

PROJECT > Newport Bridge Deck Repair

QUIKRETE® Rapid Road Repair – Extended, QUIKRETE® 5000 Concrete Mix
Newport, RI



PROJECT DESCRIPTION:

Also known as the Claiborne Pell Bridge, the Newport Bridge is a nearly 3,500-meter suspension bridge that connects the City of Newport on Aquidneck Island and the Town of Jamestown on Conanicut Island. Operated by the Rhode Island Turnpike and Bridge Authority (RITBA), Atena Bridge used QUIKRETE® Rapid Road Repair – Extended and QUIKRETE® 5000 Concrete Mix to repair and reinforce deteriorating areas in each span of the bridge, which is one of the 100 longest suspension bridges in the World.

QUIKRETE® Rapid Road Repair – Extended is a fast-setting material specifically designed for use as a full-depth repair material on bridge decks, concrete highways and other industrial structures. Made from specially-formulated fast setting cements, graded fine and coarse aggregates QUIKRETE® Rapid Road Repair - Extended provides a permanent repair. The material also contains alkali resistant (AR) glass fibers for improved performance essential for applications involving severe vibration such as bridge deck repairs. QUIKRETE® Rapid Road Repair - Extended, which reaches 2,000 PSI in 90 minutes and 6,000 PSI in 28 days.

QUIKRETE® 5000 Concrete Mix is a commercial grade blend of stone or gravel, sand and cement for any concrete use requiring high early strength and rapid strength gains including cold weather applications. It has a walk-on time of 10 - 12 hours and can be used for any application requiring concrete in a minimum thickness of 2" (51mm) like slabs, footings, steps, columns, walls and patios.

CONTRACTOR: Atena Bridge

QUIKRETE® PRODUCTS:

- 80 lb Rapid Road Repair – Extended: 3,136 bags
- 80 lb QUIKRETE® 5000: 336 bags

PROJECT START DATE:

October 2014

PROJECT COMPLETION DATE:

November 2014

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QUIKRETE® 5000 Concrete Mix >>

