

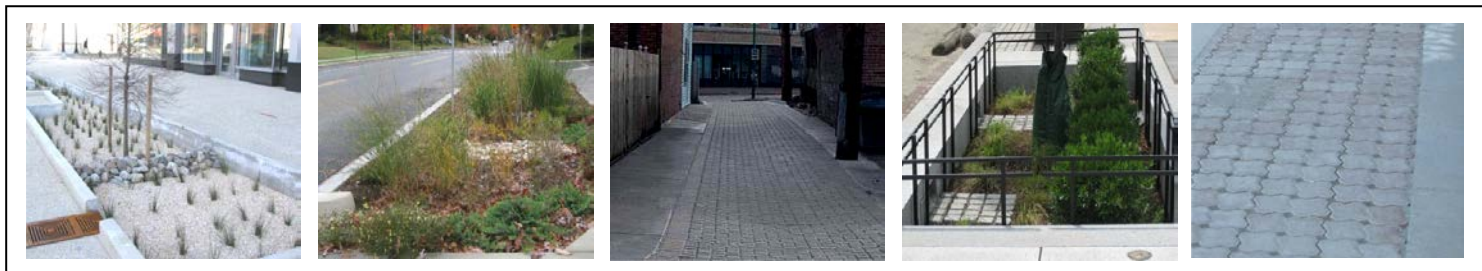


DISTRICT
DEPARTMENT
OF THE
ENVIRONMENT



District Department of Transportation

LID Retrofits for Roadways



The District Department of Transportation (DDOT) is installing Low Impact Development (LID) practices in the public right-of-way in order to capture stormwater runoff from city streets. The LID Retrofits for Roadways projects are demonstrating several different types of LID citywide. Currently, untreated stormwater flows directly from pavements into waterways through the storm drain system, carrying pollutants which harm aquatic species and make rivers unsafe for fishing and recreation. LID practices manage stormwater in small areas to reduce the surge of water flowing into streams, reduce trash going into streams, and improve water quality.

These LID projects primarily use bioretention either behind the curb where water flows off the streets or in curb bumpouts where water is captured from the gutter flow. Bioretention is a landscaping technique that uses layers of plants, mulch, soil, and stone to absorb and treat the stormwater. Bioretention bumpouts also function as traffic calming by reducing the width of the road and improving pedestrian and vehicular safety. Permeable grass paving will be used to capture flow from a curbless road.

The LID Retrofits project sites are located citywide at:

Fitch Pl at Division Ave NE (Ward 7) - Streetside bioretention

Erie St and Pomeroy Rd SE (Ward 8) - Bioretention bumpouts

Fort Dupont St and Q St SE (Ward 7) - Bioretention bumpouts and/or permeable paving

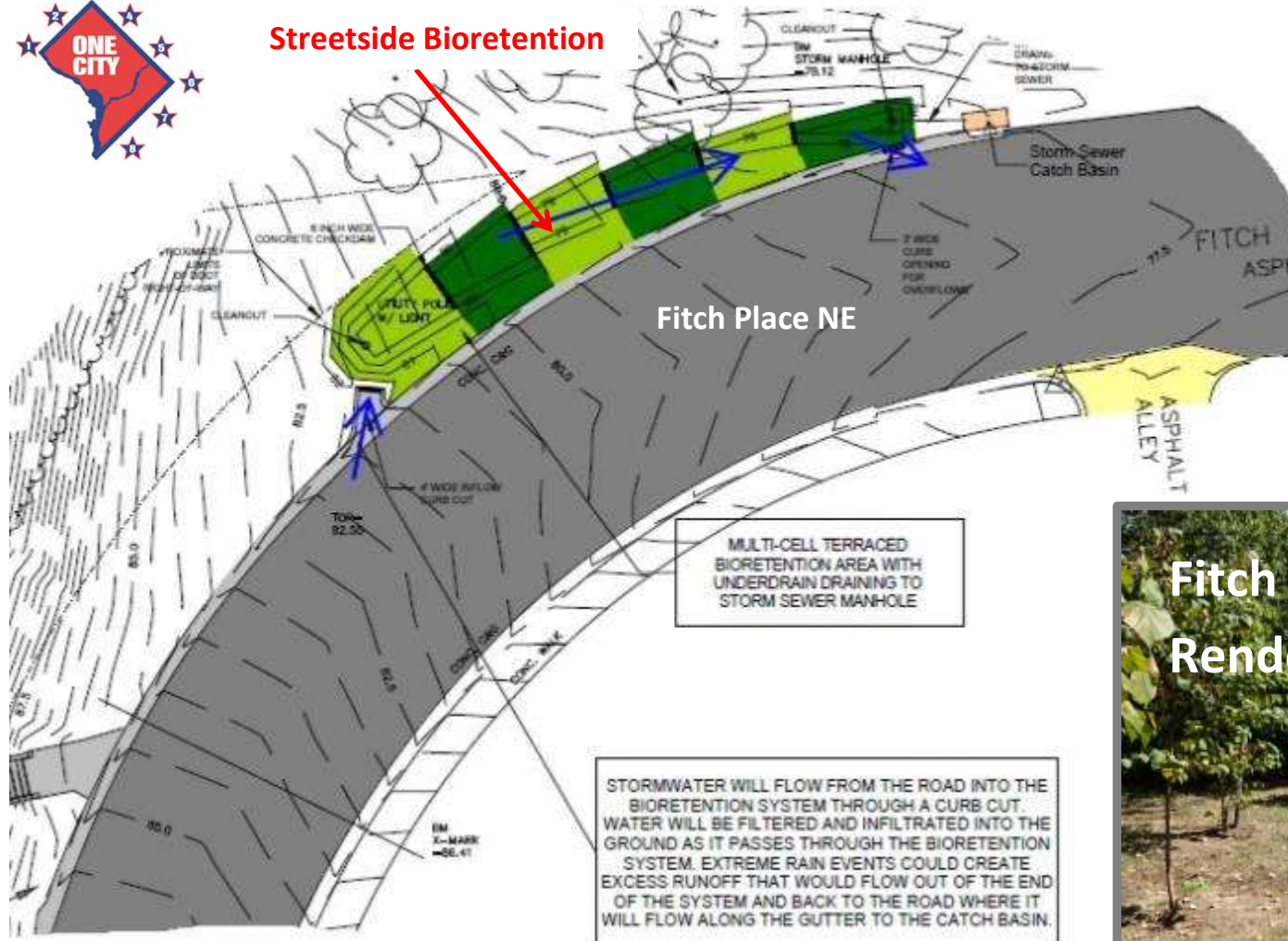
E. Beach Drive NW (Ward 4) - Curbless road with bioretention and permeable pavement next to park

Project Contact: Meredith Upchurch at meredith.upchurch@dc.gov or 202-671-4663

Project Website: <http://dashboard.ddot.dc.gov/ddotdashboard/#ProjectDetail/ItemID=10ProjectID=80PhaseID=2>



Streetside Bioretention



District Department of Transportation



Fitch Place Rendering



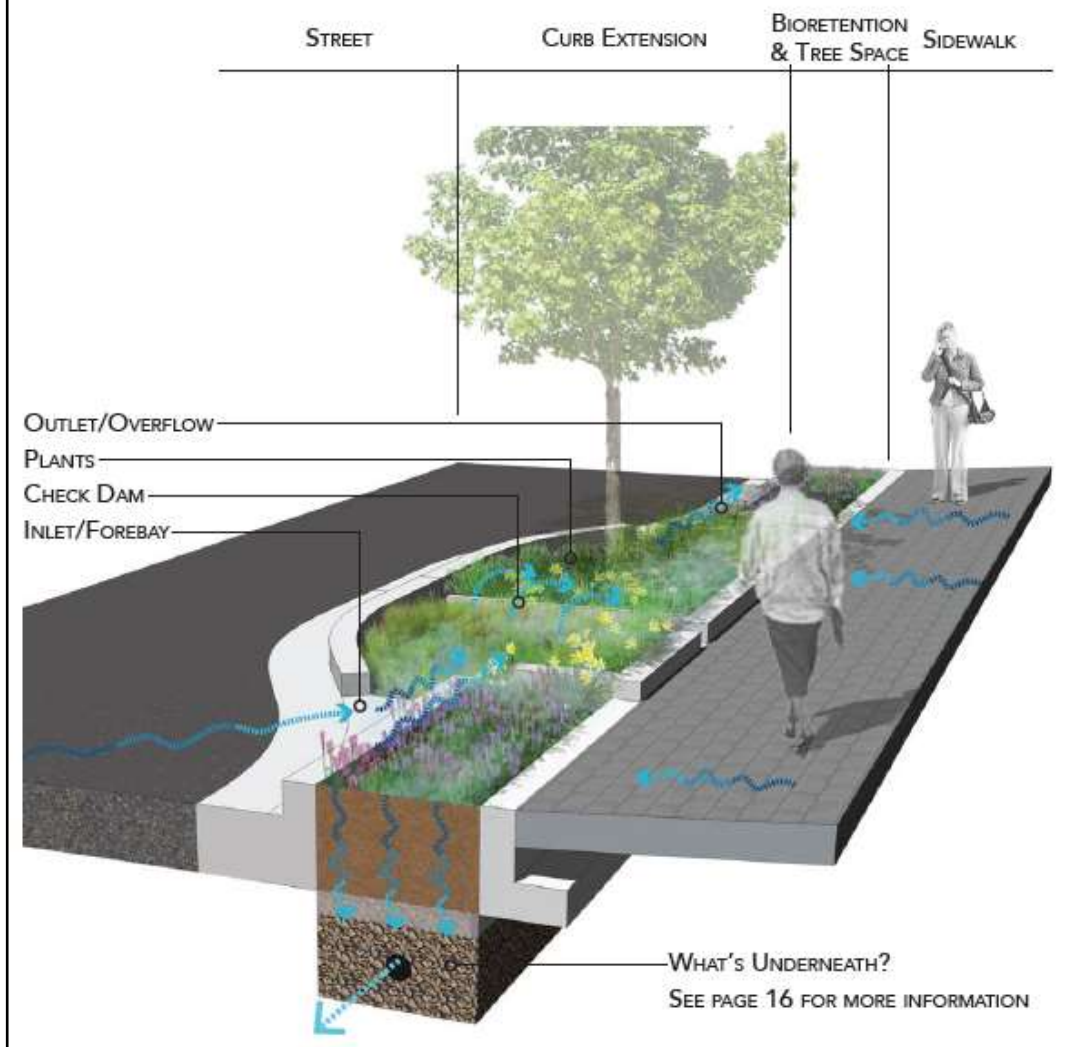
Fitch Place and Division Avenue NE Low Impact Development





Erie Street and Pomeroy Road SE
Low Impact Development

CURB EXTENSION BIORETENTION



Typical Cross Section of Permeable Paving

