

Rank	Project Name	Project Description	EJ 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)	Project Origin and Type		Complete Streets Needs							Complete Streets Funding Request			Construction Schedule		
							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	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	Hill Road Safety Improvements and Trail Crossing Project	Hill Road, like many roads in Boxborough, is a local designated scenic roadway with a relatively narrow existing pavement width bordered in close proximity by stone walls, public shade trees and wooded areas. The project is to implement safety improvements to Hill Road that improves the safety and comfort level for bicyclists in particular including pavement markings such as edge lines and sharrows. Traffic calming devices will also be part of the plan to slow traffic speeds along the road. The project also includes improving the trail crossing on Hill Road between the Steele Farm and Have Not Pond trails across including striping a crosswalk (ladder-style) across Hill Road, installing signage and constructing a safe walkway along the north side of Hill Road for approximately 75 feet for the connection; install a bicycle storage rack (6 capacity) with concrete pad and bicycle parking notification assembly at the Have Not Pond trailhead; install trail crossing warning signs both at and in advance of the proposed crossing along Hill Road facing both directions of traffic. In an effort to manage travel speeds and provide for safer pedestrian and bicycle conditions, install a total of four (4) radar speed feedback displays along Hill Road. Signage along the route will be installed as necessary as part of the overall project.	NO	Hill Road from Mass Ave (Route 111) to Littleton - Boxborough Town Line Steele Farm and Have Not Pond trail crossing across Hill Road south of Middle Road	199039.579, 917594.598 197683.499, 915554.365	197097.609, 915000.404	CS Needs Assessment	S15, S17, P9,P12	X	X	X	X				NO	\$99,419	\$94,241	\$ 5,177.50 - Chapter 90 or Town Budget	4	4/1/2019
2	Massachusetts Avenue Sidewalk Project	Construct a 5' wide bituminous concrete sidewalk along the north side of Massachusetts Avenue (Route 111) providing a safe pedestrian connection from the Sargent Memorial Library driveway in the west to Liberty Square Road in the east.	NO	Massachusetts Avenue (Route 111) from Sargent Memorial Library driveway to Liberty Square Road	199674.977, 914502.283	200418.273, 914324.338	Route 111 Sidewalk Extension Plan	P2, P3, P5	X	X	X					NO	\$639,683	\$0	\$574,683 - MassWorks Infrastructure Grant \$65,000 - Town of Boxborough Sidewalk Improvement Fund	3	4/1/2019
3	Town-Wide Bicycle Accommodation and Network Project	Install guide signage throughout town designating bike routes, and providing wayfinding along those routes to destinations within the Town. Bike Routes shall be designated on: 1)Middle Road 2)Stow Road from Massachusetts Avenue to Ferra Meadows 3)Burroughs Road 4)Hill Road 5)Depot Road 6) Liberty Square Road 7)Sargent Road. These roadways accommodating the bicycle network include signs indicating bicycle use of the travel way, sharrows and edge lines. In addition to the network, bicycle parking improvements will be provided at several key trailheads and other Town facilities including : 1) Town Hall / Community Center(10 capacity), 2) Liberty Field(10 capacity), 3) Blanchard School(20 capacity), 4)Two at the Ferra Meadows parking lot(10 capacity) 5) Wolf Swamp Conservation Area Trail Head(6 capacity) 6) Boxborough Community Garden(6 capacity) 7) Steele Farm(10 capacity) 8) Half Moon Meadow / Helen Volkman Trailhead(10 capacity) Improvements include the installation of secure bicycle storage racks (6-10 capacity each - total of 82 bicycles) with concrete pads, bicycle parking notification assemblies and wayfinding signage at the trailheads notifying all bikers of the location of the trailheads.	NO	1) Town Hall parking lot 2) Liberty Field parking lot 3) Blanchard School parking lot 4) Ferra Meadows parking lot 5) Wolf Swamp Conservation Area Trail Head 6) Boxborough Community Garden 7) Steele Farm 8) Half Moon Meadow / Helen Volkman Trailhead	1) 198878.524, 914695.978 2) 199360.486, 917295.421 3) 199474.609, 914587.716 4) 198828.668, 913525.981 5) 197118.794, 914734.247 6) 198589.425, 915437.823 7) 199360.486, 917295.421 8) 201123.007, 915916.083		CS Needs Assessment	B3, B7, P4			X	X				NO	\$74,416	\$69,416	\$ 5,000.00 - Chapter 90 or Town Budget	4	4/1/2019
4	Burroughs Road Cycling Mobility and Safety Improvement Project	Install shared lane markings (sharrows) and appropriate signage on Burroughs Road east of Stow Road to Massachusetts Avenue. Install a dashed line with high-visibility green bicycle pavement marking crossing to guide cyclists through the Pine Hill Road intersection and the Burroughs Road. Install white edge lines along the entire length of Burroughs Road from the western intersection with Massachusetts Avenue (Route 111) to the eastern intersection with Massachusetts Avenue (Route 111) to narrow travel lanes and encourage reduced vehicle travel speeds. The project will also involve installing curve warning signs, advance intersection warning signs, STOP signs and LED STOP ahead (W3-1) signs on the Burroughs Road approaches to Stow Road.	NO	Burroughs Road from Massachusetts Avenue (Route 111) west intersection to Massachusetts Avenue (Route 111) east intersection	197101.142, 914995.626	200169.133, 914388.976	CS Needs Assessment	S1,S6,S7,B8	X			X				NO	\$45,689	\$40,689	\$ 5,000.00 - Chapter 90 or Town Budget	4	4/1/2019
5	Liberty Square Road - Safety and Traffic Calming Improvement Project	Install four speed feedback display sign assemblies on Liberty Square Road. The project will also include improving the geometry at two key intersections (Liberty Square Road at Depot Road; Liberty Square Road at Sargent Street) to improve sight distance on Depot Road. Relocate STOP bars and STOP signs along Depot Road and Sargent Street approaches. Install 50' centerlines on both Depot Road approaches to help guide turning traffic (SO). Install LED-blinking advanced intersection or curve warning (W2-1) signs facing both directions of traffic on Liberty Square Road approaches to both intersections. Clear vegetation within Town ROW on the intersection corners to improve driver sight lines at the intersection (SO).	NO	Liberty Square Road 1) Approximately 300' S of Guggins Lane and 2) approximately 200' S of Littleton TL 3)300' N of Sargent Road 4)500' N of Depot Road Liberty Square Road at Depot Road intersection Liberty Square Road at Sargent Road intersection	1)199295.100 , 917658.106 2)200400.003, 914620.032 3)200237.662,915736.714 4)199956.269, 916249.901 200066.584, 916143.042 200277.207, 915653.516		CS Needs Assessment	S5, S6, S7, S14, S17, SO	X				X			NO	\$73,233	\$62,935	\$ 10,297.50 - Chapter 90 or Town Budget	4	4/1/2019
6	Flagg Hill Road Bicycle Mobility and Traffic Calming Project	The project includes installing shared lane markings and appropriate signage in both directions on Flagg Hill Road as well as solid white edge lines from Summer Road to Stow Road. The project is also proposed to install two digital speed feedback signs on Flagg Hill Road.	NO	1) Flagg Hill Road 1200' east of Taylor Farm Road 2) Flagg Hill Road 200' east of Richardson Road 3) Summer Road to Stow Road	1) 200251.719, 913462.572 2) 199360.340, 912989.620 3) 200549.388, 913688.637	3) 199082.171, 912724.726	CS Needs Assessment	S5, S15, S17	X							NO	\$46,300	\$41,300	\$ 5,000.00 - Chapter 90 or Town Budget	6	6/1/2019
7	Stow Road Sidewalk Project: Phase 1	Install 5' wide HMA sidewalk with HMA curbing on Stow Road from Massachusetts Avenue (Route 111) to Burroughs Road (2,250 ft.). The sidewalk will be on the west side of the street from Massachusetts Avenue to Sherriff Meadows, and on the east side of the street from Sherriff Meadows to Burroughs Road. This sidewalk provides a safe walking facility for the senior related residential areas that will enable connecting to town hall and eventually south to the recreational fields at Ferra Meadows. Included in the project is a high visibility pedestrian crossing (ladder-style) with ADA compliant wheelchair ramps and detectable warning panels across Stow Road at Middle Road and at Sherriff Meadows, and across the Burroughs Road east leg of its intersection with Stow Road. Install pedestrian crossing warning signs facing both directions of traffic at the proposed crossing across Stow Road at Sherriff Meadows.	NO	Massachusetts Avenue/ Route 111 to Burroughs Road Intersection	198838.880, 914609.120	198839.344, 913931.643	CS Needs Assessment	P2, P3, P5, P9	X	X	X				No	\$400,247	\$352,835	\$ 47,411.50 - Chapter 90 or Town Budget	6	4/1/2020	
8	Depot Road Bicycle Mobility and Safety Improvement Project	Implement improvements along the road to enhance the safety and comfort level for pedestrians and bicyclists. Project will include installing solid white edge lines along both sides of Depot Road from Middle Road to Liberty Square Road as well as shared lane markings and appropriate signage.	NO	Depot Road from Liberty Square Road to Middle Road	200065.516, 916143.709	198637.099, 915395.048	CS Needs Assessment	S15, S17, SO	X							NO	\$25,912	\$20,912	\$ 5,000.00 - Chapter 90 or Town Budget	3	6/1/2020

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9	Massachusetts Avenue (Route 111) Enhanced Pedestrian Crossings Project	Provide Enhanced Pedestrian crossings along Massachusetts Avenue (Route 111) at Stow Road/Middle Road, at Loring Avenue, and at the Blanchard Elementary School. Includes advance crossing warning signs at Middle/Stow Roads and at the Blanchard School. Includes installation of a Rectangular Rapid-Flash Beacon (RRFB) at Middle/Stow Roads, and LED bordered crossing signage at Loring Avenue and at a consolidated Blanchard School crossing. Crossings will include ADA compliant wheelchair ramps. Includes restriping of crosswalks at existing locations. This project will require MassDOT coordination and cooperation as road comes under DOT jurisdiction.	NO	1)Massachusetts Avenue at Stow Road/Middle Road 2) Massachusetts Avenue at Loring Avenue 3)Massachusetts Avenue at Blanchard School Entrance	1)198842.088, 914614.673 2)199077.975,914589.867 3)199349.958,914550.959		CS Needs Assessment	P2, P3, P9, P12	X	X	X					NO	\$121,116	\$0	\$ 121,116.00 - MassDOT	4	7/1/2020
10	Middle Road Sidewalk Project Phase 1:	Extend the existing 5' wide HMA sidewalk with HMA curb along the east side of Middle Road from the Town Hall south driveway to the existing sidewalk on the south side of Cobleigh Road (1,200 ft.) serving the residential neighborhood. This will provide a safe pedestrian connection from the Cobleigh Road residential neighborhood to Town Hall and to the existing sidewalk along the south side of Massachusetts Avenue (Route 111). Install ADA compliant wheelchair ramps with detectable warning panels at the north end of the Town Hall south driveway and at both ends of the the Town Hall north driveway. Install a marked pedestrian crosswalk across Cobleigh Road with ADA compliant wheelchair ramps at both ends of the proposed crossing.	NO	Middle Road from Town Hall Driveway to Cobleigh Road	198842.105, 914721.643	198865.755, 915047.104	CS Needs Assessment	P2, P3, P5, P9	X	X	X					NO	\$372,060	\$322,852	\$ 49,207.50 - Chapter 90 or Town Budget	6	4/1/2021
11	Pedestrian and Bicyclist Mobility Improvements Project: Liberty Square Road Phase 1	Phase 1 of this project includes 2 ft. of box widening along each side of Liberty Square Road from Massachusetts Avenue (Route 111) to Boxmill Road (2,700 ft.) to provide enough pavement width to stripe a double yellow centerline with 10 ft. wide travel lanes and white edge lines depicting at minimum 4 ft. wide shoulders in both directions.	NO	Liberty Square Road from Massachusetts Avenue (Route 111) to Boxmill Road	200418.273, 914324.338	200350.973, 915145.660	CS Needs Assessment	S15, S17	X			X	X			NO	\$219,031	\$163,876	\$ 55,154.60 - Chapter 90 or Town Budget	12	4/1/2022
12	Pedestrian and Bicyclist Mobility Improvements Project: Liberty Square Road Phase 2	Phase 2 of this project consists of constructing 5 ft. wide HMA sidewalk with HMA curb along the east side of Liberty Square Road from the already planned sidewalk along Massachusetts Avenue (Route 111) to the existing sidewalk on Boxmill Road (2,700 ft.). Construct ADA compliant wheelchair ramps with detectable warning panels at the northern limit of the proposed sidewalk and at all side street crossings.	NO	Liberty Square Road from Massachusetts Avenue (Route 111) to Boxmill Road	200418.273, 914324.338	200350.973, 915145.660	CS Needs Assessment	P2, P3, P5	X	X	X					NO	\$350,670	\$319,360	\$ 31,310.00 - Chapter 90 or Town Budget	8	4/1/2023
13	Middle Road Sidewalk Phase 2	Extend the 5' wide HMA sidewalk with HMA curb along the east side of Middle Road from the terminus of Phase 1 at Cobleigh Road to the Depot Road intersection (1,450 ft.). Install a marked pedestrian crosswalk across the Depot Road east leg of its intersection with Middle Road with ADA compliant wheelchair ramps at both ends of the proposed crossing.	NO	Middle Road from Cobleigh Road to Depot Road	198865.755, 915047.104	198645.895, 915392.380	CS Needs Assessment	P2, P3, P5, P9	X	X	X					NO	\$388,942	\$321,730	\$ 67,212.00 - Chapter 90 or Town Budget	8	Beyond 2023
14	Stow Road Sidewalk Project Phase 2	Install 5' wide HMA sidewalk with HMA curbing on the east side of Stow Road from Burroughs Road to the Ferra Meadows trail head along Stow Road (550'). Transition from the proposed sidewalk to a 10 to 12'-foot-wide HMA multi-use path along the existing trail in Ferra Meadows to provide a safe, off-road connection for pedestrians and bicyclists to the entrance driveway leading to the existing parking lot and recreational fields within Ferra Meadows (850').	NO	Stow Road from Burroughs Road to the Ferra Meadows parking lot	198843.126, 913928.976	198826.285, 913531.758	CS Needs Assessment	B10, P5	X		X	X				NO	\$296,235	\$260,950	\$ 35,285.00 - Chapter 90 or Town Budget	6	Beyond 2023
15	Pedestrian and Bicyclist Mobility Improvements Project: Liberty Square Road Phase 3	Phase 3 of this project starts at the northern limit of Phases 1 and 2 (Boxmill Road) and includes 3 ft. of box widening along each side of Liberty Square Road from Boxmill Road to Depot Road (3,550 ft.) to provide enough pavement width to stripe a double yellow centerline with 10 ft. wide travel lanes and white edge lines depicting 5 ft. wide shoulders in both directions. Install a pedestrian crossing (ladder-style) across Liberty Square Road at the northern limit of the Phase 2 sidewalk at Boxmill Road with an ADA compliant wheelchair ramp with detectable warning panel at the east end of the crossing and pedestrian crossing warning signs at the crosswalk facing both directions of traffic.	NO	Liberty Square Road from Boxmill Road to Depot Road	200350.973, 915145.660	200066.584, 916143.042	CS Needs Assessment	P2, P3, P9, S10, S15, S17	X	X		X	X			NO	\$345,695	\$274,984	\$ 70,710.60 - Chapter 90 or Town Budget	8	Beyond 2023
16	Pedestrian and Bicyclist Mobility Improvements Project: Liberty Square Road Phase 4	Phase 4 of this project starts at the northern limit of Phase 3 at Depot Road includes 3 ft. of box widening along each side of Liberty Square Road from Depot Road to the Littleton Town Line (5,975 ft.) to provide enough pavement width to stripe a double yellow centerline with 10 ft. wide travel lanes and white edge lines depicting 5 ft. wide shoulders in both directions.	NO	Liberty Square Road from Depot Road to the Boxborough - Littleton Town Line	200066.584, 916143.042	199289.349, 917677.102	CS Needs Assessment	S10, S15, S17	X				X	X		NO	\$569,848	\$400,000	\$ 169,847.70 - Chapter 90 or Town Budget	12	Beyond 2023
17	Pedestrian Mobility Improvement Project: Summer Road	Construct a 5' wide HMA sidewalk with HMA curb along the east side of Summer Road from Massachusetts Avenue (Route 111) to the Acton Town Line (2,600 ft.). Construct ADA compliant wheelchair ramps with detectable warning panels at side street intersections and at the northern and southern ends to the proposed sidewalk. This will improve connectivity from Boxborough to West Acton and will shorten the gap in the sidewalk network between the two Towns. Install a pedestrian crossing (ladder-style) across the Summer Road SE leg to its intersection with Flagg Hill Road at the northwest driveway to the Boxborough Business Park. Install pedestrian crossing warning signs facing both directions of traffic at the proposed crossing and ADA compliant curb ramps with detectable warning panels at both ends of the proposed crossing.	NO	From Boxborough-Acton Town Line To Summer Road @ Massachusetts Avenue	200641.245, 913644.768	200458.647, 914306.012	CS Needs Assessment	P2, P3, P9, P5	X	X	X					YES, Acton	\$340,100	\$299,385	\$ 40,714.50 - Chapter 90 or Town Budget	6	Beyond 2023
18	Massachusetts Avenue Pedestrian Mobility Improvements: Phase 1	Phase 1 connects the proposed sidewalk ending at Liberty Square Road to the Acton Town Line (~1800'), consisting of 5' wide HMA sidewalk with Vertical Granite curb on both sides. Roadway will also be widened to provide 11' travel lanes and 2' shoulders. ADA compliant wheelchair ramps and crosswalks (ladder-style) will be provided over all side street crossings.	NO	Massachusetts Avenue (Route 111) from Liberty Square Road to Acton TL	200417.122, 914325.449	200943.701, 914199.535	CS Needs Assessment	P2,P3,P5,P9	X	X	X					NO	\$714,428	\$0	\$ 714,427.60 - MassDOT	12	Beyond 2023
19	Massachusetts Avenue Pedestrian Mobility Improvements: Phase 2	Phase 2 connects the sidewalk ending at Stow/Middle Roads to the Harvard Town Line (~10130), consisting of 5' wide HMA sidewalk with Vertical Granite curb on both sides. Cross section will be narrowed to sidewalk on the north side only between Sara's Way and #1082 (~1000') to have sidewalk on only the north side due to grades around the road and a small pond on the south side. Roadway will also be widened to provide 11' travel lanes and 2' shoulders. ADA compliant wheelchair ramps and crosswalks (ladder-style) will be provided over all side street crossings.	NO	Massachusetts Avenue (Route 111) from Middle/Stow Road to Harvard TL	198835.51, 914616.118	195872.312, 915366.583	CS Needs Assessment	P2,P3,P5,P9	X	X	X					NO	\$3,656,267	\$0	\$ 3,656,266.86 - MassDOT	12	Beyond 2023