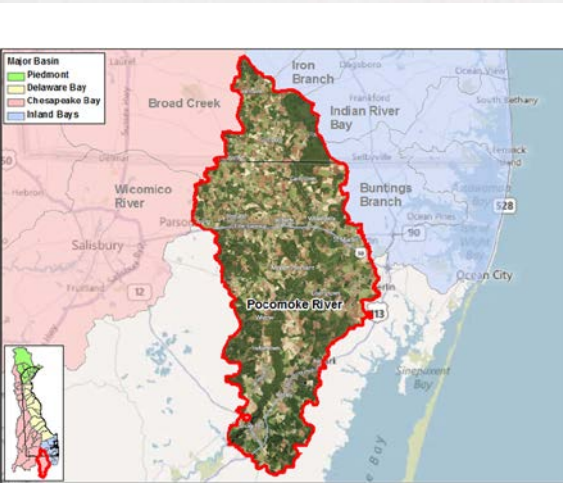






## GREEN STREETS | GREEN JOBS | GREEN TOWNS INITIATIVE

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.



 1 Green Street Concept Plan Created

 1 Green Roof to be installed

 2 rain gardens to be installed

## POCOMOKE CITY

### Pocomoke City Green Street Plan

Pocomoke City is located on the banks of the Pocomoke River, which runs through the downtown area. Cypress Park, the city's major recreational area, is located on the river. Although there is some bulk heading at this site, flooding frequently occurs. Mitigation was clearly needed.

Flooding in the area due to heavy rain has been well-documented. Photographs show the Pocomoke overflowing its banks at Cypress Park, automobiles with water up to the doors, water which has risen to 2 inches from the ground on certain houses, and significant flooding in the streets.

The river is a popular tourism attraction due to its unique characteristics. It has been designated a Wild and Scenic River by the State of Maryland. With depths ranging from 7 to 45 feet and a width of less than 100 feet, the Pocomoke is said to be the deepest river for its width in the world.

The concept plan discusses ways to "green" various streets in the downtown. The main street, Market St., is especially emphasized, with plans for First St., Second Street, Third Street, Fourth St., and Fifth St. detailed as well. The City has put a great deal of emphasis on downtown revitalization in the 7 years preceding this project. The community gave input at public meetings prior to the design.

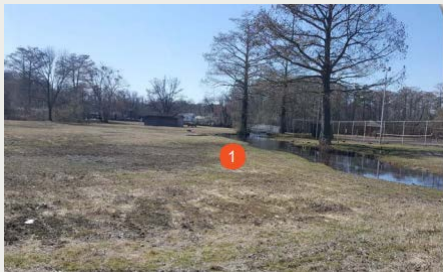
### Conditions before





## PROJECT ELEMENTS

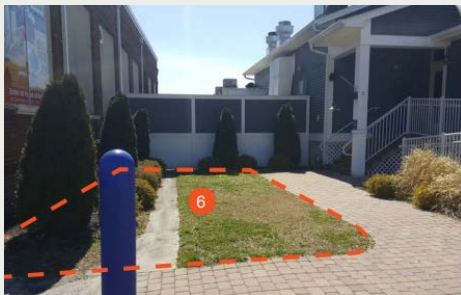
- **Concept Plan** – The City completed a concept plan for the downtown of Pocomoke City. Elements recommended include impervious pavement removal, pervious pavement installation, raingarden installation, green roofs, meadows, green street installations, and wetland enhancement.
- **Impervious pavement 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
- **Rain Garden**– These features filter and reduce stormwater runoff, allowing it to infiltrate into the ground before it enters into the storm drain system
- **Green Roof** – These rooftops are overlaid with a lightweight soil media that can support plants. They help to improve water quality by filtering, absorbing, or detaining rainfall.
- **Green Street** – Green Streets minimize the impact on the surrounding area through a natural system approach that incorporates a variety of water quality, energy-efficiency, and other environmental best practices.
- **Pervious Paving** – This alternative to traditional black top allows surface water to flow into the ground where the volume can be held, infiltrate into the lower soil or conveyed through a stormwater system. Pervious paving is a good application for areas that require a hardscape surface and have no viable options for stormwater management. There are various applications and styles making pervious asphalt a good aesthetic option as well as functional.



1. Proposed area for wetland enhancement and boardwalk



Example of wetland enhancement



6. Proposed raingarden area at Riverside Grill Restaurant



Example of rain garden plants

## SUSTAINABILITY & GROWTH

The city had not yet incorporated green practices in its infrastructure work. This will be the beginning of a green approach to all such projects. The city intends to seek funding to carry out all activities mentioned in the plan.

For additional information: visit [epa.gov](http://epa.gov) and [cbtrust.org](http://cbtrust.org)

Year Awarded: 2018

Award Amount: \$13,500

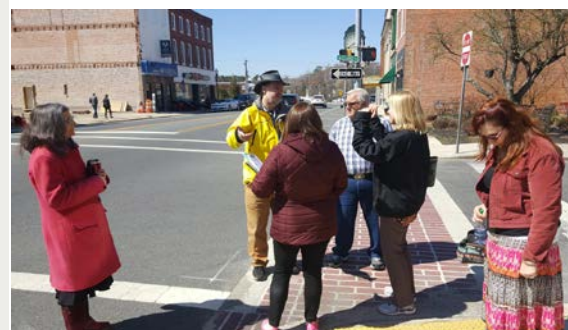


### Pocomoke River – Front Street

- 1 Wetland Enhancement and Boardwalk at Cypress Park
- 2 Regenerative Stormwater Conveyance (RSC) at the Farmers Market Pavilion
- 3 Pavement Removal at the Farmer's Market Lot
- 4 Pavement Removal at the Municipal Parking on Market Street
- 5 Raingarden Planters at the Delmarva Discovery Center, Market Street
- 6 Raingarden at Riverside Grill Restaurant
- 7 Raingarden Planters at the Discovery Center, Willow Street
- 8 Meadow at Vacant Lot at Riverside Drive



## March Community Meeting



Project Partners: Chesapeake Bay Trust, Moody Graham Landscape Architecture, Pocomoke City, U.S. Environmental Protection Agency