



COURSE NUMBER

FHWA-NHI-131140

COURSE TITLE

Hot In-place Recycling

This training was developed by the Transportation Curriculum Coordination Council (TCCC) in partnership with AASHTO and NHI. Hot in-place recycling (HIR) is a pavement preservation and corrective maintenance technique that consists of heating and softening the existing asphalt pavement. When combined with an asphalt overlay, HIR can be classified as structural rehabilitation.

The HIR techniques described in this training provide owner agencies with cost-effective and sustainable methods to repair their aging pavements. HIR processes have been used on all functional classes of roadways. When properly designed, specified, and constructed, HIR methods can result in significant cost savings as compared to conventional maintenance operations, while reducing carbon dioxide emissions.

This course contains three modules:

1. Introduction to Hot In-Place Recycling
2. Pre-Production Inspection
3. Full Production Pavement Recycling

OUTCOMES

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

- Explain the purpose, benefits, and use of HIR;
- Identify the purpose and use of HIR designs and the equipment used for its applications;
- Identify the preparation and planning steps necessary for an HIR application; and
- Describe the production, evaluation, steps necessary for an HIR application.

TARGET AUDIENCE

This course is intended for local, county, and State owner agency technicians and inspectors. It is also useful for individuals who need awareness or basic understanding of hot in-place recycling. Training level: This training is recommended for the Transportation Curriculum Coordination Council levels I, II, III, and IV.

TRAINING LEVEL: Basic

FEE: 2016: \$25 Per Course; 2017: N/A

LENGTH: 2.5 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

NHI Customer Service: (877) 558-6873 • nhicustomerservice@dot.gov

