

Concrete Pavement Pooled Fund Studies Led by the Iowa Department of Transportation

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ABSTRACT

This presentation will provide an overview of several pooled fund studies being led by the Iowa Department of Transportation and conducted at Iowa State University:

- Material and Construction Optimization for the Prevention of Premature PCC Pavement Distress (FHWA, 17 state DOTs, private industry)
- Deicer Scaling Resistance of Concrete Pavements, Bridge Decks, and Other Structures Containing Slag Cement (FHWA, 7 state DOTs, Slag Cement Association)
- Self-Consolidating Concrete Applications for Slip-Form Paving (FHWA, 4 state DOTs, private industry)
- Development of Performance Properties of Ternary Mixes
- PCC Surface Characteristics: Tire-Pavement Noise Program Part 3—Innovative Solutions/Current Practices

Key words: concrete pavement research—pooled fund studies