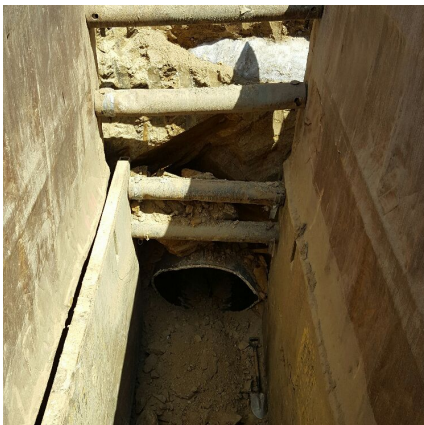


Glenmont Rock Handmine Wheaton, MD



PROJECT OVERVIEW AND CHALLENGES

Our client had concerns about breaking rock with a hoe ram so close to an existing water main. Instead, Bradshaw installed two tunnels hand mined through rock under the existing water main. The first one went so well that a second tunnel was added after the first one was completed. The rock was removed via drilling and splitting with pneumatic breakers, and then a steel sleeve was installed as a casing for the carrier pipe.



PROJECT INFORMATION - 559

OWNER:

Winchester Homes
301-803-4800
info@winchesterhomes.com

ENGINEER:

N/A

CONTRACTOR:

Utilities Unlimited, Inc.

COMPLETION DATE:

4/15/2016

GEOLOGY:

Rock

EXCAVATION METHOD:

Handmine

MINING DIMENSIONS:

7' & 15' x 36" x 36"

FINAL LINING:

52.5" Steel Casing

FOR MORE INFORMATION:

Doug Piper, Project Manager
410-970-8300
dpiper@bradshawcc.com
Refer to Project 559