



Complete Streets Funding Program Project Prioritization Plan

Municipality
MassDOT District

Fitchburg
3

Date
Name/Title

8/21/2017
Amy LeBlanc, Senior Project Manager

| 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 | Main Street Corridor Improvements (Blossom/Cushing to Boulder Dr/Central St) | Install Rectangular Rapid Flashing Beacon(s); Upgrade and Install Regulatory and Wayfinding Signage for Continuity, Install plastic flex posts to delineate the yellow painted median on Main Street at Cushing/Blossom, Install Bumpout/Curb Extensions to Reduce Pedestrian Crossing Distance and transition to bicycle lanes, Revise Crosswalk Configuration to increase side street pedestrian visibility, Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Sidewalk Repair (Eliminate Obstructions and Repair Vertical Separation > 0.25 inches) | Yes | Main Street Corridor from Blossom S at Cushing Street to Boulder Street at Central Street | 175649.78, 925770.76 | 175032.12, 926068.88 | CS Needs Assessment | S6, S7, B7, P1, P2, P3, P4, P8, P9, P12 | x | x | x | x | | x | | No | \$323,055 | \$250,000 | CDBG, Ch 90 for design, \$80,000 | 9 months | 05/01/20 |
| 2 | Main Street Road Diet | Modify curbs to create a permanent single westbound travel lane road diet with bike lane. Decrease pedestrian crossing distance with bump outs at key intersections, Install ladders-type crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Sidewalk repairs (Eliminate obstructions and Repair vertical separation > 0.25 inches) | Yes | Main Street Corridor from Day Street at Water Street to Circle Street | 175713.99, 925748.14 | 174918.60, 926308.88 | CS Needs Assessment | S10, B2, B8, B9 | x | x | x | x | | | | No | \$1,910,050 | \$400,000 | potential Massworks | 12 months | 05/01/19 |
| 3 | Main Street Corridor Improvements (Upper Commons) | Crosswalk Location Revision/Consolidation, Revise Crosswalk Configuration to increase side street pedestrian visibility, Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Sidewalk Repair (Eliminate Obstructions and Repair Vertical Separation > 0.25 inches), Install Rectangular Rapid Flashing Beacon(s), Upgrade and Install Regulatory and Wayfinding Signage for Continuity | Yes | Main Street Corridor from Boulder Drive at Central Street to Circle Street | 175031.57, 926068.63 | 174918.38, 926308.15 | CS Needs Assessment | S7, B7, P1, P2, P3, P4, P9, P12 | x | x | x | | | | | No | \$258,795 | \$198,750 | Ch 90 and CDBG, for design \$60,000 | 9 months | 06/01/18 |
| 4 | Boulder at Newton - Pedestrian Crossing Improvements | Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Minor Sidewalk Repair, Install Pedestrian Crossing Signage | Yes | Boulder Drive at Newton Street | 175230.66, 925836.51 | | CS Needs Assessment | S7, P1, P2, P3, P9 | x | x | x | | | | | No | \$10,235 | \$8,900 | CDBG | 1 month | 08/01/18 |
| 5 | Boulder at Putnam Parking Garage - Pedestrian Crossing Installation | Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Minor Sidewalk Repair, Install Pedestrian Crossing Signage | Yes | Boulder Drive at Putnam Street | 175307.13, 925813.46 | | CS Needs Assessment | S7, P1, P2, P3, P9 | x | x | x | | | | | No | \$10,235 | \$8,900 | CDBG | 1 month | 08/01/18 |
| 6 | JFH at North Street Lighting Improvements | Provide improved lighting at intersection via more efficient lamp an taller pole | No | John Fitch Hwy at North Street | 176459, 927397 | 176581, 927104 | CS Needs Assessment | P5 | x | | | | | | | No | \$30,000 | \$25,000 | CDBG | 6 months | 07/01/18 |
| 7 | Main at North - Pedestrian Signage Improvements | Install "Yield to Pedestrians in Crosswalk" Signs | Yes | Main Street at North Street | 175904.96, 925.735.19 | | CS Needs Assessment | S7, P0 | x | | x | | | | | No | \$1,150 | \$1,000 | CDBG | 1 month | 06/01/18 |
| 8 | Electric Avenue - Pedestrian & Bicycle Improvements | Install Pedestrian Signage - Continuity throughout City; RRFB Installation at midblock Bicycle & Pedestrian Crossing; Improve Mid-Block Crossing between CoggsheIl Park and CoggsheIl Crossing; Revise Wayfinding Signage to indicate transition from multi use path to shared road for bikes; Upgrade sidewalk between end of multiuse path and park entrance; Provide Pedestrian Connectivity to CoggsheIl Park - ADA/AAB compliant curb ramps with detectible warning panels | Varies | Electric Avenue From Rollstone Street to South Street | 174,670.36, 924,051.38 | 175,433.91, 924,218.99 | CS Needs Assessment | S1, S7, B7, B8, B9, P1, P2, P3, P4, P5, P9, P12 | x | x | x | x | | | | No | \$62,330 | \$54,200 | CDBG | 6 months | 07/01/20 |
| 9 | Main at North - Intersection Improvements | Install new traffic control signal equipment with pedestrian countdown signals and accessible pedestrian pushbuttons (concurrent with traffic and a leading pedestrian interval); ADA/AAB compliant curb ramps with detectible warning panels; bumpout / curb extension on SE corner; construct new sidewalks where vertical separation exceeds 0.25 inches; new pavement markings (crosswalks & lane use) and protected pedestrian refuge islands in the crosswalks to the Intermodal Transit Center | Yes | Main Street at North Street | 175904.96, 925.735.19 | | CS Needs Assessment | S6, S16, P1, P2, P3, P7, P8, P9, P11, T1 | x | x | x | | x | x | | No | \$675,000 | \$250,000 | potential Massworks | 9 months | 04/15/22 |
| 10 | Main Street - Pedestrian Signage Improvements | Signage Continuity Throughout Corridor - pedestrian, vehicular, wayfinding | Yes | Main Street Corridor | 175713.99, 925748.14 | 174918.60, 926308.88 | CS Needs Assessment | S7, B7, P4 | x | | x | | | x | | No | \$13,110 | \$11,400 | CDBG | 6 months | 07/01/18 |
| 11 | Water at Wanoosnoc - Vehicular & Pedestrian Improvements | Revise traffic signal phasing and timing to improve vehicular operations, Revise Pedestrian, Yellow and Red Clearance times to improve safety | Yes | Water Street at Wanoosnoc Street | 176957.76, 923757.88 | | CS Needs Assessment | S3 | x | | x | | | x | | No | \$2,760 | \$2,400 | N/A | 1 month | 07/01/18 |

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|----|--|--|--------|--|---------------------------|---------------------------|------------------------|----------------------------------|---|---|---|---|--|---|--|----|-----------|-----------|---------------------|-----------|----------|
| 12 | Water at Central Plaza- Signage Improvements | Improve Signage for Vehicle Turning Restrictions to eliminate pedestrian conflicts | Yes | | 175766.95, 925572.79 | | CS Needs Assessment | S7 | x | | x | | | x | | No | \$1,610 | \$1,400 | MASSDOT | 1 month | 07/01/20 |
| 13 | Water at Wanoosnoc - Pedestrian Improvements | Install Ladder Type Crosswalks & Detectible Warning Panels on Curb Ramps | Yes | Water Street at Wanoosnoc Street | 176957.76, 923757.88 | | CS Needs Assessment | P3, P9 | x | x | x | | | | | No | \$4,945 | \$4,300 | TBD | 3 months | 08/01/18 |
| 14 | Main at Circle - Intersection Improvements | Pavement Marking & Signage Installation and Revisions to Improve Pedestrian, Bicycle and Vehicular Guidance & Flow | Yes | Main Street at Circle Street | 174,834.61, 926,289.40 | 174,965.09, 926,150.78 | CS Needs Assessment | S1, S7, B0, P0 | x | | x | x | | x | | No | \$4,485 | \$3,900 | CDBG | 2 months | 08/01/18 |
| 15 | JFH at Bemis - Intersection Improvements | Vehicular Operations / Safety Improvements for Lane Use - Immediate Merge following Double Left Turn from JFH onto Bemis, Install "Stop Here on Red" signs | Yes | John Fitch Highway at Bemis Road | 177158.91, 924519.95 | | CS Needs Assessment | S7, S0 | x | | | | | x | | No | \$1,840 | \$1,600 | TBD | 1 month | 06/01/18 |
| 16 | South at Wanoosnoc - Vehicular & Pedestrian Improvements | Revise traffic signal phasing and timing to improve vehicular operations, Revise Pedestrian, Yellow and Red Clearance times to improve safety | Varies | South Street at Wanoosnoc Road | 176345.22, 923096.49 | | CS Needs Assessment | S3 | x | | x | | | x | | No | \$2,760 | \$2,400 | TBD | 1 month | 06/01/18 |
| 17 | South at Wanoosnoc - Pedestrian Improvements | Install ADA/AAB compliant curb ramps with detectible warning panels and Pedestrian Signage | Varies | South Street at Wanoosnoc Road | 176345.22, 923096.49 | | CS Needs Assessment | S7, P2, P3 | x | x | x | | | | | No | \$30,130 | \$26,200 | TBD | 3 months | 08/01/18 |
| 18 | South at Wanoosnoc - Curb Cut Mitigation | Curbing Installation / Curbcut Modifications to reduce wide curb cuts | Varies | South Street at Wanoosnoc Road | 176345.22, 923096.49 | | CS Needs Assessment | S14 | x | | | | | x | | No | \$26,965 | \$19,100 | CDBG | 3 months | 08/01/18 |
| 19 | JFH at Bemis - Pedestrian Improvements | Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Installation of Pedestrian Signage (with continuity across City), Install RRFB or Flashing Pedestrian Signs for Channelized Right Turn Crosswalk | Yes | John Fitch Highway at Bemis Road | 177158.91, 924519.95 | | CS Needs Assessment | S7, P2, P3, P9, P12 | x | x | x | | | | | No | \$45,770 | \$39,800 | TBD | 6 months | 08/01/20 |
| 20 | Pierce at Whalen - Sidewalk Connection | Install Sidewalk on East Side Connecting to South Street Intersection (approx. 300') | Yes | Whalen Street from Pierce Avenue to South Street | 176633.09, 922628.48 | 176719.07 922496.72 | CS Needs Assessment | P5 | x | X | x | | | | | No | \$33,810 | \$29,400 | TBD | 6 months | 05/01/21 |
| 21 | Main at North - Lighting Improvements | Install Street Lighting on the South Side of Main Street | Yes | Main Street at North Street | 175904.96, 925.735.19 | | CS Needs Assessment | S9 | x | | | | | | | No | \$26,220 | \$22,800 | CDBG | 6 months | 07/01/21 |
| 22 | JFH at Summer - Pedestrian Improvements | Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Sidewalk Repair (Eliminate Obstructions and Repair Vertical Separation > 0.25 inches) - specifically western sidewalk with utility pole located in the middle, Upgrade and Install Regulatory and Wayfinding Signage for Continuity | Yes | John Fitch Highway at Summer Street | 177203.56, 924638.73 | | CS Needs Assessment | S2, S7, P2, P3, P4, P9 | x | x | x | | | | | No | \$40,635 | \$30,100 | CDBG | 9 months | 05/01/21 |
| 23 | South at Wanoosnoc - Vehicular & Pedestrian Improvements | Traffic Signal Upgrade to install pedestrian countdown signals and accessible pedestrian pushbuttons | Varies | South Street at Wanoosnoc Road | 176345.22, 923096.49 | | CS Needs Assessment | S16, P11 | x | x | x | | | | | No | \$162,000 | \$120,000 | Ch 90 and CDBG | 9 months | 05/01/21 |
| 24 | Main at Lunenburg (Moran Square) - Intersection Improvements | Install ADA/AAB compliant curb ramps with detectible warning panels, traffic signal upgrade with pedestrian countdown signals and accessible pedestrian pushbuttons, ladder type crosswalk, pedestrian signage | Yes | Main at Lunenburg Street | 176152.91, 925742.97 | | CS Needs Assessment | S7, S16, P1, P2, P3, P4, P9, P11 | x | x | x | | | | | No | \$700,000 | \$150,000 | potential Massworks | 12 months | 04/15/22 |
| 25 | Summer Street - Sidewalk Connection | Continue Pedestrian Sidewalk Connectivity from 99 Restaurant to JFH at Bemis (approx. 500 of new sidewalk) | Yes | 99 Restaurant to John Fitch Highway at Bemis Road | 177030.69, 924,714.96 | 177,110.55, 924,659.07 | CS Needs Assessment | P5 | x | X | x | | | | | No | \$60,605 | \$52,700 | ch90 | 6 months | 05/01/21 |
| 26 | Westminster, North of Cascade - Pedestrian Improvements | Install RRFB at Playground Crossing and Ladder Type Crosswalk | No | Westminster, North of Cascade (545 Westminster St) | 171635.36, 923909.41 | | CS Needs Assessment | S7, P9, P12 | x | | x | | | | | No | \$32,545 | \$28,300 | private donation | 6 months | 08/01/18 |
| 27 | Summer at Boutelle - Pedestrian Improvements | Install RRFB for School Crossing, ADA/AAB compliant curb ramps with detectible warning panels, Ladder Type Crosswalk, Installation of Pedestrian Signage (with continuity across City) | Yes | Summer St at Boutelle St | 176836.85, 924839.07 | | CS Needs Assessment | P1, P2, P3, P9, P9, P12 | x | x | x | | | | | No | \$33,120 | \$28,800 | TBD | 6 months | 05/01/21 |
| 28 | JFH at Bemis - Vehicular & Pedestrian Improvements | Traffic Signal Upgrade to install pedestrian countdown signals and accessible pedestrian pushbuttons | Yes | John Fitch Highway at Bemis Road | 177158.91, 924519.95 | | CS Needs Assessment | S16, P11 | x | x | x | | | | | No | \$121,500 | \$90,000 | TBD | 9 months | 06/01/24 |
| 29 | Main at Mechanic - Vehicular & Pedestrian Improvements | Traffic Signal Upgrade to include pedestrian countdown signals and accessible pedestrian pushbuttons | Yes | Main Street at Mechanic Street | 174918.65, 926308.44 | | CS Needs Assessment | S16, P11 | x | x | x | | | | | No | \$700,000 | \$400,000 | TBD | 12 months | 06/06/23 |
| 30 | JFH at Summer - Vehicular & Pedestrian Improvements | Traffic Signal Upgrade to install pedestrian countdown signals and accessible pedestrian pushbuttons | Yes | John Fitch Highway at Summer Street | 177203.56, 924638.73 | | CS Needs Assessment | S16, P12 | x | x | x | | | | | No | \$162,000 | \$120,000 | TBD | 9 months | 06/01/24 |
| 31 | Water at Centrino - Pedestrian Improvements | Install Ladder Type Crosswalks, Install ADA/AAB compliant curb ramps with detectible warning panels, Sidewalk Repair (Eliminate Obstructions and Repair Vertical Separation > 0.25 inches), Install Pedestrian Crossing Signage | Yes | Water Street at John T. Centrino Memorial Drive | 176145.67, 924974.84 | | CS Needs Assessment | S1, S7, P1, P2, P3, P9 | x | x | x | | | | | No | \$30,820 | \$26,800 | TBD | 6 months | 06/01/24 |
| 32 | Water at Centrino - Vehicular & Pedestrian Improvements | Traffic Signal Upgrade to install pedestrian countdown signals and accessible pedestrian pushbuttons, | Yes | Water Street at John T. Centrino Memorial Drive | 176145.67, 924974.84 | | CS Needs Assessment | S16, P12 | x | x | x | | | | | No | \$162,000 | \$120,000 | TBD | 9 months | 06/01/25 |

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|----|--|---|--------|--------------------------------------|------------------------|------------------------|---------------------|----|---|---|---|---|---|--|--|----|----------|----------|-----|----------|----------|
| 33 | Westminster at Princeton - Sidewalk Connection | Install Sidewalks on West Side of Intersection (Westminster) | No | Westminster Street at Princeton Road | 171,505.97, 923,742.55 | 171,625.78, 923,903.13 | CS Needs Assessment | P5 | x | X | x | | | | | No | \$69,460 | \$60,400 | TBD | 6 months | 06/01/24 |
| 34 | Main at Prichard - Bicycle Accommodation - Storage & Parking | Install Bike Racks in Municipal Parking Lot | Yes | Main Street at Prichard Street | 175484.01, 925873.79 | | CS Needs Assessment | B3 | | | | x | | | | No | \$7,200 | \$8,280 | TBD | 1 month | 06/01/25 |
| 35 | Westminster at Princeton - Bus Shelter | Install Bus Shelter | No | Westminster Street at Princeton Road | 171572.14, 923797.09 | | CS Needs Assessment | T3 | | | | | x | | | No | \$18,800 | \$12,000 | TBD | 6 months | 06/01/25 |
| 36 | Summer at Boutelle - Lighting Improvements | Installation of Street Lighting | Yes | Summer Street at Boutelle Street | 176836.85, 924839.07 | | CS Needs Assessment | S9 | x | | | | | | | No | \$26,220 | \$22,800 | TBD | 9 months | 06/01/25 |
| 37 | Electric Ave at Rollstone - Sidewalk Installation | Install sidewalks connecting with the new roundabout crosswalks (~1,000 LF) | Varies | Electric Avenue at Rollstone Road | 174,093, 924,214.17 | 174,408.60, 924035.27 | CS Needs Assessment | P5 | x | x | x | | | | | No | \$92,460 | \$80,400 | TBD | 6 months | 06/01/25 |

* Project #2 incorporates the improvements in Projects #1 and #3 when Project #2 is advanced. If Project #2 is not advanced, then Projects #1 and #3 can be advanced as stand-alone projects but without the reduction of travel lanes from two lanes to one lane.

* Projects that are selected and submitted for specific funding will include an appropriate Road Safety Audit, as needed, for these Projects that are in the MassDOT High Crash Location areas.

Tier 3 Design Elements:

- * In coordination with the City, the following Tier 3 Design elements, as required by MassDOT, will be addressed and incorporated:
- The project limits for new sidewalk segments will be designed such that the new sidewalk will meet an existing sidewalk network and/or will terminate with compliant curb ramps. When the new sidewalk terminates at an intersection, a reciprocal curb ramp and crosswalk will be included.
 - At marked crossings, the bottom of the ramp run (4'-0" by width of ramp opening), exclusive of flared sides, will be designed to be wholly contained within the marked crossing. [Reference will be made to AAB 521 CMR: 21.2.1.]
 - All new pedestrian pushbutton pole, HAWK and/or RRFB foundation locations will be compliant. [Reference will be made to AAB 521 CMR 6.6 for side reach and clearance guidance.] Pushbuttons/HAWK/RRFBs will also be accessible from a level landing.
 - Bus boarding/alighting areas will be designed to provide an 8.0' depth (from edge of curb) and 5.0' width.