

Elmer Wolfe Stormwater Management Facility Retrofit

Background:

The Elmer Wolfe Elementary School was constructed at 119 North Main Street, Union Bridge in 1998. Stormwater management for the site is provided by a detention basin located adjacent to the parking lot. The facility does not provide water quality treatment and was lined with a PVC liner due to the underlying geology. This facility is located in the Double Pipe Creek Watershed.

Scope of Work:

The Carroll County Bureau of Resource Management in partnership with the Carroll County Board of Education hired an engineer to analyze the site and design a facility to meet all current State and County stormwater management standards. The facility will be retrofitted with a modified surface sand filter to provide for water quality treatment.

Brudis & Associates, Inc. (BAI) was awarded the design contract in February of 2018.

Sequence of Construction:

Construction of the facility was awarded to Stambaugh Inc. in July of 2019. All necessary permits were obtained for the project. The project wrapped up in August 2019. The property on which the facility is located is owned and maintained by the Carroll County Board of Education.

Project Details:

Watershed:	Double Pipe Creek
Drainage Area:	9.78 acres
Impervious Surface Treated:	4.26 acres
Costs: Engineering	\$ 29,170.46
Construction	\$139,903.00
Time Frame:	18 months

Submitted By:

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