



COURSE NUMBER

FHWA-NHI-130081E

COURSE TITLE

Prestressed Concrete Girder Topics

This course was recently updated to reflect the current AASHTO LRFD Bridge Design Specifications, 9th Edition. This course provides training to apply the key LRFD limit state verifications for prestressed concrete girders made continuous. It describes prestressed concrete bridge materials and prestressing losses and design considerations for prestressed girders made continuous.

OUTCOMES

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

- Describe prestressed concrete bridge materials and the causes of prestressing force losses
- Describe design considerations and required computations for prestressed girders made continuous

TARGET AUDIENCE

The target audience for this course includes practicing public and private sector structural and bridge engineers with 0 to more than 20 years of experience. This includes agency and consultant structural designers, as well as project managers. Individuals taking these courses should have a minimum Bachelor of Science in Civil Engineering (BSCE) or equivalent degree. This course is intended for engineers that require experience with AASHTO bridge design provisions and updates.

TRAINING LEVEL: Basic

FEE: 2021: \$0 Per Person; 2022: N/A

LENGTH: 2 HOURS (CEU: .2 UNITS)

CLASS SIZE: MINIMUM: 0; MAXIMUM: 0

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