

## 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