

Lititz Run - Hurst/Wenger Property Stream Corridor and Floodplain Restoration

Warwick Township, Lancaster County, Pa.



AFTER

This section of Lititz Run, adjacent to the Warwick Township Riparian Park, was overly wide and shallow, the channel was full of sediment, and aquatic habitat had been degraded. LandStudies designed and created a project to restore 900 linear feet of stream corridor, which included relocating a 140-foot section of channel to the lowest part of the valley floor. The floodplain along the left bank was cut down to reattach it to the stream channel. Soils removed from the left bank were used to create, adjacent to the active channel, benches 12 to 18 inches above the baseflow elevation. The finished project, which included the planting of native woody and herbaceous wetland plants, resulted in the creation of new wetlands, the reduction of erosion and sedimentation within the channel itself, and the increased stability of this section of Lititz Run.



BEFORE