



1/26/2017

## **MASSDOT COMPLETE STREETS FUNDING PROGRAM TIER 3 PROJECT NARRATIVES FY17 ROUND TWO**

### **1. DALTON - \$400,000.00 – High and Field Street Extension Sidewalk Improvement Projects**

The work consists of construction of a new sidewalk on High Street 300 feet west of Warren Avenue to the intersection of Park Street for approximately 430 linear feet; and reconstruction of 4,440 linear feet of sidewalk on High Street between the Route 8/9 intersections to 300' west of Warren Avenue. The two components of the project will provide pedestrian accommodations for the entire length of High Street for a total of approximately 4,870 feet. High Street is one of the most heavily used pedestrian routes in the town because it connects residents living in dense single family homes and public housing units to Pinegrove Park recreational area and is the route to the Dalton Senior Center. The road also serves as a section of the Appalachian Trail. The project context area and neighborhood is listed as an environmental justice population.

### **2. EGREMONT - \$58,933.00 Traffic-calming and pedestrian and bicycle accommodation Improvements**

Egremont's award is for seven projects to address high vehicle speeds, improve pedestrian safety along the Appalachian Trail, and to better accommodate bicycling. The traffic calming measures include Installation of 2 speed feedback "your speed" signs along Route 71 to provide traffic calming in the village center; and installation of "your speed" feedback signs along Sheffield and Creamery Roads. Appalachian Trail Warning Signage will be installed along Jug End Road near the Appalachian Trail crossing to warn drivers of the presence of hikers and pedestrians. Additionally, bicycle parking and a bicycle repair station will be installed at Egremont Town Hall, and bicycle parking at Jug End State Reservation and Wildlife Management Area, one of the most scenic areas in the Berkshires.

The installation of traffic calming measures will ensure that the town residents feel comfortable walking or biking around the Village Center, a high crash location. The installation of bicycle parking at the Town Hall and regional recreational destinations will encourage bicycling and better use of Egremont's bicycle networks.

### **3. EVERETT - \$399,950.00 – Broadway Resignalization, Pedestrian Mid-block Crossing and Bus Shelter Improvements**

Everett's analysis of the average pedestrian delay in the City and found that nine signals had very high levels of delay, contributing to jaywalking and posing a risk to pedestrians. By changing the signal cycle to allow pedestrians to get a head start, installing audible countdown signals and improving visibility of crosswalks, safety will be greatly enhanced at the following intersections:

- Broadway & Shute Street/Sea Street
- Broadway & Lynn Streets at Cameron Street/McKinley Street

- Broadway & Edith Street

In addition, Broadway has many or unsignalized, unsafe, mid-block crossings. Rectangular Rapid Flashing Beacon-RRFBs will be installed allowing pedestrians to signal the need to cross the street at the following locations:

- Broadway at Coburn Terrace
- Broadway at Chestnut Street
- Broadway at Hampshire Street
- Broadway at Gladstone Street

Many bus stop locations in Everett would be enhanced with bus shelters to protect people from inclement weather, and bicycle racks to enhance intermodal connectivity. Bus shelters and/or benches will be installed at the following locations:

- Shelter and bike rack at Southbound bus stop on Broadway at Waverly
- Shelter and bike rack at Southbound bus stop on Main Street at Prescott Street
- Shelter and bike rack at Northbound bus stop on Main Street at Clark Street

#### **4. HINSDALE - \$400,000.00 - New Sidewalks, Crosswalks, and Traffic Calming Measures**

Hinsdale will install new and replace degraded sidewalks, install new crosswalks at intersections, and implement traffic calming measures in priority locations across town improving safety and accessibility of its transportation network.

New sidewalks and crosswalks will be constructed along Longview and Commonwealth Avenues. Sidewalks will be replaced and a new crosswalk installed along Church and Goodrich Streets. There will also be two new "your speed" feedback signs to calm traffic speed along Longview Avenue.

#### **5. LEXINGTON - \$292,198.00 – Town-wide School Safety and Bicycle Accommodations**

Lexington's award funds a comprehensive plan to improve safety and accessibility throughout the town. Seven elementary and middle schools will receive multiple flashing school zone devices, new ramps, and new pavement markings to improve safety and visibility at crossings. The award also includes reconstruction of approximately 430 feet of sidewalk along north side of Outlook Drive; maintenance of existing on-street bicycle lane striping across town; and installation of bike racks at fourteen key conservation and recreation access point entrances.

#### **6. LITTLETON - \$394,970.00 - Russell and Shattuck Streets, Shaker Lane Elementary Complete Streets Improvements**

##### Russell Street Complete Streets Improvements

Littleton will make major safety improvements along Russell Street, which provides access to a large mixed use development and two schools. The project includes the construction of approximately 2,200 feet of new sidewalk along the east side of Russell Street from Delaney Drive to Great Road

(Route 119), and reconstruction of approximately 1,400 feet of existing sidewalk from the Littleton Middle School and Russell Street Elementary Street northern entrance to Delaney Drive. In addition radar speed feedback signs and shared lane pavement markings (sharrows) will be added.

#### Flashing School Zone Signs for the Shaker Lane Elementary School

Another project includes installation of two solar-powered Flashing School Zone Signs along Shaker Lane for the Shaker Lane Elementary School. The signs will be installed in approximately 300 feet in advance of the Shaker Lane Elementary School entrance in each direction.

#### Mid-block crosswalk across Shattuck Street

The work consists of installing a pedestrian midblock crosswalk and pedestrian crossing warning signage across Shattuck Street just west of the King St (Route 2A/110) and Shattuck Street intersection to make a continuous walking route from the abutting neighborhoods to local businesses, parks and playgrounds, town hall and the library.

#### Bicycle Storage Town-wide

The Town will also install six bicycle racks at six key locations throughout the Town resulting in a total capacity of 72 bicycles. The bicycle racks are to be installed at:

- Littleton Common
- #300 King Street
- Littleton Town Beach
- Fay Park
- Littleton Town Hall
- Littleton/I- 495 Commuter Rail Station

### **7. LYNN - \$399,288.00 - Sidewalk, Traffic Calming, and Accessibility Improvements at South Common Street and Breed Middle School**

Lynn will reconstruct sidewalks along South Common Street, a heavily-traveled pedestrian roadway that serves as the gateway to downtown Lynn, connects to the park at the central Common, and to six elderly housing complexes.

A second project includes traffic-calming measures on O'Callaghan Way, a collector roadway that provides access to three public schools: Lynn Classical High School, Callahan Elementary School and Breed Middle School. The project will build bump-outs to reduce the pavement width; increase in sidewalk width and install a Rectangular Rapid Flashing Beacon (RRFB) at for the crosswalk at Osborne Street intersection.

The sidewalk, traffic calming, and accessibility improvements at South Common Street and at the O'Callaghan Way and Osborne Street intersection will address priority safety and mobility issues for the City of Lynn.

## 8. NATICK - \$385,584 - Town-wide Pedestrian & Bicycle Safety Related Signal Improvements

Natick will be improving safety for pedestrians and bicyclists at thirteen intersections. Natick will install a HAWK pedestrian- activated signal at the intersection of West Central Street (Route 135) at Boden Lane, adjacent to the West Natick MBTA Station. In addition, Natick will install high-visibility marked crosswalks with pedestrian warning signage and flashing pedestrian beacons (Rectangular Rapid Flashing Beacon-RRFBs) facing both directions of vehicular traffic and at:

- East Central Street (Route 135) at the Natick Senior Center
- Speen Street at John Lane Park
- Boden Lane at Cole Center
- Bacon Street at Fairbanks Place
- Marion Street at Pauline Drive

Work also includes upgrading pedestrian signal and bicycle detection equipment and retiming phases as necessary at the following signalized intersections:

- Route 135 at Route 27
- Route 135 at Mill Street
- Route 135 at Kendall Lane
- Route 135 at Speen Street
- Route 135 at Washington Avenue
- Speen Street at Mill Street/Pond Street
- Hartford Street at Mill Street

*Note: The HAWK (or pedestrian hybrid beacon) signal is a regulatory traffic control device designed to stop vehicles to allow pedestrian to cross safely. The Rectangular Rapid Flashing Beacon-RRFB – is a cautionary signal that warns vehicles that a pedestrian is trying to cross. The RRFB produces 80-90% driver yielding to pedestrians at high-risk, uncontrolled crossings. Both are pedestrian activated.*

## 9. NEWTON - \$400,000 - Washington St. at Harvard Street Intersection Improvements

The project includes the installation of a fully actuated traffic signal at the intersection of Washington Street at Harvard Street, adjacent to the Newtonville Commuter Rail Station access and an MBTA bus stop (for Routes 553, 554 and 556). It also includes adding curb extensions to reduce the crossing distance and improve visibility, providing new sidewalks, ADA compliant wheelchair ramps, accessible pedestrian signals, bicycle detection, signage and pavement markings to address a long history of pedestrian and bicycle crashes.

In addition to the Commuter Rail Station, the Washington/Harvard Street intersection is located along the pedestrian path between an elementary school and a residential neighborhood as well as one of the city's most popular family restaurants. There has been a long history of pedestrian crashes at the intersection, including two recent crashes. Public concerns regarding unsafe

pedestrian crossing has become even more evident during the recent Washington Street Subregional Priority Roadway Study by the Boston MPO Central Transportation Planning Staff (CTPS) and during a Walk Assessment by WalkBoston.

#### **10. NORTHHAMPTON - \$400,000 - Pleasant Futures: Pleasant Street**

Northampton will make safety improvements on Pleasant Street (Route 5) at the pedestrian crossing to the Northampton Amtrak Station, Pioneer Valley Transit Authority bus stop and the Manhan Rail Trail. Currently this is an unsafe, bifurcated intersection and is part of the downtown cluster of bicycle and pedestrian crashes (2005-2014 HSIP Bicycle Cluster and 2005-2014 HSIP Pedestrian Cluster).

The project will include building a 250 square feet raised intersection with curb extensions and new pavement markings to facilitate traffic calming and safer crossing. The project also includes new sidewalks, accessible ramps, signage, benches and plantings.

#### **11. SALISBURY- \$400,000 Sidewalk Construction – Pleasant Street and Seabrook Road**

The Town of Salisbury will reconstruct the northern sidewalk and construct a new sidewalk (1,400 linear feet) on the south side of Pleasant Street. The new sidewalk is essential in helping the Town revitalize and direct pedestrians into the Town Common and Village Center, to diversify the modes of transportation for residents and visitors, and to attract development within the Village Center. Pleasant Street is a key connector street between Ferry Road and Salisbury Square. The improved sidewalk will facilitate connectivity for the residents of Ferry Road, which include families with children of all ages, elderly, handicapped as well as a 52 unit 40B (affordable housing) condominium project and a 32 unit 40B (affordable housing) condominium project, currently under construction, to the bus line, banking institutions, pharmacy, library, post office and the Town's Rail Trail System.

Another project includes connecting Seabrook Road's surrounding neighborhood to Route 1 and the Marsh Trail. Sidewalks will be added along 1,400 linear feet of Seabrook Road between Gerrish Road and Mason Lane. The project will connect to a future sidewalk along Gerrish Road. Adding the sidewalk infrastructure on Seabrook Road is a large safety improvement as the street experiences high speed traffic. The sidewalk will connect residents to the elementary school and two major parks. In addition, this also gives those same residents direct access to the Town's Rail Trail, which brings people safely throughout the entire town.

#### **12. SOMERVILLE – \$347,765.00 – City-wide Pedestrian and Bicycle Safety Improvements**

##### Tufts / Knowlton Street at Washington Street

The project consists of establishing a new signalized intersection to improve safety and accessibility for all travel modes at the complex intersection of Washington Street, Tufts Street and Knowlton Street. The work includes intersection reconstruction to reduce the complexity and crossing

distance, new pavement markings and signage that provides accommodation for bicyclists and pedestrians and ADA/AAB compliant curb ramps.

#### Neighborways East Somerville and Spring Hill

The project consists of installing horizontal and vertical treatments along designated low-volume, low-speed residential streets to increase bicycle and pedestrian utilization on routes that connect schools, parks and squares in East Somerville and in Spring Hill. Specific streets in East Somerville include Gilman Street; Oliver Street; Glen Street and Tufts Street. Specific streets planned for these treatments in Spring Hill include Montrose Street; Madison Street Willoughby Street; Hudson Street and Spencer Avenue.

Vertical and horizontal treatments include such items as installing raised intersections or speed humps, and reducing corner radii to lower vehicle speeds; installing curb extensions to decrease pedestrian crossing distances; and installing bicycle boulevards and crosswalks.

#### Resurfacing and Markings on Priority Corridors

Somerville will also be installing new pavement surfaces and associated lane markings on several priority corridors.

### **13. TAUNTON - \$400,000.00 - Kilmer Avenue Sidewalk Improvements and Bicycle Accommodations**

The work consists of sidewalk improvements and a new on-road bicycle lane and signage on Kilmer Avenue, from Highland Avenue to Oak Street. Kilmer Avenue is part of a GATRA bus route, and an important network connection for a new public housing site, Galligan Elementary and the Mulcahey Schools. The work includes sidewalk reconstruction and new curbing, curb ramp and crosswalk improvements. Funding will enhance roadway reconstruction work done by the City.

### **14. WESTFORD - \$399,860 - Town Center Improvements and Safer Routes to Schools**

The Town of Westford will make Complete Streets improvements at the Town Center, and at the Robinson and Norman E. Day Schools. The Town Center Improvements will complete pedestrian connectivity to the west of Town Center and improve safety and access at crossings to and from the Common and adjacent facilities within the Town Center.

The project consists of constructing a new sidewalk connection along Main Street and Boston Road to a new pedestrian crossing to Town Common. There will also be a new curb bump out to provide traffic calming at the intersection of Lincoln Street and Boston Road, and pedestrian crossing safety improvements at the entrance to Westford Town Hall.

#### Robinson School Sidewalk Connection

The work consists of constructing and connecting 600 feet of new sidewalk along Concord Road to the Robinson School front door, making pedestrian safety and accessibility improvements at the Robinson, and Concord and Kelly Road intersections. This project will complete pedestrian

connectivity to and from the Robinson School to Howard Road, and improve safety/access for those children walking to and from school today, and make it a more attractive transportation alternative for parents and students in the future.

#### Norman E. Day School Crossing

This project will improve safety and access at the primary crossing to the school. The work consists of constructing pedestrian safety improvements and ADA compliant wheelchair ramps at the North Main Street pedestrian crossing to the front door of the school.

### **15. WEYMOUTH - \$386,645.00 – Traffic Calming, Pedestrian Safety and Transit Accessibility Improvements**

The Town of Weymouth is receiving an award for comprehensive safety, accessibility and mobility needs across the community. The projects address:

- Pedestrian crossing and ADA accessibility improvements at two (2) high-trafficked public crossings (Commercial Street at Legion Field Driveway; Middle Street at Shaw's Plaza)
- Pedestrian crossing improvements and ADA accessibility at four (4) elementary schools and the town high school (Academy Avenue Primary School, Hamilton Primary, Murphy Primary School, Seach Primary School, and Weymouth High School).
- Transit access needs at three (3) high-trafficked MBTA bus stops. Provide bus shelters at the following locations: Pleasant Street at Main Street; Broad Street opposite of Center Street; and Pleasant Street at Colonels Drive.
- Speed management with eleven speed monitoring displays along nine roadway segments.
- Bicycle accommodation with bicycle shelters at the Weymouth High School, Weymouth Teen Center, and two MBTA Commuter Rail Stations (East Braintree/Weymouth Landing and East Weymouth).