

## Briar Creek Sewer Phase 1B Eastover Apartments Tunnel Charlotte, NC



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction Corp. has completed a 700 foot long by 101" diameter rib-and-board tunnel that was originally designed as a 25 to 40 deep cut-and-cover trench. The tunnel was advanced with a 101" diameter digger shield. 60" diameter Fiber Reinforced carrier pipe was installed, blocked and grouted in the tunnel.



### PROJECT INFORMATION - 467

**OWNER:**

Charlotte-Mecklenburg  
Utility Department  
George Jones  
704-399-2221

**ENGINEER:**

CDM  
Chris Kolkhorst  
704-342-4546

**CONTRACTOR:**

Rockdale Pipeline, Inc.

**COMPLETION DATE:**

8/29/2008

**GEOLOGY:**

Sand, Silt, Trace Clay, Chert, Small  
Rock Fragments

**EXCAVATION METHOD:**

Akkerman 101.5" OD Backhoe  
Shield  
EX50 Excavator

**MINING DIMENSIONS:**

692' x 101.5" Ø

**FINAL LINING:**

60" Fiber Reinforced Plastic

**FOR MORE INFORMATION:**

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Refer to Project 467