

COWHIDE BRANCH RETROFIT

Background

This project will restore and stabilize an eroding stream channel and remove a fish passage barrier along the Cowhide Branch, a tributary to Weems Creek. The project begins at the Annapolis Mall stormwater pond and ends at the stream's tidal interface with Weems Creek at the MD Route 50 bridge.

This is an integral component of the County's permitted obligation to identify and reduce pollutant sources to the Bay. Eroding and incised stream channels are a continuous source of sediment and nutrient pollution inhibiting the Bay's recover. The technique employed in this project, and throughout the County's stream restoration program, essentially raises the stream bed, thereby raising the groundwater levels providing for a series of sand and cobble step pools that filter the pollutants from the stream prior to its outfall to the Bay. Monitoring and evaluation of this technique has shown to be effective for removing pollutants, restoring groundwater levels, and improving habitat.

Benefits

- Stream channel stabilization
- Improve water quality
- Provide fish passage

Project Status

- Design complete
- Final right of ways being acquired



Project Information

Project Manager	Dennis McMonigle (410) 222-7908
Design Consultant	Underwood & Associates with Brightwater, Inc.
Contractor	TBD
Inspection Manager	TDB
Estimated Total Project Cost	\$2.3M
Design Notice to Proceed	September 2009
Construction Notice to Proceed	September 2010
Projected Completion Date	February 2011

For more information contact Customer Relations at 410-222-7582 or email us at customer@aacounty.org