FORTA
FORTA-FERRO®

PROJECT PROFILE | PAVEMENT

MIDDLE STREET BUS TRANSIT CENTER - HONOLULU, HI

PROJECT DESCRIPTION

The Middle Street Bus Transit Center in Honolulu, HI is located on poor expansive soil. While fibers were included in the specification for the transit center's slab-on-ground, the original slab design called for #4 rebar spaced at 12" on center. With the assistance of knowledgeable FORTA staff, the engineer chose to add FORTA-FERRO at a dosage of 7.5 lb/cu yd in conjunction with the #4 rebar. The addition of **FORTA-FERRO allowed the engineer to extend the rebar spacing to 24" on center**. This "belt and suspenders" design provides greatly **improved curling and crack reduction,** as well as **adds impact resistance and toughness to the concrete**, which the rebar alone cannot provide. This project demonstrates how well FORTA-FERRO performs in many different areas.

KEY POINTS

- Reduced Shrinkage Cracking
- Save Time
- Save Money

DETAILS

Date: 2010
Location: Honolulu, HI
Dosage: 7.5 lb/cu yd
Fiber: FORTA-FERRO® 2-¼"

Contact us for more details