# **Project Profile: MICROTUNNELING**



## **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:

Eric Eisold, Vice President (410) 970-8300 eeisold@bradshawcc.com Refer to Project 509