



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

**Project Profile**

Pipe Jacking & Tunneling

**Completion Date**

May 2019

**Installation Methods:**

Tunnel Boring  
 Grouting

**Markets Served:**

Sewer & Water  
 Transportation  
 Heavy Civil Construction

**Project:** North George Manchester Sewer

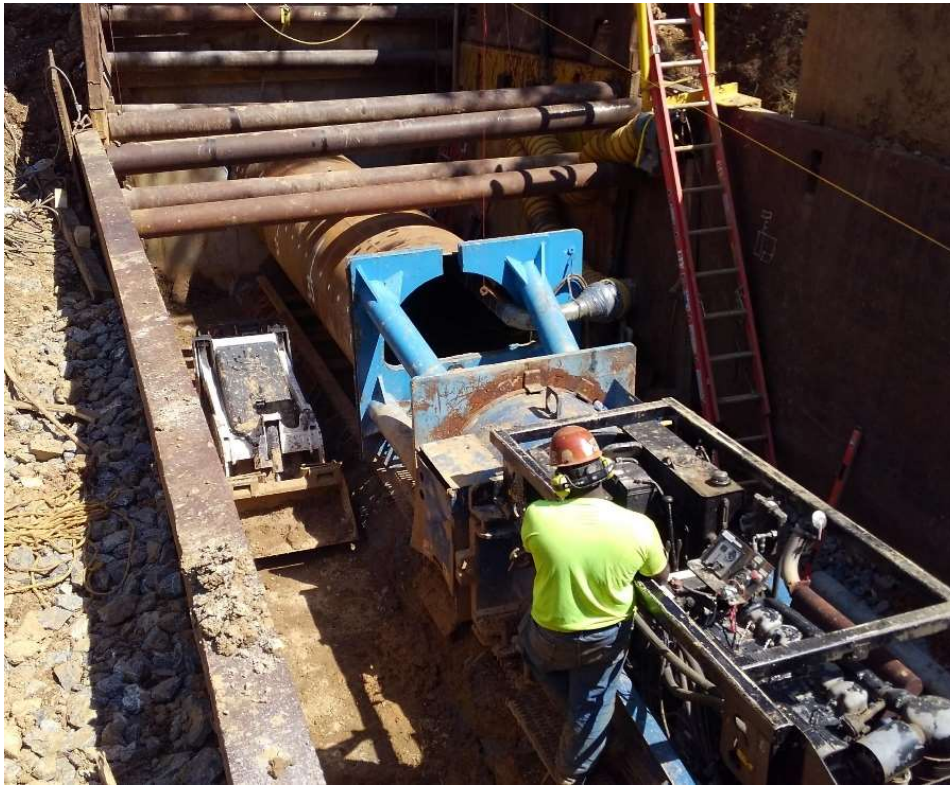
**Location:** York, PA

**Project Details:**

Three crossings under Interstate 83, Lightner Rd. and Toronita St. were needed to install a 30" trunk sewer line to a city sewer plant. The three crossings required the use of a 54" diameter tunnel boring machine (TBM) with a rock/mixed face. A conventional boring machine in the launch pits provided the jacking thrust as well as the torque for an auger driven spoil tube muck removal system. Over 800 LF of 54" diameter steel casing was installed for this project.

**Final Product:** 30" Ductile Iron Pipe for Sanitary Sewer

**Geology:** Mixed fill with Boulders



**Owner:**

Manchester Township Municipal Authority

**Engineer:**

CS Davidson, Inc.

**Contractor:**

EK Services, Inc.

**For More Information:**

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 Reference Job # 1811629

