Project Profile: MICROTUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

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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Refer to Project 509