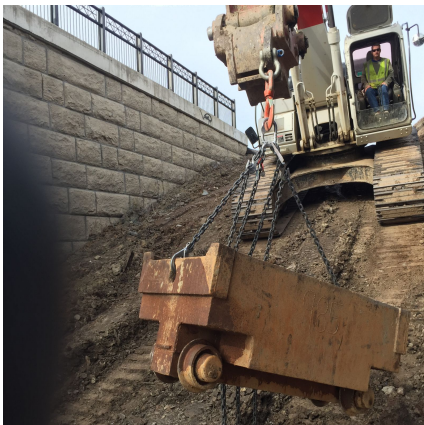


## DLCO Bates Street Tunnel (Carson Circuit) Pittsburgh, PA



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction Corp. has recently completed the installation of 58 linear feet of 48 inch wood box tunnel as part of Duquesne Light's Carson Circuit Project in Pittsburgh, PA. The tunnel was hand mined under Bates Street in soil that consisted primarily of decomposed shale.



### PROJECT INFORMATION - 555

#### OWNER:

City of Pittsburgh  
Department of Public Works  
412-255-8850

#### ENGINEER:

Duquesne Light  
412-393-6000  
dlc\_ssc@duqlight.com

#### CONTRACTOR:

Casper Colosimo & Sons, Inc.

#### COMPLETION DATE:

12/4/2015

#### GEOLOGY:

Decomposed Shale

#### EXCAVATION METHOD:

Hand Mine

#### MINING DIMENSIONS:

58' x 53" x 52"

#### FINAL LINING:

Wood Box

#### FOR MORE INFORMATION:

Doug Piper, Project Manager  
410-970-8300  
dpiper@bradshawcc.com  
Refer to Project 555