mailboxes to be removed and reset, loam borrow, seeding, paint for pavement markings, and installation of signs.



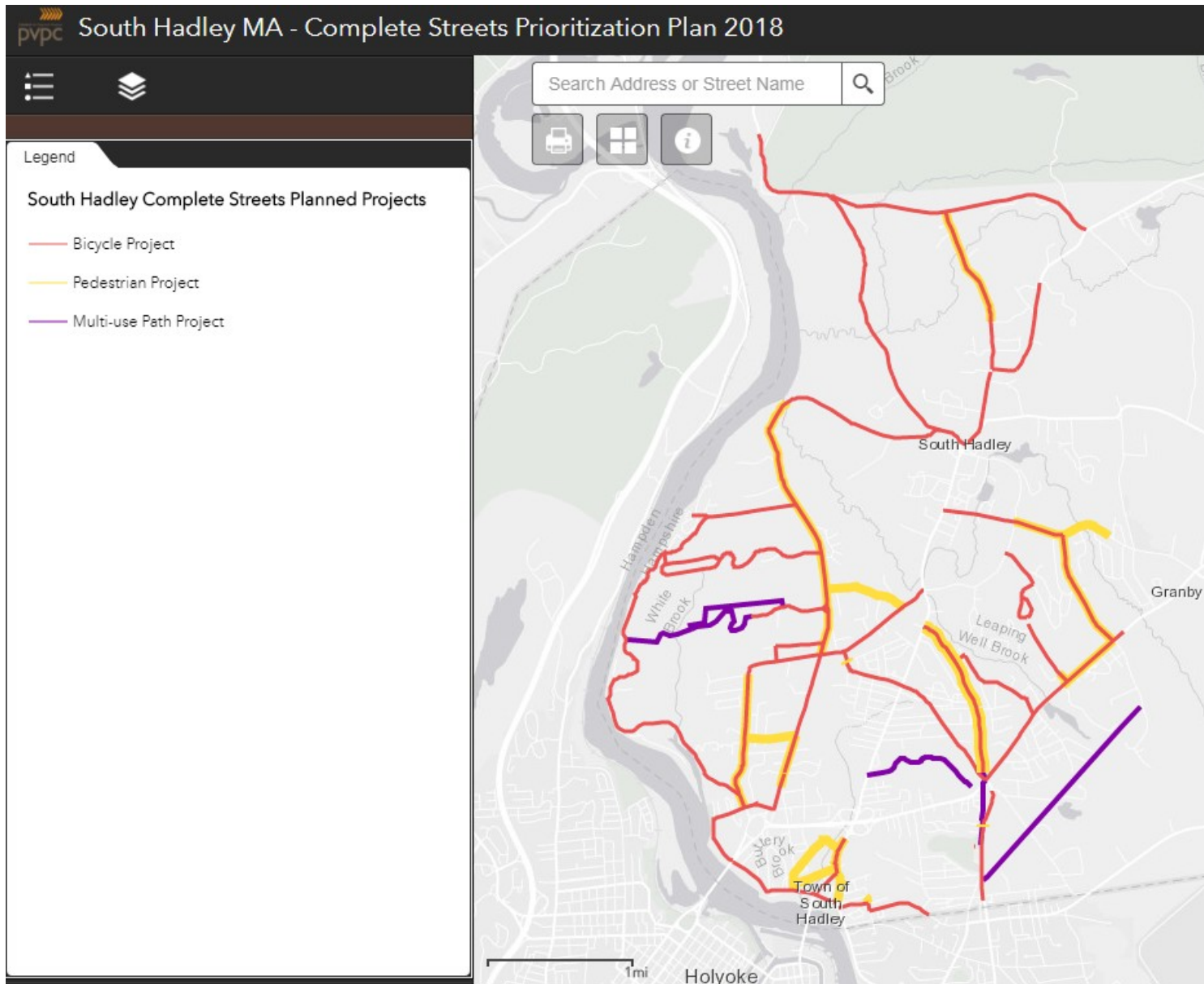


Figure 7 - South Hadley Complete Streets Map of Identified Projects

Conclusion

Next Steps

The next step in the Massachusetts Complete Streets Funding Program is the submittal of the Complete Streets Prioritization Plan to MassDOT for acceptance. Upon acceptance of the plan (which can take up to 3 weeks) the Town will be eligible to apply for up to \$400,000 in funding to construct projects included as part of the approved Prioritization Plan. A summary of the current Complete Streets Funding Program Deadlines are shown in Table 9.

Table 8 - Complete Streets Funding Program Deadlines

Fiscal Year 2018	Tier 1 Policy	Tier 2 Prioritization Plan	Tier 3 Construction Application	Award Notification/Notice to Proceed
Round 1	Rolling	April 1	May 1	Mid-Late June / Mid-August
Round 2	Rolling	September 1	October 1	Mid-Late November / Mid-December
MassDOT Response Time	Allow 3 weeks for Policy Score	3 Weeks for Plan Review. Allow time for revisions.	1 ½ months for Application Review	

Source: MassDOT

Upon acceptance of the South Hadley Complete Streets Prioritization Plan by MassDOT, the Town will have until May 1, 2018 to submit an application for construction funds during Round 1 of the program. The award of these funds is typically announced during the summer months. For more information on the requirements for Tier 3 Construction Applications, please refer to the Massachusetts Complete Streets Funding Program Portal:

<https://masscompletestreets.com/>

A table of all of the projects included in the South Hadley Complete Streets Prioritization Plan is included in the Appendix to this document. This table includes estimates of the total construction cost for each project as well information on the anticipated length of construction and desired construction start date.

Appendix

South Hadley Complete Streets Policy

§ 402-1 Findings and purpose; applicability.

- D. Complete streets are designed and operated to provide safety and accessibility for all the users of Town roadways, trails and transit systems, including pedestrians, bicyclists, transit riders, motorists, commercial vehicles, and emergency vehicles, and for people of all ages and abilities. Complete streets principles contribute toward the safety, health, economic viability, equity and quality of life in a community by providing accessible and efficient connections between home, schools, work, recreation, and retail destinations by improving the pedestrian and vehicular improvements through the community.
- E. The purpose of South Hadley's complete streets policy is to provide accommodations for all road users by creating a road network that meets the needs of individuals utilizing a full range of transportation modes. To the best extent possible, the Town of South Hadley will ensure that all plans, designs, operations and maintenance of streets safely accommodate all users of all ages and abilities. This policy directs decision makers to consistently plan, design, construct, and maintain streets for the accommodation of all anticipated users, including, but not limited to, pedestrians, bicyclists, motorists, emergency vehicles, transit, freight, and commercial vehicles, in a context-sensitive manner.
- F. This policy shall apply to all municipal, state, and federal (when allowed by law) roadway repairs, upgrades, and expansion projects within the public right-of-way and private developments requiring approval from the Town. Procedures will be developed to ensure complete street elements are incorporated into these activities.

§ 402-2 Scope; compliance required.

- A. The Town of South Hadley recognizes that all users of all modes, including, but not limited to, pedestrians, bicyclists, transit users, school bus riders, motorcyclists, motorists, delivery and service personnel, freight haulers, and emergency responders, are legitimate users of streets and deserve safe facilities. "All users" includes users of all ages and abilities, including those with disabilities.
- B. The Town of South Hadley recognizes that all projects (new, maintenance, or reconstruction) are opportunities to implement complete streets design principles.

The Town will, to the maximum extent possible, design, construct, maintain, and operate all streets to provide for a comprehensive and integrated street network of facilities for people of all ages and abilities.

- C. Complete streets design recommendations shall be incorporated into all publicly and privately funded projects, as appropriate. All transportation infrastructure and street design projects requiring funding or approval from the Town of South Hadley, as well as projects funded by the state or federal government, such as Chapter 90 funds, city improvement grants, Transportation Improvement Program (TIP), MassWorks Infrastructure Program, Community Development Block Grants (CDBG), Capital Funding, and other state and federal funds for street and infrastructure design, shall adhere to the Town of South Hadley's Complete Streets Policy. Private developers and related street design components or corresponding street-related components, including new subdivisions, shall adhere to the Complete Streets Policy for the Town of South Hadley. In addition, to the extent practical, state-owned roadways will comply with the complete streets resolution, including the design, construction, and maintenance of such roadways with the Town boundaries.

§ 402-3 Exceptions.

Exceptions to the policy are only allowed upon approval of the Town Administrator based on recommendations by the Police Chief, Town Planner and DPW Superintendent, or other relevant departments or authority:

- A. Facilities where specific users are prohibited by law, such as interstate freeways or pedestrian malls. An effort will be made in these cases for accommodations elsewhere.
- B. Where cost of accommodation is excessively disproportionate to the need or probable use or probable future use.
- C. The existing public right-of-way or adjacent land is constrained in a manner that inhibits the addition of transit, bicycle, or pedestrian improvements. In this case, the Town shall consider alternatives such as lane reduction, lane narrowing, on-street parking relocation, shoulders, signage, traffic calming, or enforcement.
- D. Where such facilities would constitute a threat to public safety or health.
- E. Where construction and future maintenance will create significant adverse environmental impacts to streams, floodplains, wetlands, or historical resources.

§ 402-4 Best practices.

- A. The Town of South Hadley's Complete Streets Policy will focus on developing and maintaining a connected, integrated network that serves all road users. Complete

streets will be integrated into policies, planning, and design of all types of public and private projects, including new construction, reconstruction, rehabilitation, repair, and maintenance of transportation facilities on streets and redevelopment projects.

- B. Implementation of the Town of South Hadley's Complete Streets Policy will be carried out cooperatively within all departments in the Town of South Hadley, with multijurisdictional cooperation, to the greatest extent possible, among private developers, and state, regional, and federal agencies.
- C. Complete streets principles include the development and implementation of projects in a context-sensitive manner in which project implementation is sensitive to the community's physical, economic, and social setting. The context-sensitive approach to process and design includes a range of goals by considering stakeholder and community values on a level plane with the project need. It includes goals related to livability with greater participation of those affected in order to gain project consensus. The overall goal of this approach is to preserve and enhance scenic, aesthetic, historical, and environmental resources while improving or maintaining safety, mobility, and infrastructure conditions.
- D. The latest design guidance, standards, and recommendations available will be used in the implementation of complete streets, including:
 - i) Massachusetts Department of Transportation, Project Development and Design Guidebook.
 - ii) Massachusetts Department of Transportation Separated Bike Lane Planning and Design Guide.
 - iii) Institute of Transportation Engineers (ITE) Designing Walkable Urban Thoroughfares: A Context Sensitive Approach.
 - iv) National Association of City Transportation Officials (NACTO) Urban Bikeway Design Guide and Urban Street Design Guide.
 - v) Federal Highway Administration Separated Bike Lane Planning and Design Guide.
 - vi) American Association of State Highway Transportation Officials (AASHTO), A Policy on Geometric Design of Highway and Streets, as well as the AASHTO Guide for the Development of Bicycle Facilities.
 - vii) United States Department of Transportation Federal Highway Administration's Manual on Uniform Design Controls.
 - viii) The Architectural Access Board (AAB) Rules and Regulations.
 - ix) Documents and plans created for the Town of South Hadley, such as bicycle and pedestrian network plans.

§ 402-5 Performance measures.

Complete streets implementation and effectiveness should be constantly evaluated for success and opportunities for improvement. The Town will develop performance measures to gauge the implementation and effectiveness of the policies. These performance measures may include, but not be limited to:

- A. Number of staff with complete streets training.
- B. Total miles of bike lanes.
- C. Total miles of roadway with a shoulder of four feet wide or greater.
- D. Linear feet of sidewalk added or reconstructed.
- E. Crosswalk and intersection improvements.
- F. Number of crosswalks evaluated for ADA compliance.
- G. Number of ADA-compliant curb ramps installed.
- H. Closure of gaps in bicycle/pedestrian infrastructure network.
- I. Number of bicycle racks installed.
- J. Crash and personal injury data.
- K. Citations for traffic violations.
- L. Public participation in bicycle, pedestrian, and transit systems.
- M. Estimate of the quantity of funds applied toward the design and construction of complete streets measures.

§ 402-6 Implementation.

- A. The Town shall seek to make complete streets practices a routine part of everyday operations, shall approach transportation projects and programs as an opportunity to improve streets and the transportation network for all users, and shall work in coordination with other departments, agencies, and jurisdictions to achieve complete streets.
- B. Implementation of this policy will be coordinated by the DPW Superintendent and be carried out cooperatively within all departments in the Town of South Hadley, with multijurisdictional cooperation, to the greatest extent possible, among private developers, and state, regional, and federal agencies.
- C. The Town will maintain a comprehensive inventory of pedestrian and bicycle facility infrastructure that will prioritize projects to eliminate gaps in the sidewalk network and to implement the Town's complete streets build-out vision.
- D. The Town shall review and either revise or develop proposed revisions to all appropriate planning documents (master plan, open space and recreation plan, etc.),

zoning and subdivision codes, bylaws, procedures, rules, regulations, guidelines, programs, and templates to integrate complete streets principles.

- E. The Town shall promote interdepartmental project coordination among Town departments with an interest in the public right-of-way in order to make enhanced use of fiscal resources.
- F. The Town will train pertinent Town staff and decision-makers on the content of complete streets principles and best practices for implementing the Town's complete streets policy.
- G. The Town will seek out appropriate sources of funding and grants for implementation of complete streets policies.

Traffic Counts

Pioneer Valley Planning Commission

Page 1

Location : South Hadley
 Operator : AA, YM
 Counter # : 2074
 Road Class :Local

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9361
 Station ID:
 Abbey St
 E/O Route 33
 Latitude: 0' 0.0000 Undefined

Start Time	16-Oct-17		17-Oct-17		18-Oct-17		19-Oct-17		20-Oct-17		Weekday Average		21-Oct-17		22-Oct-17	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	7	0	4	1	*	*	6	0	*	*	*	*
01:00	*	*	*	*	0	2	2	3	*	*	1	2	*	*	*	*
02:00	*	*	*	*	5	7	5	8	*	*	5	8	*	*	*	*
03:00	*	*	*	*	6	13	7	10	*	*	6	12	*	*	*	*
04:00	*	*	*	*	12	12	8	14	*	*	10	13	*	*	*	*
05:00	*	*	*	*	45	38	45	38	*	*	45	37	*	*	*	*
06:00	*	*	*	*	69	59	71	61	*	*	70	60	*	*	*	*
07:00	*	*	*	*	71	64	78	66	*	*	74	65	*	*	*	*
08:00	*	*	*	*	45	50	55	38	*	*	50	44	*	*	*	*
09:00	*	*	*	*	45	33	34	29	*	*	40	31	*	*	*	*
10:00	*	*	*	*	64	56	41	33	*	*	52	44	*	*	*	*
11:00	*	*	*	*	64	66	59	55	*	*	62	60	*	*	*	*
12:00 PM	*	*	*	*	68	49	59	53	*	*	64	51	*	*	*	*
01:00	*	*	*	*	87	52	87	67	*	*	87	60	*	*	*	*
02:00	*	*	*	*	88	60	89	79	*	*	88	70	*	*	*	*
03:00	*	*	*	*	76	69	93	89	*	*	84	79	*	*	*	*
04:00	*	*	*	*	83	74	100	79	*	*	92	76	*	*	*	*
05:00	*	*	60	58	69	58	*	*	*	*	64	58	*	*	*	*
06:00	*	*	44	43	38	52	*	*	*	*	41	48	*	*	*	*
07:00	*	*	30	24	34	31	*	*	*	*	32	28	*	*	*	*
08:00	*	*	16	16	18	15	*	*	*	*	17	16	*	*	*	*
09:00	*	*	6	26	12	28	*	*	*	*	9	27	*	*	*	*
10:00	*	*	5	5	9	13	*	*	*	*	7	9	*	*	*	*
11:00	*	*	0	3	3	2	*	*	*	*	2	2	*	*	*	*
Total	0	0	161	175	1018	903	837	721	0	0	1008	900	0	0	0	0
Day	0	0	336	336	1921	1921	1558	1558	0	0	1908	1908	0	0	0	0
AM Peak	-	-	-	-	07:00	11:00	07:00	07:00	-	-	07:00	07:00	-	-	-	-
Vol.	-	-	-	-	71	66	78	68	-	-	74	65	-	-	-	-
PM Peak	-	-	17:00	17:00	14:00	16:00	16:00	15:00	-	-	16:00	15:00	-	-	-	-
Vol.	-	-	60	58	88	74	100	89	-	-	92	79	-	-	-	-

Comb. Total	0	336	1921	1558	0	1908	0	0
ADT	ADT 1,907	AADT 1,907						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2072
 Road Class :U5

60 Congress Street
 Springfield, MA 01104
(413) 781-6045 www.pvpc.org

Site Code: 9362
 Station ID:
 Old Lyman Road
 E/O Route 33
 Latitude: 0' 0.0000 Undefined

Start Time	16-Oct-17		17-Oct-17		18-Oct-17		19-Oct-17		20-Oct-17		Weekday Average		21-Oct-17		22-Oct-17	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	4	9	8	6	*	*	6	8	*	*	*	*
01:00	*	*	*	*	5	7	1	6	*	*	3	6	*	*	*	*
02:00	*	*	*	*	5	0	4	2	*	*	4	1	*	*	*	*
03:00	*	*	*	*	9	10	10	7	*	*	10	8	*	*	*	*
04:00	*	*	*	*	9	6	8	5	*	*	8	6	*	*	*	*
05:00	*	*	*	*	22	13	26	14	*	*	24	14	*	*	*	*
06:00	*	*	*	*	87	71	86	63	*	*	86	67	*	*	*	*
07:00	*	*	*	*	122	127	123	154	*	*	122	140	*	*	*	*
08:00	*	*	*	*	169	162	119	126	*	*	144	144	*	*	*	*
09:00	*	*	*	*	137	143	100	104	*	*	118	124	*	*	*	*
10:00	*	*	*	*	126	120	100	94	*	*	113	107	*	*	*	*
11:00	*	*	*	*	157	149	123	116	*	*	140	132	*	*	*	*
12:00 PM	*	*	*	*	134	129	110	114	*	*	122	122	*	*	*	*
01:00	*	*	*	*	187	124	134	92	*	*	160	108	*	*	*	*
02:00	*	*	*	*	175	142	146	126	*	*	160	134	*	*	*	*
03:00	*	*	*	*	173	153	171	147	*	*	172	150	*	*	*	*
04:00	*	*	*	*	175	152	151	157	*	*	163	154	*	*	*	*
05:00	*	*	175	146	155	145	*	*	*	*	165	146	*	*	*	*
06:00	*	*	144	120	135	112	*	*	*	*	140	116	*	*	*	*
07:00	*	*	61	62	59	35	*	*	*	*	60	48	*	*	*	*
08:00	*	*	47	45	55	66	*	*	*	*	51	56	*	*	*	*
09:00	*	*	32	23	30	30	*	*	*	*	31	26	*	*	*	*
10:00	*	*	15	10	16	16	*	*	*	*	16	13	*	*	*	*
11:00	*	*	13	7	15	11	*	*	*	*	14	9	*	*	*	*
Total	0	0	487	413	2161	1932	1420	1333	0	0	2032	1839	0	0	0	0
Day	0		900		4093		2753		0		3871		0		0	
AM Peak	-	-	-	-	08:00	08:00	07:00	07:00	-	-	08:00	08:00	-	-	-	-
Vol.	-	-	-	-	169	162	123	154	-	-	144	144	-	-	-	-
PM Peak	-	-	17:00	17:00	13:00	15:00	15:00	16:00	-	-	15:00	16:00	-	-	-	-
Vol.	-	-	175	146	187	153	171	157	-	-	172	154	-	-	-	-

Comb. Total	0	900	4093	2753	0	3871	0	0
ADT	ADT 3,873	AADT 3,873						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2077
 Road Class : U3

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9363 and 9364
 Station ID:
 Route 33
 S/O Old Lyman Road
 Latitude: 0' 0.0000 Undefined

Start Time	16-Oct-17		17-Oct-17		18-Oct-17		19-Oct-17		20-Oct-17		Weekday Average		21-Oct-17		22-Oct-17	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	24	28	27	35	*	*	26	32	*	*	*	*
01:00	*	*	*	*	20	14	15	14	*	*	18	14	*	*	*	*
02:00	*	*	*	*	14	14	14	16	*	*	14	15	*	*	*	*
03:00	*	*	*	*	16	12	13	11	*	*	14	12	*	*	*	*
04:00	*	*	*	*	31	33	31	38	*	*	31	36	*	*	*	*
05:00	*	*	*	*	110	74	103	90	*	*	106	82	*	*	*	*
06:00	*	*	*	*	217	188	217	213	*	*	217	200	*	*	*	*
07:00	*	*	*	*	429	331	445	369	*	*	437	350	*	*	*	*
08:00	*	*	*	*	442	448	438	449	*	*	440	448	*	*	*	*
09:00	*	*	*	*	407	380	405	410	*	*	406	395	*	*	*	*
10:00	*	*	*	*	431	464	410	403	*	*	420	434	*	*	*	*
11:00	*	*	*	*	512	571	457	518	*	*	484	544	*	*	*	*
12:00 PM	*	*	*	*	560	539	512	533	*	*	536	536	*	*	*	*
01:00	*	*	*	*	511	561	487	523	*	*	499	542	*	*	*	*
02:00	*	*	*	*	536	555	579	556	*	*	558	556	*	*	*	*
03:00	*	*	*	*	539	651	625	718	*	*	582	684	*	*	*	*
04:00	*	*	*	*	603	690	691	737	*	*	647	714	*	*	*	*
05:00	*	*	605	673	611	692	*	*	*	*	608	682	*	*	*	*
06:00	*	*	479	567	534	543	*	*	*	*	506	555	*	*	*	*
07:00	*	*	322	374	332	393	*	*	*	*	327	384	*	*	*	*
08:00	*	*	209	280	245	319	*	*	*	*	227	290	*	*	*	*
09:00	*	*	152	178	144	199	*	*	*	*	148	188	*	*	*	*
10:00	*	*	96	114	112	138	*	*	*	*	104	126	*	*	*	*
11:00	*	*	54	60	57	43	*	*	*	*	56	52	*	*	*	*
Total Day	0	0	1917	2226	7437	7880	5469	5633	0	0	7411	7871	0	0	0	0
AM Peak	-	-	-	-	11:00	11:00	11:00	11:00	-	-	11:00	11:00	-	-	-	-
Vol.	-	-	-	-	512	571	457	518	-	-	484	544	-	-	-	-
PM Peak	-	-	17:00	17:00	17:00	17:00	16:00	16:00	-	-	16:00	16:00	-	-	-	-
Vol.	-	-	605	673	611	692	691	737	-	-	647	714	-	-	-	-

Comb. Total	0	4143	15317	11102	0	15282	0	0
ADT	ADT 4,003	AADT 4,003						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2075
 Road Class :U6

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9524
 Station ID:
 New Ludlow Rd
 @ Chicopee T.L.
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	24	21	23	19	*	*	24	20	*	*	*	*
01:00	*	*	*	*	17	18	15	17	*	*	18	18	*	*	*	*
02:00	*	*	*	*	17	13	15	9	*	*	16	11	*	*	*	*
03:00	*	*	*	*	14	22	19	20	*	*	16	21	*	*	*	*
04:00	*	*	*	*	27	21	22	18	*	*	24	20	*	*	*	*
05:00	*	*	*	*	67	71	58	65	*	*	62	68	*	*	*	*
06:00	*	*	*	*	233	228	240	260	*	*	238	243	*	*	*	*
07:00	*	*	*	*	278	368	286	343	*	*	282	356	*	*	*	*
08:00	*	*	*	*	247	325	264	352	*	*	256	338	*	*	*	*
09:00	*	*	*	*	203	238	199	228	*	*	201	233	*	*	*	*
10:00	*	*	*	*	205	221	214	229	*	*	210	225	*	*	*	*
11:00	*	*	*	*	237	236	230	207	*	*	234	222	*	*	*	*
12:00 PM	*	*	*	*	317	275	260	278	*	*	288	276	*	*	*	*
01:00	*	*	*	*	260	250	282	252	*	*	271	251	*	*	*	*
02:00	*	*	*	*	367	318	350	295	*	*	358	308	*	*	*	*
03:00	*	*	441	430	446	423	*	*	*	*	444	428	*	*	*	*
04:00	*	*	499	438	455	416	*	*	*	*	477	427	*	*	*	*
05:00	*	*	371	404	380	372	*	*	*	*	378	388	*	*	*	*
06:00	*	*	199	189	252	238	*	*	*	*	226	214	*	*	*	*
07:00	*	*	173	103	250	104	*	*	*	*	212	104	*	*	*	*
08:00	*	*	188	82	139	99	*	*	*	*	162	90	*	*	*	*
09:00	*	*	107	74	97	66	*	*	*	*	102	70	*	*	*	*
10:00	*	*	69	45	64	41	*	*	*	*	66	43	*	*	*	*
11:00	*	*	41	36	31	42	*	*	*	*	38	39	*	*	*	*
Total Day	0	0	2088	1801	4627	4420	2477	2592	0	0	4595	4407	0	0	0	0
AM Peak	-	-	-	-	07:00	07:00	07:00	08:00	-	-	07:00	07:00	-	-	-	-
Vol.	-	-	-	-	278	368	286	352	-	-	282	356	-	-	-	-
PM Peak	-	-	16:00	16:00	16:00	15:00	14:00	14:00	-	-	16:00	16:00	-	-	-	-
Vol.	-	-	499	438	455	423	350	295	-	-	477	427	-	-	-	-

Comb. Total	0	3887	9047	5069	0	9002	0	0
ADT	ADT 9,002	AADT 9,002						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2073
 Road Class : Local

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 0000000000000009525
 Station ID: 000000000000000000
 Old Lyman St
 N/O New Ludlow Rd
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	6	7	5	11	*	*	6	9	*	*	*	*
01:00	*	*	*	*	6	8	5	6	*	*	6	7	*	*	*	*
02:00	*	*	*	*	6	3	3	2	*	*	4	2	*	*	*	*
03:00	*	*	*	*	6	4	7	6	*	*	6	5	*	*	*	*
04:00	*	*	*	*	6	3	8	2	*	*	7	2	*	*	*	*
05:00	*	*	*	*	20	25	22	19	*	*	21	22	*	*	*	*
06:00	*	*	*	*	93	58	92	68	*	*	92	62	*	*	*	*
07:00	*	*	*	*	117	137	99	118	*	*	108	128	*	*	*	*
08:00	*	*	*	*	110	131	120	151	*	*	115	141	*	*	*	*
09:00	*	*	*	*	109	91	87	77	*	*	98	84	*	*	*	*
10:00	*	*	*	*	71	72	83	75	*	*	77	74	*	*	*	*
11:00	*	*	*	*	101	95	79	91	*	*	90	93	*	*	*	*
12:00 PM	*	*	*	*	112	103	98	108	*	*	105	108	*	*	*	*
01:00	*	*	*	*	106	98	101	99	*	*	104	98	*	*	*	*
02:00	*	*	*	*	124	120	116	94	*	*	120	107	*	*	*	*
03:00	*	*	131	173	161	169	*	*	*	*	146	171	*	*	*	*
04:00	*	*	168	175	159	153	*	*	*	*	164	164	*	*	*	*
05:00	*	*	148	135	152	145	*	*	*	*	150	140	*	*	*	*
06:00	*	*	68	58	123	91	*	*	*	*	96	74	*	*	*	*
07:00	*	*	53	30	66	35	*	*	*	*	60	32	*	*	*	*
08:00	*	*	36	22	42	48	*	*	*	*	39	35	*	*	*	*
09:00	*	*	26	21	31	29	*	*	*	*	28	25	*	*	*	*
10:00	*	*	20	15	19	14	*	*	*	*	20	14	*	*	*	*
11:00	*	*	9	7	7	11	*	*	*	*	8	9	*	*	*	*
Total	0	0	659	636	1753	1648	925	927	0	0	1670	1604	0	0	0	0
Day	0	0	1295	1295	3401	3401	1852	1852	0	0	3274	3274	0	0	0	0
AM Peak	-	-	-	-	07:00	07:00	08:00	08:00	-	-	08:00	08:00	-	-	-	-
Vol.	-	-	-	-	117	137	120	151	-	-	115	141	-	-	-	-
PM Peak	-	-	16:00	16:00	15:00	15:00	14:00	12:00	-	-	16:00	15:00	-	-	-	-
Vol.	-	-	168	175	161	169	116	108	-	-	164	171	-	-	-	-

Comb. Total	0	1295	3401	1852	0	3274	0	0
ADT	ADT 3,327	AADT 3,327						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2088
 Road Class :Local

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9527
 Station ID:
 College St
 S/O Leahy Ave
 Latitude: 0' 0.0000 Undefined

Start Time	06-Nov-17		07-Nov-17		08-Nov-17		09-Nov-17		10-Nov-17		Weekday Average		11-Nov-17		12-Nov-17		
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	
12:00 AM	*	*	*	*	*	*	*	*	31	43	31	43	55	52	31	42	
01:00	*	*	*	*	*	*	*	*	19	21	19	21	22	40	23	27	
02:00	*	*	*	*	*	*	*	*	10	12	10	12	7	17	21	22	
03:00	*	*	*	*	*	*	*	*	15	14	15	14	13	13	13	17	
04:00	*	*	*	*	*	*	*	*	15	19	15	19	11	4	9	9	
05:00	*	*	*	*	*	*	*	*	61	43	61	43	29	13	18	10	
06:00	*	*	*	*	*	*	*	*	134	104	134	104	68	42	51	32	
07:00	*	*	*	*	*	*	*	*	235	196	235	196	108	108	88	57	
08:00	*	*	*	*	*	*	*	*	398	296	398	296	202	190	143	138	
09:00	*	*	*	*	*	*	*	*	361	333	361	333	270	248	205	193	
10:00	*	*	*	*	*	*	*	*	340	331	340	331	331	319	321	239	
11:00	*	*	*	*	*	*	*	*	372	369	372	369	382	340	329	298	
12:00 PM	*	*	*	*	*	*	*	*	401	377	401	377	432	366	345	384	
01:00	*	*	*	*	*	*	*	*	388	391	388	391	338	406	308	362	
02:00	*	*	*	*	*	*	*	*	364	471	364	471	386	417	337	335	
03:00	*	*	*	*	*	*	*	*	382	568	382	568	299	441	326	389	
04:00	*	*	*	*	*	*	*	485	569	399	539	442	554	291	420	288	398
05:00	*	*	*	*	*	*	*	481	636	446	540	464	588	305	304	264	325
06:00	*	*	*	*	*	*	*	400	388	334	371	367	380	282	233	200	188
07:00	*	*	*	*	*	*	*	277	317	240	259	258	288	204	243	146	185
08:00	*	*	*	*	*	*	*	189	240	167	198	178	219	131	169	135	145
09:00	*	*	*	*	*	*	*	142	180	118	183	130	182	100	159	53	95
10:00	*	*	*	*	*	*	*	77	114	93	169	85	142	109	180	57	64
11:00	*	*	*	*	*	*	*	59	77	80	103	70	90	92	97	43	43
Total	0	0	0	0	0	0	2110	2521	5403	5950	5520	6031	4467	4821	3752	3997	
Day	0		0		0		4631		11353		11551		9288		7749		
AM Peak	-	-	-	-	-	-	-	-	08:00	11:00	08:00	11:00	11:00	11:00	11:00	11:00	
Vol.	-	-	-	-	-	-	-	-	398	369	398	369	382	340	329	298	
PM Peak	-	-	-	-	-	-	16:00	17:00	17:00	15:00	17:00	17:00	12:00	15:00	12:00	16:00	
Vol.	-	-	-	-	-	-	485	636	446	568	464	588	432	441	345	398	

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2077
 Road Class : Local

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 2077
 Station ID:
 Morgan St
 W/O Mosier St
 Latitude: 0' 0.0000 Undefined

Start Time	06-Nov-17		07-Nov-17		08-Nov-17		09-Nov-17		10-Nov-17		Weekday Average		11-Nov-17		12-Nov-17		
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	
12:00 AM	*	*	*	*	*	*	*	*	5	6	5	6	8	8	3	3	
01:00	*	*	*	*	*	*	*	*	1	2	1	2	1	2	3	3	
02:00	*	*	*	*	*	*	*	*	0	0	0	0	1	1	4	5	
03:00	*	*	*	*	*	*	*	*	0	1	0	1	0	2	2	3	
04:00	*	*	*	*	*	*	*	*	1	6	1	6	1	0	1	1	
05:00	*	*	*	*	*	*	*	*	12	11	12	11	3	4	3	5	
06:00	*	*	*	*	*	*	*	*	18	50	18	50	6	9	5	9	
07:00	*	*	*	*	*	*	*	*	23	52	23	52	10	20	10	10	
08:00	*	*	*	*	*	*	*	*	29	81	29	81	19	25	21	29	
09:00	*	*	*	*	*	*	*	*	45	80	45	80	25	42	22	35	
10:00	*	*	*	*	*	*	*	*	42	45	42	45	55	60	31	38	
11:00	*	*	*	*	*	*	*	*	57	64	57	64	54	64	35	38	
12:00 PM	*	*	*	*	*	*	*	*	55	52	55	52	44	54	32	52	
01:00	*	*	*	*	*	*	*	*	63	51	63	51	42	69	44	46	
02:00	*	*	*	*	*	*	*	*	63	61	63	61	47	51	38	53	
03:00	*	*	*	*	*	*	*	96	65	86	63	91	64	65	55	49	44
04:00	*	*	*	*	*	*	84	63	74	51	79	57	47	44	44	50	
05:00	*	*	*	*	*	90	58	97	56	94	57	41	54	34	25		
06:00	*	*	*	*	31	44	27	51	29	48	27	29	27	29	27	34	
07:00	*	*	*	*	44	35	26	41	35	38	20	21	20	21	20	17	
08:00	*	*	*	*	16	22	23	24	20	23	24	16	17	12			
09:00	*	*	*	*	25	20	18	18	22	19	18	14	7	7			
10:00	*	*	*	*	11	8	19	11	15	10	10	15	4	8			
11:00	*	*	*	*	9	7	14	9	12	8	9	9	5	3			
Total	0	0	0	0	0	0	406	322	798	886	811	886	577	668	461	530	
Day	0	0	0	0	0	0	728	322	1684	886	1697	886	1245	668	991	530	
AM Peak	-	-	-	-	-	-	-	-	11:00	08:00	11:00	08:00	10:00	11:00	11:00	10:00	
Vol.	-	-	-	-	-	-	-	-	57	81	57	81	55	64	35	38	
PM Peak	-	-	-	-	-	-	15:00	15:00	17:00	15:00	17:00	15:00	15:00	13:00	15:00	14:00	
Vol.	-	-	-	-	-	-	96	65	97	63	94	64	65	69	49	53	

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2072
 Road Class : Local

60 Congress Street
 Springfield, MA 01104
(413) 781-6045 www.pvpc.org

Site Code: 9643
 Station ID:
 Morgan St
 E/O Park St
 Latitude: 0' 0.0000 Undefined

Start Time	06-Nov-17		07-Nov-17		08-Nov-17		09-Nov-17		10-Nov-17		Weekday Average		11-Nov-17		12-Nov-17	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	9	8	10	18	*	*	10	13	*	*	*	*
01:00	*	*	*	*	2	9	5	12	*	*	4	10	*	*	*	*
02:00	*	*	*	*	2	2	2	2	*	*	2	2	*	*	*	*
03:00	*	*	*	*	2	2	1	2	*	*	2	2	*	*	*	*
04:00	*	*	*	*	2	5	2	1	*	*	2	3	*	*	*	*
05:00	*	*	*	*	7	4	8	3	*	*	8	4	*	*	*	*
06:00	*	*	*	*	28	14	24	20	*	*	25	17	*	*	*	*
07:00	*	*	*	*	86	48	90	42	*	*	88	45	*	*	*	*
08:00	*	*	*	*	214	126	208	133	*	*	211	130	*	*	*	*
09:00	*	*	*	*	216	128	231	123	*	*	224	124	*	*	*	*
10:00	*	*	*	*	112	96	136	92	*	*	124	94	*	*	*	*
11:00	*	*	*	*	101	85	120	99	*	*	110	92	*	*	*	*
12:00 PM	*	*	*	*	99	100	108	101	*	*	104	100	*	*	*	*
01:00	*	*	*	*	125	116	117	144	*	*	121	130	*	*	*	*
02:00	*	*	*	*	110	135	131	137	*	*	120	138	*	*	*	*
03:00	*	*	*	*	136	175	154	219	*	*	145	197	*	*	*	*
04:00	*	*	*	*	169	237	155	225	*	*	162	231	*	*	*	*
05:00	*	*	*	*	167	247	177	224	*	*	172	236	*	*	*	*
06:00	*	*	*	*	148	227	163	212	*	*	156	220	*	*	*	*
07:00	*	*	94	109	111	121	*	*	*	*	102	115	*	*	*	*
08:00	*	*	65	108	78	79	*	*	*	*	72	92	*	*	*	*
09:00	*	*	40	61	54	75	*	*	*	*	47	68	*	*	*	*
10:00	*	*	30	57	20	49	*	*	*	*	25	53	*	*	*	*
11:00	*	*	11	22	23	20	*	*	*	*	17	21	*	*	*	*
Total Day	0	0	240	355	2019	2106	1842	1809	0	0	2053	2135	0	0	0	0
AM Peak Vol.	-	-	-	-	09:00 216	08:00 128	09:00 231	08:00 133	-	-	09:00 224	08:00 130	-	-	-	-
PM Peak Vol.	-	-	19:00 94	19:00 109	16:00 169	17:00 247	17:00 177	16:00 225	-	-	17:00 172	17:00 236	-	-	-	-

Comb. Total	0	595	4125	3651	0	4188	0	0
ADT	ADT 4,185	AADT 4,185						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2078
 Road Class : Local

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9844
 Station ID:
 Park St
 N/O Morgan St
 Latitude: 0' 0.0000 Undefined

Start Time	06-Nov-17		07-Nov-17		08-Nov-17		09-Nov-17		10-Nov-17		Weekday Average		11-Nov-17		12-Nov-17	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	*	*	*	*	15	6	15	6	28	10	18	10
01:00	*	*	*	*	*	*	*	*	8	1	8	1	10	1	5	7
02:00	*	*	*	*	*	*	*	*	3	1	3	1	6	2	4	1
03:00	*	*	*	*	*	*	*	*	2	3	2	3	3	3	0	1
04:00	*	*	*	*	*	*	*	*	0	1	0	1	1	1	0	0
05:00	*	*	*	*	*	*	*	*	4	3	4	3	1	2	1	0
06:00	*	*	*	*	*	*	*	*	4	14	4	14	4	5	6	7
07:00	*	*	*	*	*	*	*	*	11	31	11	31	3	19	1	9
08:00	*	*	*	*	*	*	*	*	17	68	17	68	11	13	9	14
09:00	*	*	*	*	*	*	*	*	39	86	39	86	25	28	19	29
10:00	*	*	*	*	*	*	*	*	34	60	34	60	28	53	27	56
11:00	*	*	*	*	*	*	*	*	46	50	46	50	43	67	45	45
12:00 PM	*	*	*	*	*	*	*	*	56	49	56	49	59	57	38	52
01:00	*	*	*	*	*	*	*	*	46	68	46	68	58	62	66	60
02:00	*	*	*	*	*	*	*	*	71	39	71	39	61	70	57	41
03:00	*	*	*	*	*	*	*	*	78	54	78	54	64	54	45	51
04:00	*	*	*	*	*	*	*	*	78	54	78	54	64	54	45	51
05:00	*	*	*	*	*	*	*	*	82	57	71	46	78	52	62	55
06:00	*	*	*	*	*	*	*	*	87	77	91	56	89	66	69	41
07:00	*	*	*	*	*	*	*	*	99	63	89	57	94	60	61	62
08:00	*	*	*	*	*	*	*	*	67	49	68	47	68	48	35	36
09:00	*	*	*	*	*	*	*	*	69	25	39	30	54	28	34	29
10:00	*	*	*	*	*	*	*	*	43	18	45	31	44	24	39	23
11:00	*	*	*	*	*	*	*	*	45	13	31	17	38	15	35	17
12:00	*	*	*	*	*	*	*	*	29	14	27	13	28	14	30	15
Total	0	0	0	0	0	0	521	316	893	831	923	841	770	725	630	566
Day	0	0	0	0	0	0	837	1724	1724	1764	1764	1495	1495	1196	1196	1196
AM Peak	-	-	-	-	-	-	-	-	11:00	09:00	11:00	09:00	11:00	11:00	11:00	10:00
Vol.	-	-	-	-	-	-	-	-	46	86	46	86	43	67	45	56
PM Peak	-	-	-	-	-	-	18:00	17:00	17:00	13:00	18:00	13:00	17:00	14:00	13:00	13:00
Vol.	-	-	-	-	-	-	99	77	91	68	94	68	69	70	66	60

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2077
 Road Class : U6

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9645
 Station ID:
 Mosier St
 S/O Morgan St
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	1	1	2	4	*	*	2	2	*	*	*	*
01:00	*	*	*	*	1	3	4	0	*	*	2	2	*	*	*	*
02:00	*	*	*	*	1	1	3	2	*	*	2	2	*	*	*	*
03:00	*	*	*	*	4	1	1	1	*	*	2	1	*	*	*	*
04:00	*	*	*	*	3	2	3	1	*	*	3	2	*	*	*	*
05:00	*	*	*	*	11	4	11	3	*	*	11	4	*	*	*	*
06:00	*	*	*	*	39	24	34	24	*	*	36	24	*	*	*	*
07:00	*	*	*	*	96	131	93	104	*	*	94	118	*	*	*	*
08:00	*	*	*	*	109	92	92	88	*	*	100	90	*	*	*	*
09:00	*	*	*	*	37	35	53	27	*	*	45	31	*	*	*	*
10:00	*	*	*	*	53	31	48	39	*	*	50	35	*	*	*	*
11:00	*	*	*	*	46	38	48	56	*	*	47	47	*	*	*	*
12:00 PM	*	*	*	*	60	63	66	52	*	*	63	58	*	*	*	*
01:00	*	*	*	*	43	59	56	47	*	*	50	53	*	*	*	*
02:00	*	*	*	*	89	66	82	73	*	*	86	70	*	*	*	*
03:00	*	*	*	*	115	102	105	73	*	*	110	88	*	*	*	*
04:00	*	*	*	*	127	96	107	93	*	*	117	94	*	*	*	*
05:00	*	*	84	130	78	105	*	*	*	*	81	118	*	*	*	*
06:00	*	*	45	71	52	69	*	*	*	*	48	70	*	*	*	*
07:00	*	*	60	35	51	53	*	*	*	*	56	44	*	*	*	*
08:00	*	*	64	29	22	25	*	*	*	*	43	27	*	*	*	*
09:00	*	*	28	19	14	19	*	*	*	*	21	19	*	*	*	*
10:00	*	*	9	11	9	12	*	*	*	*	9	12	*	*	*	*
11:00	*	*	5	3	7	8	*	*	*	*	6	8	*	*	*	*
Total Day	0	0	295	298	1088	1040	806	687	0	0	1084	1017	0	0	0	0
AM Peak	-	-	-	-	08:00	07:00	07:00	07:00	-	-	08:00	07:00	-	-	-	-
Vol.	-	-	-	-	109	131	93	104	-	-	100	118	-	-	-	-
PM Peak	-	-	17:00	17:00	16:00	17:00	16:00	16:00	-	-	16:00	17:00	-	-	-	-
Vol.	-	-	84	130	127	105	107	93	-	-	117	118	-	-	-	-
Comb. Total	0	0	593	593	2108	2108	1493	1493	0	0	2101	2101	0	0	0	0
ADT	ADT 2,086	ADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086	AADT 2,086

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2071
 Road Class : Local

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9646
 Station ID:
 North Main St
 N/O W Summit St
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	9	1	8	4	*	*	8	2	*	*	*	*
01:00	*	*	*	*	1	0	3	2	*	*	2	1	*	*	*	*
02:00	*	*	*	*	1	1	1	3	*	*	1	2	*	*	*	*
03:00	*	*	*	*	3	2	2	2	*	*	2	2	*	*	*	*
04:00	*	*	*	*	1	6	2	2	*	*	2	4	*	*	*	*
05:00	*	*	*	*	4	28	0	25	*	*	2	26	*	*	*	*
06:00	*	*	*	*	15	45	23	58	*	*	19	52	*	*	*	*
07:00	*	*	*	*	72	130	53	136	*	*	62	133	*	*	*	*
08:00	*	*	*	*	71	140	63	116	*	*	67	128	*	*	*	*
09:00	*	*	*	*	57	96	60	79	*	*	58	88	*	*	*	*
10:00	*	*	*	*	96	78	53	72	*	*	74	75	*	*	*	*
11:00	*	*	*	*	75	71	64	62	*	*	70	66	*	*	*	*
12:00 PM	*	*	*	*	53	78	67	74	*	*	60	75	*	*	*	*
01:00	*	*	*	*	87	87	72	75	*	*	80	81	*	*	*	*
02:00	*	*	*	*	106	96	96	101	*	*	101	98	*	*	*	*
03:00	*	*	*	*	98	105	134	109	*	*	116	107	*	*	*	*
04:00	*	*	141	109	139	120	*	*	*	*	140	114	*	*	*	*
05:00	*	*	153	71	122	93	*	*	*	*	138	82	*	*	*	*
06:00	*	*	89	68	72	54	*	*	*	*	80	61	*	*	*	*
07:00	*	*	57	43	67	38	*	*	*	*	62	40	*	*	*	*
08:00	*	*	49	81	56	40	*	*	*	*	52	60	*	*	*	*
09:00	*	*	40	38	32	24	*	*	*	*	36	31	*	*	*	*
10:00	*	*	20	8	23	11	*	*	*	*	22	10	*	*	*	*
11:00	*	*	22	15	16	19	*	*	*	*	19	17	*	*	*	*
Total Day	0	0	571	433	1276	1361	701	920	0	0	1273	1355	0	0	0	0
AM Peak	-	-	-	-	10:00	08:00	11:00	07:00	-	-	10:00	07:00	-	-	-	-
Vol.	-	-	-	-	96	140	64	136	-	-	74	133	-	-	-	-
PM Peak	-	-	17:00	16:00	16:00	16:00	15:00	15:00	-	-	16:00	16:00	-	-	-	-
Vol.	-	-	153	109	139	120	134	109	-	-	140	114	-	-	-	-

Comb. Total	0	1004	2637	1621	0	2628	0	0
ADT	ADT 2,642	AADT 2,642						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2089
 Road Class :Local

60 Congress Street
 Springfield, MA 01104
(413) 781-6045 www.pvpc.org

Site Code: 9647
 Station ID:
 North Main St
 S/O W Summit Rd
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	9	9	9	5	*	*	9	7	*	*	*	*
01:00	*	*	*	*	2	0	5	2	*	*	4	1	*	*	*	*
02:00	*	*	*	*	2	1	1	4	*	*	2	2	*	*	*	*
03:00	*	*	*	*	3	2	1	1	*	*	2	2	*	*	*	*
04:00	*	*	*	*	1	7	2	5	*	*	2	6	*	*	*	*
05:00	*	*	*	*	2	31	1	31	*	*	2	31	*	*	*	*
06:00	*	*	*	*	20	60	32	79	*	*	26	70	*	*	*	*
07:00	*	*	*	*	78	173	51	162	*	*	64	168	*	*	*	*
08:00	*	*	*	*	77	176	68	145	*	*	72	160	*	*	*	*
09:00	*	*	*	*	60	118	63	107	*	*	62	112	*	*	*	*
10:00	*	*	*	*	98	95	64	97	*	*	81	96	*	*	*	*
11:00	*	*	*	*	82	91	77	70	*	*	80	80	*	*	*	*
12:00 PM	*	*	*	*	67	107	79	102	*	*	73	104	*	*	*	*
01:00	*	*	*	*	90	110	85	109	*	*	88	110	*	*	*	*
02:00	*	*	*	*	112	109	103	118	*	*	108	114	*	*	*	*
03:00	*	*	*	*	130	135	138	133	*	*	134	134	*	*	*	*
04:00	*	*	152	134	151	154	*	*	*	*	152	144	*	*	*	*
05:00	*	*	180	94	157	113	*	*	*	*	168	104	*	*	*	*
06:00	*	*	105	85	91	77	*	*	*	*	98	81	*	*	*	*
07:00	*	*	68	54	82	53	*	*	*	*	75	54	*	*	*	*
08:00	*	*	60	109	68	54	*	*	*	*	64	82	*	*	*	*
09:00	*	*	49	49	31	27	*	*	*	*	40	38	*	*	*	*
10:00	*	*	29	11	26	17	*	*	*	*	28	14	*	*	*	*
11:00	*	*	26	22	17	20	*	*	*	*	22	21	*	*	*	*
Total Day	0	0	669	558	1456	1739	779	1170	0	0	1456	1735	0	0	0	0
AM Peak	-	-	-	-	10:00	08:00	11:00	07:00	-	-	10:00	07:00	-	-	-	-
Vol.	-	-	-	-	98	176	77	162	-	-	81	168	-	-	-	-
PM Peak	-	-	17:00	16:00	17:00	16:00	15:00	15:00	-	-	17:00	16:00	-	-	-	-
Vol.	-	-	180	134	157	154	138	133	-	-	168	144	-	-	-	-

Comb. Total	0	1227	3195	1949	0	3191	0	0
ADT	ADT 3,186	AADT 3,186						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2072
 Road Class : U6

60 Congress Street
 Springfield, MA 01104
 (413) 781-6045 www.pvpc.org

Site Code: 9648
 Station ID:
 W Summit St
 W/O Main St
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	7	4	3	3	*	*	5	4	*	*	*	*
01:00	*	*	*	*	0	1	0	2	*	*	0	2	*	*	*	*
02:00	*	*	*	*	1	2	3	0	*	*	2	1	*	*	*	*
03:00	*	*	*	*	2	2	0	2	*	*	1	2	*	*	*	*
04:00	*	*	*	*	2	0	2	0	*	*	2	0	*	*	*	*
05:00	*	*	*	*	6	3	7	3	*	*	6	3	*	*	*	*
06:00	*	*	*	*	18	13	22	13	*	*	20	13	*	*	*	*
07:00	*	*	*	*	45	26	39	19	*	*	42	22	*	*	*	*
08:00	*	*	*	*	50	32	39	31	*	*	44	32	*	*	*	*
09:00	*	*	*	*	32	25	36	16	*	*	34	20	*	*	*	*
10:00	*	*	*	*	45	29	45	36	*	*	45	32	*	*	*	*
11:00	*	*	*	*	34	31	43	49	*	*	38	40	*	*	*	*
12:00 PM	*	*	*	*	51	28	48	37	*	*	50	32	*	*	*	*
01:00	*	*	*	*	44	27	47	35	*	*	46	31	*	*	*	*
02:00	*	*	*	*	49	48	57	46	*	*	53	47	*	*	*	*
03:00	*	*	*	*	58	64	49	47	*	*	54	56	*	*	*	*
04:00	*	*	*	*	66	58	57	52	*	*	62	55	*	*	*	*
05:00	*	*	50	55	42	54	*	*	*	*	46	54	*	*	*	*
06:00	*	*	32	33	30	37	*	*	*	*	31	35	*	*	*	*
07:00	*	*	24	27	28	32	*	*	*	*	26	30	*	*	*	*
08:00	*	*	24	30	17	20	*	*	*	*	20	25	*	*	*	*
09:00	*	*	13	21	8	12	*	*	*	*	10	16	*	*	*	*
10:00	*	*	5	14	6	5	*	*	*	*	6	10	*	*	*	*
11:00	*	*	8	10	2	5	*	*	*	*	5	8	*	*	*	*
Total Day	0	0	156	190	643	558	497	391	0	0	648	570	0	0	0	0
AM Peak	-	-	-	-	08:00	08:00	10:00	11:00	-	-	10:00	11:00	-	-	-	-
Vol.	-	-	-	-	50	32	45	49	-	-	45	40	-	-	-	-
PM Peak	-	-	17:00	17:00	16:00	15:00	14:00	16:00	-	-	16:00	15:00	-	-	-	-
Vol.	-	-	50	55	66	64	57	52	-	-	62	56	-	-	-	-

Comb. Total	0	346	1201	888	0	1218	0	0
ADT	ADT 1,217	AADT 1,217						

Pioneer Valley Planning Commission

Location : South Hadley
 Operator : AA, YM
 Counter # : 2074
 Road Class :Local

60 Congress Street
 Springfield, MA 01104
(413) 781-6045 www.pvpc.org

Site Code: 9849
 Station ID:
 W Summit St
 E/O North Main St
 Latitude: 0' 0.0000 Undefined

Start Time	30-Oct-17		31-Oct-17		01-Nov-17		02-Nov-17		03-Nov-17		Weekday Average		04-Nov-17		05-Nov-17	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	0	0	0	0	*	*	0	0	*	*	*	*
01:00	*	*	*	*	0	0	0	1	*	*	0	0	*	*	*	*
02:00	*	*	*	*	0	0	2	1	*	*	1	0	*	*	*	*
03:00	*	*	*	*	0	1	1	0	*	*	0	0	*	*	*	*
04:00	*	*	*	*	3	1	2	1	*	*	2	1	*	*	*	*
05:00	*	*	*	*	7	1	6	3	*	*	6	2	*	*	*	*
06:00	*	*	*	*	24	11	19	8	*	*	22	10	*	*	*	*
07:00	*	*	*	*	23	12	21	14	*	*	22	13	*	*	*	*
08:00	*	*	*	*	14	7	13	7	*	*	14	7	*	*	*	*
09:00	*	*	*	*	20	15	18	16	*	*	19	16	*	*	*	*
10:00	*	*	*	*	17	8	21	19	*	*	19	14	*	*	*	*
11:00	*	*	*	*	9	14	13	10	*	*	11	12	*	*	*	*
12:00 PM	*	*	*	*	18	14	15	7	*	*	16	10	*	*	*	*
01:00	*	*	*	*	21	10	24	24	*	*	22	17	*	*	*	*
02:00	*	*	*	*	25	15	22	16	*	*	24	16	*	*	*	*
03:00	*	*	*	*	32	20	30	9	*	*	31	14	*	*	*	*
04:00	*	*	18	16	16	18	*	*	*	*	17	17	*	*	*	*
05:00	*	*	27	19	16	10	*	*	*	*	22	14	*	*	*	*
06:00	*	*	29	26	21	8	*	*	*	*	25	17	*	*	*	*
07:00	*	*	48	25	7	7	*	*	*	*	28	16	*	*	*	*
08:00	*	*	21	10	8	4	*	*	*	*	14	7	*	*	*	*
09:00	*	*	5	2	3	0	*	*	*	*	4	1	*	*	*	*
10:00	*	*	5	1	2	0	*	*	*	*	4	0	*	*	*	*
11:00	*	*	4	0	0	0	*	*	*	*	2	0	*	*	*	*
Total Day	0	0	157	99	288	178	207	136	0	0	325	204	0	0	0	0
AM Peak	-	-	-	-	06:00	09:00	07:00	10:00	-	-	06:00	09:00	-	-	-	-
Vol.	-	-	-	-	24	15	21	19	-	-	22	16	-	-	-	-
PM Peak	-	-	19:00	18:00	15:00	15:00	15:00	13:00	-	-	15:00	13:00	-	-	-	-
Vol.	-	-	48	26	32	20	30	24	-	-	31	17	-	-	-	-

Comb. Total	0	256	462	343	0	529	0	0
ADT	ADT 531	AADT 531						

Pavement Management

Route	From	To	Length	Width	Overall Condition Index
275 AMHERST ROAD	GRANBY TOWN LINE	.91 MILES	5199 ft	22 ft	45
275 AMHERST ROAD	.91 MILES	WOODBIDGE STREET	1611 ft	22 ft	48
275 AMHERST ROAD	GRANBY T.L.	AMHERST T.L.	1214 ft	41 ft	90
275 BARDWELL STREET	LANTHROP ROAD	PURPLE HEART DR OVERPASS	692 ft	32 ft	69
275 BARDWELL STREET	PURPLE HEART DR OVERPASS	ELM STREET	1598 ft	30 ft	81
275 BARDWELL STREET	ELM STREET	CAREW STREET	805 ft	30 ft	60
275 BARDWELL STREET	CAREW STREET	MAIN STREET	586 ft	30 ft	82
275 BOLTON STREET	HARTFORD STREET	LAMB STREET	1041 ft	24 ft	24
275 BRAINERD STREET	NORTH MAIN STREET	NEWTON STREET	7118 ft	24 ft	69
275 BRIDGE STREET	HOLYOKE C.L.	MAIN STREET	991 ft	34 ft	84
275 BRIDGE STREET	MAIN STREET	LAMB STREET	1296 ft	34 ft	68
275 CANAL STREET	MAIN STREET	MAPLE STREET	674 ft	28 ft	49
275 CANAL STREET	MAPLE STREET	TAYLOR STREET	768 ft	22 ft	94
275 CANAL STREET	TAYLOR STREET	WEST SUMMIT COURT	2097 ft	22 ft	86
275 CAREW STREET	MAIN STREET	GAYLORD STREET	309 ft	32 ft	53
275 COLLEGE STREET	HADLEY STREET	WOODBIDGE STREET	430 ft	28 ft	93
275 COLLEGE STREET	WOODBIDGE STREET	.9 MILES	5143 ft	40 ft	88
275 EAST STREET	GRANBY T.L.	MORGAN STREET	4382 ft	22 ft	89
275 GAYLORD STREET	BARDWELL STREET	.24 MILES	1433 ft	28 ft	57

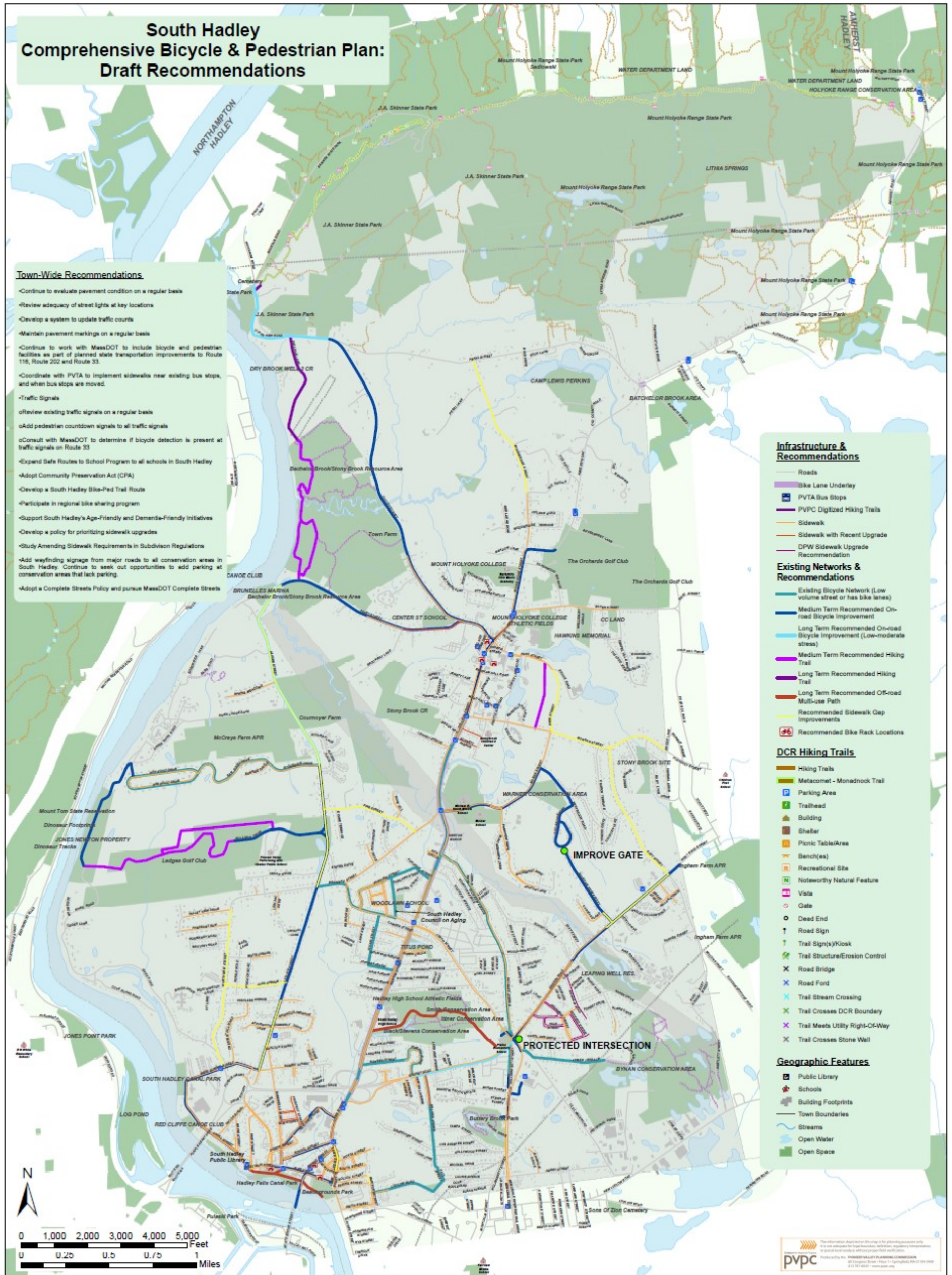
Route	From	To	Length	Width	Overall Condition Index
275 GAYLORD STREET	.24 MILES	LAMB STREET	870 ft	28 ft	25
275 GRANBY ROAD	PURPLE HEART DRIVE	LYMAN STREET	3968 ft	26 ft	88
275 GRANBY ROAD	LYMAN STREET	RIDGE STREET	3031 ft	24 ft	73
275 GRANBY ROAD	RIDGE STREET	MOUNTAIN VIEW STREET	1598 ft	28 ft	84
275 GRANBY ROAD	MOUNTAIN VIEW STREET	GRANBY T.L.	2687 ft	24 ft	65
275 HADLEY STREET	COLLEGE STREET	FERRY STREET	901 ft	30 ft	71
275 HADLEY STREET	FERRY STREET	PRIESTLY FARM ROAD	2658 ft	30 ft	71
275 HADLEY STREET	PRIESTLY FARM ROAD	0.38 MILES	2954 ft	30 ft	80
275 HADLEY STREET	0.38 MILES	0.35 MILES	2269 ft	30 ft	89
275 HADLEY STREET	0.35 MILES	0.79 MILES	2063 ft	30 ft	99
275 HADLEY STREET	0.79 MILES	0.29 MILES	2709 ft	30 ft	95
275 HADLEY STREET	0.29 MILES	HADLEY T.L.	711 ft	30 ft	95
275 HADLEY STREET	WOODBIDGE STREET	COLLEGE STREET	527 ft	38 ft	73
275 HARTFORD STREET	LUDLOW STREET	SPRING STREET	300 ft	22 ft	46
275 HARTFORD STREET	SPRING STREET	BOLTON STREET	257 ft	22 ft	60
275 HILLSIDE AVENUE	MICHAEL DRIVE	HOLLYWOOD STREET	403 ft	24 ft	99
275 HILLSIDE AVENUE	HOLLYWOOD STREET	.31 MILES	766 ft	24 ft	99
275 HILLSIDE AVENUE	.31 MILES	GRANBY ROAD	1687 ft	24 ft	94
275 HOLLYWOOD STREET	WILLIMANSETT STREET	HILLSIDE AVE	2218 ft	24 ft	99
275 LAMB STREET	PURPLE HEART DRIVE	.1 MILES	581 ft	47 ft	74
275 LAMB STREET	.1 MILES	BRIDGE STREET	1426 ft	38 ft	67
275 LAMB STREET	BOLTON STREET	MAIN STREET	251 ft	26 ft	60

Route	From	To	Length	Width	Overall Condition Index
275 LATHROP STREET	BRAINERD STREET	WEST SUMMIT STREET	5784 ft	32 ft	85
275 LAURIE AVENUE	WILLIMANSETT STREET	LUDLOW STREET	484 ft	22 ft	48
275 LUDLOW ROAD	CHICOPEE C.L.	GRACE STREET	1881 ft	32 ft	35
275 LUDLOW ROAD	GRACE STREET	HARTFORD STREET	427 ft	32 ft	57
275 LYMAN STREET	GRANBY ROAD	PERKINS STREET	4106 ft	30 ft	32
275 LYMAN STREET	PERKINS STREET	BRAINERD STREET	553 ft	30 ft	36
275 MAIN STREET	CHICOPEE C.L.	.15 MILES	825 ft	28 ft	15
275 MAIN STREET	.15 MILES	123 FEET	123 ft	32 ft	27
275 MAIN STREET	123 FEET	BARDWELL STREET	1658 ft	32 ft	28
275 MAIN STREET	BARWELL STREET	NORTH MAIN STREET	306 ft	32 ft	46
275 MAIN STREET	NORTH MAIN STREET	CANAL STREET	610 ft	28 ft	47
275 MEMORIAL DRIVE	CHICOPEE C.L.	WILLIMANSETT STREET	1379 ft	24 ft	71
275 MORGAN STREET	COLLEGE STREET	.22 MILES	1255 ft	28 ft	90
275 MORGAN STREET	.22 MILES	GRANBY T.L.	5047 ft	28 ft	85
275 NEW LUDLOW ROAD	CHICOPEE C.L.	GRANBY T.L.	3802 ft	35 ft	24
275 NEWTON STREET	BRAINARD STREET	PURPLE HEART DRIVE	8888 ft	40 ft	45
275 NORTH MAIN STREET	ROTARY	NORTH MAIN STREET	293 ft	22 ft	90
275 NORTH MAIN STREET	ON AND OFF RAMPS	WEST SUMMIT STREET	205 ft	22 ft	90
275 NORTH MAIN STREET	WEST SUMMIT STREET	RIVER ROAD	515 ft	22 ft	48
275 NORTH MAIN STREET	RIVER ROAD	BRAINERD STREET	4594 ft	22 ft	35
275 NORTH MAIN STREET	MAIN STREET	CAREW STREET	461 ft	40 ft	45
275 NORTH MAIN STREET	CAREW STREET	HIGH STREET	1292 ft	24 ft	33

Route	From	To	Length	Width	Overall Condition Index
275 NORTH MAIN STREET	HIGH STREET	LANTROP STREET	348 ft	24 ft	70
275 NORTH MAIN STREET	LANTHROP STREET	ROTARY	335 ft	24 ft	74
275 NORTH MAIN STREET	ROTARY	TAYLOR STREET	377 ft	24 ft	89
275 NORTH MAIN STREET	NORTH MAIN STREET	ROTARY	315 ft	22 ft	90
275 OLD LYMAN ROAD	WILLIMANSETT STREET	NEW LUDLOW STREET	5016 ft	25 ft	16
275 PAUL STREET	HILLSIDE AVENUE	LAURIE AVENUE	427 ft	32 ft	100
275 PURPLE HEART DRIVE	ROTARY	NEWTON STREET	6544 ft	24 ft	74
275 PURPLE HEART DRIVE	NEWTON STREET	GRANBY ROAD	2354 ft	24 ft	72
275 PURPLE HEART DRIVE	HOLYOKE C.L.	PURPLE HEART DRIVE ROTARY	4201 ft	24 ft	81
275 PURPLE HEART DRIVE ROTARY	PRUPLE HEART DRIVE ROTARY	PURPLE HEART DRIVE ROTARY	447 ft	40 ft	74
275 PURPLE HEART DRIVE ROTARY	PURPLE HEART DRIVE	PURPLE HEART DRIVE	1503 ft	40 ft	74
275 PURPLE HEART DRIVE ROTARY	PURPLE HEART DRIVE	PURPLE HEART DRIVE	506 ft	40 ft	74
275 SILVER STREET	WOODBIDGE STREET	CHAPEL HILL DRIVE	3211 ft	24 ft	66
275 SILVER STREET	CHAPEL HILL DRIVE	GRANBY T.L.	1122 ft	24 ft	39
275 SILVER STREET	WOODBIDGE STREET	SILVER STREET	344 ft	28 ft	95
275 SPRING STREET	MAIN STREET	HARTFORD STREET	1101 ft	22 ft	29
275 SUMMIT STREET	LATHROP STREET	BARDWELL STREET	369 ft	24 ft	89
275 WEST SUMMIT STREET	CANAL STREET	NORTH MAIN STREET	655 ft	28 ft	94
275 WEST SUMMIT STREET	NORTH MAIN STREET	LANTROP STREET	1615 ft	24 ft	88
275 WILLIMANSETT STREET	GRANBY ROAD	MEMORIAL DRIVE	3509 ft	32 ft	24
275 WOODBRIDGE STREET	AMHERST ROAD	SILVERWOOD TERRACE	370 ft	32 ft	90
275 WOODBRIDGE STREET	SILVERWOOD TERRACE	SILVER STREET	1690 ft	32 ft	90

Route	From	To	Length	Width	Overall Condition Index
275 WOODBRIDGE STREET	SILVER STREET	COLLEGE STREET	1267 ft	49 ft	87
Total Segments	86			154,336 ft	68 Avg.

South Hadley Comprehensive Bicycle and Pedestrian Plan Recommendations



Evaluation Matrix of Complete Streets Projects

Street	From	To	Project Type	Adjacent Street Average Daily Traffic Volume	Bike Access Score	Bike Route Evaluation Score	Crossing Improvement	Feasibility of Implementation: Cost	Feasibility of Implementation ROW	Network Connectivity	Bicycle and Pedestrian Crashes Adjacent to Project	Number of Bus Stops within 1/4 Mile of Project	% Persons with a Disability within 1/4 Mile of Project	Project Improves Access and Mobility for Freight	Project Improves Vehicle Operations	Project is within 1/2 Mile from an Assisted Living Facility	Project is within a School Walk Zone	Stakeholder Input	Top 10 High Crash Location in South Hadley	Walk Access Score
North Main St.	West Summit St.	Valley View Dr.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Medium	High	High	Low	High	High	No	High	No	No	High	No	High	No	High
Lathrop Street	shared use path from	Bardwell to Magnolia	1. Improve Local Sidewalks and fill sidewalk gaps	Medium	Medium	High	High	Medium	High	High	High	No	Low	No	No	High	No	Medium	No	Medium
Route 47	Village Commons	Community Garden	2. On Road Bicycle Network Improvements	Medium	High	High	High	Low	High	Medium	High	Medium	No	No	High	No	No	Medium	High	No
Route 33	Old Lyman Road	Chicopee T.L.	2. On Road Bicycle Network Improvements	High	High	Medium	High	Low	High	Medium	High	No	Low	High	No	No	High	No	High	No
Brainerd Street	Newton	Lathrop	2. On Road Bicycle Network Improvements	Medium	High	Medium	High	Low	Medium	High	High	Low	High	No	High	No	High	Low	High	No
Upgrade Route 33 signal	Big Y	Brook Street	6. Other Projects	High	High	No	High	Medium	High	High	No	No	High	No	No	No	No	No	High	High
Lyman Street	Pedestrian Activated	Beacons (by Lexington)	5. Walking Network	Medium	High	Low	High	High	High	High	No	Low	Low	No	No	No	No	No	No	High
Willamansett Bike Accommodations Rte 33 to Buttery Brook			2. On Road Bicycle Network Improvements	High	High	Medium	No	High	High	High	No	No	High	No	No	No	No	No	No	Medium
Morgan St.	Park St.	Granby town line	1. Improve Local Sidewalks and fill sidewalk gaps	Medium	No	High	High	Medium	High	Medium	High	No	No	No	No	No	High	High	No	High
Lathrop Street	Alvord	Brainerd	2. On Road Bicycle Network Improvements	Medium	Low	High	High	High	High	No	High	No	High	No	No	No	High	Low	No	No
Route 202 - Granby Road	Lyman	Granby T.L.	2. On Road Bicycle Network Improvements	High	High	Medium	No	Medium	High	Medium	High	No	Low	No	No	High	High	No	High	No
Route 116 - College Street	Silver	Route 47	2. On Road Bicycle Network Improvements	High	Low	Medium	High	Low	High	Medium	High	High	No	No	High	No	No	Low	High	No
Route 116 - Bridge Street	Lamb	Bridge	2. On Road Bicycle Network Improvements	High	Low	Medium	High	Low	High	Medium	High	High	Low	No	High	No	No	No	High	No
Lyman Street	Pitroff Avenue	Brainerd Street	2. On Road Bicycle Network Improvements	High	High	Low	High	Low	Low	Medium	High	Low	Low	No	High	No	High	Low	High	No
Route 116 - Newton Street	Route 202 ramps	Lamb	2. On Road Bicycle Network Improvements	High	High	Medium	High	Low	Low	High	High	Low	Low	High	High	No	No	No	No	No
Main Street	Carew	Bridge	2. On Road Bicycle Network Improvements	High	Medium	Medium	High	Low	High	Medium	High	Low	Low	No	High	No	No	No	High	No
Lamb St.	Bridge St.	Grant St.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	High	High	High	No	High	Medium	Low	No	No	No	No	No	No	High
East St.	Morgan St.	Granby Rd.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	High	Medium	High	No	High	No	Low	No	No	High	High	Medium	No	High
Buttery Brook Bike Share Station (Solar)			6. Other Projects	High	High	No	No	High	High	High	No	No	High	No	No	No	No	No	No	No
Lathrop Street	Brainerd	W. Summit	2. On Road Bicycle Network Improvements	Medium	Low	High	High	Low	High	No	High	No	Low	No	No	High	High	Medium	No	No
Lathrop St.	Summit St.	Highland	1. Improve Local Sidewalks and fill sidewalk gaps	Medium	No	High	High	Low	High	Medium	No	No	Low	No	No	High	No	Medium	No	Medium
Route 116 - College Street	Woodbridge	Silver	2. On Road Bicycle Network Improvements	High	No	High	High	Medium	High	High	High	Medium	No	No	No	No	No	Low	No	No
Pitroff Bike accommodations to Route 33			2. On Road Bicycle Network Improvements	Low	High	Medium	No	High	High	High	No	Low	Low	No	No	No	No	No	No	Low
Main Street	Bridge	Lamb	2. On Road Bicycle Network Improvements	High	Low	Medium	High	Low	High	Medium	No	Low	Low	No	High	No	No	No	High	No
Canal Street	Main	Maple	2. On Road Bicycle Network Improvements	Low	Low	High	High	High	High	No	High	Low	Low	No	No	No	No	No	No	No
Granby Rd.	Pine Grove Dr.	East St.	1. Improve Local Sidewalks and fill sidewalk gaps	High	No	Medium	No	Low	Low	High	High	No	Low	No	No	High	No	Low	No	High
Route 116 - Amherst Road	House #22	Woodbridge	2. On Road Bicycle Network Improvements	High	Low	High	High	High	High	No	No	Low	No	No	No	No	No	Low	No	No
Morgan Street	Park	College	2. On Road Bicycle Network Improvements	Low	High	Medium	High	Medium	High	Medium	No	Low	Low	No	No	No	High	Low	No	No
Cedar Ridge Road			2. On Road Bicycle Network Improvements	Low	No	High	No	High	High	No	High	No	Low	No	No	No	High	No	No	No
Cedar Ridge			2. On Road Bicycle Network Improvements	Low	No	High	No	High	High	No	High	No	Low	No	No	No	High	No	No	No
Park St.	Morgan St.		1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	High	Low	Low	Medium	No	No	No	No	No	No	High	Medium	No	High
Alvord Street	Lathrop	Pine	2. On Road Bicycle Network Improvements	Medium	No	High	No	High	High	No	No	No	Low	No	No	No	High	Low	No	No
Brainerd Street	Lathrop	N. Main	2. On Road Bicycle Network Improvements	Medium	No	Medium	High	Low	Negative	No	High	No	High	No	No	High	High	No	No	No
East Street	Granby	Morgan	2. On Road Bicycle Network Improvements	Low	High	Low	High	Medium	Low	No	High	No	Low	No	No	High	No	Medium	No	No
Ped activated beacons			5. Walking Network		No		High	High	No	High	No	No	No	No	No	No	High	No	No	High
Mountain View	Carriage Lane	Granby Rd.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Medium	No	High	High	Medium	No	No	Low	No	No	High	No	No	No	No
Main Street	Canal	Carew	2. On Road Bicycle Network Improvements	High	Medium	High	No	Medium	High	No	High	Low	Low	No	No	No	No	Low	No	No
Sunset Avenue			2. On Road Bicycle Network Improvements	Low	Low	Medium	No	High	Low	Medium	No	No	No	No	No	High	No	No	High	No
Bicycle Connections	South Hadley Falls		3. Off Road Bicycle and Pedestrian Improvement Projects	Medium	Medium		No	Medium	No	High	High	Medium	Low	No	High	No	No	Low	No	No
North Main Street	Judd	W. Summit	2. On Road Bicycle Network Improvements	Low	Medium	Low	High	Low	Low	No	High	No	High	No	No	High	No	Low	No	No
Richview Avenue			2. On Road Bicycle Network Improvements	Low	Medium	Medium	No	High	Low	Medium	No	No	Low	No	No	No	High	No	No	No

Street	From	To	Project Type	Adjacent Street Average Daily Traffic Volume	Bike Access Score	Bike Route Evaluation Score	Crossing Improvement	Feasibility of Implementation: Cost	Feasibility of Implementation: ROW	Network Connectivity	Bicycle and Pedestrian Crashes Adjacent to Project	Number of Bus Stops within 1/4 Mile of Project	% Persons with a Disability within 1/4 Mile of Project	Project Improves Access and Mobility for Freight	Project Improves Vehicle Operations	Project is within 1/2 Mile from an Assisted Living Facility	Project is within a School Walk Zone	Stakeholder Input	Top 10 High Crash Location in South Hadley	Walk Access A core	Walking Points of Interest
Connecticut River Bicycle Loop			2. On Road Bicycle Network Improvements	Low	No	Medium	No	High	High	High	No	No	No	No	No	No	No	No	No	No	Medium
East Red Bridge Lane			2. On Road Bicycle Network Improvements	Low	No	High	No	High	High	No	No	No	No	No	No	No	High	No	No	No	No
Morgan Street	East	Park	2. On Road Bicycle Network Improvements	Medium	High	Medium	High	Medium	Low	No	No	No	No	No	No	No	High	Low	No	No	No
Route 202 Separated Bike			3. Off Road Bicycle and Pedestrian Improvement Projects	High	High		No	Low	No	Medium	High	No	Low	No	No	High	No	Low	No	No	
Hartford St.	Spring St.	Bolton St.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Medium	No	Medium	High	High	High	No	Low	No	No	No	No	No	No	Low	Low
Red Bridge Lane			2. On Road Bicycle Network Improvements	Low	No	Medium	No	High	High	No	No	No	Low	No	No	No	High	No	No	No	No
Ludlow Street			2. On Road Bicycle Network Improvements	Low	No	Medium	No	High	High	No	High	No	Low	No	No	No	No	No	No	No	No
Mountain View Street			2. On Road Bicycle Network Improvements	Low	No	Medium	No	High	High	No	No	No	Low	No	No	High	No	No	No	No	No
Judd Avenue	North Main St.	Lathrop St.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	No	High	High	No	No	No	Low	No	No	High	No	No	No	Low	No
Alvord St.	Brainerd St.	Stonegate Dr.	1. Improve Local Sidewalks and fill sidewalk gaps	Medium	No	Low	No	Low	Low	No	High	No	No	No	No	No	High	Medium	No	Medium	Low
Mulligan Drive			2. On Road Bicycle Network Improvements	Low	No	High	No	High	Low	No	No	No	Low	No	No	No	High	No	No	No	No
West Summit Street	Canal	N. Main	2. On Road Bicycle Network Improvements	Low	No	Medium	High	Medium	Low	No	No	No	High	No	No	High	No	No	No	No	No
Pine St.	Alvord St.	Brainerd St.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	No	Low	Low	Medium	No	No	Low	No	No	No	High	Low	No	High	Medium
Woodbridge St.	The Knolls	Pearl St.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	High	Low	High	Medium	No	Low	No	No	No	No	No	Medium	No	Low	Low
San Souci Drive			2. On Road Bicycle Network Improvements	Low	No	High	No	High	High	No	No	No	Low	No	No	No	No	No	No	No	No
Stonegate Drive			2. On Road Bicycle Network Improvements	Low	No	High	No	High	High	No	No	No	Low	No	No	No	No	No	No	No	No
Hartford Street	Spring	Ludlow	2. On Road Bicycle Network Improvements	Low	No	Medium	No	High	Low	No	High	No	Low	No	No	No	No	No	No	No	No
Route 33 Corridor	Trail Connections		3. Off Road Bicycle and Pedestrian Improvement Projects	High	High		No	Low	No	Medium	No	No	Low	No	High	No	No	Low	No	No	
Route 202 Corridor	Trail Connections		3. Off Road Bicycle and Pedestrian Improvement Projects	High	High		No	Low	No	Medium	No	No	Low	No	High	No	No	Low	No	No	
Expand Bicycle Parking			6. Other Projects		High		No	High	No	No	No	No	No	No	No	No	High	No	No	Low	
Alvord St	Stonegate Dr.	Ferry St.	1. Improve Local Sidewalks and fill sidewalk gaps	Low	No	Low	No	Low	Low	Medium	High	No	No	No	No	No	No	High	No	Medium	No
Canal Street	Maple	W. Summit	2. On Road Bicycle Network Improvements	Low	No	High	No	Low	Low	No	High	No	High	No	No	No	No	Low	No	No	No
North Main Street	Brainerd	Judd	2. On Road Bicycle Network Improvements	Low	No	Medium	No	Medium	Low	No	No	No	High	No	No	High	No	Low	No	No	No
Route 47	Community Garden	Pearl Street	2. On Road Bicycle Network Improvements	Medium	High	Medium	No	Low	High	No	No	No	No	No	No	No	No	Low	No	No	No
West Summit Street	Lathrop	N. Main	2. On Road Bicycle Network Improvements	Low	Medium	Medium	High	Low	Negative	No	No	No	Low	No	No	High	No	Low	No	No	No
Dale Street			2. On Road Bicycle Network Improvements	Low	No	Medium	No	High	Low	No	No	No	Low	No	No	No	No	No	No	No	No
Expand Bike Share Program			6. Other Projects		High		No	High	No	No	No	No	No	No	No	No	No	No	No	Low	
Ferry Street			2. On Road Bicycle Network Improvements	Low	No	Medium	No	Low	Low	No	High	Low	No	No	No	No	No	Medium	No	No	No
River Road	N. Main	Cove Island	2. On Road Bicycle Network Improvements	Low	Medium	Low	No	Low	Negative	No	High	No	High	No	No	No	No	Low	No	No	No
Lloyd Street			2. On Road Bicycle Network Improvements	Low	No	Medium	No	Medium	Low	No	No	No	Low	No	No	No	High	No	No	No	No
Connecticut River Loop			3. Off Road Bicycle and Pedestrian Improvement Projects	Low	Medium		No	Low	No	No	No	No	High	No	No	No	No	Medium	No	No	
Route 47e	Titan Pier Road	Hadley T.L.	2. On Road Bicycle Network Improvements	Medium	High	Low	No	Low	Low	No	No	No	No	No	No	No	No	Low	No	No	No
Route 47 -	Pearl Street	Titan Pier Rd.	2. On Road Bicycle Network Improvements	Medium	High	Low	No	Low	Low	No	No	No	No	No	No	No	No	Low	No	No	No
Alvord Street	Brainerd	Lathrop	2. On Road Bicycle Network Improvements	Medium	Medium	Low	No	Low	Negative	No	No	No	No	No	No	No	High	Low	No	No	No
Route 47 Bike Lanes			3. Off Road Bicycle and Pedestrian Improvement Projects	Medium	High		No	Low	No	Medium	No	No	No	No	No	No	No	No	No	No	
Alvord Street	Stonegate	Ferry	2. On Road Bicycle Network Improvements	Low	Medium	Low	No	Low	Negative	No	High	No	Low	No	No	No	No	Low	No	No	No
Route 116 - Amherst Road	The Meadows	House #22	2. On Road Bicycle Network Improvements	High	Medium	Low	No	Low	Negative	No	No	No	No	No	No	No	No	Medium	No	No	No
Westbrook Road			2. On Road Bicycle Network Improvements	Low	Low	Medium	No	Low	Negative	No	No	No	Low	No	No	No	High	No	No	No	No
Woodbridge Street			2. On Road Bicycle Network Improvements	High	Medium	Low	No	Low	Negative	No	No	No	No	No	No	No	No	Low	No	No	No
Upper River Road	San Souci	Riverlodge Rd.	2. On Road Bicycle Network Improvements	Low	No	Medium	No	Low	Negative	No	No	No	High	No	No	No	No	No	No	No	No
River Lodge Road			2. On Road Bicycle Network Improvements	Low	Low	Low	No	Low	Negative	No	No	No	High	No	No	No	No	No	No	No	No
River Road	Cove Island	Tigger	2. On Road Bicycle Network Improvements	Low	No	Low	No	Low	Negative	No	No	No	High	No	No	No	No	Low	No	No	No
River Road	Tigger	End of road	2. On Road Bicycle Network Improvements	Low	No	Low	No	Low	Negative	No	No	No	High	No	No	No	No	No	No	No	No
Upper River Road	Southerly Dead End	San Souci	2. On Road Bicycle Network Improvements	Low	No	Low	No	Low	Negative	No	No	No	High	No	No	No	No	No	No	No	No
Alvord Street	Pine	Stonegate	2. On Road Bicycle Network Improvements	Low	Medium	Low	No	Low	Negative	No	No	No	Low	No	No	No	No	Low	No	No	No
Pearl Street			2. On Road Bicycle Network Improvements	Low	Low	Low	No	Low	Negative	No	No	No	No	No	No	No	No	Medium	No	No	No
Spring Street			2. On Road Bicycle Network Improvements	Low	Low	Low	No	Low	Negative	No	No	No	Low	No	No	No	No	No	No	No	No

South Hadley Complete Streets Prioritization Plan Spreadsheet

Project Details			EJ	Complete Streets Location			Project Origin and Type		Complete Streets Needs							Complete Streets Funding Request			Construction Schedule		
Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)
1	North Main St. sidewalk	New sidewalk, enhanced crosswalks, roadway buffer, traffic calming radar speed signs	No	North Main Street from West Summit Street to Valley View Dr. (4,895 ft.)	108844.898699999, 886491	108904.418700002, 887939.955899999	CS Needs Assess Bike / Ped Plan	S1, P2, P3, P5, P6, P8, P12	X	X	X					No	\$540,616	\$400,000	\$140,616	9	August-2023
2	Lathrop Street sidewalk extension	New sidewalks; replaced sidewalks; fill sidewalk gaps; ADA ramps; crosswalks at Magnolia Terrace and Scott Hollow Dr.	No	Lathrop St. from Bardwell St. to Judd Ave (1,929 ft.)	109274.499899998, 886477.3752	109418.744000003, 887272.445999999	CS Needs Assess Bike / Ped Plan	S1, P2, P3, P5, P6, P12	X	X	X					No	\$251,406	\$244,324	\$7,082	6	August-2018
3	Hadley St. (Rt 47) bicycle network	On Road Bicycle Network Improvements including marked bike lanes and signage and shoulder width improvements	No	Rt. 47 from Village Commons to Community Garden	111314.203000002, 890403.4373	110530.894199997, 891176.6899	CS Needs Assess Bike / Ped Plan	S17, B2, B9, B11, B13	X			X				No	\$364,912	\$364,912	N/A	7	August-2027
4	Willimansett St (Rt 33) bicycle improvements	Add new separated bike lanes, marked shoulder and signage for local bicycle network	No	Rt. 33 from Old Lyman Road to Chicoppe T.L.	111565.5, 886642.750300001	111452.367200002, 885437.062399998	CS Needs Assess Bike / Ped Plan	S17, B2, B9, B11, B13	X			X				No	\$190,392	\$190,392	N/A	8	August-2029
5	Brainerd Street bicycle network connection	On Road Bicycle Network Improvements; signage; traffic calming; pavement marking	No	Newton to Lathrop St.	110836.781400003, 888836.5627	109696.1796, 888147.6252	CS Needs Assess Bike / Ped Plan	S1, S17, B9	X			X				No	\$17,942	\$17,942	N/A	9	August-2022
6	Route 33/Willimansett signal at Big Y - ped signals	Upgrade traffic signal to include countdown timers, improve pavement markings and ADA access to this significant destination	No	Route 33 signal at Big Y - ped signals	111457.8714, 886246.417	111462.535, 886268.4026	CS Needs Assess Bike / Ped Plan	P2, P8, P9, P12, S3, S7	X	X	X					No	\$58,008	\$45,428	\$12,580	8	August-2018

Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)
7	Lyman Street - pedestrian midblock crosswalk	Lyman Street - Rapid Flashing Beacons (by Lexington Street and house #155) High visibility midblock crosswalk; pavement markings; signage; RRFB; ADA pads; detectable warning panels	No	Lyman at house #155 and Lyman at Lexington St.	110324.2029, 887887.531399999 109985.886600003, 888077.718899999 109960.456100002, 888172.4419	110337.762699999, 887884.0286 109988.932400003, 888060.948899999 109964.466799997, 888163.354200002	CS Needs Assess Bike / Ped Plan	P1, P2, P3, P9, P11, P12	X	X	X					No	\$142,314	\$122,634	\$19,680	7	August-2018
8	Newton Street (Rt 116) Buttery Brook Park/ Plains School via Belmont/Richview Ave/Pittroff/Williamsett sidepath	Pedestrian Sidewalk replacement and midblock crosswalk on Belmont, Richview, Pitroff; traffic calming; radar speed feedback signs, bicycle route signs, shared use path/sidepath, ADA pads, detectable warning panels and crosswalks at Baker and Stewart St; wayfinding signs	No	Route 33 to Buttery Brook Park Entrance	111444.691299997, 886044.7731 110834.623300001, 888450.9564 110834.171700001, 888452.3748 111494.617399998, 886750.8748	111494.617399998, 886750.8748 111471.2403, 886834.666000001 111444.691299997, 886044.7731 111288.452699997, 887770.8752	CS Needs Assess Bike / Ped Plan	2. On Road Bicycle Network Improvements	X			X				No	\$206,036	\$197,704	\$8,332	9	August-2018
9	Morgan Street sidewalk and crosswalks	Morgan Street sidewalk project fills an important sidewalk gap for school access and addresses safety concerns on heavily traveled roadway. New sidewalk construction; high visibility crosswalks; ADA pads, detectable warning panels at Mary Lyon and Edison; RRFB at Park St.	No	Park St. to Granby T.L.	111846.867299996, 889570.625300001	112889.034599997, 889397.736699998	CS Needs Assess Bike / Ped Plan	1. Improve Local Sidewalks and fill sidewalk gaps	X	X	X					No	\$311,714	\$293,226	\$18,488	6	August-2025

Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)
10	Lathrop Street Bikeway	On Road Bicycle Network Improvements (seperated bike lanes, bike route signs, shared lane markings, designated bike lanes, turn boxes, will address safety issues . Lathrop bikeway route will connect the Town Common to the Falls while providing recreational cyclists with access to conservation trails and CT River on lower volume/ lower speed / scenic roadways, introduce, traffic calming measures, improve visibility for cyclists, and promote fitness, and encourage bicycle tourism to local destinations.	No	Lathrop Street - Alvord & Brainerd Lathrop Street - Brainerd & W. Summit Alvord Street - Lathrop & Pine Alvord Street - Stonegate & Ferry Alvord Street - Pine & Stonegate Canal Street - Main & Maple Canal Street - Maple & W. Summit Ferry Street Main Street - Canal & Carew Main Street - Carew & Bridge West Summit Street - Lathrop & N. Main West Summit Street - Canal & N. Main	109696.1796, 888147.6252 109162.499700002, 886467.625300001 109786.257799998, 888453.3752 109716.156300001, 889264.9377 109759.601499997, 888858.4373 109074.931000002, 885562.140000001 108967.187299997, 885714.25 111038.632799998, 890579.9375 109074.931000002, 885562.140000001 109228.312399998, 885583.5625 110530.894199997, 891176.6899 108504.718699999, 886368.7498	109786.257799998, 888453.3752 109696.1796, 888147.6252 109759.601499997, 888858.4373 109369.955200002, 890912.931000002 109716.156300001, 889264.9377 108967.187299997, 885714.25 108504.718699999, 886368.7498 109369.955200002, 890912.931000002 109228.312399998, 885583.5625 109589.867399998, 885526.749899998 109879.281499997, 893139.750100002 108844.898699999, 886491	CS Needs Assess Bike / Ped Plan									No	\$142,504	\$142,504	N/A	7	August-2018

Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)
11	Granby Road - Route 202	Separated bike lanes will be added to the corridor, bike route signs, high visibility intersection treatments and pedestrian accommodations will greatly enhance this critical regionally significant corridor.	No	Lyman St to Granby T.L	111494.617399998, 886750.8748	113024.981899999, 888355.1127	CS Needs Assess Bike / Ped Plan	S1, B2, B9, B11, B13	X			X				No	\$570,699	\$0	Fed Aid: \$570,699	8	August-2022
12	College Street - Route 116	Separated bike lanes and designated bike lanes will enhance access along this regionally significant corridor and connect high priority local destinations	No	Silver St. to Route 47	111497.742200002, 890697.187600002	111314.203000002, 890403.4373	CS Needs Assess Bike / Ped Plan	S1, B2, B9, B11, B13	X			X				No	\$94,330	\$94,330	N/A	9	August-2021
13	Bridge Street - Route 116	Bicycle signage and pavement markings to delineate shared use. Sidewalk upgrades and traffic calming improvements.	No	Lamb Street to Main St.	109854.8596, 885760.6873	109589.867399998, 885526.749899998	CS Needs Assess Bike / Ped Plan Urban Redvlp Plan Master Plan	B4, B8, B13	X			X				No	\$71,957	\$71,957	N/A	8	August-2026
14	Lyman Street Bicycle Improvements	On-road bicycle network improvements including signage and pavement markings	No	Pitroff Avenue to Brainerd Street	111494.617399998, 886750.8748	109937.921899997, 888175.5	CS Needs Assess Bike / Ped Plan	B7, B8, B9	X			X				No	\$44,458	\$44,458	N/A	7	August-2025
15	Newton Street - Route 116 - Bike Lanes	Extend existing Rt. 116 bike lanes beyond State layout.	No	Route 202 ramps to Lamb St	109935.353200004, 886139.6303	109854.8596, 885760.6873	CS Needs Assess Bike / Ped Plan	B2	X			X				No	\$79,772	\$79,772	N/A	9	August-2026
16	East St. sidewalks	New sidewalk construction on East Street will improve connectivity of the sidewalk network and provide access to the South Hadley Commons, and schools.	No	Morgan St. to Granby Rd.	112378.726800002, 889425.437399998	112918.429499999, 888260.4377	CS Needs Assess Bike / Ped Plan	S1, P2, P5	X	X	X					No	\$270,156	\$270,156	N/A	8	August-2023

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17	Buttery Brook Valley Bike Share Station (Solar)	Expand Valley Bike Share with new solar charging station.	No	Buttery Brook Park	111363.672, 886033.612	11363.672, 886033.612	CS Needs Assess Bike / Ped Plan	B0	X			X				No	\$10,000	\$10,000	N/A	9	August-2031
18	Spring Street bicycle boulevard	On-road shared-use bicycle boulevard network connection to Beaches recreational fields, and Town Hall. Includes signage, pavement marking traffic calming.	No	Spring Street from Hartford St. to Main St. (1,101 ft.)	109853.867399998, 885374.375100002	110181.6329, 885430.8748	CS Needs Assess Bike / Ped Plan	B6, B7, B8	X			X				No	\$5,506	\$5,506	N/A	7	August-2032
19	Woodbridge St (Route 116) Silver to Meadow Lane - bicycle network connection	On Road Bicycle Network Improvements, bike lanes, traffic calming	No	Silver St. to Meadow Lane	111601.601400003, 891207.8123	111497.742200002, 890697.187600002	CS Needs Assess Bike / Ped Plan	S1, S5, S10 S12, B2	X			X				No	\$119,528	\$119,528	N/A	9	August-2023
20	Main Street bicycle and crosswalk improvements	Bicycle network enhancements, crosswalk improvement	No	Bridge to Lamb St	109589.867399998, 885526.749899998	109812.1721, 885442.1875	CS Needs Assess Bike / Ped Plan RTP Master Plan Urban Redvlp Plan	B13, B8, S1, S4, S13, S14, S16, P1, P2, P9, P12	X			X				No	\$48,392	\$48,392	Federal Aid	7	August-2023
21	Granby Rd (Rt. 202) sidewalks	Improve existing sidewalks and construct new sidewalks to fill sidewalk gaps	No	Pine Grove Dr to East St.	112352.6721, 887775.937199999	112918.429499999, 888260.4377	CS Needs Assess Bike / Ped Plan	P1, P2, P3, P5, P6, P10	X	X	X					No	\$151,519	\$151,519	N/A	9	August-2032
22	Route 116 - (Amherst Rd) Bicycle Network	On-road bicycle network improvements including signage and pavement markings	No	House #22 Amherst Rd to Woodbridge	111622.843699999, 891237.1248	111884.006200001, 891238.452500001	CS Needs Assess Bike / Ped Plan	S1, S5, S10 S12, B2	X			X				No	\$0	\$0	N/A	8	August-2029
23	Morgan Street Separated bike lane	Separated bike lanes on this 30 ft roadway with connection to the Town Center, major employment center, and local schools.	No	Morgan St from Park St. to College	111846.867299996, 889570.625300001	111063.718800001, 889710.437600002	CS Needs Assess Bike / Ped Plan	S1, S5, S10 S12, B2, B7, B11	X			X				No	\$182,842	\$182,842	N/A	7	August-2036

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24	Cedar Ridge Rd bicylce boulevard	Bicycle boulevard (530 ft) from including signage and pavement markings, traffic calming	No	Cedar Ridge Road to Brainerd (530 ft)	109215.976800002, 888083.125	109195.437399998, 888243.4373	CS Needs Assess Bike / Ped Plan	S1, S5, S10 S12, B9, S8, B8	X			X				No	\$2,651	\$2,651	N/A	9	August-2027
25	Cedar Ridge bicycle boulevard	On-road bicycle network improvements including signage and pavement markings, traffic calming	No	Cedar Ridge to Alvord St. (2000 ft.)	109733.703000002, 888274.937600002	109072.382799998, 888226.7502	CS Needs Assess Bike / Ped Plan	S1, S5, S10 S12, B9, S8, B6	X			X				No	\$12,131	\$12,131	N/A	6	August-2032
26	Brainerd Street bicycle network connection	This narrow road will receive minor width improvements, signage and pavement markings, traffic calming to alert motorist to other users.	No	Lathrop to N. Main St.	109696.1796, 888147.6252	108916.909400001, 888003.830499999	CS Needs Assess Bike / Ped Plan	S1, S5, S10 S12, B9, S8	X			X				No	\$10,529	\$10,529	N/A	8	August-2029
27	East Street bicycle network	This narrow, low volume, low speed road will receive few width improvements, signage and pavement markings, traffic calming (including temporary speed humps) speed warning signs, to alert motorist to other users.	No	Granby Rd. to Morgan	112918.429499999, 888260.4377	112378.726800002, 889425.437399998	CS Needs Assess Bike / Ped Plan	S1, S5, S10, B9, S8	X			X				No	\$270,156	\$270,156	N/A	7	August-2041
28	Mountain View sidewalk	New sidewalk construction.	No	Carriage Lane to Granby Road	112319.468900003, 887910.812399998	112404.148599997, 887821.1248	CS Needs Assess Bike / Ped Plan	S1, B9	X	X	X					No	\$25,111	\$25,111	N/A	6	August-2027
29	Sunset Avenue bicycle boulevard	Local neighborhood street resurfaced for bikeway network connection with bike route signage for shared us, traffic calming, temporary speed humps.	No	Dale Street to Granby Road	112029.601599999, 887465.499899998	111435.2029, 887866.25	CS Needs Assess Bike / Ped Plan	S8, B6, B7, B8	X			X				No	\$13,823	\$13,823	N/A	8	August-2029

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30	South Hadley Falls Complete Street Project	Install high visibility midblock crosswalk and RRFB on Bridge St, upgrade to countdown ped signals and upgrade crosswalk at Lamb/Bridge; install ADA ramps on Lamb St; bike boulevard on School/Gaylord; crosswalk and curb extension E. Carew & E. School; High visibility street signs; bike lane; bike measures at intersection	No		109372.406099997, 885572.937399998 109883.718800001, 885672.749899998 109873.281400003, 886025.937600002 109728.227499999, 885653.683200002	109934.338200003, 886140.305399999 109489.235799998, 885174.254299998 109848.133000001, 885452.3748 109730.574600004, 885651.065200001	CS Needs Assess Urban Develop Plan Master Plan Bike / Ped Plan	S1, S2, S3, S5, S7, S17, B2, B6, B8, B13, P1, P2, P3, P8, P9, P10, P11, P12, P13, T1,	X	X	X	X	X			No	\$400,000	\$400,000	N/A	9	August-2019
31	North Main Street bicycle network	This low volume 25ft roadway is a bikeway network connection that will be improved with bike route signage, shared use pavement markings, radar feedback speed signs, and pavement improvements.	No	Judd to West Summit	108851.390799999, 887252.2498	108844.898699999, 886491	CS Needs Assess Bike / Ped Plan	S5, S17, B7, B8	X			X				No	\$18,430	\$18,430	N/A	8	August-2030
32	East Red Bridge Lane Bicycle Network Improvement	Bicycle boulevard on low volume neighborhood street, with signage traffic calming.	No	Mountain View to Westbrook Rd.	111964.473399997, 888524.6708	111915.631700002, 888743.232900001	CS Needs Assess Bike / Ped Plan	S17, B6	X			X				No	\$4,758	\$4,758	N/A	6	August-2031
33	Morgan Street bicycle network improvements	This bikeway network connection will have travel lanes narrowed and marked shoulders to slow traffic and encourage bicycling.	No	East to Park Street	112378.726800002, 889425.437399998	111846.867299996, 889570.625300001	CS Needs Assess Bike / Ped Plan	S7, S17, B7, B0	X			X				No	\$123,911	\$123,911	N/A	7	August-2032
34	Hartford St. sidewalk	New sidewalk Improve Local Sidewalks and fill sidewalk gaps	No	Spring St. to Bolton St.	110181.6329, 885430.8748	110156.458899997, 885502.724300001	CS Needs Assess Bike / Ped Plan	P1, P5, P9	X	X	X					No	\$15,938	\$15,938	N/A	9	August-2020

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35	Red Bridge Lane bicycle improvement	Bicycle boulevard on low volume neighborhood street, with signage traffic calming.	No	E. Red Bridge Lane to Westbrook Rd.	112038.445699997, 888895.686500002	111964.473399997, 888524.6708	CS Needs Assess Bike / Ped Plan	S17, B6	X			X				No	\$4,917	\$4,917	N/A	8	August-2023
36	Ludlow Rd. bicycle improvement and sidewalk upgrades	marked bicycle lanes, bike route signage, and radar speed feedback signs, and sidewalk repairs, improve this network connection.	No	Hartford St. to Laurie Ave	110201.171800002, 885341.6875	110857.024899997, 885288.4472	CS Needs Assess Bike / Ped Plan	B2, B7, P1	X			X				No	\$230,747	\$230,747	N/A	7	August-2021
37	Mountain View St. bicycle boulevard	Local neighborhood street resurfaced for bikeway network connection with bike route signage. Shared use road.	No	Granby Rd. to E. Red Bridge Ln.	112404.148599997, 887821.1248	111980.453199998, 888456.187600002	CS Needs Assess Bike / Ped Plan	S1, B9	X			X				No	\$156,015	\$156,015	N/A	9	August-2032
38	Judd Avenue sidewalk	Construct new sidewalk and crosswalks	No	North Main St. to Lathrop St.	108851.390799999, 887252.2498	109415.031099997, 887272.1252	CS Needs Assess Bike / Ped Plan	P5, P12	X	X	X					No	\$115,346	\$115,346	N/A	6	August-2035
39	Alvord St. sidewalk	Construct new sidewalk and crosswalks	No	Brainerd St. to Stonegate Dr	109696.1796, 888147.6252	109716.156300001, 889264.9377	CS Needs Assess Bike / Ped Plan	P5, P12	X	X	X					No	\$230,897	\$230,897	N/A	7	August-2028
40	Mulligan Drive bicycle boulevard	Bicycle boulevard on low volume neighborhood street, with signage traffic calming.	No	Alvord St to Ledges	109775.343699999, 888695.481600001	108938.194200002, 888571.2205	CS Needs Assess Bike / Ped Plan	B6, B7	X			X				No	\$9,511	\$9,511	N/A	8	August-2017
41	Pine St. sidewalk	Construct new sidewalk	No	Alvord St. to Brainerd St.	109759.601499997, 888858.4373	110624.921999998, 888666.6877	CS Needs Assess Bike / Ped Plan	P2, P5	X	X	X					No	\$193,791	\$193,791	N/A	8	August-2033
42	Woodbridge St. sidewalk	Construct new sidewalk	No	The Knolls to Pearl St.	111615.8125, 891758.9373	111128.320100002, 892969.750399999	CS Needs Assess Bike / Ped Plan	P2, P5	X	X	X					No	\$269,856	\$269,856	N/A	7	August-2029
43	San Souci Drive bicycle route	Bicycle route signage/ wayfinding/ mapping	No	San Souci Drive to Stonegate	109259.211099997, 889275.9375	108601.840000004, 889202.052099999	CS Needs Assess Bike / Ped Plan	B7	X			X				No	\$22,722	\$21,722	Rec Trails: \$1,000	9	August-2028

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44	Stonegate Drive bicycle route	Bicycle route signage / wayfinding / mapping	No	San Souci Drive to Alvord St	109716.156300001, 889264.9377	109259.211099997, 889275.9375	CS Needs Assess Bike / Ped Plan	B7	X			X				No	\$4,739	\$3,739	Rec Trails: \$1,000	6	August-2037
45	Hartford Street bicycle boulevard	Bicycle route signage; Bicycle boulevard lane marking	No	Spring St. to Ludlow St	110181.6329, 885430.8748	110201.171800002, 885341.6875	CS Needs Assess Bike / Ped Plan	B6, B7, B9	X			X				No	\$1,648	\$1,648	N/A	7	August-2034
46	Alvord St. sidewalk	construct new sidewalk	No	Stonegate Dr. to Ferry St	109716.156300001, 889264.9377	109369.955200002, 890912.931000002	CS Needs Assess Bike / Ped Plan	P2, P5	X	X	X					No	\$193,791	\$193,791	N/A	7	August-2039
47	North Main St. bicycle network connection	On road bike route signage, traffic calming, radar speed feedback signs.	No	N. Main St from Brainerd St to Judd Ave.	108916.909400001, 888003.830499999	108851.390799999, 887252.2498	CS Needs Assess Bike / Ped Plan	B7, B8, B9	X			X				No	\$26,115	\$26,115	N/A	6	August-2027
48	Hadley St (Rt 47) bicycle network connection	On road bicycle improvements including bike route signs, shoulder width improvements	No	Rt. 47 (Hadley St) from Community Garden to Pearl St.	110531.175999999, 891175.236699998	109879.109899998, 893139.634	CS Needs Assess Bike / Ped Plan	S1, S5, S12, S15, S17, B2, B7, B9	X			X				No	\$727,094	\$727,094	N/A	8	August-2036
49	Dale Street bicycle improvements	Bicycle boulevard on low volume neighborhood street, with signage traffic calming.	No	Lloyd St to Wildwood	111278.878600001, 888118.578899998	111542.007700004, 887533.3127	CS Needs Assess Bike / Ped Plan	B6, B7, B9	X			X				No	\$8,688	\$8,688	N/A	7	August-2030
50	River Road bicycle improvements	Signed on-road bicycle network connection, on scenic road providing access to CT River trails	No	N. Main to Cove Island	108780.218699999, 886633.937600002	107662.0471, 887363.3748	CS Needs Assess Bike / Ped Plan	B7, B9	X			X				No	\$1,797	\$1,797	N/A	7	August-2035
51	Black/Stevens Conservation Area Multit-use Trail	Develop Multi-use Trail network linking conservation areas, local schools, and local bikeway network (ADA accessible)	No	Plains Elementary School to South Hadley High School	111334.954, 886689.011	110189.624, 886827.303	CS Needs Assess Open Space & Rec Plan Bike / Ped Plan	B1, B7	X	X	X	X				No	\$1,200,000	\$400,000	MassTrails Rec Trails: \$100,000 PARC: \$350,000 Fed Aid: \$350,00	8	August-2029
52	Lloyd Street bicycle improvements	On road bicycle boulevard and traffic calming	No	Richview St to Dale St.	111163.921800002, 888054.1877	111278.878600001, 888118.578899998	CS Needs Assess Bike / Ped Plan	B6, B7, B9, S8	X			X				No	\$3,096	\$3,096	MassTrails Rec Trails PARC	8	August-2023

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53	Connecticut River Loop off-road multi-use trail	Off-road recreational multi-use trail provides scenic connections to CT. River	No	Mulligan Rd to Upper River Rd	109290.187600002, 888673.062600002 108938.194200002, 888571.2205 107561.845200002, 888338.237300001	108281.225000001, 888445.6105 108947.607500002, 888572.4377 108938.194200002, 888571.2205	CS Needs Assess Bike / Ped Plan	B1, B7	X	X	X	X				No	\$1,203,000	\$400,000	MassTrails Rec Trails: \$3,000 Federal Aid: \$800,000	7	August-2032
54	Hadley St. (Route 47) bicycle lanes	On road bicycle network improvements, including bike lanes, signage, lane widening	No	Route 47 from Titan Pier Road to Hadley T.L. (2,685 ft.)	109398.476599999, 893199.5625	109093.203299999, 893845.556899998	CS Needs Assess Bike / Ped Plan	S1, S5, S15, B2, B7, B9	X			X				No	\$257,836	\$0	Federal Aid: \$256,856	9	August-2035
55	Hadley St (Route 47) bicycle lanes	On road bicycle network improvements, including bike lanes, signage, lane widening	No	Route 47 from Pearl Street to Titan Pier Rd. (1,602 ft.)	109879.281499997, 893139.750100002	109398.476599999, 893199.5625	CS Needs Assess Bike / Ped Plan	S1, S5, S15, B2, B7, B9	X			X				No	\$153,884	\$0	Federal Aid: \$153,884	6	August-2036
56	Bynan Conservation multi-use trail	Construct a multi-use trail along the utility corridor (8,429 ft.) from Willmansett to East St. thru adjacent to Bynan Conservation Area	No	Willmansett St. to Granby TL.	111445.427, 885664.852	113207.422, 887533.397	CS Needs Assess Bike / Ped Plan	B10	X			X				No	\$2,100,000	\$400,000	MassTrails Rec Trails: \$100,000 Fed Aid: \$1,200,000 PARC: \$350,000	9	August-2038
57	Amherst Rd (Route 116) bicycle improvements	On-road bicycle improvements including bicycle lanes, widening of shoulders, signage	No	Route 116 from Pearl Street to House #22 (5,808 ft.)	112159.75, 892198.625	111884.006200001, 891238.452500001	CS Needs Assess Bike / Ped Plan	S15, B2, B9	X			X				No	\$557,568	\$0	Federal Aid: \$315,143	7	August-2039
58	Westbrook Rd. bicycle boulevard network connection	bicycle boulevard with pavement markings, wayfinding, signage	No	Westwood Rd, from Red Bridge Ln to Mosier St. (1,456 ft.)	111742.609300002, 889238.9373	112266.937700003, 888405.625100002	CS Needs Assess Bike / Ped Plan	B6, B7, B9, B8	X			X				No	\$19,768	\$19,768	N/A	7	August-2040
59	Woodbridge Street bicycle route	On-road bicycle route signage, traffic calming	No	Pearl St. to Amherst Rd. (6,078 ft.)	111128.320100002, 892969.750399999	111622.843699999, 891237.1248	CS Needs Assess Bike / Ped Plan	S5, B9	X			X				No	\$12,156	\$12,156	N/A	9	August-2041
60	Upper River Road scenic recreation bike route	On-road bicycle route signage and wayfinding with access to the CT. River	No	Upper River Rd from San Souci to Riverlodge Rd. (2,171 ft.)	107990.281099997, 889277.562600002	108480.343900003, 889671.749899998	CS Needs Assess Bike / Ped Plan	S5, B9, B7	X			X				No	\$4,343	\$4,343	N/A	6	August-2035

Rank	Project Name	Project Description	Environmental Justice Population	Project Limits	Project Start Location: X,Y Coordinates (MA State Plane meter)	Project End Location: X,Y Coordinates (MA State Plane meter)	Complete Streets Project Origin (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	Will this project be in Coordination with other Communities? (list, if applicable)	Total Estimated Project Cost	Complete Streets Funding Requested	Other Funding Source(s) and Amount (if applicable)	Anticipated Construction Duration (number of months)	Desired Construction Start Date (month/year)
61	River Lodge Road scenic recreational bike route	Scenic on-road recreational bicycle touring route signage/wayfinding providing access to the CT. River	No	Alvord St to Upper River Road	109445.242200002, 889791.1252	108304.281400003, 889690.875100002 111471.2403, 886834.666000001	CS Needs Assess Bike / Ped Plan	S5, B9, B7, S11	X			X				No	\$11,348	\$11,348	N/A	7	August-2042
62	River Rd. scenic recreational bike route	On-road scenic recreational bicycle route signage and wayfinding providing access to the CT. River	No	Cove Island to Tigger Lane	107662.0471, 887363.3748	107386.673500001, 887764.533500001	CS Needs Assess Bike / Ped Plan	B7, B9	X			X				No	\$6,190	\$6,190	N/A	8	August-2043
63	River Rd scenic recreational bike route (continued)	On-road bicycle route signage and wayfinding providing access to the CT. River	No	Tigger Ln to End of River Rd (2,063 ft.)	107386.673500001, 887764.533500001	107702.991499998, 888883.2623	CS Needs Assess Bike / Ped Plan	B7, B9	X			X				No	\$9,309	\$9,309	N/A	9	August-2044
64	Upper River Rd scenic bikeway recreation route	On-road recreational/scenic bicycle route with signage/wayfinding [providing access to the CT. River	No	San Souci to Southerly Dead End (2,092 ft.)	107702.991499998, 888883.2623	108009.820500001, 889159.375100002	CS Needs Assess Bike / Ped Plan	B7, B9	X			X				No	\$6,278	\$6,278	N/A	8	August-2045
65	Pearl Street bikeway route	On-road bikeway route with signage/wayfinding and traffic calming devices	No	Pearl Street from Hadley St to Amherst Rd (9,814 ft.)	109879.281499997, 893139.750100002	112671.961199999, 892747.707400002	CS Needs Assess Bike / Ped Plan	B7, S5	X			X				No	\$49,072	\$49,072	N/A	7	August-2026
66	Spring Street bicycle boulevard	On-road shared-use bicycle boulevard network connection to Beaches recreational fields, and Town Hall. Includes signage, pavement marking traffic calming.	No	Spring Street from Hartford St. to Main St. (1,101 ft.)	109853.867399998, 885374.375100002	110181.6329, 885430.8748	CS Needs Assess Bike / Ped Plan	B6, B7, B8	X			X				No	\$5,506	\$5,506	N/A	7	August-2032

