

CITY OF EASTHAMPTON MVP ACTION GRANT

Green Infrastructure Planning and Resiliency Design for Cherry Street

The City has received state funding for the following:

- Develop a Green Infrastructure Master Plan to address stormwater-driven flooding hazards throughout the City.
- Complete design engineering to repair a failing stormwater outfall at the end of Cherry Street and restore the eroded slope and adjacent stream within Brickyard Brook Conservation Area.
- Design green infrastructure practices to manage and infiltrate stormwater within the Cherry Street neighborhood to lessen the burden on that stormwater outfall.

A key objective of the City's grant project is to promote long-term planning and resiliency measures that consider both existing and ongoing infrastructure needs and natural system solutions and form the basis of a climate resiliency vision and implementation strategy for the City of Easthampton. This project will prepare the City to move forward with 'shovel ready' projects in the next phase.

Learn more and provide feedback here:
[//easthamptonma.gov/MVP](http://easthamptonma.gov/MVP)

Green Infrastructure:

- improves water quality
- reduces pollutants in stormwater runoff
- reduces peak flows during storms
- helps sustain stream flow during droughts
- mitigates flooding & increases flood resiliency
- reduces streambank erosion
- is more cost-effective than traditional drainage
- improves air quality
- sequesters carbon
- helps reduce energy consumption
- adds aesthetic interest
- improves property values
- contributes to overall economic vitality
- promotes adaptation to climate change

WHAT IS GREEN INFRASTRUCTURE?

Green infrastructure refers to systems and practices that reduce stormwater runoff through use of vegetation, soils, and natural processes to manage water and create healthier urban and suburban environments. These practices capture, manage, and/or reuse rainfall close to where it falls, reducing stormwater runoff and keeping it out of drainage systems and receiving waters.



TREEBOX FILTERS

CURB BUMPOUTS



RAIN GARDENS



ROADSIDE BIOSWALES