

## UVA Steam Tunnel and Storm Drain Charlottesville, VA



### PROJECT OVERVIEW AND CHALLENGES

Steam distribution and storm drain improvements necessary at the University of Virginia were awarded to Bradshaw Construction. The work included jacking 480 feet of 84" RCP and 676 feet of 48" RCP as well as 3 cast-in-place structures & 3 precast manholes. Jet grouting was also used to stabilize a portion of the tunneling.



### PROJECT INFORMATION - 400

#### OWNER:

University of Virginia  
Facilities  
Chuck Boldt  
434.924.1777  
boldtc@yahoo.com

#### ENGINEER:

RMF Engineering  
Ken Balenske  
410.576.0505  
balenskeke@rmf.com

#### CONTRACTOR:

Bradshaw Construction Corporation

#### CONTRACT VALUE:

\$4.4M

#### COMPLETION DATE:

7/14/2004

#### GEOLOGY:

Residual Soils & Partially Weathered  
Rock

#### EXCAVATION METHOD:

Lovat TBM  
Akkerman TBM

#### MINING DIMENSIONS:

61", 102.5"

#### FINAL LINING:

48" RCP  
84" RCP

#### FOR MORE INFORMATION:

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Refer to Project 400