

This presentation reviews current pavement designs and issues, and presents a macro fiber alternative to reduce pavement cracking, curling, and faulting. The program also includes the background and data from the extensive 3-year fiber-pavement toughness and fatigue research conducted at the Louisiana Transportation Research Center arm of the Louisiana Department of Transportation. The LTRC research premise of joint-free, high-fiber pavement design is revealed, along with project case histories of both normal-joint and extended-joint fiber-reinforced pavements.

PROGRAM: "FRC - Pavements" - Part 7

CREDIT: 1 Continuing Education Unit

LENGTH: 60 minutes

COST: No charge for qualified groups

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In this seminar, you will:

- Review historic pavement issues
- Review current pavement design methods
- Understand the implications of the LTRC fiber toughness and fatigue research program for a possible new pavement design
- Review an extensive collection of both normal-jointed and extended-joint fiber-reinforced concrete pavement projects
- Understand the dosage-based, macro fiber options for pavements using low, medium, and high fiber dosages

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