



## I-84 BRIDGES - BAKER CITY, OR

### PROJECT DESCRIPTION

The bridges on I-84 at Pleasant Valley and Alder Creek needed demolished and reconstructed. Oregon Department of Transportation (ODOT) chose to use FORTA-FERRO macro synthetic fibers for this 2,000-cu yd project with a fiber dosage of 5.0 lb/cu yd. This was the first use of FORTA-FERRO by ODOT. The intended overlay that was being applied was to be 2 in thick concrete which would have been too thin of a cross section to reliably place traditional steel reinforcement. Using the fibers meant the overlay would have **full depth reinforcement** while also **saving time and money** by forgoing steel costs and placing methods. The fibers would also help **reduce potential cracking** as well as aid in **holding any cracks tightly together** that may appear.

### KEY POINTS

- Reduced Shrinkage Cracking
- Save Time
- Cost Effective

### DETAILS

**Date:** 2018

**Location:** Baker City, OR

**Dosage:** 5.0 lb/cu yd

**Fiber:** FORTA-FERRO® 2-1/4"

Contact us for more details