



## 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.



ANACOSTIA  
WATERSHED

HYATTSVILLE

## UNIVERSITY HILLS GREEN STREET PROJECT- HYATTSVILLE, MD

Creating a pedestrian-friendly, accessible, and sustainable environment within the University Hills neighborhood.

The City of Hyattsville sought to develop a complete “Green Street” conceptual design for the University Hills section of Hyattsville. The area has no existing sidewalk and 35-40’ roadway widths. The City will be investing \$2 million in infrastructure improvements in the area, including repaving and base repair of 18,179 linear feet (3.44 miles). The community is planning to incorporate green infrastructure elements to relieve the quantity and improve the quality of the area that drains to 60 storm drain inlets. Practices include traffic-calming bioretention, stormwater planters, and linear stormwater tree pits.

Sustainability Policy adopted in 2009. The City of Hyattsville’s goal is to have the principles of sustainability and energy efficiency reflected in all aspects of City operations. The City plans to demonstrate environmental leadership by consistently adopting local regulations that meet and strive to exceed established environmental targets, standards, and requirements of the State of Maryland and Prince Georges County. The City also plans to implement best practices regarding issues including renewable energy and green house gas emissions, pollution prevention, reuse/recycling and brownfield remediation, storm-water management, and water quality.

This project will be undertaken according to the Environmental



18,179 lf (3.44 miles) of green roadway



1000 sf of bioretention



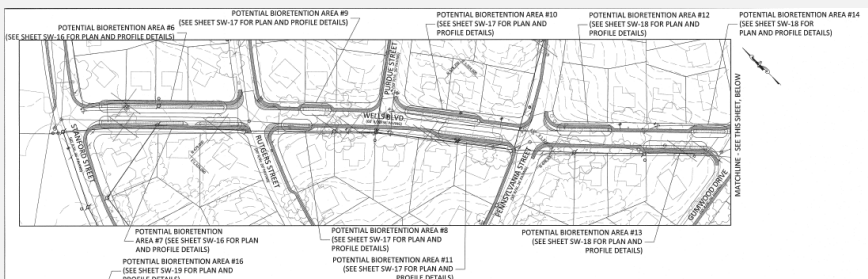
200 native plants



20 trees



50 attendees at community meetings



# PROJECT ELEMENTS

- **Impervious pavement removal**– Removal of pavement – about 8 feet of roadway to narrow it – allows installation of other practices that treat stormwater.
- **Bioretention curb extensions and bioswales**– These features filter and reduce stormwater runoff, allowing it to infiltrate into the ground, before it enters into the storm drain system.
- **Tree pits and expanded tree wells**– Extended tree pits and wells into the street both reduces impervious surface cover and also reduces street area, narrowing the road and slowing traffic, increasing likelihood of pedestrian use.
- **Pedestrian access**– Sidewalks encourage use of sustainable modes of transportation, enhancing livability and walkability of communities.
- **Increased Urban Tree Canopy**– In urban areas a single tree can intercept from 500 to 4,000 gallons per year. Even young, small trees help, capturing 50 gallons per year. Trees not only treat stormwater, they provide a host of other benefits, including energy cost reduction in both summer (shade) and winter (proper placement can result in the reduction of energy use by 20-50%), aesthetics, property value enhancement, business traffic enhancement, and health benefits.

G3 Grant Awarded: \$35,000  
 Match - Design: \$60,272  
 Match – Construction: \$2 million  
 Status: Design Completed June 2013  
 Status: Construction planned September 2014



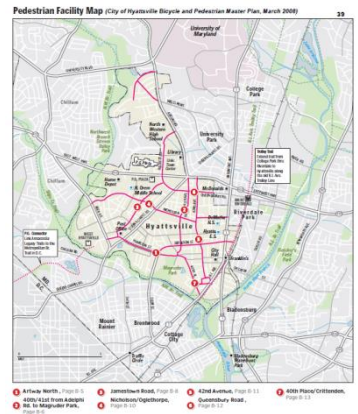
# SUSTAINABILITY & GROWTH: ADDITIONAL GREEN ACTIVITIES

The City of Hyattsville has been pursuing projects under two plans: An Environmental Sustainability Policy, which reaffirms the City’s commitment to responsible environmental stewardship, and a green infrastructure report adopted in 2009 and funded through an Urban Greening Grant.

The Sustainability Policy directs the City to incorporate principles of sustainability and energy efficiency into all of its capital improvements projects, operations, and resource use. The City affirms its commitment to departmental operations and project implementation including the design, construction, operation, maintenance, and rehabilitation of buildings in ways that conserve natural resources and reduce pollution. Sustainable operation of all aspects of running the City of Hyattsville can reduce the negative impacts on the environment as well as save the City of Hyattsville and its residents money by reducing the cost of energy (oil, natural gas, electricity) and consumables (paper, vehicles, general upkeep). The end result is an optimal balance of cost, environmental, societal and human benefits, which also meet the mission and functions of the City, the various departments and the residents of the City of Hyattsville.

The first green infrastructure project undertaken was the Hamilton Street Artway project, one section of the Prince George’s County Gateway Arts District, an arts-based economic development initiative that targets the revitalization of a two-mile area of Route 1 just north of the DC border. The roadway was completely reconstructed in 2011 to improve pedestrian safety and treat stormwater through traffic-calming bioretention areas.

In addition, the City is committed to increasing its urban tree canopy, having worked to identify existing tree canopy and increase it through planting of hundreds of street trees through multiple projects.



Project Partners: City of Hyattsville, Charles P Johnson & Associates; Greenhome & O’Mara; Maryland National Capital Park and Planning Commission; Chesapeake Bay Trust,;MD Department of Natural Resources;U.S. Environmental Protection Agency.