



UPGRADING BRIDGE INSPECTION SKILLS

OVERVIEW

An effective bridge management system, to ensure safety and long useful life of bridges, depends on efficient bridge inspection. Bridge inspectors must understand the relationship between design and inspection to make accurate appraisals of deterioration and maintenance problems, using sound judgment based on an understanding of basic inspection requirements and the need for maintenance and rehabilitation. They must locate and evaluate critical deterioration and understand the effects of deterioration on load capacity and rating for all bridges whether built of concrete, steel or timber.

Besides addressing bridge inspection procedures, this course focuses on detecting and locating critical problems.

BENEFITS

After participating in this course, you will be able to:

- Choose more fatigue resistant design details
- Conduct more thorough inspections having gained knowledge of methods for inspection and recognition of significant bridge deterioration problems
- Develop an effective bridge inspection program including a range of suitable techniques
- Use the special inspection techniques vital to different types of bridges
- Improve your bridge management system applying the knowledge acquired at the seminar about such systems used by others

WHO SHOULD ATTEND

- Bridge Owners
- Bridge Inspectors and Superintendents
- Bridge Engineers
- Managers
- Public Works Officials
- Consulting Engineers
- Material Testing and Transportation and Public Safety Personnel
- Railway Bridge Engineers
- Patrol Supervisors
- Bridge Foremen
- Maintenance Inspectors
- Municipal Road Superintendents and Others Responsible for Maintaining, Upgrading and Safeguarding Existing Bridges.