

## College of William & Mary Historic Campus Utility Improvements, Ph 1, Water Distribution Lines

Williamsburg, VA



### PROJECT OVERVIEW AND CHALLENGES

The project for the College of William and Mary involved the construction of twin 600' by 60" diameter runs. 48" ID RCP was jacked behind a 60" diameter Akkerman TBM. Ground conditions encountered on the job included clay with some wet sand layers. The tunnels were used for steam and chilled water lines.



### PROJECT INFORMATION - 499

#### OWNER:

College of William & Mary  
Historic Campus  
757.221.2270

#### ENGINEER:

RMF Engineering Inc.  
John Williamson  
410.576.0505

#### CONTRACTOR:

Mid Atlantic Infrastructure

#### COMPLETION DATE:

9/20/2010

#### GEOLOGY:

Clay, Wet Clay

#### EXCAVATION METHOD:

Akkerman WM 48C w/ Wheel TBM

#### MINING DIMENSIONS:

600' & 600' x 60"Ø

#### FINAL LINING:

48" Reinforced Concrete Pipe

#### FOR MORE INFORMATION:

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Refer to Project 499