

# Culvert Replacement

Lewis Township Municipal Authority

Union County

## Bassett Engineering Inc.

**CONSTRUCTION COST:**  
**\$66,500**

**COMPLETION DATE:**  
**2011**

Project Team:  
Bill Scott, PE, CME

The Project included the removal of 23 foot long twin 57" wide x 38" long CMP Arch Culverts and replacing them with a 31.5 foot long x 15'-1" wide x 5'-8" high aluminum box culvert on the driveway leading into the Lewis Township Municipal Authority's Wastewater Treatment Plant. This project site required the excavation, removal, and replacement of the existing structure, stream channel improvements, site restoration, placement of rock and fill, and roadway restoration.

We worked closely with the Authority to replace the existing undersized twin-pipe culvert across the plant entrance driveway. This project entailed the replacement of the existing culvert, and possibly stabilization of the upstream channel and realignment of the driveway.

The project was awarded to Dave Gutelius Excavating, Inc. This contractor is located in Mifflinburg, PA and has been in business for 25 years. General character of work completed by this contractor includes excavations, utilities and paving.

**Before**



**After**



**Bassett Engineering Inc.**

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