PROJECT > Norfolk Southern Railroad Heartland Corridor Tunnel Expansion

Western Virginia & Southern West Virginia

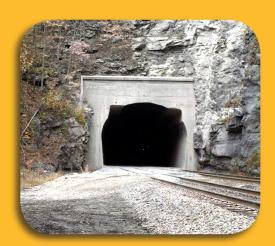




PROJECT START DATE: Spring 2008

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 Gunite 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

