

**COURSE NUMBER**

FHWA-NHI-134114

**COURSE TITLE****Inspector Training for Cold In-Place Recycling (CIR) - WEB-BASED**

Cold In-place Recycling (CIR) is a method of reconstructing any flexible pavement where the need arises from structural failures. These failures include: transverse cracking, wheel rutting, potholes, surface irregularities, or a combination of the above.

The proper selection of a CIR process in conjunction with good specifications and quality construction are all equally important in the long-term performance of the pavement rehabilitation.

This series on CIR will introduce each method and provide a background on when, how, and why that method is selected/used.

This training is meant to provide an overview of CIR, including an explanation of the pre-production inspection, completing the control strip, full production of the mix, mix placement, curing and maintenance, acceptance testing, and measurement and payment. This course contains 3 modules:

Module 1: Introduction to Cold In-Place Recycling

Module 2: Cold In-Place Recycling Full Production

Module 3: Cold In-Place Recycling Post Production

This course will provide the inspector with a background and proper inspection procedures when placing cold-in-place hot mix asphalt.

OUTCOMES

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

- Explain what Cold In-Place Recycling (CIR) is, and why it is used
- Describe what happens during pre-production
- Explain how the control strip helps determine compaction procedures and why it is needed
- Identify the factors that can influence a CIR mix
- Describe important considerations during placement, compaction, and finishing
- Explain the importance of curing and maintenance on the quality of a CIR surface
- Describe what happens once the surface is finished

TARGET AUDIENCE

This training is designed for Local, County, and State owner agency technicians/inspectors. It is also useful for individuals who need awareness or basic understanding of cold in-place recycling. This training was developed by the Transportation Curriculum Coordination Council (TCCC) in partnership with AASHTO, NHI, and is recommended for TCCC levels II through IV.

TRAINING LEVEL: Basic

FEE: 2017: \$25 Per Person; 2018: N/A

LENGTH: 4 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

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