



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

**Project:** ECMS 95444  
**Location:** Bristol, PA

**Project Details:**

A roadway reconstruction project north of Philadelphia included two jacked pipe crossings under Interstate 95. The design called for implementation of a soil improvement program. Aaron Enterprises, Inc. injected chemical grout vertically around the perimeter of the jacking pits and horizontally along the path of the proposed crossings prior to installation of the RCP. An Akkerman Tunnel Boring Machine was used to jack the concrete pipe into place. After installation, the crew back grouted the pipes to assure no voids were left around the pipe perimeter.

**Final Product:** 207 LF of 72" RCP and 172 LF of 54" RCP for Storm Water Management

**Geology:** Wet, gravely sand

**Project Profile**

Pipe Jacking & Tunneling

**Completion Date**

May 2019

**Installation Methods:**

- Tunnel Boring
- Soil Stabilization
- Pipe Jacking & Tunneling
- Grouting

**Markets Served:**

- Storm Water
- Transportation
- Heavy Civil Construction



**Owner:**

PennDOT

**Engineer:**

Gannett Fleming, Inc.

**Contractor:**

James D. Morrissey, Inc.

**For More Information:**

Robert L. McDowell, PE - Project Manager - (717) 854-2641 ext. 230  
 Reference Job # 1515628

