



2016



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2019

## TERRAPIN TRAIL - ORRVILLE, OH

### PROJECT DESCRIPTION

For the past 6 years, the City of Orrville, OH, has successfully used FORTA-FERRO® macro synthetic fibers at 4.0 lbs./cu. yd., for their new city street reconstruction projects. They have successfully eliminated the use of traditional steel reinforcement and the need for placing dowel baskets at the transverse joints. This has resulted in **reduced curling at the joints as well as less mid-panel cracking**. By using a dosage of 5.0 lbs. / cu. yd. of FORTA-FERRO® for this project, the transverse joints were extended from 15' to 30' with no dowel baskets. The owner and city plan to monitor the pavement over a period of time.

### PROJECT UPDATE

Three years after completion, the fiber reinforced roadway is exceeding expectations.

### KEY POINTS

- Reduced Curling at Joints
- Tougher Concrete
- Reduced Future Repair and Labor Costs

### DETAILS

**Date:** Fall 2015

**Location:** Orrville, OH

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

**Fiber:** FORTA-FERRO® 2-¼"

**Owner Type:** Individual

**Application:** Pavement

Contact us for more details