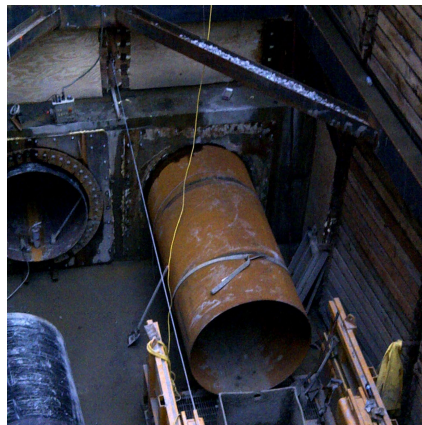


## OSU Chilled Water Microtunnel Columbus, OH



### PROJECT OVERVIEW AND CHALLENGES

As part of a major construction project at the Ohio State Medical Center, new chilled water distribution pipelines were designed under the very busy and congested campus. The design included twin pipe-jacked casings under the areas where trenching would have been untenable. Microtunneling was specified. Bradshaw installed 4 microtunnels through glacial deposits below the groundwater table.



### PROJECT INFORMATION - 509

**OWNER:**

Ohio State University  
Mark Hartman  
(614) 292-7822

**ENGINEER:**

RMF Engineering  
Ken Balenske  
(410) 576-0505

**CONTRACTOR:**

Turner Construction Company

**COMPLETION DATE:**

3/8/2012

**GEOLOGY:**

Sand, Gravel, Cobbles & Boulders

**EXCAVATION METHOD:**

Herrenknecht AVN-1200TC MTBM

**MINING DIMENSIONS:**

648' x 60.5" Ø

**FINAL LINING:**

60" Steel Casing

**FOR MORE INFORMATION:**

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(410) 970-8300  
eeisold@bradshawcc.com  
Refer to Project 509