

Plainville

Complete Streets Needs Assessment & Prioritization Plan

December, 2019

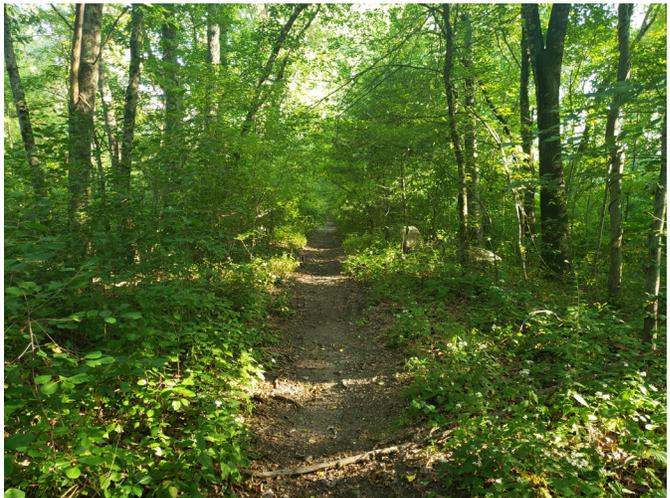


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Introduction

This Complete Streets Needs Assessment for the town of Plainville was completed using a technical assistance grant from the MassDOT Complete Streets Funding Program. It provided the town with the opportunity to have SRPEDD assess their bicycle, pedestrian, and transit facilities and to ultimately help them put together a list of projects that will improve those networks.

What are “Complete Streets”

Complete Streets are roadways or streets that safely and comfortably accommodate all users, regardless of age and ability or mode of transportation (see Figure 1). Users include, but are not limited to: motorists, bicyclists, pedestrians, public transportation riders and providers, emergency response vehicles, freight operators, and school buses. The needs of each of these users are unique and the way they use the transportation network is different; therefore, a number of design features need to be considered to accommodate all users.

Complete Streets components can include roadway design features such as ADA compliant sidewalks and crossings, curb extensions, bicycle lanes, shared use pavement markings, bus shelters and pull-outs, wayfinding signage, landscaping, street lighting, and many other items. Not all streets need to include every Complete Streets element, rather, each street should contain the appropriate level of “completeness” depending on its context and function.



Figure 1: Example of “Complete Streets” elements (Streetmix.net)

MassDOT Complete Streets Funding Program

The MassDOT Complete Streets Funding Program was launched in February 2016 to provide technical assistance and construction funding to communities that demonstrate a commitment to include Complete Streets in policy and in practice. In short, a community may be eligible for up to \$400,000 in construction funding to implement Complete Streets elements in municipal projects. The optional technical assistance funding component allowed SRPEDD to assist Plainville in evaluating the conditions of their bicycle, pedestrian, public transportation network; to identify problem areas; and, to develop a comprehensive improvement plan (a.k.a. “Prioritization Plan”). The MassDOT approved Prioritization Plan allows Plainville to then apply for the \$400,000 in construction funding.

Plainville’s Complete Streets Policy

Plainville adopted its Complete Streets Policy in February 2019. The policy clearly states the purpose to be:

“The purpose of the Town of Plainville’s Complete Streets Policy is to accommodate all road users by creating a roadway network that meets the needs of individuals utilizing a variety of transportation modes, to continue to develop the town’s off-road trail network, and to create connections between both facilities. It is the intent of the Town of Plainville to formalize the planning, design, operation and maintenance of streets so that they are safe for users of all ages, all abilities and all income levels as a matter of routine.” - Plainville Complete Streets Policy (February 2019)

Importantly, is also states:

“The Complete Streets Committee (Director of the Department of Public Works, Director of the Department of Planning & Development, and the Town Administrator) will use their best judgment regarding the feasibility of applying Complete Streets principles for all routine roadway maintenance projects.” - Plainville Complete Streets Policy (February 2019)

The Town of Plainville’s Complete Streets Committee played an active role in developing the town’s Complete Streets Prioritization Plan. More detail about the Committee and their role in the process is included in the following sections of this report.

Goals & Objectives

The goals and objectives of this Complete Streets Needs Assessment directly supported the commitments in the town's Complete Streets Policy. The overall goal was to identify areas in town that are in need of complete streets improvements, to determine the type of improvements, and provide a strategy for implementation.

The key objectives of this Complete Streets Needs Assessment included the following:

1. Improve the safety for all users;
2. Provide connectivity for all users;
3. Increase the mobility for all users;
4. Prioritize elements in a cost effective nature;
5. Enhance the livability and sustainability of the community; and,
6. Employ context sensitivity.

Figure 2 and Figure 3 below show examples of areas in Plainville that are in need of improvements to ensure safe and comfortable bicycle and pedestrian access. Those areas are included in Plainville's Complete Streets Prioritization Plan in Appendix A of this report.



Figure 2: An older sidewalk on South Street in need of repair.



Figure 3: Thickly settled area on West Bacon Street without bicycle and pedestrian facilities.

In order to support the objectives, the following questions were considered throughout the process:

Safety

What is the vehicle crash history in the particular area?

Is there a history of crashes involving bicyclists or pedestrians?

Are there areas that have barriers to safe pedestrian crossings?

Are the roadway conditions appropriate for bicycle travel?

Are there other factors that deter non-motorized users?

Connectivity & Mobility

Do the different modes of travel connect in a safe and comfortable way?

Are there options for bicycle, pedestrian, and transit riders nearby?

Are there physical or operational barriers to connecting different modes?

Are there physical or operational challenges associated with the transit infrastructure or service?

Livability/Sustainability & Context Sensitivity

What are the adjacent land uses and are there trip generators nearby?

Is there evidence that the particular area has a history of bicycle and pedestrian activity?

Cost Effectiveness

What are the physical barriers to adding non-motorized accommodations to the roadway?

Are there land ownership issues that need to be addressed?

Are there public utilities (electric lines, water and wastewater lines, gas lines, etc.) affected?

These questions helped shape the Complete Streets Evaluation criteria which was used to score each project. Appendix B contains the Complete Streets Evaluation Criteria used for this project while Appendix C includes the results of the project scoring.

Methodology

Complete Streets Needs Assessment

The Complete Streets Needs Assessment was a comprehensive analysis of the town of Plainville's current level of multi-modal accommodations. It focused on the addressing the following Complete Streets needs:

Safety: Addressing high crash locations, reducing vehicular speeds, etc.

ADA accessibility: Providing wheelchair ramps, ensuring adequate clearance widths, etc.

Pedestrian safety or mobility: Adding new/improved crosswalks, sidewalks/paths, pedestrian signals, etc.

Bicycle safety or mobility: Adding new bike lanes, wider shoulders, signal accommodation, bicycle parking, etc.

Transit operations and access: Enhancing stop amenities, consolidating bus stops, etc.

Vehicular operations: Addressing irregular intersections, improving congested areas, etc.

Freight operations: Ensuring adequate lane widths, addressing inadequate signage, etc.

Guidance Documents

This Complete Streets Needs Assessment was completed using guidance from the following documents/manuals:

- MassDOT Project Development and Design Guide
- FHWA Manual on Uniform Traffic Control Devices (MUTCD)
- AASHTO: A Policy on the Geometric Design of Highways and Streets
- AASHTO: Guide for the Development of Bicycle Facilities
- United States Access Board Streets and Sidewalks Guidelines
- Massachusetts Architectural Access Board (AAB 521 CMR: 21.2.1)
- MassDOT Separated Bike Lane Planning & Design Guide
- National Complete Streets Coalition Resources
- National Association of City Transportation Officials Design Guides

The Process

SRPEDD completed this Complete Streets Needs Assessment in the following steps:

1 *Review of Town Plans/Documents*

SRPEDD conducted a thorough review of the town's municipal documents (e.g. Master Plan, Open Space & Recreation Plan, Subdivision Rules and Regulations) to identify areas of focus and to reveal town priorities. In addition, at the project kick-off meeting, Plainville's Complete Streets Committee provided SRPEDD with a number of priority areas to the town.

2 *Existing Conditions Evaluation*

SRPEDD completed an extensive existing conditions evaluation of the pedestrian, bicycle, and transit networks throughout the winter, spring, and summer months of 2019. SRPEDD staff collected data about the roadway networks in Plainville that helped identify gaps and needs as well as future project locations and their required components. More information regarding the elements of this survey are provided in the following sections.

3 *Public Input*

SRPEDD created an online interactive map on the project's webpage asking citizens to share their thoughts about where improvements should be made. The map also asked citizens to describe what the particular issues are and how they think the issues should be addressed.

4 *Project Development/Cost Estimation*

SRPEDD provided the town with the results of the Existing Conditions Evaluation in a clear and understandable format and worked with the town to develop a draft list of projects and associated preliminary project costs.

5 *Project Evaluation & Prioritization*

SRPEDD and the Complete Streets Committee developed a comprehensive evaluation criterion (scoring system based on value of improvement) for final project prioritization. In addition, SRPEDD worked with the Committee to evaluate and prioritize the final list of specific projects for submittal to MassDOT.

1 Review of Town Plans/Documents

This assessment included the review of several of Plainville's relevant planning documents. Those included the town's Master Plan (2009), the Open Space & Recreation Plan (update pending in 2019), and the Rules and Regulations governing the Subdivision of Land (1992).

Master Plan (2009)

Plainville's Master Plan is a long-term policy document that aspires to achieve a balance between the need for growth and the responsibility to preserve its rural character and natural resources. Although dated, some goals of the Transportation section included improving traffic safety at dangerous intersections and high-crash locations as well as improving bicycle and pedestrian access throughout town.

Open Space & Recreation Plan (update pending in 2019)

Plainville's Open Space & Recreation Plan provides a blueprint for responsible conservation and recreation planning. The Plan's goals include developing an accessible, connected open space and trail network; promoting public education, municipal training, and multi-partner collaboration; preserving and protecting Plainville's water resources, natural resources, and cultural resources, and; providing ample public recreational opportunities for people of all ages and abilities.

Rules and Regulations Governing the Subdivision of Land (1992)

Plainville's Rules and Regulations Governing the Subdivision of Land regulate the laying out and construction of ways in subdivisions and, in proper cases, parks and open areas. Regulations require five foot wide bituminous concrete or equivalent sidewalks along one side of minor, local, and arterial streets in single-family subdivisions; along both sides of the street on collector streets in single-family subdivisions; and on all streets in apartment, condominium, commercial, and industrial subdivisions, or extend the full width to the curb.

In all single-family, apartment or condominium subdivisions some walks or bikeways may be located in ten-foot-wide easements in lieu of being located within street right-of-way, if a safer, more convenient and economical pedestrian and bicycle circulation can be attained. Walks shall be built to the same transverse and longitudinal slope as the street pavement.

2 Existing Conditions Evaluation

To report on the conditions of the pedestrian, bicycle, and transit network in Plainville, a thorough survey was conducted. It began with a simple “verification” of the existing network presented in the MassDOT Road Inventory File confirming features such as sidewalk widths, material, and conditions; shoulder widths, material and conditions; the presence of street trees and roadside lighting; and crosswalk presence and conditions. The following sections describe the analysis completed as part of the Existing Conditions Evaluation.

Network Gap Analysis

SRPEDD analyzed the most recent and available bicycle, pedestrian, and transit facilities GIS data from the town and other relevant State entities to identify existing gaps in those networks. SRPEDD then performed field surveys to verify the GIS information and edited the file where needed. In addition, SRPEDD staff documented the characteristics (length, general pavement conditions, adjacent land characteristics, and land use) of the gaps in the network.

American with Disabilities Act (ADA) Survey

SRPEDD performed field surveys of ADA accommodations that included, but was not limited to: measuring existing sidewalk widths, identifying the number of sidewalk obstructions, surveying sidewalk surface conditions, and quantifying and surveying curb ramps (location, size, and physical components).

Bicycle, Pedestrian, and Transit Infrastructure Evaluation

SRPEDD performed a Bicycle, Pedestrian and Transit Infrastructure Evaluation in order to document the conditions of those facilities. The bicycle, pedestrian, and transit evaluation included, but was not limited to: documenting the condition and measuring the widths of roadway shoulders, identifying the presence and type of street lighting, identifying and evaluating the locations and conditions of transit facilities, and documenting signage.

Roadway & Intersection Crash Analysis

SRPEDD utilized MassDOT GIS crash data (2017-2019) to identify safety issues along all roadway corridors and at unsignalized and signalized intersections that had at least three reported crashes. This information was used to conduct a thorough three-year crash analysis that included a review of any reported bicycle and pedestrian crashes.

3 Public Input

To gather the community's thoughts as to what types of bicycle, pedestrian, transit, and automobile projects they think should be included in the Prioritization Plan, SRPEDD created an online interactive WikiMap on the project's webpage. The WikiMap, launched in Spring 2019, asked citizens to share their thoughts about where improvements should be made, the particular issue they were concerned with and how they think it should be addressed. To be sure that it reached the widest possible audience, the town advertised the WikiMap on both the town's website and Facebook page. In total approximately 50 comments were received.

4 Project Development/Cost Estimation

Based on a document review of the town plans and the existing conditions evaluation, SRPEDD developed a draft list of projects that filled the gaps in the network, improved ADA compliance, addressed aging and/or deteriorated infrastructure, and improved safety.

Project Development/Cost Estimation

SRPEDD provided the Committee with the results of the Existing Conditions Evaluation in map form and worked with the town to refine a draft list of projects. Following the confirmation of the project list, SRPEDD developed preliminary project costs for each project using the weighted bid prices found in MassDOT's Construction Project Estimator and MassTrails Shared Use Path Design Guide Cost Estimator. The project cost estimation worksheets are in Appendix E.

5 Project Evaluation & Prioritization

Evaluation Criteria

SRPEDD developed a set of criteria to score projects in order to provide a prioritized list. The basic themes included: Livability/Sustainability, Connectivity, Safety, Trip Generators, Traffic Volume, Project Readiness, and Aligning with the Committee. Each project received a numeric value (0-3) for each theme representing how the improvement addressed each issue. The Evaluation Criteria table are in Appendix B.

Prioritized List of Projects (Prioritization Plan)

SRPEDD and the Committee considered the results of the evaluation criteria and weighed them against the objectives of the needs assessment to develop the final list of projects. The town then submitted the Prioritization Plan to MassDOT for approval.

Existing Conditions

General

The Town of Plainville, located in southwest Norfolk County is composed of a combination of rural and suburban type residential properties with commercial entities generally located along Routes 1, 1A, and 106 and in the area of the Interstate 495 interchange. It is located approximately 31 miles south of Boston and approximately 14 miles north of Providence, RI. Neighboring towns include Wrentham to the north, Foxborough to the east, North Attleborough to the south, and Cumberland, Rhode Island to the west. The major roadways in Plainville include Interstate 495, Route 1, Route 1A, Route 106, and Route 152. The town has regular fixed-route bus service via the Greater Attleboro Taunton Regional Transit Authority (GATRA). Areas in town that receive transit service include sections of the Route 1A and Route 106 corridors. More detail about the fixed-route bus service in Plainville is located in the Transit Network section on page 19 of this report.

Population

Plainville is a small rural-suburban community with a population of 8,264 (2010 Census). Between 2000 and 2010, the U. S. Census indicates that Plainville's total population increased by nearly 7.6%, with the largest population growth occurring in the 55 to 64-year-old age group (36.1%). Like many other SRPEDD region communities, Plainville's population is growing older, which demonstrates the importance of Complete Streets treatments in encouraging healthy and active lifestyles. It should also be noted that there are a large amount of families with children (approximately 31% of the households) living in Plainville that also need Complete Streets to walk to school and nearby recreational sites.

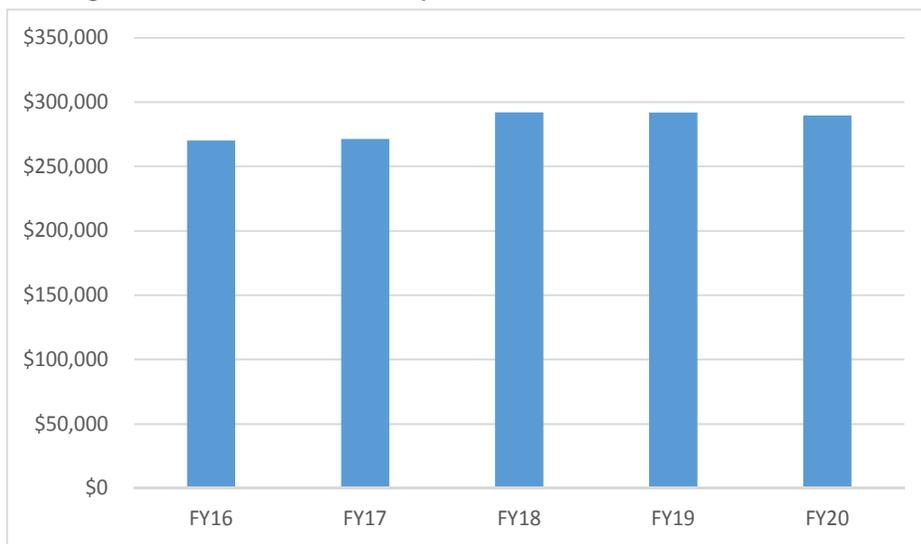
Land Use

The majority of the town's residential development is in the form of single family homes. However, in recent years, there has been a number of higher density residential developments built along the Route 1 corridor. Commercial land uses are generally found along major roadway corridors (Route 1, Route 1A, and Route 106) and near the I-495 interchange in the northwestern part of town. Due to the presence of dedicated open space, many horse farms and stables and the lack of municipal sewer, the eastern part of town is quite rural. Plainville's municipal uses, such as the Town Hall, Police Station, Fire Station, and Library are located along Route 1A, while its two schools are located along Route 106.

Chapter 90 Funding

Plainville receives approximately \$283,000 per year in state aid (also known as Chapter 90 funds) to help maintain the locally owned roadways in town. The amount of funding that is received through the program combined with the increasing costs of projects generally provides for a limited number of projects each year. Simply said, there are more needs than there are funds to address them. Figure 5 shows Plainville’s allotment of Chapter 90 funds from the past 5 years (FY16 to FY20).

Figure 5: Town of Plainville Chapter 90 Fund Allocation (FY16 to FY20)



Considering the limited amount of Chapter 90 funds received each year, Plainville is fortunate to be participating in the Complete Streets Funding Program in order to address much needed multi-modal improvement projects.

Road Network

Plainville's roadway network can be generally categorized in two types of roads; heavily travelled state numbered routes and lesser travelled local roads. The heavily travelled state numbered routes Route 1A (South Street), Route 1 (Washington Street) Route 106 (East Bacon and Messenger Street), and Route 152 (Taunton Street) consist of a pavement surface that includes a double yellow centerline with painted edgelines (formal shoulder demarcation) that meets a sidewalk and includes a formal drainage system. Lane widths are generally 11-13 feet wide, with some variation. The lesser travelled local roads generally consist of a pavement surface that lacks a centerline, painted edgelines, and sidewalks, but does have a formal drainage system. Lane widths vary greatly however and range from 9 feet (Mirimichi Street) to 15 feet (Rhodes Street).

Jurisdiction

According to the 2018 MassDOT Road Inventory File, Plainville has a total 54.27 centerline miles of roadway. Approximately 46.74 centerline miles (86%) of the total are roadways under town jurisdiction while 4.40 miles are under MassDOT jurisdiction (Route 1 and Interstate 495) and 3.13 miles are unaccepted roadways (see Figure 6 on page 15). It should be noted that SRPEDD only performed the existing conditions evaluation on town-owned roads.

Functional Classification

The Federal Highway Administration (FHWA) defines functional classification as "the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide: 'The basic idea is to develop a network of roadways (arterials, collectors, and local roadways) that enable travel in the most logical manner possible. According to the 2018 MassDOT Road Inventory File, Plainville contains a total of 1.35 centerline miles of interstate, 10.88 centerline miles of arterials, 7.82 centerline miles of collectors, and a total of 34.22 centerline miles of local roadways (see Figure 7 on page 16). This is important because only the interstates, arterials and collectors are eligible for federal aid; therefore, Plainville must use their Chapter 90 funds to maintain approximately 63% of the roads in town.

Posted Speed Limits

The posted speed limits generally vary depending on the roadway. In general, the speed zones range from a low of 30 mph on many roads in town, including many major roads, such as South Street and East Bacon Street as well as many side streets to a high of 55 mph, found along

parts of Washington Street (Route 1). The Manual on Uniform Traffic Control Devices (MUTCD) states that shared lane markings or “sharrows” should not be applied to roadways with posted speed limits over 35 mph. This limitation is important in Plainville because the majority of town owned roadways cannot physically accommodate bicycle lanes (due to roadside constraints); therefore, in order to provide bicycle accommodations, Plainville plans to provide shared use markings and MUTCD approved signage. That said, there are some roadways (Taunton Street) that have posted speeds limits above 35 mph and have existing space to consider bicycle lanes on both sides of the road.

Roadway & Intersection Safety

Plainville did not have any locally owned intersections or areas that appeared on MassDOT’s Top 200 Intersections Cluster (2014-2016) or on MassDOT’s Highway Safety Improvement Program (HSIP) Bicycle or Pedestrian 2007-2016 crash clusters, but did have three intersections on MassDOT’s HSIP Vehicle Crash Cluster (2014-2016).

1. Messenger Street (Route 106) at Taunton Street (Route 152): 52 total crashes; 5 non-serious and possible injury crashes and 47 non-injury crashes.
2. South Street (Route 1A) at East/West Bacon Street (Route 106): 15 total crashes; 3 fatal and serious injury crashes, 6 non-serious and possible injury crashes, and 6 non-injury crashes.
3. Washington Street (Route 1) at George Street: 11 total crashes; 6 non-serious and possible injury crashes and 5 non-injury crashes.

Both the South Street (Route 1A) at East/West Bacon Street (Route 106) intersection and the Washington Street (Route 1) at George Street intersection appear in the Southeastern Massachusetts Metropolitan Planning Organization’s FFY2020-2024 Transportation Improvement Program (TIP). The South Street (Route 1A) at East/West Bacon Street (Route 106) intersection is part of the Reconstruction of South Street from Sharlene Lane to Everett Street project (ID #608750). This project has yet to be scheduled and is currently in the Supplemental Project List. The Washington Street (Route 1) at George Street intersection is scheduled to be addressed as the Intersection Improvements at Washington Street (Route 1) and George Street project (#608934) in FFY2023. While not in the TIP, the Messenger Street (Route 106) at Taunton Street (Route 152) intersection is addressed in this Plan as Project #3: Messenger Street & Taunton Street Intersection Improvements project. This project calls for the installation of accessible pedestrian signals, ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks.

Figure 6: Town of Plainville Roadway Network by Jurisdiction

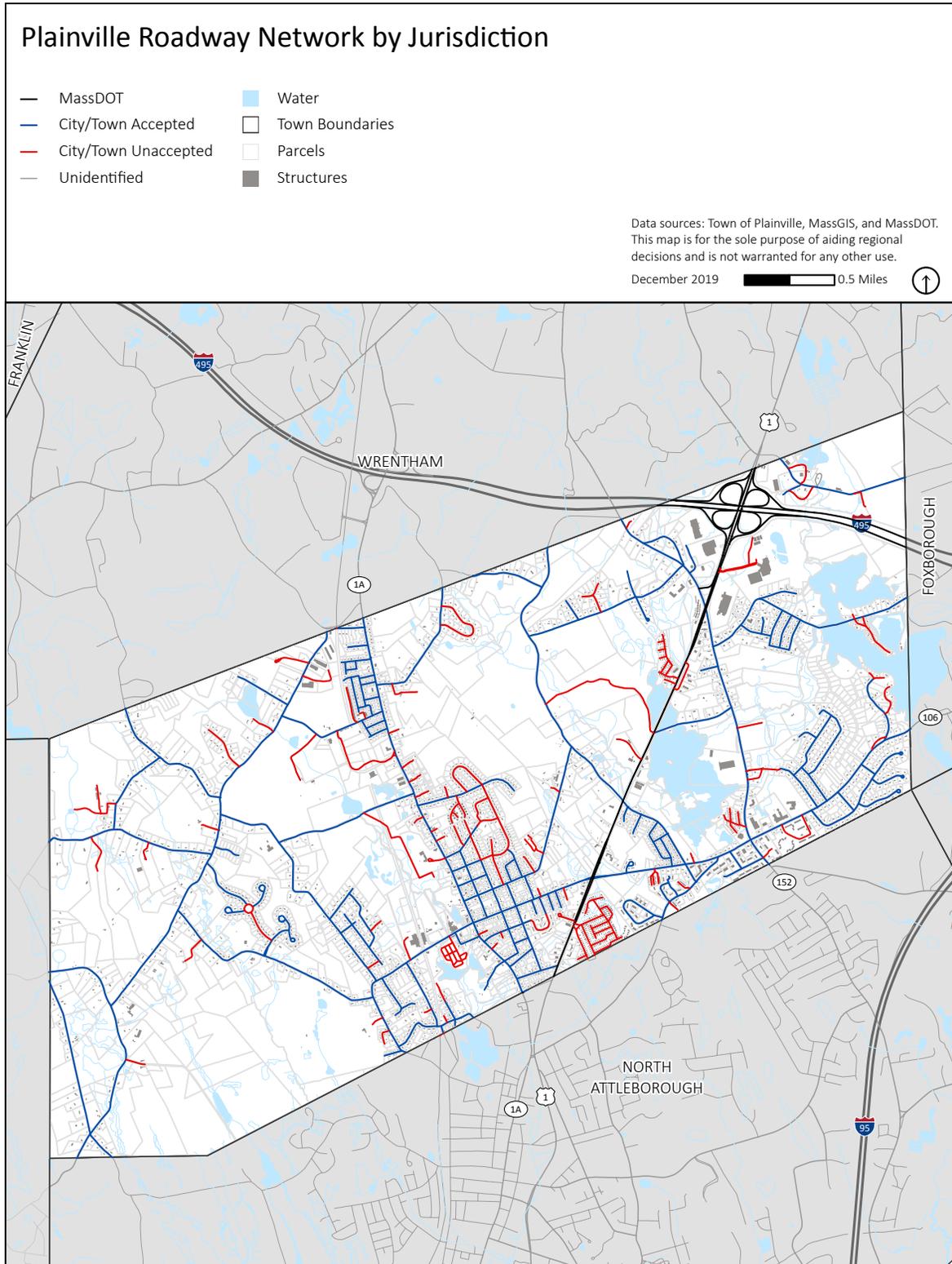
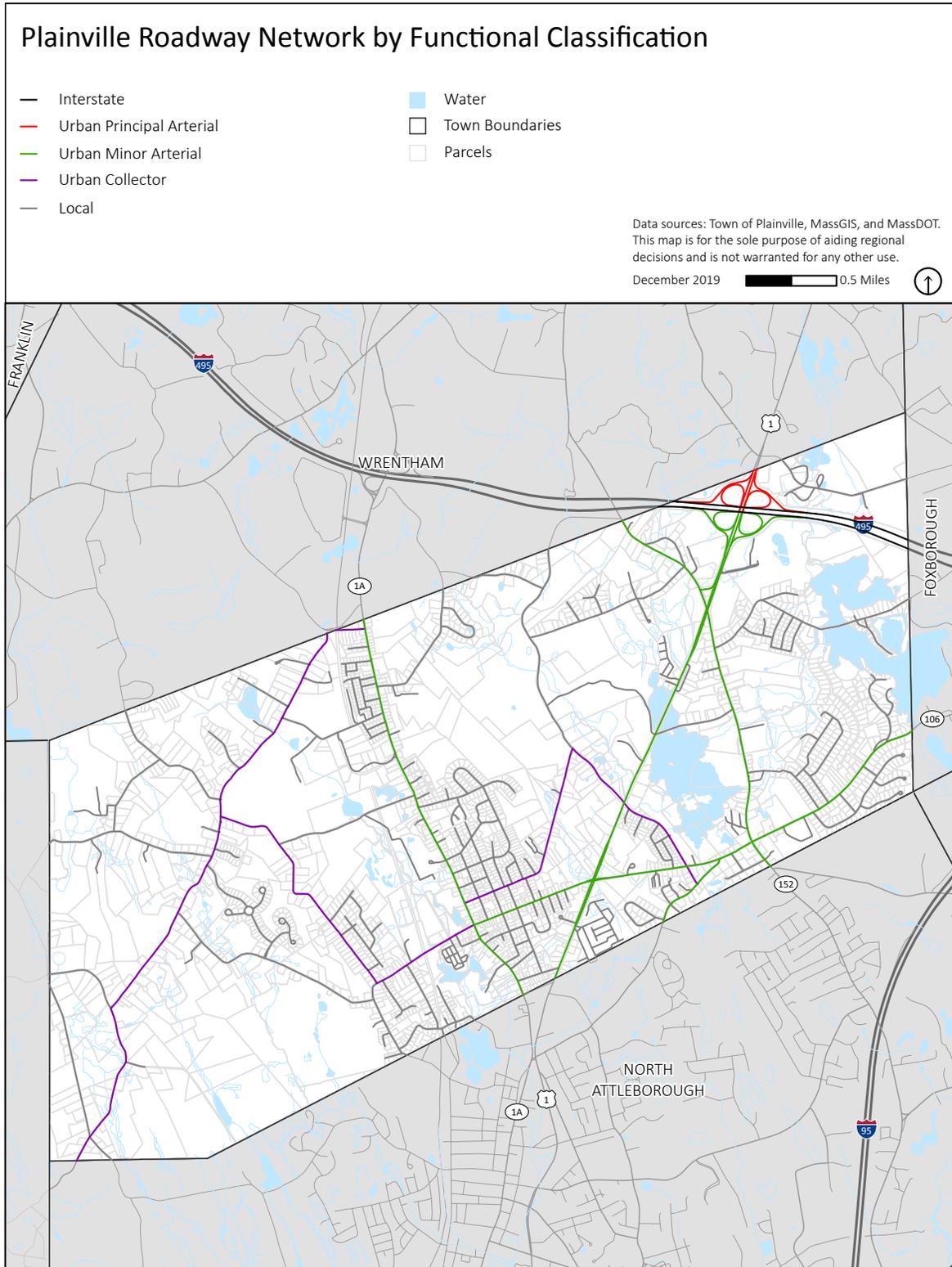


Figure 7: Town of Plainville Roadway Network by Functional Classification



Pedestrian Network

The pedestrian network analysis consisted of verifying the existence of sidewalks, confirming their locations and extents, and analyzing their condition and compliance with the Americans with Disabilities Act (ADA) of 1990. The following sections highlight the results of SRPEDD's pedestrian network analysis.

Sidewalks

Plainville's current sidewalk network is generally concentrated along major roadways, including Route 1A, Route 106, and Route 152 as well as within a few residential subdivisions, including the Messenger Glen neighborhood (Landau Road, Morningside Drive) and the Millbrook Estates neighborhood (Millbrook Drive, Colonial Way). There are also other smaller neighborhoods and cul-de-sacs in town that have existing sidewalks; however, there are no existing connections to the main roadways (See figure 11 on page 20).

Overall, the condition of the existing sidewalks in Plainville vary. Some are newer and in good condition with proper ADA accessibility (South Street - from School Street to the Town Park), whereas others (East Bacon Street - from South Street to Washington Street) are older and in fair to poor condition and do not provide proper ADA accessibility (inadequate clearance width, lack of proper curb ramps, trip hazards, and excessive slopes). SRPEDD identified many gaps in the existing sidewalk network that need to be addressed. Figure 8 shows an example of an older sidewalk with a deteriorated walk surface, a lack of ADA compliant curb ramps, and excessive cross slopes.



Figure 8: Older sidewalk on East Bacon Street with deteriorated walk surface.

Crossings

During the existing conditions evaluation, SRPEDD noted that the town generally uses three types of crosswalks; the “standard” type (found on South Street at East/West Bacon Street), the “solid” type (found on South Street at the Town Park), and the “continental” type (found



Figure 9: “Solid” type crosswalk on South Street at the Town Park

on South Street at Town Hall and Public Safety Complex). It should be noted that at the time of the field surveys, the majority of the existing crossing pavement markings were in good to fair condition. That said, it is recommended that town choose one type of crossing, either the high visibility “continental”, “zebra” or “ladder” type (as shown in Figure 10 below) and begin to apply that type throughout town.

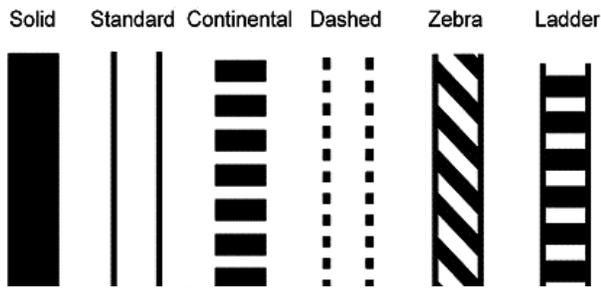


Figure 10: Crosswalk types

Numerous studies been conducted to determine the best type of crossing treatment; however, at this point, the Manual on Uniform Traffic Control Devices (MUTCD) has yet to determine the preferred treatment. Nevertheless, those studies have shown that drivers were more likely to see the “continental”, “zebra”, and “ladder”; therefore, employing one of them for the entire town is highly recommended.

Off-Road Trail Network

Plainville’s current off-road trail network is largely concentrated in the town’s conservation areas. Notable trails in town include the Rail Trail located behind Town Hall, the Eagle Scout Nature Trail off Everett Skinner Road, the trails adjacent to the Plainville Athletic League complex off Everett Skinner Road, and the trails within the recently acquired Hawkins Woods property. Town staff is in the process of mapping additional trails in town, with the goal of creating a town wide off-road trail network accessible to the public.

Bicycle Network

A bicycle network is an assemblage of facilities that enhance the safety and comfort of bicyclists. Facilities can generally be separated into three (3) groups: 1.) separate use paths and separated bicycle lanes (off-road facilities), 2.) on-road bicycle lanes, 3.) designated/signed routes and “sharrows”. For this assessment SRPEDD identified and analyzed Plainville’s bicycle network and summarized them into either the “on-road” or “off-road” type facilities.

On-Road Bicycle Conditions

Plainville’s “on-road” bicycle network is limited to a small section of Route 1 from Interstate 495 to the intersection of Routes 1 and 152. The rest of the town lacks a formal “on-road” bicycle network. There are no marked bike lanes or shared use pavement markings (“sharrows”) in town. Currently, bicyclists must use either the formal painted shoulder (if present) or the edge of the travel lane and “share the road” with motorized vehicles; however, there currently isn’t signage that indicates this situation. Nevertheless, there are some roads in Plainville where the creation of bike lanes is feasible (South Street and Taunton Street) due to the available pavement width. The remainder of Plainville’s on-road bicycle facilities will need to include sharrows and appropriate signage due to a lack of adequate pavement width for bicycle lanes and roadside constraints (large shade trees, wetlands, utility poles, etc.).

Off-Road Bicycle Conditions

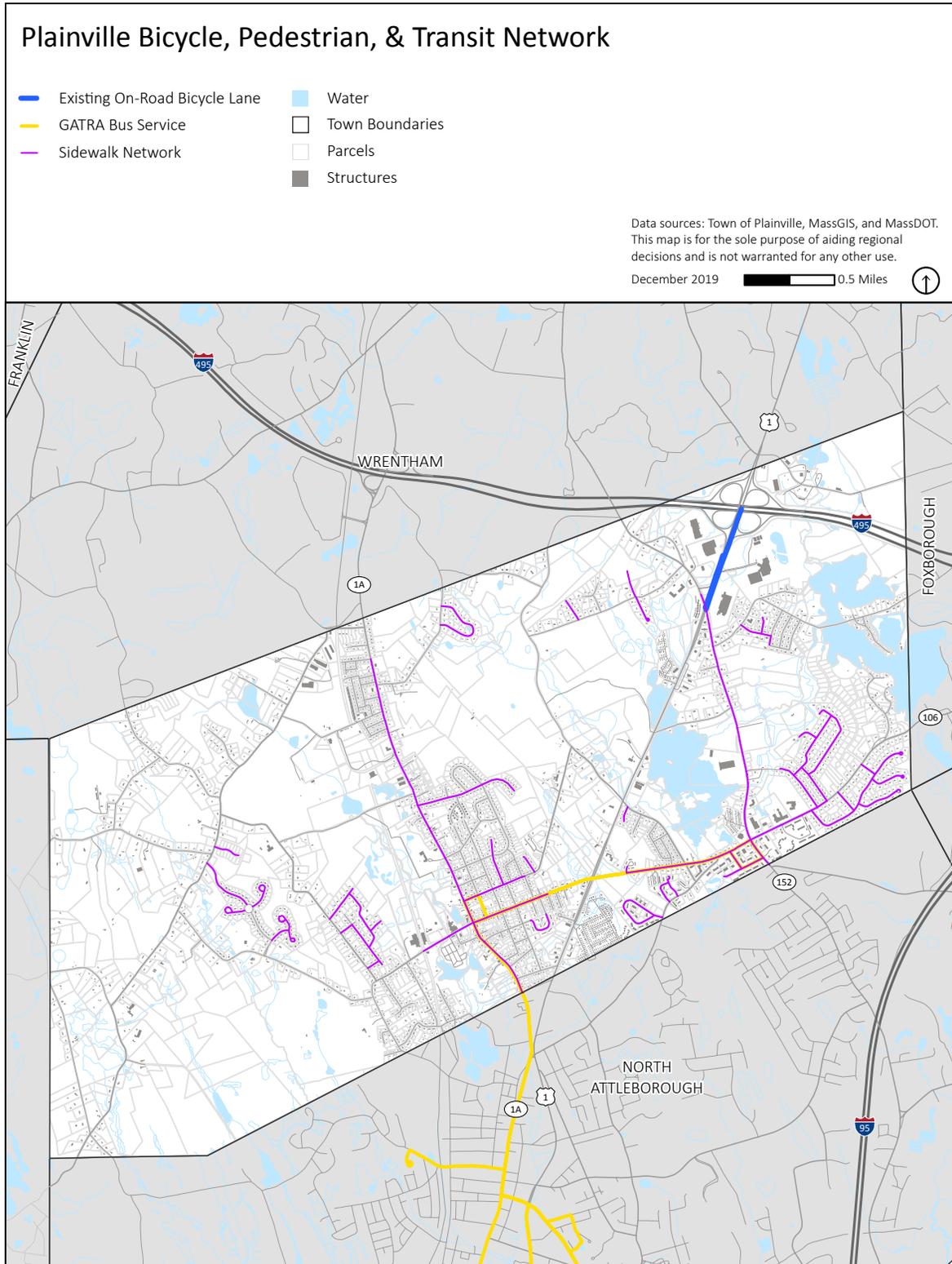
There currently are no off-road bicycle facilities in Plainville; however, the town is interested in furthering developing the existing rail trail into a shared-use path as noted in their pending Open Space and Recreation Plan. The trail runs along the path of an old rail bed from Fuller Street to West Bacon Street. The trail is currently difficult to navigate in wet weather and there several areas where severe ponding occurs. The development of this rail bed into a shared-use path would begin the creation of an off-road bicycle network in Plainville. The next phase of the project (also noted in the pending Open Space and Recreation Plan) is to extend the shared-use path from West Bacon Street to Riley Street at the North Attleborough town line.

Transit Network

Plainville has a small, yet important transit network via service provided by the Greater Attleboro/Taunton Regional Transit Authority (GATRA). Route 14 travels along Route 1A and Route 106 in the southern part of Plainville and stops at the Plainville Council on Aging and at

Man Mar Drive connecting Plainville to the Attleboro Transit Center. GATRA primarily operates on a “flag stop” system, where riders simply “flag down” the bus to board (where it is safe). This type of system makes it challenging to improve connections to transit; however, those areas adjacent to the existing network are included in the project list to ensure that folks utilizing the transit service can access it as it passes by. The entire Bicycle, Pedestrian, and Transit Network in Plainville is shown on Figure 11 on the next page.

Figure 11: Town of Plainville Bicycle, Pedestrian & Transit Network



Network Gaps/Needs

Pedestrian Network

Plainville's sidewalk network is largely limited to the Route 1, Route 106, and Route 152 corridors and to a limited number of subdivisions and cul-de-sacs. The network contains some gaps that need filling; and, there are some areas that have issues with ADA accessibility. In addition, there are several roadways that are located in close proximity to pedestrian trip generators (small stores, recreation areas, etc.) that currently do not have sidewalks or bicycle facilities. As such, typical pedestrian projects in the Prioritization Plan include installing new or upgrading existing sidewalks, adding ADA/AAB compliant curb ramps, as well as improving crossing safety for pedestrians as well as adding facilities for bicyclists. For example, Project #1 - East Bacon Street Bicycle & Pedestrian Improvements Project (Phase I) includes replacing the existing sidewalk surface with a new 5-foot wide asphalt sidewalk with granite curbing (where needed) on the right side of the road, adding ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at the intersection with Pleasant Street, Grove Street, Mathhewson Street, Potter Avenue, Hillcrest Drive, Vernon Young Drive, and Visby Avenue and adding sharrows with MUTCD approved bicycle signage.

Bicycle Network

As previously referenced, Plainville has a an extremely limited designated bicycle network (Route 1 from Interstate 495 to the intersection of Routes 1 and 152). The majority of the roadways in Plainville do not have the physical characteristics to provide formal bicycle lanes or even wider shoulders without incurring excessive costs. In addition, the posted speed limits on some of Plainville's roads integral to a bicycle network (i.e.- Taunton Street) are too high for the installation of "sharrows". In these instances, project recommendations include adding bicycle lanes with MUTCD approved bicycle lane signage. The other areas in town that can't support bicycle lanes will have "sharrows" and MUTCD approved signage.

Transit Network

The current transit network consists of one GATRA route (Route 14) in town. The route travels along Route 1A and Route 106 in the southern part of Plainville and stops at the Plainville Council on Aging and at Man Mar Drive on the North Attleborough town line. There is currently a lack of service in the northern part of town; however, the town would need to engage GATRA in discussions about the potential of this type of service.

Recommendations

The following are general recommendations to provide more complete streets elements in the town of Plainville. These are meant to be completed over time and are separate from the MassDOT Complete Streets Funding Program.

Advocacy

The entire 3.3 mile section of Route 1 in Plainville (from the North Attleborough Town Line to the Wrentham Town Line) is under MassDOT jurisdiction and, therefore, outside the jurisdiction of the town. Nevertheless, the town has a vested interest in this roadway and how it contributes to the connectivity of its network. Therefore, it is recommended that Plainville continue to advocate for the improvement of the multimodal accommodations along this roadway and its intersections to ensure safety for all users.

Bicycle Facilities

Plainville should explore every opportunity to install bicycle lanes or wider shoulders where high levels of bicyclists are present. The term “bicycle lane” refers to a portion of a roadway that has been designated for the preferential or exclusive use of bicyclists by striping, signing, and pavement markings. Bike lanes typically range from four feet to six feet in width. In the absence of a formal bike lane, Plainville should make every effort to properly mark shoulders with striping and to widen them where possible. In 2016, SRPEDD completed a Regional Bicycle Plan that identified the existing bicycle infrastructure for its 27-member communities that make up Southeastern Massachusetts, and included a proposed plan for improving and expanding that infrastructure to create a safe, efficient, and connected bicycle network. Plainville should continue to work closely with SRPEDD to identify future opportunities to link in-town routes to the larger regional bicycle network where possible.

Sidewalks

Sidewalk availability, condition, and surface width are important factors of the transportation network in every municipality. Increased opportunities to choose a more active lifestyle have shown to result in improved health, economic viability, neighborhood sustainability, and air quality. Plainville has a limited sidewalk network and several areas are in need of improvement and expansion. Sidewalks should be vertically and horizontally separated from the roadway

and should be a minimum of five feet in width. It is preferable to have a minimum two-foot vegetated buffer strip between the curb and the sidewalk; however, including these elements is a challenge when the municipality does not own the right-of-way. Once constructed or replaced, it is very important that sidewalks are regularly inspected, kept clear of debris and vegetation, and maintained to ensure ADA compliance. Plainville is encouraged to the maximum extent feasible under current funding constraints to regularly maintain the existing network to ensure its longevity.

Projects

As noted in the Methodology section, SRPEDD, in conjunction with town of Plainville, evaluated each project to determine the overall benefit to the community. In summary, each project received a score based on the seven themes (highlighted in the Methodology section) and the result was a prioritized list of projects for the town of Plainville.

Prioritization Plan & Implementation

The following are the top 15 projects listed in the Prioritization Plan that was submitted to MassDOT for approval (the entire Prioritization Plan can be found in Appendix A):

Project List

1. East Bacon Street Bicycle & Pedestrian Improvements (Phase I)

Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of the road (South Street to Vernon Young Drive). Granite curbing is to stay in place and installed in areas where gaps exist. Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Vernon Young Drive to Washington Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11).

2. East Bacon Street and Messenger Street Bicycle & Pedestrian Improvements (Phase II)

Install 5 foot wide asphalt sidewalk where needed and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of the road as needed (Washington Street to Taunton Street). Granite curbing is to stay in place and installed in areas where gaps exist. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

3. Messenger Street School Crosswalk Improvements

Install two sets of Rectangular Rapid Flashing Beacons, one set at the crossing for the Jackson School and one set at the crossing for the Wood School. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at each crossing.

4. Messenger Street & Taunton Street Intersection Improvements

Install accessible pedestrian signals. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks.

5. South Street Bicycle & Pedestrian Improvements

Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Sharlene Drive to 353 South Street). Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the left side of the road (353 South Street to Commerce Boulevard). Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Commerce Boulevard to 439 South Street). Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (439 South Street to the Wrentham Town Line). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

6. Taunton Street Bicycle & Pedestrian Improvements (Phase I)

Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of road (North Attleborough Town Line to Mirimichi Street). Granite curbing is to stay in place. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

7. Taunton Street Bicycle & Pedestrian Improvements (Phase II)

Replace the existing 5 foot wide asphalt sidewalk with a 10-foot wide bidirectional sidepath on the right side of the road (Mirimichi Street to Washington Street). Granite curbing is to stay in place. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

8. School Street Bicycle & Pedestrian Improvements (Phase I)

Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (South Street to Pleasant Street) and replace

the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Pleasant Street to Crestwood Avenue) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Crestwood Avenue to Amvet Drive). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11).

9. West Bacon Street Bicycle & Pedestrian Improvements

Install a new 5 foot wide sidewalk surface with asphalt curbing on the left side of the road (29 West Bacon Street to South Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

10. School Street Bicycle & Pedestrian Improvements (Phase II)

Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Amvet Drive to 65 School Street) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (65 School Street to Field of Dreams). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11).

11. Maple Street Pedestrian Improvements

Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Heather Lane). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

12. Radar Speed Feedback Signage

Install radar speed feedback signs on Messenger Street, South Street, and Taunton Street to reduce and provide awareness to driver speed.

13. West Bacon Street Pedestrian Improvements

Install a new 5 foot wide sidewalk surface with asphalt curbing on the left side of the road (North Attleborough Town Line to Warren Street) and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Warren Street to 29 West Bacon Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

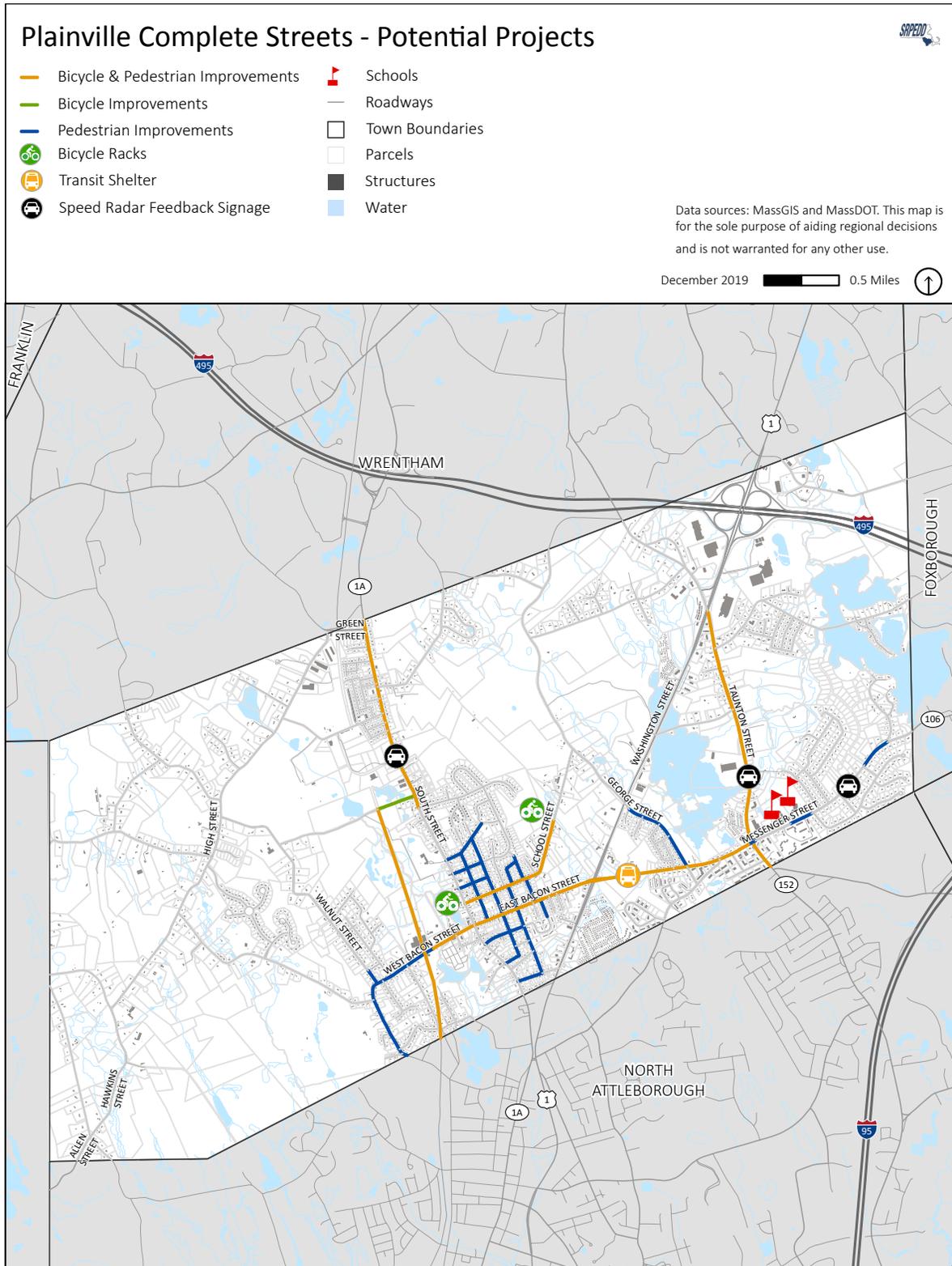
14. Bicycle Racks at Town-Owned Recreation Areas

Install 3 non-proprietary bicycle racks at the Town Park and 2 bicycle racks at the Field of Dreams

15. Broad Street Pedestrian Improvements

Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Pleasant Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Figure 12: Town of Plainville Complete Streets Projects



Appendix A

Plainville Complete Streets Prioritization Plan



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

Date 12/31/2019
 Name/Title Paul Scott, Director of Department of Public Works

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	East Bacon Street Bicycle & Pedestrian Improvements (Phase I)	Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of the road (South Street to Vernon Young Drive). Granite curbing is to stay in place and installed in areas where gaps exist. Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Vernon Young Drive to Washington Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11) (BO).	Yes	South Street to Washington Street	213622, 861526	214686, 861926	CS Needs Assessment	B8, BO, P1, P2, P3, P5, P9, P12	X	X	X	X				No	\$343,841	\$343,841		8	05/01/20
2	East Bacon Street & Messenger Street Bicycle & Pedestrian Improvements (Phase II)	Install 5 foot wide asphalt sidewalk where needed and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of the road as needed (Washington Street to Taunton Street). Granite curbing is to stay in place and installed in areas where gaps exist. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17) (BO).	Yes	Washington Street to Taunton Street	214686, 861926	216099, 862267	CS Needs Assessment	B2, BO, P1, P2, P3, P5, P9, P12, S1	X	X	X	X				No	\$350,748	\$350,748		8	05/01/20
3	Messenger Street School Crosswalk Improvements	Install two sets of Rectangular Rapid Flashing Beacons, one set at the crossing for the Jackson School and one set at the crossing for the Wood School. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at each crossing.	No	Jackson School Crosswalk to Wood School Crosswalk	216459, 862443	216575, 862494	CS Needs Assessment	P2, P3, P9, P12	X	X	X					No	\$32,292	\$32,292		2	05/01/20
4	Messenger Street & Taunton Street Intersection Improvements	Install accessible pedestrian signals. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks.	Yes	Messenger Street at Taunton Street	216099, 862267		CS Needs Assessment	P2, P3, P9, P11	X	X	X					No	\$25,944	\$25,944		4	05/01/20



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

Date 12/31/2019
 Name/Title Paul Scott, Director of Department of Public Works

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)
5	South Street Bicycle & Pedestrian Improvements	Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Sharlene Drive to 353 South Street). Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the left side of the road (353 South Street to Commerce Boulevard). Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Commerce Boulevard to 439 South Street). Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (439 South Street to the Wrentham Town Line). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17) (BO).	No	Sharlene Drive to Wrentham Town Line	213124, 862573	212635, 864249	CS Needs Assessment	B2, BO, P1, P2, P3, P5, P9, P12, S1	X	X	X	X				No	\$585,191	\$400,00	TBD \$185,191	12	05/01/21
6	Taunton Street Bicycle & Pedestrian Improvements (Phase I)	Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of road (North Attleborough Town Line to Mirimichi Street). Granite curbing is to stay in place. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17) (BO).	Yes	North Attleborough Town Line to Mirimichi Street	216268, 862040	215763, 863993	CS Needs Assessment	B2, BO, P1, P2, P3, P9, P12, S1								No	\$404,034	\$400,000	CH 90 \$4,034	8	05/01/21
7	Taunton Street Bicycle & Pedestrian Improvements (Phase II)	Replace the existing 5 foot wide asphalt sidewalk with a 10-foot wide bidirectional sidepath on the right side of the road (Mirimichi Street to Washington Street). Granite curbing is to stay in place. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	Mirimichi Street to Washington Street	215763, 863993	215700, 864324	CS Needs Assessment	B10, P2, P3, P9, P12	X	X	X	X				No	\$183,640	\$183,640		6	05/01/21



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

Date 12/31/2019
 Name/Title Paul Scott, Director of Department of Public Works

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)
8	School Street Bicycle & Pedestrian Improvements (Phase I)	Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (South Street to Pleasant Street) and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Pleasant Street to Crestwood Avenue) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Crestwood Avenue to Amvet Drive). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11) (BO).	No	South Street to Amvet Drive	213538, 861718	214168, 861978	CS Needs Assessment	B8, BO, P1, P2, P3, P5, P9, P12	X	X	X	X				No	\$200,752	\$200,752		8	05/01/21
9	West Bacon Street Bicycle & Pedestrian Improvements	Install a new 5 foot wide sidewalk surface with asphalt curbing on the left side of the road (29 West Bacon Street to South Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17) (BO).	No	29 West Bacon Street to South Street	213181, 861275	213621, 861525	CS Needs Assessment	B2, BO, P2, P3, P5, P9, P12, S1								No	\$116,402	\$116,402		6	05/01/21
10	School Street Bicycle & Pedestrian Improvements (Phase II)	Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Amvet Drive to 65 School Street) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (65 School Street to Field of Dreams). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11) (BO).	No	Amvet Drive to Field of Dreams	214168, 861978	214327, 862460	CS Needs Assessment	B8, BO, P1, P2, P3, P5, P9, P12	X	X	X	X				No	\$152,217	\$152,217		6	05/01/22
11	Maple Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Heather Lane). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	South Street to Heather Lane	213370, 862103	213684, 862432	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$143,509	\$143,509		6	05/01/22
12	Radar Speed Feedback Signage	Install radar speed feedback signs on Messenger Street, South Street, and Taunton Street to reduce and provide awareness to driver speed.	Yes	Messenger Street, South Street, and Taunton Street	217033, 862860; 213202, 862408; 215992, 863198		CS Needs Assessment	S5					X			No	\$48,300	\$48,300		2	05/01/22



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

Date 12/31/2019
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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)
13	West Bacon Street Pedestrian Improvements	Install a new 5 foot wide sidewalk surface with asphalt curbing on the left side of the road (North Attleborough Town Line to Warren Street) and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Warren Street to 29 West Bacon Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	North Attleborough Town Line to 29 West Bacon Street	213022, 860364	213181, 861275	CS Needs Assessment	P1, P2, P3, P5, P9, P12		X	X					No	\$330,523	\$330,523		12	05/01/22
14	Bicycle Racks at Town-Owned Recreation Areas	Install 3 non-proprietary bicycle racks at the Town Park and 2 bicycle racks at the Field of Dreams.	No	Town Park and Field of Dreams	213419, 861745	214236, 862464	CS Needs Assessment	B3				X				No	\$7,448	\$7,448		1	05/01/22
15	Broad Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Pleasant Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	South Street to Pleasant Street	213430, 861983	213686, 862087	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$75,633	\$75,633		4	05/01/22
16	Cottage Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (South Street to Pleasant Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	South Street to Pleasant Street	213483, 861852	213739, 861956	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$91,522	\$91,522		4	05/01/22
17	Messenger Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Gateway Road to Hillside Road). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	Gateway Road to Hillside Road	217102, 862960	217299, 863157	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$93,219	\$93,219		4	05/01/23
18	Pleasant Street Pedestrian Improvements	Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to 12 Pleasant Street) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (12 Pleasant Street to East Bacon Street) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (East Bacon Street to Maple Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	South Street to Maple Street	213899, 861182	213593, 862299	CS Needs Assessment	P1, P2, P3, P5, P9, P12		X	X					No	\$395,547	\$395,547		12	05/01/23



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

Date 12/31/2019
 Name/Title Paul Scott, Director of Department of Public Works

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)
19	Rail Trail Shared Use Path (Phase I)	Construct a shared use path that will be at least be 10 feet wide along the former rail line behind Town Hall that starts at Fuller Street and ends at 29 West Bacon Street (approximately 4,380 ft). At proposed trail crossings, ADA should be addressed to better identify the trailhead as a pedestrian access route rather than a driveway opening	No	Fuller Street to 29 West Bacon Street	212763, 862558	213180, 861275	CS Needs Assessment	B10		X	X	X				No	\$2,154,210	\$400,000	TBD \$1,754,210	24	05/01/23
20	Spring Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (East Bacon Street to Maple Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	East Bacon Street to Maple Street	213745, 861573	213501, 862167	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$172,613	172,613		8	05/01/23
21	GATRA Route 14 Transit Shelter	Install a new transit shelter and boarding/alighting area on the existing concrete pad at the corner of East Bacon Street and Hilltop Terrace.	Yes	140 East Bacon Street	215003, 861982		CS Needs Assessment	T3					X			No	\$16,642	16,642		1	05/01/23
22	Bugbee Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Grove Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	South Street to Grove Street	214011, 861025	214225, 861099	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$120,432	\$120,432		6	05/01/23
23A	Crestwood Avenue Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with granite curbing on the left side of the road (School Street to 17 Crestwood Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	School Street to 17 Crestwood Avenue	214056, 861934	213972, 862139	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$99,173	\$99,173		4	05/01/24
23B	Crestwood Avenue Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (School Street to 17 Crestwood Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	School Street to 17 Crestwood Avenue	214056, 861934	213972, 862139	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$73,390	\$73,390		4	05/01/24
24	Evergreen Road Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (School Street to Crestwood Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	School Street to Crestwood Avenue	213961, 861894	213991, 862091	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$106,467	\$106,467		4	05/01/24
25	Fuller Street Bicycle Improvements	Add sharrows and bicycle signage (R4-11) (BO).	No	South Street to head of Proposed Rail Trail Shared Use Path	213084, 862677	212763, 862558	CS Needs Assessment	B8, BO	X			X				No	\$2,761	\$2,761		2	05/01/24



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

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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)
26	George Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (East Bacon Street to Cherry Tree Lane). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	Yes	East Bacon Street to Cherry Tree Lane	215517, 862048	214999, 862558	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$204,168	\$204,168		8	05/01/24
27	Grove Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Bugbee Street to School Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	Bugbee Street to School Street	214224, 861101	213920, 861875	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$277,924	\$277,924		8	05/01/24
28	Highland Avenue Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (East Bacon Street to School Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	East Bacon Street to School Street	214161, 861740	214083, 861939	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$57,124	\$57,124		4	05/01/24
29	Lincoln Avenue Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Grove Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	South Street to Grove Street	213722, 861359	214061, 861516	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$201,077	\$201,077		8	05/01/25
30A	Potter Avenue Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with granite curbing on the right side of the road (East Bacon Street to 12 Potter Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	East Bacon Street to 12 Potter Avenue	214211, 861752	214270, 861607	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$54,251	54,251		4	05/01/25
30B	Potter Avenue Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (East Bacon Street to 12 Potter Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	East Bacon Street to 12 Potter Avenue	214211, 861752	214270, 861607	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$39,666	\$39,666		4	05/01/25



Complete Streets Funding Program Project Prioritization Plan

Municipality Plainville
 MassDOT District 5

Date 12/31/2019
 Name/Title Paul Scott, Director of Department of Public Works

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)
31	Rail Trail Shared Use Path (Phase II)	Construct the second phase of a shared use path that will be at least 10 feet wide along the former rail line from 29 West Bacon Street to the North Attleborough town line (approximately 2,266 ft). At proposed trail crossings, ADA should be addressed to better identify the trailhead as a pedestrian access route rather than a driveway opening	No	29 West Bacon Street to North Attleborough Town Line	213180, 861275	213318, 860530	CS Needs Assessment	B10		X	X	X				No	\$447,764	400,000	CH 90 \$47,764	24	05/01/25
32	Walnut Street Pedestrian Improvements	Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (West Bacon Street to Walnut Terrace). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.	No	West Bacon Street to Walnut Terrace	212752, 861007	212678, 861120	CS Needs Assessment	P2, P3, P5, P9, P12		X	X					No	\$48,487	\$48,487		4	05/01/25

Appendix B

Complete Streets Evaluation Criteria

Town of Plainville Complete Streets Evaluation Criteria

Theme	Points	Measurement
Livability/Sustainability	0	Project is located in a non-residential area
	1	Project is located in a low-density residential area with little nearby commercial or recreational uses
	2	Project is located in a medium-density residential area with some nearby commercial or recreational uses
	3	Project is located in a high-density residential area with a lot of nearby commercial or recreational uses
Connectivity	0	Project does not improve connectivity
	1	Project improves connectivity for 1-2 users
	2	Project improves connectivity for 3 users
	3	Project improves connectivity for all users
Safety	0	Project does not improve safety
	1	Project improves safety for 1-2 users
	2	Project improves safety for 3 users
	3	Project improves safety for all users
Trip Generators	0	Project does not provide connections to nearby trip generators
	1	Project provides connections to 1-2 trip generators
	2	Project provides connections to 3-4 trip generators
	3	Project provides connections to more than 4 trip generators
Traffic Volume	0	Project is located on a road very low traffic volumes
	1	Project is located on a road with low traffic volumes
	2	Project is located on a road with moderate traffic volumes
	3	Project is located on a road with high traffic volumes
Project Readiness	0	Project has not been designed yet
	1	Project is at 25% design
	2	Project is at 75% design
	3	Project does not require design or is at 100% design
Align with Town Plans	0	Project is not identified in town improvement plans/planning documents
	1	Project is a low priority in town improvement plans/planning documents
	2	Project is a medium priority in town improvement plans/planning documents
	3	Project is a high priority in town improvement plans/planning documents

Appendix C

Complete Streets Project Scoring Results

**Town of Plainville
Complete Streets Project Scoring Results**

Project No.	Project Name	Project Extent	Livability/ Sustainability	Connectivity	Safety	Trip Generators	Traffic Volume	Project Readiness	Align with Town Plans	Estimated Project Cost	Total
1	East Bacon Street Bicycle & Pedestrian Improvements (Phase I)	South Street to Washington Street	2	2	2	3	3	0	3	\$343,841	15
2	East Bacon Street & Messenger Street Bicycle & Pedestrian Improvements (Phase II)	Washington Street to Taunton Street	2	2	2	3	3	0	3	\$350,748	15
3	Messenger Street School Crosswalk Improvements	Jackson School Crosswalk to Wood School Crosswalk	3	2	2	2	3	0	3	\$32,292	15
4	Messenger Street & Taunton Street Intersection Improvements	Messenger Street at Taunton Street	2	2	2	3	3	0	3	\$25,944	15
5	South Street Bicycle & Pedestrian Improvements	Sharlene Drive to Wrentham Town Line	2	2	2	3	3	0	3	\$585,191	15
6	Taunton Street Bicycle & Pedestrian Improvements (Phase I)	North Attleborough Town Line to Mirimichi Street	2	2	2	3	3	0	3	\$404,034	15
7	Taunton Street Bicycle & Pedestrian Improvements (Phase II)	Mirimichi Street to Washington Street	2	2	2	3	3	0	3	\$183,640	15
8	School Street Bicycle & Pedestrian Improvements (Phase I)	South Street to Amvet Drive	2	2	2	3	2	0	2	\$200,752	13
9	West Bacon Street Bicycle & Pedestrian Improvements	29 West Bacon Street to South Street	2	2	2	2	2	0	3	\$116,402	13
10	School Street Bicycle & Pedestrian Improvements (Phase II)	Amvet Drive to Field of Dreams	2	2	2	1	2	0	2	\$152,217	11
11	Maple Street Pedestrian Improvements	South Street to Heather Lane	2	1	1	3	1	0	2	\$143,509	10
12	Radar Speed Feedback Signage	Messenger Street, South Street, and Taunton Street	2	1	1	0	3	3	0	\$48,300	10
13	West Bacon Street Pedestrian Improvements	North Attleborough Town Line to 29 West Bacon Street	2	1	1	1	2	0	3	\$330,523	10
14	Bicycle Racks at Town Owned Recreation Areas	Town Park and Field of Dreams	2	1	1	1	1	3	0	\$7,448	9
15	Broad Street Pedestrian Improvements	South Street to Pleasant Street	2	1	1	2	1	0	2	\$75,633	9
16	Cottage Street Pedestrian Improvements	South Street to Pleasant Street	2	1	1	2	1	0	2	\$91,522	9
17	Messenger Street Pedestrian Improvements	Gateway Road to Hillside Road	1	1	1	0	3	0	3	\$93,219	9
18	Pleasant Street Pedestrian Improvements	South Street to Maple Street	2	1	1	2	1	0	2	\$395,547	9
19	Rail Trail Shared Use Path (Phase I)	Fuller Street to 29 West Bacon Street	1	2	2	1	0	0	3	\$2,154,210	9
20	Spring Street Pedestrian Improvements	East Bacon Street to Maple Street	2	1	1	2	1	0	2	\$172,613	9
21	GATRA Route 14 Transit Shelter	140 East Bacon Street	2	1	1	1	3	0	0	\$16,642	8
22	Bugbee Street Pedestrian Improvements	South Street to Grove Street	2	1	1	0	1	0	2	\$120,432	7
23A	Crestwood Avenue Pedestrian Improvements	School Street to 17 Crestwood Avenue	2	1	1	0	1	0	2	\$99,173	7

**Town of Plainville
Complete Streets Project Scoring Results**

Project No.	Project Name	Project Extent	Livability/ Sustainability	Connectivity	Safety	Trip Generators	Traffic Volume	Project Readiness	Align with Town Plans	Estimated Project Cost	Total
23B	Crestwood Avenue Pedestrian Improvements	School Street to 17 Crestwood Avenue	2	1	1	0	1	0	2	\$73,390	7
24	Evergreen Road Pedestrian Improvements	School Street to Crestwood Avenue	2	1	1	0	1	0	2	\$106,467	7
25	Fuller Street Bicycle Improvements	South Street to head of Proposed Rail Trail Shared Use Path	1	1	1	1	1	0	2	\$2,761	7
26	George Street Pedestrian Improvements	East Bacon Street to Cherry Tree Lane	2	1	1	1	2	0	0	\$204,168	7
27	Grove Street Pedestrian Improvements	Bugbee Street to School Street	2	1	1	0	1	0	2	\$277,924	7
28	Highland Avenue Pedestrian Improvements	East Bacon Street to School Street	2	1	1	0	1	0	2	\$57,124	7
29	Lincoln Avenue Pedestrian Improvements	South Street to Grove Street	2	1	1	0	1	0	2	\$201,077	7
30A	Potter Avenue Pedestrian Improvements	East Bacon Street to 12 Potter Avenue	2	1	1	0	1	0	2	\$54,251	7
30B	Potter Avenue Pedestrian Improvements	East Bacon Street to 12 Potter Avenue	2	1	1	0	1	0	2	\$39,666	7
31	Rail Trail Shared Use Path (Phase II)	29 West Bacon Street to North Attleborough Town Line	1	2	2	0	0	0	2	\$447,764	7
32	Walnut Street Pedestrian Improvements	West Bacon Street to Walnut Terrace	2	1	1	0	2	0	0	\$48,487	6

Appendix D
Crash Summary Table (2017-2019)

**Town of Plainville
Crash Summary Table (2017-2019)**

	Taunton St. (152) & Messenger St. (106)	Taunton St. (152) & Washington St. (1)	Taunton St. & Old Taunton St.	Washington St. (1) & E. Bacon St. (106)	South St. (1A) & E. Bacon St. (106)	Taunton St. & Old Taunton St.	George St. & Washington St. (1)	Taunton St. & Route 1 Off Ramp	George St. & E. Bacon St. (106)	Wilkins Dr. & Messenger St. (106)	Taunton St. (152) & Man-Mar Dr.	South St. (1A) & School St.	Taunton St. (152) & Shepard St.	South St. (1A) & Fuller St.	South St. (1A) & Berry St.	High St. & Rhodes St.	Hawkins St. & High St.
Year																	
2017	38	13	2	8	5	0	10	6	8	1	4	1	1	0	1	0	2
2018	40	15	2	5	6	2	5	10	3	1	3	2	1	1	0	1	0
2019	20	8	0	4	8	2	8	8	2	1	0	1	1	2	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Average per year	32.67	12.00	1.33	5.67	6.33	1.33	7.67	8.00	4.33	1.00	2.33	1.33	1.00	1.00	0.33	0.33	0.67
Collision Type																	
Angle	48	5	3	4	5	1	8	11	10	0	3	3	1	1	0	0	0
Head-on	3	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
Rear-end	37	25	0	12	10	0	3	5	2	1	4	1	2	1	1	0	0
Rear-to-Rear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sideswipe, opposite direction	2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
Sideswipe, same direction	6	1	1	0	0	0	2	7	0	0	0	0	0	1	0	0	0
Single vehicle crash	2	1	0	1	0	1	8	1	1	1	0	0	0	0	0	1	2
Front to Front	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Front to Rear	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Crash Severity																	
Fatal injury	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-fatal injury	12	5	1	5	6	0	7	3	8	0	2	0	1	0	0	0	2
Property damage only (none injured)	76	23	2	11	12	3	15	18	4	3	3	4	2	3	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not reported	10	8	1	1	1	1	1	3	1	0	2	0	0	0	0	1	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Collision With																	
Motor vehicle in traffic	95	35	3	16	19	3	16	23	12	2	7	3	3	2	1	0	0
Parked motor vehicle	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Pedestrian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal - deer	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Animal (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Moped	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Workzone Maintenance Equip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railway (Train, Engine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Movable Object	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curb	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility pole	2	0	0	0	0	0	2	0	0	1	0	0	0	0	0	1	2
Other light pole or other post/support	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Guardrail	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Median barrier	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Ditch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Embankment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bridge overhead structure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown fixed object	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overturn/rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jackknife	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other non-collision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown non-collision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Reported	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Time of Day																	
6 AM to 10 AM	12	8	0	4	4	0	4	2	1	1	1	2	0	1	0	0	0
10 AM to 4 PM	43	14	0	7	6	1	10	8	2	1	4	0	1	2	0	0	0
4 PM to 7 PM	36	7	4	5	4	2	3	10	7	0	1	0	2	0	1	1	1
7 PM to 12 AM	4	7	0	1	5	1	5	4	3	1	1	1	0	0	0	0	0
12 AM to 6 AM	3	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Day of Week																	
Sunday	7	6	0	0	2	1	3	5	0	0	1	0	1	1	0	0	0
Monday	10	0	0	2	4	0	3	6	1	1	1	1	0	0	0	0	0
Tuesday	13	5	0	1	1	1	4	4	5	1	1	0	0	1	0	0	0
Wednesday	19	4	2	2	5	1	2	4	2	0	0	0	0	1	0	1	2
Thursday	15	6	2	7	1	0	2	2	1	0	1	0	0	0	0	0	0
Friday	25	13	0	3	6	1	4	1	1	1	2	2	2	1	0	0	0
Saturday	9	2	0	2	0	0	5	2	3	0	1	1	0	0	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2

**Town of Plainville
Crash Summary Table (2017-2019)**

	Taunton St. (152) & Messenger St. (106)	Taunton St. (152) & Washington St. (1)	Taunton St. & Old Taunton St.	Washington St. (1) & E. Bacon St. (106)	South St. (1A) & E. Bacon St. (106)	Taunton St. & Old Taunton St.	George St. & Washington St. (1)	Taunton St. & Route 1 Off Ramp	George St. & E. Bacon St. (106)	Wilkins Dr. & Messenger St. (106)	Taunton St. (152) & Man-Mar Dr.	South St. (1A) & School St.	Taunton St. (152) & Shepard St.	South St. (1A) & Fuller St.	South St. (1A) & Berry St.	High St. & Rhodes St.	Hawkins St. & High St.
Month of Year																	
January	10	3	0	1	1	0	2	2	0	0	1	0	0	0	0	1	0
February	10	2	0	1	1	2	2	1	3	0	0	0	0	0	0	0	0
March	6	4	0	1	0	0	0	1	1	0	1	2	0	0	0	0	0
April	3	4	0	2	3	0	4	1	0	0	1	1	1	1	0	0	0
May	7	1	1	2	0	0	1	1	1	0	0	0	0	0	0	0	0
June	12	1	0	3	2	0	2	1	4	0	0	0	0	0	0	0	0
July	8	4	0	1	2	1	2	7	1	2	1	0	0	0	0	0	1
August	9	1	1	0	5	0	1	2	0	0	0	0	0	0	0	0	0
September	7	4	1	2	2	1	1	4	1	0	0	0	1	0	1	0	0
October	10	3	0	1	0	0	1	1	2	0	0	0	1	1	0	0	0
November	7	4	0	3	1	0	2	1	0	0	0	1	0	1	0	0	0
December	9	5	1	0	2	0	5	2	0	1	3	0	0	0	0	0	1
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Road Surface Condition																	
Dry	68	22	3	12	10	2	10	16	13	2	6	3	3	2	0	1	2
Wet	18	6	1	2	4	2	3	5	0	0	1	0	0	0	1	0	0
Snow	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0
Ice	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sand, mud, dirt, oil, gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water (standing, moving)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slush	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not reported	11	8	0	2	5	0	5	3	0	1	0	1	0	1	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Weather																	
Clear	57	21	2	7	8	2	13	16	7	3	4	4	2	1	0	1	2
Clear/Clear	21	8	0	4	3	0	2	2	3	0	1	0	1	1	0	0	0
Cloudy	3	0	0	2	3	0	1	1	3	0	1	0	0	0	0	0	0
Cloudy/Cloudy	1	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0
Cloudy/Rain	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Cloudy/Other	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rain	9	4	0	1	3	0	1	4	0	0	0	0	0	0	1	0	0
Rain/Rain	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Rain/Cloudy	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Snow	1	1	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0
Snow/Snow	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sleet, Hail, Freezing Rain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Snow/Sleet, hail (freezing rain or drizzle)	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Sleet, hail (freezing rain or drizzle)/Snow	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fog, Smog, Smoke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Severe Crosswinds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Snow/Blowing sand, snow	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Blowing Sand, Snow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Reported	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2
Light Conditions																	
Daylight	78	27	3	14	14	2	16	15	7	2	6	1	3	3	1	0	0
Dawn	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Dusk	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
Dark - lighted roadway	20	8	1	3	4	1	5	9	5	1	1	2	0	0	0	1	1
Dark - roadway not lighted	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Dark/Unknown Lighting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	98	36	4	17	19	4	23	24	13	3	7	4	3	3	1	1	2

Appendix E

Complete Streets Project Cost Estimate Worksheets

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 1

Project Name: East Bacon Street Bicycle & Pedestrian Improvements (Phase I)

Description: Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of the road (South Street to Vernon Young Drive). Granite curbing is to stay in place and installed in areas where gaps exist. Install a new 5 foot wide asphalt sidewalk with granite curbing on the right side of the road (Vernon Young Drive to Washington Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11).

Extent: South Street to Washington Street

Total Length: 3,545 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	1,018	\$34.78	\$35,390.26
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	4,727	\$4.00	\$18,906.67
103.00	Tree Removed - Diameter Under 24"	Each	8	\$1,000.00	\$8,000.00
104.00	Tree Removed - Diameter Over 24"	Each	8	\$1,440.00	\$11,520.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	2	\$169.33	\$338.66

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrows	Each	35	\$180.00	\$6,381.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	591	\$45.00	\$26,587.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	1,948	\$42.25	\$82,303.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	182	\$40.00	\$7,280.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	140	\$100.00	\$14,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	321	\$221.99	\$71,317.76

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	7	\$1,000.00	\$7,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	131	\$45.00	\$5,908.33
765.00	Seeding	SY	394	\$2.00	\$787.78

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	4	\$108.84	\$435.36
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	35	\$80.00	\$2,836.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal **\$298,992.31**
 15% Contingency **\$44,848.85**

Total **\$343,841.16**
MassDOT Complete Streets Funding Request **\$343,841.16**

Notes: (7) Crosswalks: Pleasant Street, Grove Street, Mathewson Street, Potter Avenue, Hillcrest Drive, Vernon Young Drive, and Visby Avenue.
 1,948 new feet of granite curb will be needed to fill in the gaps. Specifically, 490 feet of granite curb from Grove Street to Mathewson Street and 1,458 feet of granite curb from Potter Avenue to Washington Street.

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 2

Project Name: East Bacon Street and Messenger Bicycle & Pedestrian Improvements (Phase II)

Description: Install 5 foot wide asphalt sidewalk where needed and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of the road as needed (Washington Street to Taunton Street). Granite curbing is to stay in place and installed in areas where gaps exist. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

Extent: Washington Street to Taunton Street

Total Length: 4,638 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	1,331	\$34.78	\$46,301.84
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	6,184	\$4.00	\$24,736.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	5	\$1,440.00	\$7,200.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	1	\$10,000.00	\$10,000.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
854.10	Pavement Marking Removal	SF	9,276	\$1.50	\$13,914.00
866.106	6 Inch ReflectORIZED White Line (Thermoplastic)	FT	9,276	\$0.97	\$8,997.72
--	Pavement Markings - Bike Lane	Each	46	\$180.00	\$8,348.40
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	773	\$45.00	\$34,785.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	920	\$42.25	\$38,870.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	420	\$221.99	\$93,306.56

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	3	\$1,000.00	\$3,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	172	\$45.00	\$7,730.00
765.00	Seeding	SY	515	\$2.00	\$1,030.67

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	2	\$108.84	\$217.68
--	Bike Lane Sign (R3-17) Assembly	Each	6	\$80.00	\$480.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$304,997.87
<i>15% Contingency</i>	<i>\$45,749.68</i>
Total	\$350,747.55
MassDOT Complete Streets Funding Request	\$350,747.55

Notes: (3) Crosswalks: Hilltop Terrace, James Street, and George Street
 460 new feet of granite curb will be needed to fill in the gaps between Washington Street and the Oasis at Plainville Driveway and 460 new feet of granite will be needed to fill in the gaps between Hilltop Terrace and James Street.

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 3

Project Name: Messenger Street School Crosswalk Improvements

Description: Install two sets of Rectangular Rapid Flashing Beacons, one set at the crossing for the Jackson School and one set at the crossing for the Wood School. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at each crossing.

Extent: Jackson School Crosswalk to Wood School Crosswalk

Total Length: N/A

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	0	\$34.78	\$0.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	0	\$4.00	\$0.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	0	\$45.00	\$0.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	0	\$221.99	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	0	\$45.00	\$0.00
765.00	Seeding	SY	0	\$2.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	2	\$10,000.00	\$20,000.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$28,080.00
15% Contingency	\$4,212.00

Total \$32,292.00
MassDOT Complete Streets Funding Request \$32,292.00

Notes: (2) Crosswalks: Jackson School and Wood School

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 4

Project Name: Messenger Street & Taunton Street Intersection Improvements

Description: Install accessible pedestrian signals. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks.

Extent: Messenger Street at Taunton Street

Total Length: N/A

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	0	\$34.78	\$0.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	0	\$4.00	\$0.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	0	\$45.00	\$0.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	104	\$40.00	\$4,160.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	80	\$100.00	\$8,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	0	\$221.99	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	4	\$1,000.00	\$4,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	0	\$45.00	\$0.00
765.00	Seeding	SY	0	\$2.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	8	\$800.00	\$6,400.00

Subtotal					\$22,560.00
<i>15% Contingency</i>					<i>\$3,384.00</i>

Total \$25,944.00
MassDOT Complete Streets Funding Request \$25,944.00

Notes: (4) Crosswalks: (2) on Messenger Street and (2) on Taunton Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 5

Project Name: South Street Bicycle & Pedestrian Improvement

Description: Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Sharlene Drive to 353 South Street). Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the left side of the road (353 South Street to Commerce Boulevard). Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Commerce Boulevard to 439 South Street). Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (439 South Street to the Wrentham Town Line). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

Extent: Sharlene Drive to Wrentham Town Line

Total Length: 5,822 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	1,671	\$34.78	\$58,121.89
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	7,763	\$4.00	\$31,050.67
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	8	\$10,000.00	\$80,000.00
715.10	Mailbox Removed & Reset	Each	3	\$169.33	\$507.99

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	58	\$180.00	\$10,479.60
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	970	\$45.00	\$43,665.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	286	\$40.00	\$11,440.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	5,822	\$18.50	\$107,707.00
701.20	Cement Concrete Wheelchair Ramp	SY	220	\$100.00	\$22,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	528	\$221.99	\$117,126.09

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	11	\$1,000.00	\$11,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	216	\$45.00	\$9,703.33
765.00	Seeding	SY	647	\$2.00	\$1,293.78

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	1	\$108.84	\$108.84
--	Bike Lane Sign (R3-17) Assembly	Each	58	\$80.00	\$4,657.60
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

				Subtotal	\$508,861.78
				15% Contingency	\$76,329.27
				Total	\$585,191.05
				MassDOT Complete Streets Funding Request	\$585,191.05

Notes: (11) Crosswalks: Fuller Street, Commerce Boulevard, Robin Street, Wade Road, Cross Street, Harvard Street, Garfield Street, State Street, Munroe Drive, Pineland Drive, and Green Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 6

Project Name: Taunton Street Bicycle & Pedestrian Improvements (Phase I)

Description: Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk on the right side of road (North Attleborough Town Line to Mirimichi Street). Granite curbing is to stay in place. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

Extent: North Attleborough Town Line to Mirimichi Street

Total Length: 6,726 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	1,931	\$34.78	\$67,146.65
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	8,968	\$4.00	\$35,872.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
854.10	Pavement Marking Removal	SF	13,452	\$1.50	\$20,178.00
866.106	6 Inch ReflectORIZED White Line (Thermoplastic)	FT	13,452	\$0.97	\$13,048.44
--	Pavement Markings - Bike Lane	Each	67	\$180.00	\$12,106.80
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	1,121	\$45.00	\$50,445.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	26	\$40.00	\$1,040.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	20	\$100.00	\$2,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	610	\$221.99	\$135,312.62

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	1	\$1,000.00	\$1,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	249	\$45.00	\$11,210.00
765.00	Seeding	SY	747	\$2.00	\$1,494.67

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	6	\$80.00	\$480.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$351,334.18
<i>15% Contingency</i>	<i>\$52,700.13</i>

Total \$404,034.30
MassDOT Complete Streets Funding Request \$404,034.30

Notes: (1) Crosswalk: Mirimichi Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 7

Project Name: Taunton Street Bicycle & Pedestrian Improvements (Phase II)

Description: Replace the existing 5 foot wide asphalt sidewalk with a 10-foot wide bidirectional sidepath on the right of the road (Mirimichi Street to Washington Street). Granite curbing is to stay in place. Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: Mirimichi Street to Washington Street

Total Length: 1,030

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	296	\$34.78	\$10,282.64
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,373	\$4.00	\$5,493.33
103.00	Tree Removed - Diameter Under 24"	Each	30	\$1,000.00	\$30,000.00
104.00	Tree Removed - Diameter Over 24"	Each	15	\$1,440.00	\$21,600.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	4	\$10,000.00	\$40,000.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	172	\$45.00	\$7,725.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	187	\$221.99	\$41,442.76

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	38	\$45.00	\$1,716.67
765.00	Seeding	SY	114	\$2.00	\$228.89

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	11	\$108.84	\$1,197.24
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$159,686.53
15% Contingency	\$23,952.98

Total \$183,639.51
MassDOT Complete Streets Funding Request \$183,639.51

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 8

Project Name: School Street Bicycle & Pedestrian Improvements (Phase I)

Description: Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (South Street to Pleasant Street) and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Pleasant Street to Crestwood Avenue) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Crestwood Avenue to Amvet Drive). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrow and bicycle signage (R4-11).

Extent: South Street to Amvet Drive

Total Length: 2,180 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	626	\$34.78	\$21,763.26
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	2,907	\$4.00	\$11,626.67
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	1	\$10,000.00	\$10,000.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	11	\$180.00	\$1,962.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	363	\$45.00	\$16,350.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	156	\$40.00	\$6,240.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	2,180	\$18.50	\$40,330.00
701.20	Cement Concrete Wheelchair Ramp	SY	120	\$100.00	\$12,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	198	\$221.99	\$43,856.90

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	6	\$1,000.00	\$6,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	81	\$45.00	\$3,633.33
765.00	Seeding	SY	242	\$2.00	\$484.44

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	4	\$80.00	\$320.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$174,566.61
<i>15% Contingency</i>	<i>\$26,184.99</i>

Total \$200,751.60
MassDOT Complete Streets Funding Request **\$200,751.60**

Notes: (6) Crosswalks: Spring Street, Pleasant Street, Legion Drive, Evergreen Road, Crestwood Avenue, and Amvet Drive

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 9

Project Name: West Bacon Street Bicycle & Pedestrian Improvements

Description: Install a new 5 foot wide sidewalk surface with asphalt curbing on the left side of the road (29 West Bacon Street to South Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Restripe roadway to provide 5 foot wide bicycle lanes with MUTCD approved bicycle lane pavement markings and bicycle lane signage (R3-17).

Extent: 29 West Bacon Street to South Street

Total Length: 1,660 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	476	\$34.78	\$16,572.03
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	2,213	\$4.00	\$8,853.33
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	1	\$10,000.00	\$10,000.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	17	\$180.00	\$2,988.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	277	\$45.00	\$12,450.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	730	\$18.50	\$13,505.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	150	\$221.99	\$33,395.62

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	61	\$45.00	\$2,766.67
765.00	Seeding	SY	184	\$2.00	\$368.89

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	4	\$80.00	\$320.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$101,219.54
15% Contingency	\$15,182.93

Total \$116,402.47
MassDOT Complete Streets Funding Request \$116,402.47

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 10

Project Name: School Street Bicycle & Pedestrian Improvements (Phase II)

Description: Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Amvet Drive to 65 School Street) and install a new sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (65 School Street to Field of Dreams). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets. Add sharrows and bicycle signage (R4-11).

Extent: Amvet Drive to Field of Dreams

Total Length: 1,726 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	495	\$34.78	\$17,230.91
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	2,301	\$4.00	\$9,205.33
103.00	Tree Removed - Diameter Under 24"	Each	11	\$1,000.00	\$11,000.00
104.00	Tree Removed - Diameter Over 24"	Each	6	\$1,440.00	\$8,640.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	17	\$180.00	\$3,106.80

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	288	\$45.00	\$12,945.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	1,726	\$18.50	\$31,931.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	156	\$221.99	\$34,723.40

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	64	\$45.00	\$2,876.67
765.00	Seeding	SY	192	\$2.00	\$383.56

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	4	\$80.00	\$320.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$132,362.67
15% Contingency	\$19,854.40

Total \$152,217.07
MassDOT Complete Streets Funding Request \$152,217.07

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 11
Project Name: Maple Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Heather Lane). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: South Street to Heather Lane

Total Length: 1,373 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	394	\$34.78	\$13,706.86
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,831	\$4.00	\$7,322.67
103.00	Tree Removed - Diameter Under 24"	Each	5	\$1,000.00	\$5,000.00
104.00	Tree Removed - Diameter Over 24"	Each	3	\$1,440.00	\$4,320.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	2	\$10,000.00	\$20,000.00
715.10	Mailbox Removed & Reset	Each	2	\$169.33	\$338.66

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	229	\$45.00	\$10,297.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	1,373	\$18.50	\$25,400.50
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	124	\$221.99	\$27,621.80

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	51	\$45.00	\$2,288.33
765.00	Seeding	SY	153	\$2.00	\$305.11

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	1	\$108.84	\$108.84
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$124,790.27
15% Contingency	\$18,718.54

Total \$143,508.81
MassDOT Complete Streets Funding Request \$143,508.81

Notes: (2) Crosswalks: Maple Terrace and Pleasant Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 12

Project Name: Radar Speed Feedback Signage

Description: Install radar speed feedback signs on Messenger Street, South Street, and Taunton Street to reduce and provide awareness to driver speed.

Extent: N/A

Total Length: N/A

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	0	\$34.78	\$0.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	0	\$4.00	\$0.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	0	\$45.00	\$0.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	0	\$221.99	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	0	\$45.00	\$0.00
765.00	Seeding	SY	0	\$2.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	6	\$7,000.00	\$42,000.00

Subtotal					\$42,000.00
<i>15% Contingency</i>					<i>\$6,300.00</i>

Total \$48,300.00
MassDOT Complete Streets Funding Request \$48,300.00

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 13

Project Name: West Bacon Street Pedestrian Improvements

Description: Install a new 5 foot wide sidewalk surface with asphalt curbing on the left side of the road (North Attleborough Town Line to Warren Street) and replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Warren Street to 29 West Bacon Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: North Attleborough Town Line to 29 West Bacon Street

Total Length: 4,110 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	913	\$34.78	\$31,765.73
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	2,740	\$4.00	\$10,960.00
103.00	Tree Removed - Diameter Under 24"	Each	20	\$1,000.00	\$20,000.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	11	\$169.33	\$1,862.63

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	685	\$45.00	\$30,825.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	4,110	\$18.50	\$76,035.00
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	372	\$221.99	\$82,684.34

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	372	\$45.00	\$16,761.09
765.00	Seeding	SY	4,110	\$2.00	\$8,220.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
874.20	Traffic Sign Removed & Reset	Each	2	\$108.84	\$217.68
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00

Subtotal					\$287,411.47
15% Contingency					\$43,111.72

Total					\$330,523.20
MassDOT Complete Streets Funding Request					\$330,523.20

Notes: (2) Crosswalks: Warren Street and Walnut Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 14

Project Name: Bicycle Racks at Town-Owned Recreation Areas

Description: Install 3 non-proprietary bicycle racks at the Town Park and 2 bicycle racks at the Field of Dreams.

Extent: Town Park and Field of Dreams

Total Length: N/A

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	0	\$34.78	\$0.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	0	\$4.00	\$0.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	0	\$45.00	\$0.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	0	\$221.99	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	0	\$45.00	\$0.00
765.00	Seeding	SY	0	\$2.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	5	\$1,295.33	\$6,476.65
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

				Subtotal	\$6,476.65
				15% Contingency	\$971.50

Total \$7,448.15
MassDOT Complete Streets Funding Request \$7,448.15

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 15
Project Name: Broad Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Pleasant Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: South Street Street to Pleasant Street

Total Length: 911 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	261	\$34.78	\$9,094.65
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,215	\$4.00	\$4,858.67
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	152	\$45.00	\$6,832.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	911	\$18.50	\$16,853.50
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	83	\$221.99	\$18,327.36

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	34	\$45.00	\$1,518.33
765.00	Seeding	SY	101	\$2.00	\$202.44

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$65,767.45
15% Contingency	\$9,865.12

Total \$75,632.57
MassDOT Complete Streets Funding Request \$75,632.57

Notes: (2) Crosswalks: Spring Street and Pleasant Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 16
Project Name: Cottage Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (South Street to Pleasant Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: South Street to Pleasant Street

Total Length: 910 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	261	\$34.78	\$9,084.66
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,213	\$4.00	\$4,853.33
103.00	Tree Removed - Diameter Under 24"	Each	1	\$1,000.00	\$1,000.00
104.00	Tree Removed - Diameter Over 24"	Each	2	\$1,440.00	\$2,880.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	1	\$10,000.00	\$10,000.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	152	\$45.00	\$6,825.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	910	\$18.50	\$16,835.00
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	82	\$221.99	\$18,307.24

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	34	\$45.00	\$1,516.67
765.00	Seeding	SY	101	\$2.00	\$202.22

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$79,584.12
<i>15% Contingency</i>	<i>\$11,937.62</i>

Total \$91,521.74
MassDOT Complete Streets Funding Request \$91,521.74

Notes: (1) Crosswalk: Spring Street and Pleasant Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 17

Project Name: Messenger Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (Gateway Road to Hillside Road). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: Gateway Road to Hillside Road

Total Length: 930 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	267	\$34.78	\$9,284.33
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,240	\$4.00	\$4,960.00
103.00	Tree Removed - Diameter Under 24"	Each	2	\$1,000.00	\$2,000.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	2	\$10,000.00	\$20,000.00
715.10	Mailbox Removed & Reset	Each	1	\$169.33	\$169.33

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	155	\$45.00	\$6,975.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	930	\$18.50	\$17,205.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	84	\$221.99	\$18,709.59

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	34	\$45.00	\$1,550.00
765.00	Seeding	SY	103	\$2.00	\$206.67

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$81,059.92
15% Contingency	\$12,158.99

Total \$93,218.91
MassDOT Complete Streets Funding Request \$93,218.91

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 18

Project Name: Pleasant Street Pedestrian Improvements

Description: Replace the existing sidewalk surface with a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to 12 Pleasant Street) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (12 Pleasant Street to East Bacon Street) and install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (East Bacon Street to Maple Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: South Street to Maple Street

Total Length: 4,170 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	1,197	\$34.78	\$41,629.73
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	5,560	\$4.00	\$22,240.00
103.00	Tree Removed - Diameter Under 24"	Each	10	\$1,000.00	\$10,000.00
104.00	Tree Removed - Diameter Over 24"	Each	6	\$1,440.00	\$8,640.00
105.00	Stump Removed	Each	1	\$500.00	\$500.00
--	Utility Pole Relocation	Each	4	\$10,000.00	\$40,000.00
715.10	Mailbox Removed & Reset	Each	2	\$169.33	\$338.66

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	695	\$45.00	\$31,275.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	130	\$40.00	\$5,200.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	4,170	\$18.50	\$77,145.00
701.20	Cement Concrete Wheelchair Ramp	SY	100	\$100.00	\$10,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	378	\$221.99	\$83,891.41

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	5	\$1,000.00	\$5,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	154	\$45.00	\$6,950.00
765.00	Seeding	SY	463	\$2.00	\$926.67

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	2	\$108.84	\$217.68
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$343,954.14
<i>15% Contingency</i>	<i>\$51,593.12</i>

Total \$395,547.26
MassDOT Complete Streets Funding Request \$395,547.26

Notes: (5) Crosswalks: Lincoln Avenue, East Bacon Street, School Street, Broad Street, and Maple Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 19
Project Name: Rail Trail Shared Use Path (Phase I)

Description: Construct a shared use path that will be at least be 10 feet wide along the former rail line behind Town Hall that starts at Fuller Street and ends at 29 West Bacon Street (approximately 4,380 ft). At proposed trail crossings, ADA should be addressed to better identify the trailhead as a pedestrian access route rather than a driveway opening.

Extent Fuller Street to 29 West Bacon Street
Total Length 4,380 ft

Shared Used Path Design Guide		Cost Estimator	
PROJECT COST SUMMARY			
Project Name:	Rail Trail Shared Use Path (Phase I)		
Project Location:	Fuller Street to 29 West Bacon Street		
PROJECT CATEGORY		ESTIMATED PRICE	
<u>Path</u>	Length: 4,380 ft Width: 10 ft	\$298,100.00	
	# Segments: 1 # Intersections: 0		
<u>Structures</u>		\$209,900.00	
<u>Landscaping Restoration & Enhancements</u>		\$277,900.00	
<u>Lighting & Security</u>		\$936,800.00	
CONSTRUCTION COST			
<u>Traffic Control</u>	<i>Traffic cost not included</i>	TTCP COST	\$0.00
		SUBTOTAL	\$1,722,700.00
		Contingency (assume 15%)	\$258,405.00
		CONSTRUCTION COST	\$1,981,105.00
<u>Cost Escalation</u>	Construction Year: 2020	CONSTRUCTION TOTAL	\$1,981,110.00
	<i>Assumed 4.47% increase in costs per year</i>	COST PER MILE	\$2,388,190.00
<i>**Use this estimated cost on PIF forms - escalation is already included on the MassDOT Website</i>			
NON-CONSTRUCTION COSTS (NOT ESCALATED)			
<u>Survey</u>	<i>Based on existing conditions</i>	SURVEY COST	\$71,500.00
<u>Design</u>	<i>Assume 5% of construction cost</i>	DESIGN COST	\$101,600.00
		PROJECT TOTAL	\$2,154,210.00
<input type="button" value="Click to Generate Error/Informational Warning Report"/>			
<p>-Costs for ROW and permitting are not included in this estimate. -Your project includes culverts and/or bridges. Please consult a structural engineer for more accurate costs. -Some or all of this path is identified as a Rail Trail with wooded/hilly conditions. This is uncommon; please re-check inputs.</p>			



Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 20
Project Name: Spring Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (East Bacon Street to Maple Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: East Bacon Street to Maple Street

Total Length: 2,110 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	606	\$34.78	\$21,064.44
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	2,813	\$4.00	\$11,253.33
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	352	\$45.00	\$15,825.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	104	\$40.00	\$4,160.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	2,110	\$18.50	\$39,035.00
701.20	Cement Concrete Wheelchair Ramp	SY	80	\$100.00	\$8,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	191	\$221.99	\$42,448.65

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	4	\$1,000.00	\$4,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	78	\$45.00	\$3,516.67
765.00	Seeding	SY	234	\$2.00	\$468.89

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	3	\$108.84	\$326.52
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$150,098.50
15% Contingency	\$22,514.78

Total \$172,613.28
MassDOT Complete Streets Funding Request \$172,613.28

Notes: (4) Crosswalks: School Street, Cottage Street, Broad Street, and Maple Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 21

Project Name: GATRA Route 14 Transit Shelter

Description: Install a new transit shelter and boarding/alighting area on the existing concrete pad at the corner of East Bacon Street and Hilltop Terrace.

Extent: 140 East Bacon Street

Total Length: N/A

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	0	\$34.78	\$0.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	0	\$4.00	\$0.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	0	\$45.00	\$0.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	0	\$221.99	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	0	\$45.00	\$0.00
765.00	Seeding	SY	0	\$2.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	1	\$14,471.15	\$14,471.15
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

				Subtotal	\$14,471.15
				15% Contingency	\$2,170.67

Total \$16,641.82
MassDOT Complete Streets Funding Request \$16,641.82

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 22

Project Name: Bugbee Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Grove Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: South Street to Grove Street

Total Length: 745 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	214	\$34.78	\$7,437.45
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	993	\$4.00	\$3,973.33
103.00	Tree Removed - Diameter Under 24"	Each	3	\$1,000.00	\$3,000.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	5	\$10,000.00	\$50,000.00
715.10	Mailbox Removed & Reset	Each	3	\$169.33	\$507.99

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	124	\$45.00	\$5,587.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	26	\$40.00	\$1,040.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	745	\$18.50	\$13,782.50
701.20	Cement Concrete Wheelchair Ramp	SY	20	\$100.00	\$2,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	68	\$221.99	\$14,987.79

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	1	\$1,000.00	\$1,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	28	\$45.00	\$1,241.67
765.00	Seeding	SY	83	\$2.00	\$165.56

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$104,723.78
15% Contingency	\$15,708.57

Total \$120,432.35
MassDOT Complete Streets Funding Request \$120,432.35

Notes: (1) Crosswalk: Grove Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 23A

Project Name: Crestwood Avenue Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with granite curbing on the left side of the road (School Street to 17 Crestwood Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: School Street to 17 Crestwood Avenue

Total Length: 944 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	271	\$34.78	\$9,424.09
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,259	\$4.00	\$5,034.67
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	157	\$45.00	\$7,080.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	944	\$42.25	\$39,884.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	26	\$40.00	\$1,040.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	20	\$100.00	\$2,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	86	\$221.99	\$18,991.24

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	1	\$1,000.00	\$1,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	35	\$45.00	\$1,573.33
765.00	Seeding	SY	105	\$2.00	\$209.78

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

				Subtotal	\$86,237.11
				<i>15% Contingency</i>	<i>\$12,935.57</i>
				Total	\$99,172.68
				MassDOT Complete Streets Funding Request	\$99,172.68

Notes: (1) Crosswalks: Evergreen Road; This option consists of using granite curbing, which is recommended when connecting to an existing granite curb.

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 23B

Project Name: Crestwood Avenue Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (School Street to 17 Crestwood Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: School Street to 17 Crestwood Avenue

Total Length: 944 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	271	\$34.78	\$9,424.09
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,259	\$4.00	\$5,034.67
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	157	\$45.00	\$7,080.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	26	\$40.00	\$1,040.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	944	\$18.50	\$17,464.00
701.20	Cement Concrete Wheelchair Ramp	SY	20	\$100.00	\$2,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	86	\$221.99	\$18,991.24

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	1	\$1,000.00	\$1,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	35	\$45.00	\$1,573.33
765.00	Seeding	SY	105	\$2.00	\$209.78

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

				Subtotal	\$63,817.11
				<i>15% Contingency</i>	<i>\$9,572.57</i>
				Total	\$73,389.68
				MassDOT Complete Streets Funding Request	\$73,389.68

Notes: (1) Crosswalks: Evergreen Road; This option consists of using asphalt curbing, which is not recommended when connecting to an existing granite curb.

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 24
Project Name: Evergreen Road Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (School Street to Crestwood Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: School Street to Crestwood Avenue

Total Length: 825 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	237	\$34.78	\$8,236.10
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,100	\$4.00	\$4,400.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	4	\$10,000.00	\$40,000.00
715.10	Mailbox Removed & Reset	Each	2	\$169.33	\$338.66

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	138	\$45.00	\$6,187.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	825	\$18.50	\$15,262.50
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	75	\$221.99	\$16,597.22

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	31	\$45.00	\$1,375.00
765.00	Seeding	SY	92	\$2.00	\$183.33

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$92,580.31
15% Contingency	\$13,887.05

Total \$106,467.36
MassDOT Complete Streets Funding Request \$106,467.36

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 25
Project Name: Fuller Street Bicycle Improvements

Description: Add sharrows and bicycle signage (R4-11).

Extent: South Street to head of Proposed Rail Trail Shared Use Path

Total Length: 1,156 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	0	\$34.78	\$0.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	0	\$4.00	\$0.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	12	\$180.00	\$2,080.80

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	0	\$45.00	\$0.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	0	\$221.99	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	0	\$45.00	\$0.00
765.00	Seeding	SY	0	\$2.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	4	\$80.00	\$320.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$2,400.80
15% Contingency	\$360.12

Total \$2,760.92
MassDOT Complete Streets Funding Request **\$2,760.92**

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 26
Project Name: George Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (East Bacon Street to Cherry Tree Lane). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: East Bacon Street to Cherry Tree Lane

Total Length: 2,503 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	718	\$34.78	\$24,987.82
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	3,337	\$4.00	\$13,349.33
103.00	Tree Removed - Diameter Under 24"	Each	4	\$1,000.00	\$4,000.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	1	\$500.00	\$500.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	13	\$169.33	\$2,201.29

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	417	\$45.00	\$18,772.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	78	\$40.00	\$3,120.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	2,503	\$18.50	\$46,305.50
701.20	Cement Concrete Wheelchair Ramp	SY	60	\$100.00	\$6,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	227	\$221.99	\$50,354.96

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	3	\$1,000.00	\$3,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	93	\$45.00	\$4,171.67
765.00	Seeding	SY	278	\$2.00	\$556.22

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	2	\$108.84	\$217.68
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$177,536.97
15% Contingency	\$26,630.55

Total \$204,167.52
MassDOT Complete Streets Funding Request \$204,167.52

Notes: (3) Crosswalks: James Street, Ewald Avenue, and Highview Drive

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 27
Project Name: Grove Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (Bugbee Street to School Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: Bugbee Street to School Street

Total Length: 2,747 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	788	\$34.78	\$27,423.71
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	3,663	\$4.00	\$14,650.67
103.00	Tree Removed - Diameter Under 24"	Each	20	\$1,000.00	\$20,000.00
104.00	Tree Removed - Diameter Over 24"	Each	6	\$1,440.00	\$8,640.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	3	\$10,000.00	\$30,000.00
715.10	Mailbox Removed & Reset	Each	4	\$169.33	\$677.32

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	458	\$45.00	\$20,602.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	2,747	\$18.50	\$50,819.50
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	249	\$221.99	\$55,263.72

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	102	\$45.00	\$4,578.33
765.00	Seeding	SY	305	\$2.00	\$610.44

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	3	\$108.84	\$326.52
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$241,672.71
15% Contingency	\$36,250.91

Total \$277,923.62
MassDOT Complete Streets Funding Request \$277,923.62

Notes: (2) Crosswalks: Lincoln Avenue and East Bacon Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 28

Project Name: Highland Avenue Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (East Bacon Street to School Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: East Bacon Street to School Street

Total Length: 730 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00
Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	210	\$34.78	\$7,287.70
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	973	\$4.00	\$3,893.33
103.00	Tree Removed - Diameter Under 24"	Each	3	\$1,000.00	\$3,000.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	2	\$169.33	\$338.66
Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00
Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	122	\$45.00	\$5,475.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	730	\$18.50	\$13,505.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	66	\$221.99	\$14,686.03
Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00
Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	27	\$45.00	\$1,216.67
765.00	Seeding	SY	81	\$2.00	\$162.22
Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	1	\$108.84	\$108.84
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00
				Subtotal	\$49,673.45
				15% Contingency	\$7,451.02
				Total	\$57,124.46
				MassDOT Complete Streets Funding Request	\$57,124.46

Notes: (0) Crosswalks

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 29

Project Name: Lincoln Avenue Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the left side of the road (South Street to Grove Street). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: South Street to Grove Street

Total Length: 1,258 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	361	\$34.78	\$12,558.80
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	1,677	\$4.00	\$6,709.33
103.00	Tree Removed - Diameter Under 24"	Each	7	\$1,000.00	\$7,000.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	8	\$10,000.00	\$80,000.00
715.10	Mailbox Removed & Reset	Each	0	\$169.33	\$0.00

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	210	\$45.00	\$9,435.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	52	\$40.00	\$2,080.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	1,258	\$18.50	\$23,273.00
701.20	Cement Concrete Wheelchair Ramp	SY	40	\$100.00	\$4,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	114	\$221.99	\$25,308.25

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	2	\$1,000.00	\$2,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	47	\$45.00	\$2,096.67
765.00	Seeding	SY	140	\$2.00	\$279.56

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	1	\$108.84	\$108.84
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$174,849.44
15% Contingency	\$26,227.42

Total \$201,076.86
MassDOT Complete Streets Funding Request \$201,076.86

Notes: (2) Crosswalks: Pleasant Street and Grove Street

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 30A

Project Name: Potter Avenue Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with granite curbing on the right side of the road (East Bacon Street to 12 Potter Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: East Bacon Street to 12 Potter Avenue

Total Length: 534 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	153	\$34.78	\$5,331.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	712	\$4.00	\$2,848.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	4	\$169.33	\$677.32

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	89	\$45.00	\$4,005.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	534	\$42.25	\$22,561.50
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	0	\$18.50	\$0.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	48	\$221.99	\$10,742.93

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	20	\$45.00	\$890.00
765.00	Seeding	SY	59	\$2.00	\$118.67

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$47,174.42
15% Contingency	\$7,076.16

Total \$54,250.58
MassDOT Complete Streets Funding Request \$54,250.58

Notes: (0) Crosswalks; This option consists of using granite curbing, which is recommended when connecting to an existing granite curb.

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 30B

Project Name: Potter Avenue Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (East Bacon Street to 12 Potter Avenue). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: East Bacon Street to 12 Potter Avenue

Total Length: 534 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	153	\$34.78	\$5,331.00
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	712	\$4.00	\$2,848.00
103.00	Tree Removed - Diameter Under 24"	Each	0	\$1,000.00	\$0.00
104.00	Tree Removed - Diameter Over 24"	Each	0	\$1,440.00	\$0.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	4	\$169.33	\$677.32

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	89	\$45.00	\$4,005.00
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	0	\$40.00	\$0.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	534	\$18.50	\$9,879.00
701.20	Cement Concrete Wheelchair Ramp	SY	0	\$100.00	\$0.00
702.00	Hot Mix Asphalt Walk Surface	TON	48	\$221.99	\$10,742.93

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	0	\$1,000.00	\$0.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	20	\$45.00	\$890.00
765.00	Seeding	SY	59	\$2.00	\$118.67

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	0	\$108.84	\$0.00
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$34,491.92
15% Contingency	\$5,173.79

Total \$39,665.70
MassDOT Complete Streets Funding Request \$39,665.70

Notes: (0) Crosswalks; This option consists of using an asphalt curbing, which is not recommended when connecting to an existing granite curb.

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 31

Project Name: Rail Trail Shared Use Path (Phase II)

Description: Construct the second phase of a shared use path that will be at least be 10 feet wide along the former rail line from 29 West Bacon Street to the North Attleborough town line (approximately 2,266 ft). At proposed trail crossings, ADA should be addressed to better identify the trailhead as a pedestrian access route rather than a driveway opening.

Extent: 29 West Bacon Street to North Attleborough Town Line

Total Length: 2,266 ft

Shared Used Path Design Guide		Cost Estimator	
			
PROJECT COST SUMMARY			
Project Name:	Rail Trail Shared Use Path (Phase II)		
Project Location:	29 West Bacon Street to North Attleborough Town Line		
PROJECT CATEGORY		ESTIMATED PRICE	
<u>Path</u>	Length: 2,266 ft # Segments: 1	Width: 10 ft # Intersections: 1	\$158,600.00
<u>Structures</u>			\$20,600.00
<u>Landscaping Restoration & Enhancements</u>			\$143,700.00
<u>Lighting & Security</u>			\$0.00
CONSTRUCTION COST			
<u>Traffic Control</u>	<i>Traffic cost not included</i>		TTCP COST \$0.00
			SUBTOTAL \$322,900.00
			Contingency (assume 15%) <u>\$48,435.00</u>
			CONSTRUCTION COST \$371,335.00 **
<u>Cost Escalation</u>	Construction Year: 2020 <i>Assumed 4.47% increase in costs per year</i>		CONSTRUCTION TOTAL \$371,340.00
			COST PER MILE \$865,260.00
<i>**Use this estimated cost on PIF forms - escalation is already included on the MassDOT Website</i>			
NON-CONSTRUCTION COSTS (NOT ESCALATED)			
<u>Survey</u>	<i>Based on existing conditions</i>		SURVEY COST \$37,000.00
<u>Design</u>	<i>Assume 11% of construction cost</i>		DESIGN COST \$39,424.00
			PROJECT TOTAL \$447,764.00
<input type="button" value="Click to Generate Error/Informational Warning Report"/>			
<ul style="list-style-type: none"> -Costs for ROW and permitting are not included in this estimate. -Environmental mitigation from paving a parking lot may be required. Cost not included. -Your project includes culverts and/or bridges. Please consult a structural engineer for more accurate costs. 			

Town of Plainville
Complete Streets Prioritization Plan - Project Cost Estimates

Project Number: 32
Project Name: Walnut Street Pedestrian Improvements

Description: Install a new 5 foot wide asphalt sidewalk with asphalt curbing on the right side of the road (West Bacon Street to Walnut Terrace). Add ADA/AAB compliant curb ramps with tactile warning panels and high visibility crosswalks at all intersecting streets.

Extent: West Bacon Street to Walnut Terrace

Total Length: 459 ft

Item #	Description - General Items	Unit	Quantity	Unit Price	Total Cost
--	Survey Work & Design/Engineering	Allowance	0	\$10,000.00	\$0.00
--	Permitting	Allowance	0	\$0.00	\$0.00
--	ROW Acquisition	Allowance	0	\$10,000.00	\$0.00
--	Erosion Control	Allowance	0	\$10,000.00	\$0.00
--	Police Detail (\$55/hour @ 4hr shift)	Days	0	\$220.00	\$0.00

Item #	Description - Site Prep & Demolition	Unit	Quantity	Unit Price	Total Cost
120.10	Unclassified Excavation	CY	132	\$34.78	\$4,582.27
127.00	Concrete Excavation	CY	0	\$180.00	\$0.00
170.62	Fine Grading and Compacting	SY	612	\$4.00	\$2,448.00
103.00	Tree Removed - Diameter Under 24"	Each	7	\$1,000.00	\$7,000.00
104.00	Tree Removed - Diameter Over 24"	Each	1	\$1,440.00	\$1,440.00
105.00	Stump Removed	Each	0	\$500.00	\$0.00
--	Utility Pole Relocation	Each	0	\$10,000.00	\$0.00
715.10	Mailbox Removed & Reset	Each	3	\$169.33	\$507.99

Item #	Description - Bicycle Facilities	Unit	Quantity	Unit Price	Total Cost
415.00	Pavement MicroMilling	SY	0	\$5.00	\$0.00
--	Pavement Markings - Bike Lane	Each	0	\$180.00	\$0.00
--	Pavement Markings - Sharrow	Each	0	\$180.00	\$0.00

Item #	Description - Sidewalk	Unit	Quantity	Unit Price	Total Cost
151.01	Gravel Borrow - Type C	CY	77	\$45.00	\$3,442.50
420.00	Hot Mix Asphalt Base Course (2")	TON	0	\$95.00	\$0.00
460.00	Hot Mix Asphalt Top Course (1")	TON	0	\$90.00	\$0.00
701.00	Cement Concrete Sidewalk (4")	SY	0	\$55.00	\$0.00
504.00	Granite Curb Type VA4 - Straight	FT	0	\$42.25	\$0.00
504.10	Granite Curb Type VA4 - Curved	FT	0	\$44.00	\$0.00
509.00	Granite Transition Curb for Wheelchair Ramps - Straight	FT	26	\$40.00	\$1,040.00
509.10	Granite Transition Curb for Wheelchair Ramps - Curved	FT	0	\$45.00	\$0.00
514.00	Granite Curb Inlet - Straight	Each	0	\$370.00	\$0.00
516.00	Granite Curb Corner Type A	Each	0	\$252.50	\$0.00
520.00	Concrete Curb Type VA	FT	0	\$32.00	\$0.00
570.30	Hot Mix Asphalt Curb Type 3	FT	459	\$18.50	\$8,491.50
701.20	Cement Concrete Wheelchair Ramp	SY	20	\$100.00	\$2,000.00
702.00	Hot Mix Asphalt Walk Surface	TON	42	\$221.99	\$9,234.09

Item #	Description	Unit	Quantity	Unit Price	Total Cost
--	High Visibility "Ladder" or "Zebra" Type	Each	1	\$1,000.00	\$1,000.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
751.00	Loam Borrow	CY	17	\$45.00	\$765.00
765.00	Seeding	SY	51	\$2.00	\$102.00

Item #	Description	Unit	Quantity	Unit Price	Total Cost
707.90	Bicycle Rack	Each	0	\$1,295.33	\$0.00
745.00	Pedestrian Bus Shelter	Each	0	\$14,471.15	\$0.00
874.20	Traffic Sign Removed & Reset	Each	1	\$108.84	\$108.84
--	Bike Lane Sign (R3-17) Assembly	Each	0	\$80.00	\$0.00
--	Bicycles May Use Full Lane Sign (R4-11) Assembly	Each	0	\$80.00	\$0.00
--	Pedestrian Crossing Signage Set (W11-2 & W16-7p)	Each	0	\$83.00	\$0.00
--	In-Street Pedestrian Crossing (R1-6 or R1-6a) Sign Assembly	Each	0	\$400.00	\$0.00
--	Rapid Rectangular Flashing Beacons (RRFB) (Set of 2)	Each	0	\$10,000.00	\$0.00
--	Radar Speed Feedback Sign	Each	0	\$7,000.00	\$0.00
--	Audible Pedestrian Signal	Each	0	\$800.00	\$0.00

Subtotal	\$42,162.19
15% Contingency	\$6,324.33

Total \$48,486.51
MassDOT Complete Streets Funding Request \$48,486.51

Notes: (1) Crosswalk: Walnut Terrace