

Johns Hopkins Hospital Nelson Harvey Extension Enhancements, Wolfe Street Baltimore, MD



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction was contracted to hand mine a 48 inch by 48 inch wood box tunnel to house a 10 inch polyvinyl chloride pipe and an 18 inch ductile iron pipe. Unanticipated rock was encountered during mining and was removed with pneumatic chisels and hammers. The tunnel was performed due to the close proximity of existing buildings and structures which did not allow for open cut techniques.



PROJECT INFORMATION - 537

OWNER:

Johns Hopkins Hospital
410-955-5000

ENGINEER:

RK&K Engineers
410-728-2900

CONTRACTOR:

Iacoboni Site Specialists, Inc.

COMPLETION DATE:

6/30/2014

GEOLOGY:

Rock, Sand

EXCAVATION METHOD:

Hand Mine

MINING DIMENSIONS:

60' x 48" x 48" & 25' x 48" x 48"

FINAL LINING:

10" Polyvinyl Chloride Pipe
18" Ductile Iron Pipe

FOR MORE INFORMATION:

Doug Piper, Project Manager
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Refer to Project 537