



**COURSE NUMBER**

FHWA-NHI-130081E

**COURSE TITLE**

**Prestressed Concrete Girder Topics**

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 also 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 is practicing public and private sector structural and bridge engineers with 0 to 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:** 2017: \$25 Per Person; 2018: N/A

**LENGTH:** 2 HOURS (CEU: .2 UNITS)

**CLASS SIZE:** MINIMUM: 0; MAXIMUM: 0

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