



COURSE NUMBER

FHWA-NHI-380109

COURSE TITLE

Innovative Intersections and Interchanges

Motorists, pedestrians, and bicyclists face greater mobility challenges and safety risks at intersections as traffic volumes grow and congestion worsens. Agencies need safer, more balanced designs that keep people moving. Innovative intersection designs offer many safety and operational benefits, and are being built more often because they can deliver more for less. The Federal Highway Administration (FHWA) launched the Every Day Counts (EDC) state-based initiative to identify and rapidly deploy proven but underutilized innovations aimed at reducing project delivery time, enhancing roadway safety, reducing congestion, and improving environmental sustainability. In 2012, Intersection & Interchange Geometrics (IIG) was selected as a featured innovative technology in EDC Round-2. IIG consists of a family of innovative intersection designs that improve intersection safety while also reducing delay, and at lower cost and with fewer impacts than comparable traditional solutions.

In continuing effort to advance the deployment of innovative intersection designs, NHI is pleased to offer this training workshop to assist transportation professionals in better understanding these intersections and the potential benefits they can provide when correctly implemented.

OUTCOMES

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

- Describe the principal features of the innovative geometric designs presented including key design and operational features
- List the advantages and disadvantages of their use
- Assess what innovative designs would be applicable at a given location given the conditions and constraints
- Identify resources to acquire additional information on these designs and their implementations

TARGET AUDIENCE

The target audience for this training includes state and local transportation agency personnel, and/or consultants having responsibilities for developing and designing elements pertaining to intersections and interchanges.

TRAINING LEVEL: Intermediate

FEE: 2020: \$125 Per Person; 2021: \$125 Per Person

LENGTH: 1 DAYS (CEU: .6 UNITS)

CLASS SIZE: MINIMUM: 20; MAXIMUM: 30

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