

Complete Streets Funding Program Project Prioritization Plan

Municipality
MassDOT District

Fitchburg
3

Date
8/21/2017
Name/Title
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 detectable warning panels, Sidewalk Repair (Eliminate Obstructions and Repair Vertical Separation > 0.25 inches)	Yes	Main Street Corridor from Blossom St 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 detectable 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 detectable 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 detectable 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 detectable 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 Coggshell Park and Coggshell 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 Coggshell Park - ADA/AAB compliant curb ramps with detectable 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 detectable 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	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	x		No	\$2,760	\$2,400	N/A	1 month	07/01/18	

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		x		No	\$1,610	\$1,400	MASSDOT	1 month	07/01/20
13	Water at Wanoosnoc - Pedestrian Improvements	Install Ladder Type Crosswalks & Detectable 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	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		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		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 detectable 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		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 detectable 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 detectable 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 detectable 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	x				No	\$32,545	\$28,300	private donation	6 months	08/01/18
27	Summer at Bouteille - Pedestrian Improvements	Install RRFB for School Crossing, ADA/AAB compliant curb ramps with detectable warning panels, Ladder Type Crosswalk, Installation of Pedestrian Signage (with continuity across City)	Yes	Summer St at Bouteille 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 detectable 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

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	175,484.01, 925,873.79		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	171,572.14, 923,797.09		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	176,836.85, 924,839.07		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, 924,035.27	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.