

**COURSE NUMBER**

FHWA-NHI-134098

**COURSE TITLE****TCCC Construction of Concrete Pavements - WEB-BASED**

This training is provided by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI to review integrated materials and construction practices for concrete pavement. The training was developed by the National Concrete Pavement Technology Center at Iowa State University. This training is recommended for the Transportation Curriculum Coordination Council levels II, III, and IV

This module covers construction operations and establishes important ties to design and materials.

This module is part of a curriculum from the "Integrated Materials and Construction Practices for Concrete Pavement" manual developed through the National Concrete Pavement Technology Center at Iowa State University. The other Web-based training modules include:

- FHWA-NHI-134075 TCCC Hardened Concrete Properties - Durability
- FHWA-NHI-134084 TCCC Fundamentals of Materials Used for Concrete Pavements
- FHWA-NHI-134085 TCCC Incompatibility in Concrete Pavement Systems
- FHWA-NHI-134087 TCCC Mix Design Principles
- FHWA-NHI-134095 TCCC Early Age Cracking
- FHWA-NHI-134096 TCCC Basics of Cement Hydration
- FHWA-NHI-134097 TCCC Fresh Concrete Properties
- FHWA-NHI-134100 TCCC QCQA for Concrete Pavements
- FHWA-NHI-134101 TCCC Design of Pavement
- FHWA-NHI-134102 TCCC Troubleshooting for Concrete Pavements

OUTCOMES

Upon completion of the course, participants will be able to:

- Recognize the principles of good quality Portland cement concrete pavement construction
- Identify proper material handling
- Describe the importance of the design and mixing of Portland cement concrete
- Recognize when field adjustments may be necessary
- Describe paving operations including placing, finishing, curing, and sawing concrete

TARGET AUDIENCE

This training is designed for FHWA, State, and local agencies and their industry counterparts involved in the plant manufacturing process, delivery, placement, and inspection of Portland cement concrete paving.

TRAINING LEVEL: Intermediate

FEE: 2013: \$0 Per Person; 2014: N/A

LENGTH: 1 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

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