Course Number

FHWA-NHI-131126I

New Training WBT

Course Title

TCCC Joint Sealing and Crack Resealing - WEB-BASED

This training was prepared by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI to provide guidance on critical concrete pavement preservation issues. The training was sponsored by the FHWA and developed by the National Concrete Pavement Technology Center at Iowa State University. This training is offered by NHI, and we would like to give special recognition to the TCCC for their efforts. This course is recommended for the Transportation Curriculum Coordination Council levels I - IV.

This module covers joint resealing and crack sealing for concrete pavements. Joint resealing and crack sealing is defined as placement of an approved sealant material in an existing joint or crack to reduce moisture infiltration and prevent intrusion of incompressibles.

This module is part of the curriculum from the Concrete Pavement Preservation Series (FHWA-NHI-131126) which presents current guidelines and recommendations for the design, construction, and selection of cost-effective concrete pavement preservation strategies. The other Web-based training modules include:

FHWA-NHI-131126A Preventive Maintenance and Pavement Preservation Concepts

FHWA-NHI-131126B Concrete Pavement Evaluation

FHWA-NHI-131126C Slab Stabilization and Slab Jacking

FHWA-NHI-131126D Partial-Depth Repairs

FHWA-NHI-131126E Full-Depth Repairs

FHWA-NHI-131126F Retrofitted Edge Drains

FHWA-NHI-131126G Load Transfer Restoration

FHWA-NHI-131126H Diamond Grinding and Grooving

FHWA-NHI-131126J Strategy Selection

Outcomes

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

- List the benefits of joint resealing
- Describe desirable sealant properties and characteristics
- Describe recommended installation procedures
- Identify typical construction problems and appropriate remedies

Target Audience

The intended audience for the Concrete Pavement Preservation Web-based Training is quite diverse, and includes design engineers, quality control personnel, contractors, suppliers, technicians, and trades people. While the course is aimed at those who have some familiarity with concrete pavements and pavement preservation, it should also be of value to those that are new to the field. In addition, our target audience could be geographically dispersed, in need of immediate training or information, or not have access to travel funds.

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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