






GREEN STREETS | GREEN JOBS | GREEN TOWNS INITIATIVE


The Green Streets, Green Jobs, Green Towns Partnership (G3) aims to stimulate the green jobs market and enable families to work where they live and play. Small to mid-sized communities can boost their local economies and protect water resources through the use of watershed planning, design and construction of stormwater best management practices.





 21,700 sq. ft. impervious surface treated

 750 sq. ft. impervious surface removed

 780 sq. ft. bioretention area created

 302 native plants installed

 7 local green jobs supported during construction

 5 workshops with 102 attendees

TOWN OF BATH

A Bath for the Bay Part Two: Rinse and Repeat

This project built off the success of a previous Green Streets, Green Jobs, Green Towns grant awarded to the Town of Bath in 2016. This “Rinse and Repeat” project featured stormwater capture and filtering system for two adjacent streets. The drainage area of the entire system covered about 2.5 acres with approximately 1.75 impervious cover. Numerous subsurface seeps contributed moisture to the area, which was subject to flash flooding. The Green Streets, Green Jobs, Green Towns grant of \$42,000 was used for the Washington Street component of the project, for signage, and for shrubs and herbaceous plants. Separate grants from community foundation fundraising and Morgan County Commission were used for trees and hardscape for the adjacent street.

The Green Streets, Green Jobs, Green Towns Grant was used for replacement of an impervious brick sidewalk with a 250 foot long storage trench (approximately 4 feet deep and 4 feet wide) capped with 750 square feet of permeable pavers. The work included installation and connection of four, 100 square foot planters to the trench system and planting them with trees and shrubs. Downspouts that previously flowed across sidewalks were connected to the trench underground. Plant materials were purchased for the planters and for the adjacent street, which had newly installed hardscape: soil, gravel, geotextile, and conduits of a bioswale and rain gardens.



Before Construction



PROJECT ELEMENTS

- **Impervious Pavement Removal** – Rain hits impervious surfaces such as parking lots and roads, and because it cannot soak through, it instead runs off into storm drains or directly local waterways.
- **Bioretention Area** – These features filter, store, and reduce stormwater runoff, allowing it to infiltrate into the ground before it enters into the storm drain system
- **Native Plants** – Native plants offer numerous benefits. Because native plants are adapted to local environmental conditions, they require far less water. They provide vital habitats for birds, insects and other species of wildlife, prevent water run-off, and improve air quality
- **Green Jobs and Engagement of Local Businesses** – Local survey, and engineering firms, and suppliers will be used to complete the project, supporting local jobs.

Year Awarded: 2018

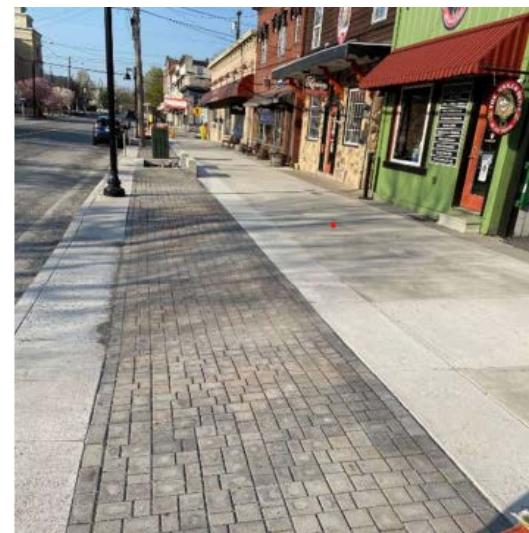
Award Amount: \$42,000

Match Amount: \$59,808

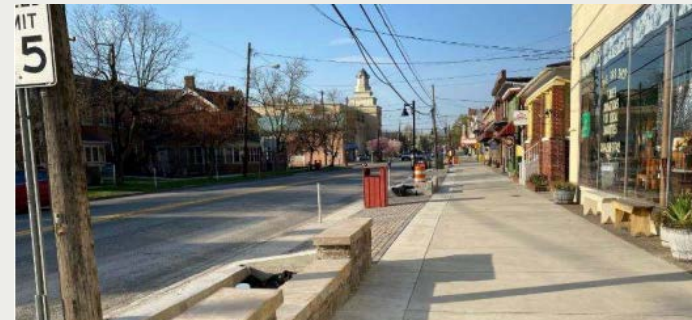
Construction



Same Street After



Project Partners: Chesapeake Bay Trust, Delectable Mountains Quilt Guild, Eastern Panhandle Planning and Development Council, Foxglove Garden Club, Morgan County Commission, Town of Bath Streetscape Committee, U.S. Environmental Protection Agency,



Plant Selection Workshop

SUSTAINABILITY & GROWTH

Monitoring will be done after heavy rain storms. The Town of Bath Public Works staff are responsible for all maintenance of hardscape. The Streetscape Committee and the Bath Tree Board are responsible for plant material maintenance with assistance from the Foxglove Garden Club. Warm Springs Watershed Association has an active stream monitoring program with results posted regularly on their website.

Town committees are committed to increasing green infrastructure installations in the watershed and have promoted it to other state and federal officials. The Town of Bath has continued to implement green infrastructure, including through a third Green Streets, Green Jobs, Green Towns grant awarded in 2021.

For additional information: visit epa.gov and cbtrust.org