

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