

# REVIVING A DOWNTOWN: ARMORY VILLAGE GREEN INFRASTRUCTURE PROJECT

## MILLBURY MASSACHUSETTS

### Existing Conditions

- ▶ Ugly public spaces, empty storefronts, crumbling, uneven sidewalks, overgrown vegetation, empty planters, and outdated street and traffic lights give the impression of disinvestment and neglect;
- ▶ Pedestrian/ADA accessibility is minimal owing to non-compliant and missing curb ramps, too wide and non-compliant crosswalks, obstructions within the route of travel, excessive cross slopes, and uneven and deteriorated surfaces;
- ▶ No bicycle accommodation;
- ▶ Illicit connections to stormwater and sewer systems, including roof drains and sump pumps, and an antiquated, undersized drain system contribute pollution to the Blackstone River (500' downhill of the project area) and lead to downstream flooding.



## Proposed Project

- ▶ Install street trees, rain gardens and other landscape features;
- ▶ Expand walkways to accommodate planting beds and outdoor seating;
- ▶ Construct ADA-compliant sidewalks, ramps and crosswalks;
- ▶ Reconstruct Commons and install pedestrian plazas with interpretive signage;
- ▶ Upgrade traffic and street lights;
- ▶ Add wayfinding signs, sharrows and bike racks;
- ▶ Upgrade drainage, water and sewer infrastructure;
- ▶ Reconstruct parking lot and repave roadways/driveway aprons.

## Project Benefits

- ▶ Welcoming public spaces will attract business, investment and patrons!!!
- ▶ Porous pavers, pervious pavement, rain gardens, flow-through planters, and trees will reduce heat island effects, provide habitat, reduce flooding by allowing stormwater to infiltrate the ground and improve the Blackstone River by filtering contaminants;
- ▶ Bioretention bumpouts will cleanse & absorb stormwater while making it easier and safer for pedestrians to navigate Millbury Center;
- ▶ Sidewalk, ramp and crosswalk improvements will make this section of Millbury Center ADA-compliant;
- ▶ Street & traffic light upgrades will reduce energy consumption while creating a safer environment for vehicles, pedestrians & bicyclists;
- ▶ Wider sidewalks and pedestrian plazas incorporating street trees and colorful landscaping will reduce impervious cover while providing beautiful places for people to congregate;
- ▶ Innovative design will encourage people to not only come to Millbury Center, but STAY in Millbury Center.



## Estimated Project Costs

Roadway Improvements	\$451,650
Upper & Lower Common Improvements	\$447,165
Other Improvements	\$424,875
Miscellaneous (27%)	\$436,818
Inflation (4% per year)	\$70,420
<b>TOTAL PROJECT COST</b>	<b>\$1,830,928</b>

## Grant Funding to Date

MVP Action Grant	\$1,000,000
Complete Streets	
Construction Grant	\$175,000
DEP Section 319 Grant	\$150,000
Narragansett Bay Estuary Grant	\$75,000
Green Communities Grant	\$28,000
<b>TOTAL OF GRANT AWARDS</b>	<b>\$1,428,000</b>