

WB&A TRAIL
Anne Arundel County, MD



WBCM designed new substructures and wrote specification for pre-fabricated truss superstructures for 2 new bridges for the hiker-biker trail. The trail is on old railroad ROW and the old bridge superstructure over the Little Patuxent River had been removed. New abutments were placed behind the existing abutments and a new 207' thru truss was specified. Bridge was raised from original alignment to place it above the 100 year flood elevation. The existing concrete rigid frame over a tributary of the Little Patuxent River had failed and it was replaced with a 60' truss designed for construction and maintenance vehicles in addition to the pedestrian loads. Existing high power electric lines within the ROW complicated construction.

Client: Anne Arundel County DPW
Total Construction Cost: \$1,085,000.00
Project Size: 207' thru truss bridge

WBCM Services: Bridge
Hydrology/Hydraulics
Surveying
Erosion and Sediment Control