



RECENTLY RESTORED SECTION OF THE UPPER LITTLE PATUXENT RIVER – JANUARY 2015

## Upper Little Patuxent Stream Restoration nearing completion

The construction phase of State Highway Administration's first Design-Build Stream Restoration project has been completed; preparation of as-built drawings and planting remain.

### Recent Progress:

- Grading of 3800 linear feet (lf) along the Little Patuxent and 600 linear feet along an unnamed tributary has been completed.
- Streambanks have been stabilized with coir fiber matting and temporary seed.

### Upcoming Work:

- As-built drawings will be prepared and submitted.
- Permanent seeding and reforestation will be installed in the spring of 2015.



Stabilized section of the recently restored Upper Little Patuxent River (Oct 2014)

### PROJECT AT A GLANCE

**LOCATION:** UPPER LITTLE PATUXENT RIVER IN HOWARD COUNTY, MD (ELlicOTT CITY)

**COST:** \$1.7 MILLION

**SHA PROJECT ENGINEER:** PHIL BRENTLINGER

**CONTRACTOR:** ECOTONE, INC.

**ANTICIPATED COMPLETION:** SPRING 2015

### PROJECT SCOPE

This stream restoration project consists of the design and construction of stream and floodplain improvements that will reduce erosion, excess sediments, nitrogen and phosphorus discharged to the Upper Little Patuxent River in Howard County. The project site extends approximately 3800 linear feet along the Little Patuxent River and 600 linear feet along an unnamed tributary to the Little Patuxent in the Gray Rock Drive area of Ellicott City. The project is part of SHA's efforts to implement the goals of the Federal Clean Water Act by completing initiatives that help filter runoff from roads and other impervious surfaces.

SHA will eliminate unstable stream banks and clear debris jams and other obstructions contributing to excessive erosion and sediment deposits. A combination of techniques including stream bank grading, installing log structures within the stream channel, and stabilization with trees, shrubs and herbaceous plants will be used to increase stream bank stability and ultimately improve water quality.

### PROGRESS

Design: 100 % Complete

Construction: 95 % Complete

### FOR MORE INFORMATION

Visit the project website at:  
<http://apps.roads.maryland.gov/WebProjectLifeCycle/ProjectInformation.aspx?projectno=HO2065113>

To submit comments or questions, see the feedback section on the website or call 410-480-8257