



COURSE NUMBER

FHWA-NHI-131122

COURSE TITLE

Portland Cement Concrete Paving Inspection



This training is provided by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI to review inspection practices for Portland cement concrete paving projects. The training was originally developed by the Iowa Department of Transportation and more currently updated and reviewed by the TCCC and NHI. This course is recommended for the Transportation Curriculum Coordination Council levels I and II. This course is primarily intended for inspectors and technicians.

This training course has been prepared to provide guidance and instruction to inspectors involved in the construction of Portland cement concrete (PCC) pavements. The important tasks involved in this work are explained and proper procedures are described. The material is targeted for those who have not had experience in PCC paving construction.

OUTCOMES

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

- Identify the materials in a PCC mixture and the concrete properties
- Comprehend Design Project Plans and recognize the joints types and saw cuts
- Identify the safety requirements and recognize safe Traffic Control practices
- Recognize and comprehend the use of the equipment in a PCC Paving project
- Recognize various sub grade treatments
- Inspect project tasks for compliance with pre-paving requirements, i.e., survey stakes, proof rolling, subgrade, and dowel baskets
- Inspect project tasks for compliance with PCC Paving requirements, i.e., string line, place and consolidate, finish, and texture
- Perform post-construction checks

TARGET AUDIENCE

This training is designed for FHWA, State, and local agencies and their industry counterparts involved in the process of placement and inspection of Portland cement concrete paving. It is applicable to anyone desiring a better understanding of activities and inspection procedures on Portland cement concrete paving projects.

TRAINING LEVEL: Intermediate

FEE: 2019: \$50 Per Person; 2020: N/A

LENGTH: 5 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

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