

# Roberts Mill Stormwater Management Facility Retrofit

## **Background:**

The Bureau of Resource Management worked with the City of Taneytown to identify a project site where a retention facility could be constructed to provide water quality for the Upper Monocacy Watershed. O'Brien Street has two separate segments that were built as part of two subdivisions with a planned connection over the tributary that was never built. This project provided for the connection with a proposed bridge to be designed to serve as a control structure for the stormwater management facility.

## **Scope of Work:**

The new facility was sized to provide as much water quality as is feasible on the site, up to 2.5 inches over the impervious area, through the construction of a detention pond. Three outdated water quality facilities located on the project site were removed as part of the construction of the new facility. An existing instream detention facility was removed/replaced as part of the project.

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

## **Sequence of Construction:**

Construction of the facility was awarded to W.F. Delauter and Sons, Inc. in July of 2019. All necessary Federal and State permits were obtained for the project. There was considerable blasting associated with this project, and excess material was hauled to Memorial Park. The project wrapped up in the Summer of 2020.

The Bureau of Resource Management was awarded a \$75,000 engineering grant by the Maryland Department of the Environment. The Bureau received \$1,100,000 in a grant award from the Department of Natural Resources for the construction of this project.

## **Project Details:**

Watershed:	Upper Monocacy
Drainage Area:	303.6 acres
Impervious Surface Treated:	88.48 acres
Costs: Engineering	\$ 155,110.00
Construction	\$2,839,167.03
Bridge	\$ 515,090.05
Landscaping	\$ 12,275.00
Time Frame:	3 years 7 months

## **Submitted By:**

Kelly Martin  
Watershed Grants Technician









