

Blue Ridge Manor Stormwater Management Facility Retrofit

Background:

The Blue Ridge Manor subdivision was constructed in the early 1990s off of Clauser Court in New Windsor. Stormwater management was provided by a detention basin that is overgrown due to the unmaintainable steep slopes. This facility is located in the Double Pipe Creek Watershed.

Scope of Work:

The Carroll County Bureau of Resource Management partnered with the Town of New Windsor to hire an engineer to analyze the site and design a facility to meet all current State and County stormwater management standards. The facility will be converted to a surface sand filter. The facility will be designed to ensure that the 10-year storm peak flows from the entire drainage area will be captured and managed in the facility.

Carroll Land Services, Inc. was awarded the design contract in October of 2016.

Sequence of Construction:

Construction of the facilities was awarded to Thomas, Bennett & Hunter, Inc. in October of 2017. All necessary Federal and State permits were obtained for the project. Winter weather and the need for considerable blasting slowed the project's construction. The project wrapped up in May of 2018. The property on which the facility is located is owned and maintained by the Town of New Windsor.

The Bureau of Resource Management received \$225,490 from the Department of Natural Resources to use towards construction of this project.

Project Details:

Watershed:	Double Pipe Creek
Drainage Area:	31 acres
Impervious Surface Treated:	11.25 acres
Costs: Engineering	\$ 51,660.00
Construction	\$437,583.00
Time Frame:	18 Months

Submitted By:

Kelly Martin
Watershed Grants Technician









