



# BRIDGE INSPECTION, MAINTENANCE AND REPAIR

## Basic Certification Course

**Course Overview:** This course is intended to ensure that participants gain a basic working knowledge of bridges and the maintenance and inspection process of "in-service" bridges. Students will learn about the different types of bridges, nomenclature of bridges and will be able to interpret an NBIS bridge inspection report. Bridge maintenance and upkeep will be discussed so that individuals will be able to make sound decisions for repairs of bridges. This is a basic course designed to help inexperienced workers prepare for the FHWA 2-week bridge inspection course or to be used as a refresher for bridge maintenance personnel who may be called on to perform occasional bridge inspection, repair and maintenance tasks.

**Participants will be required to demonstrate proficiency in the following areas:**

- Benefits of a preventive maintenance program
- Preventive maintenance techniques
- Bridge condition and evaluation of main bridge elements
- Selection of the proper repair methods for bridge deficiencies
- Interpretation of a bridge inspection report
- Simple field inspection of a bridge (if no safe site is available near training facility or in the case of inclement weather, a 20-question test with photos will be given)

Trainees will receive a Training Certificate!



**For more information or to inquire about  
upcoming training dates:**

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