Project Profile: HAND TUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

Lafayette Street Pedestrian Tunnel
Tallahassee, FL



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction built a 55' long hand mine liner plate tunnel for Florida State University to prevent pedestrian overflow onto Lafayette Street after FSU football games. Bradshaw has a long history of building liner plate tunnels; what made this project unique was the active CSX railroad tracks only 6.5' overhead. Trains traveled over the tunnel many times per day during construction. Carrier beams and temporary bulkheads were used to augment the structural integrity of the unfinished tunnel while trains traveled overhead. Construction on this tunnel was conducted around the clock and the tunnel was completed in an expedient manner. The project was "runner-up" for project of the year by the Florida Transportation Builders Association (FTBA) in 2011.





PROJECT INFORMATION - 498

OWNER:
State of Florida
Department of Transportation
850.922.1905

ENGINEER:
Nobles Consulting Group, Inc.
Will Adams
850.536.8102

CONTRACTOR:
Superior Construction Corporation

COMPLETION DATE:
12/4/2010

GEOLOGY:
Clay

EXCAVATION METHOD:
Hand Mine

MINING DIMENSIONS:
55' x 144" Ø

FINAL LINING:
2-Flange Liner Plate with Bituminous Coating

FOR MORE INFORMATION:
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Refer to Project 498