



## I-40 BRIDGE DECK - MINERAL SPRINGS, NC

### PROJECT DESCRIPTION

Many State Department of Transportations across the United States are specifying macro synthetic fiber technology in bridge decks as well as many other applications. The local FORTA representative presented macro synthetic fiber technology to North Carolina Department of Transportation (NCDOT) officials for consideration and convinced NCDOT to try FORTA-FERRO. **NCDOT was looking to control micro cracking and shrinkage cracking in a new bridge deck off Exit 112 on the I-40 Westbound Lane in Mineral Springs, NC. A fiber dosage of 5.0 lb/cu yd of FORTA-FERRO fibers and a shrinkage reducing admixture was added to the regular bridge deck concrete mix. NCDOT pumped the concrete in the bridge deck and were pleased with the mix and finish of FORTA-FERRO fibers.**

### KEY POINTS

- Reduced Shrinkage Cracking
- Superior Finish
- Increased Durability

### DETAILS

**Date:** 2019

**Location:** Mineral Springs, NC

**Dosage:** 5.0 lb/cu. yd.

**Fiber:** FORTA-FERRO® 2-1/4"

Contact us for more details