

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
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ENGINEER:

RMF Engineering
Ken Balenske
410.576.0505
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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