



300 Cloverleaf Road, York, PA 17406  
[www.aaronenterprises.com](http://www.aaronenterprises.com)  
717-854-2641

**Project:** ECMS 74980 Ravine Street DSI Removal

**Location:** Pittsburgh, PA

**Project Details:**

Furnishing and installation of 235 LF of 48" diameter steel casing by trenchless methods. The crossing included soil stabilization along the bore path. AEI excavated a pit behind a slab on grade warehouse located adjacent to the main freight rails running along the Allegheny River into Pittsburgh. The crew installed a series of horizontal grout pipes and pumped a soil stabilizing grout to solidify the surrounding earth. A 48" hydraulic steer head was used to auger bore the casing into place. The storm water crossing ended along the embankment of the Allegheny River where a barge was used to remove the head and complete the outfall structure.

**Final Product:** Installed 235 LF of 48" steel casing via Auger Bore

**Geology:** Gravels



**Project Profile**

Auger Boring

**Completion Date**

February 2022

**Installation Methods:**

Auger Boring  
Guided Bore  
Soil Stabilization

**Markets Served:**

Storm Water



**Owner:**

PENNDOT

**Engineer:**

Michael Baker International, Inc.

**Contractor:**

A. Merante Contracting

**For More Information:**

Robert L. McDowell, PE - Project Manager - (717) 854-2641 ext. 230  
Reference Job # 2029028

