

PROJECT > SCDOT Bridge Deck Repair Interstate 385

FastSet™ DOT Mix - Extended
Northwest South Carolina



PROJECT DESCRIPTION:

Originally built as a two-lane highway in 1955, Interstate 385 connects Greenville and Clinton in the Northwest South Carolina. After 55 years and more than 40,000 vehicles traveling this road each day, it was inevitable that the bridges along this route would require extensive restoration. QUIKRETE® FastSet™ DOT Mix – Extended was used for full-depth repair of 11 bridge decks because it minimized

disruption to traffic and allowed Interstate 385 to remain open during prime commuting times. All the work on the project, which was completed in just 30 days, was done between 10 p.m. – 5 a.m. each day.

QUIKRETE® FastSet™ DOT Mix – Extended is a rapid hardening, fiber reinforced repair material that is pre-extended with coarse aggregate making it ideal for use in applications from 1 ½” to 24” thick. QUIKRETE® FastSet™ DOT Mix is formulated to provide 20-30 minutes of working time, which is more than adequate for mixing and placement. The material exceeds 3,000 PSI compressive strength in 90 minutes, 4,500 PSI in three hours and more than 10,000 PSI in 28 days.

CONTRACTOR: Rea Construction

SUB-CONTRACTOR: Extreme Concrete Cutting

PROJECT START DATE:

October 2012

PROJECT COMPLETION DATE:

November 2012

QUIKRETE® PRODUCTS USED:

- 80 lb FastSet™ DOT Mix - Extended : 4,500 bags

