

PROJECT > VDOT Jersey Barrier Replacement

Non-Shrink Precision Grout
Richmond, VA



PROJECT DESCRIPTION:

The northeastern bypass around Richmond, Virginia, Interstate 295 features exterior concrete Jersey barriers to prevent troubled vehicles from running off the road. The Virginia Department of Transportation (VDOT) recently replaced a half-mile stretch of the old concrete Jersey barriers near the Witch Duck exit to improve safety going both east and west bound on I-295. QUIKRETE® Non-Shrink Precision

Grout was poured into one-inch channel cut along the edge of the road before the new concrete Jersey barriers were inserted on top. A small notch on the bottom of the 20 foot barriers adhered to the QUIKRETE® Non-Shrink Precision Grout in the channel locking them in place.

QUIKRETE® Non-Shrink Precision Grout is a high-strength, Portland cement-based grout with a 25 minute working time, making it ideal for use in applications where multiple anchors are required. Non-Shrink Precision Grout achieves 12,500 PSI compressive strength in 28 days and a pull-out strength exceeding 35,000 PSI.

CONTRACTOR: EV Williams

QUIKRETE® PRODUCTS USED:

- 3,000 lb Non-Shrink Precision Grout : 86 bulk bags

PROJECT START DATE:

September 2012

PROJECT COMPLETION DATE:

October 2012

