

PROJECT > Norfolk Southern Railroad Heartland Corridor Tunnel Expansion

Western Virginia & Southern West Virginia



PROJECT START DATE:

Spring 2008

PROJECT COMPLETION DATE:

Fall 2010

PROJECT DESCRIPTION:

Roof replacement and linear notch expansion of 27 railroad tunnels along Norfolk Southern's Heartland Corridor. The \$150 million project utilizes QUIKRETE® Shotcrete MS - Fiber Reinforced for structural tunnel repair and roof expansion, QUIKRETE® Core Fill Grout for void filling and QUIKRETE® Precision Non-Shrink Grout to set 18 foot long roof anchors. QUIKRETE® Shotcrete MS - Fiber Reinforced exceeds 9000 PSI (62 MPa) compressive strength in 28 days with virtually no rebound.

OWNER: Norfolk Southern Railroad

CONTRACTOR: Johnson Western Gunitite
LRL Construction Co.
RJ Corman Railroad Co.



QUIKRETE® PRODUCTS USED:

- 3000 lbs Shotcrete MS - Fiber Reinforced
- 3000 lbs Non Shrink Precision Grout
- 3000 lbs Core Fill Grout

TOTAL: 16,950 BULK BAGS



*Shotcrete MS - Fiber Reinforced >
Product No. 1229*

*Non-Shrink Precision Grout >
Product No. 1585*

*Core Fill Grout >
Product No. 1587*

