

SAFETY INSPECTION OF IN-SERVICE BRIDGES DURING  
CONSTRUCTION

SPECIAL PROVISION  
SECTION 697

# SAFETY INSPECTION OF IN-SERVICE BRIDGES DURING CONSTRUCTION SPECIAL PROVISION SECTION 697

- What is it?

- A policy to provide for the NBIS inspection of our bridges on schedule to meet FHWA requirements.

- Why is it?

- Because in some instances inspections were not occurring per schedule.

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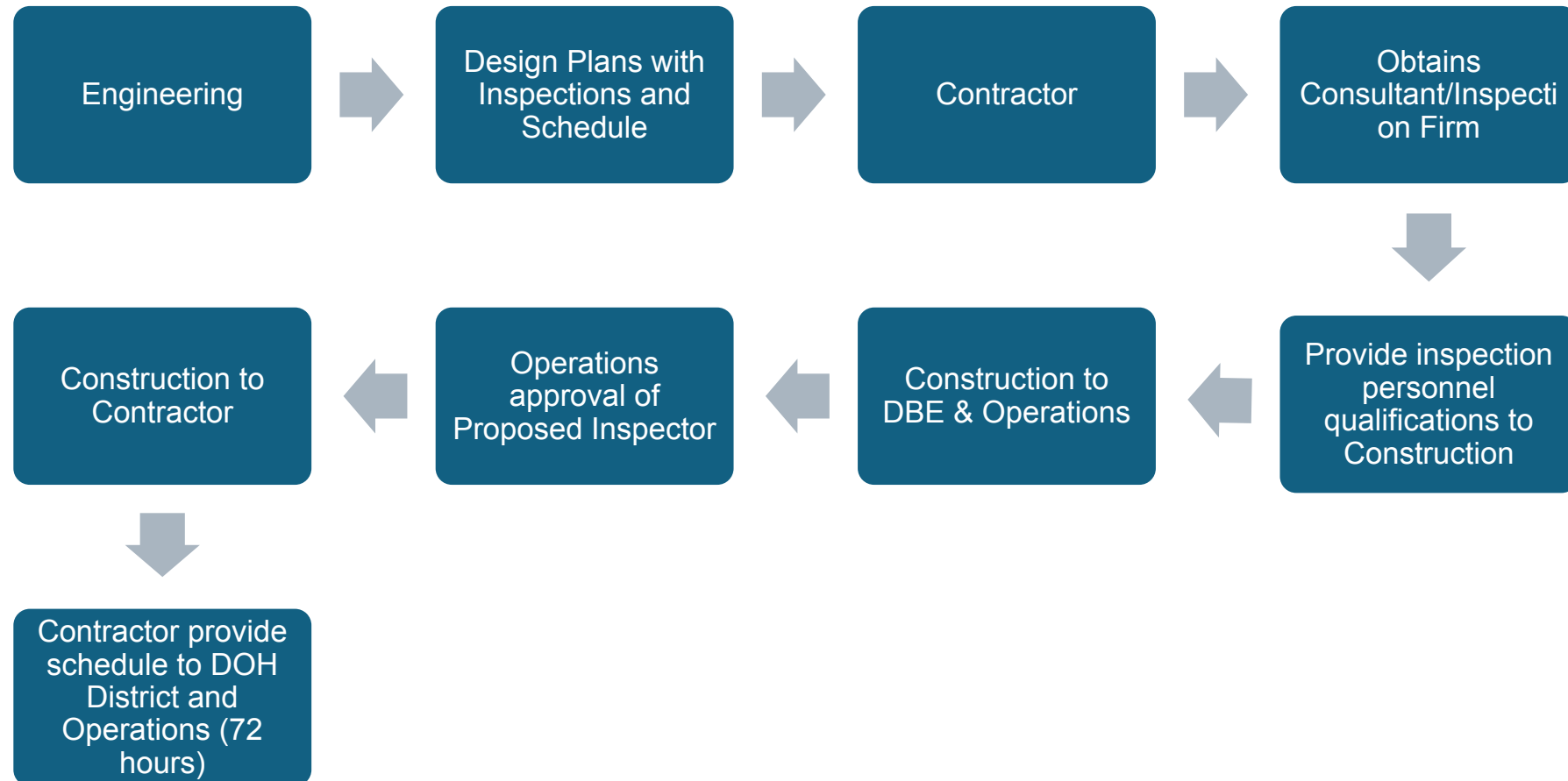
- Ramifications of not meeting inspection schedules and deadlines.
  - WVDOH
    - Loss of Federal funding.
    - Compliance issues with the Inspection Program.
  - Contractor
    - Construction work suspended and all payments withheld until the inspection has been performed and report delivered to WVDOH Operations Division.

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- Communication
  - Engineering
    - Required inspections are to be designated, scheduled and shown in the Plans
  - Construction
    - Reminding Contractor of upcoming inspection
    - Forwarding inspection personnel qualifications and schedule
  - Contractor
    - Providing inspection personnel qualifications and schedule
    - Providing access for inspection activities
  - Operations
    - Notification of acceptance of inspection personnel qualifications
    - Notification of acceptance of inspection report(s)

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- Communication



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- Inspection Types – When is What Applicable
  - Normally-Scheduled Inspections as Part of WVDOH Inspection Program
    - Routine
    - NSTM
    - Special
  - Inspections for Temporary and/or Phased Structures
    - Initial and Routine Concurrently
      - Bridge Rating Submission (see DD 202) is to be attached to Report
    - Special/NSTM
      - For Panel Type Bridges (Mabey, Acrow, Bailey) and Shall Be Performed at 6 Month Intervals Following the Initial Inspection
      - Special Inspections to Continue the Entire Period that Structure is in Use

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- Inspection Types – When is What Applicable
  - Inspection Requirements for Staged Construction
    - Initial and Routine Concurrently
      - To Be Performed **Immediately Prior** to Opening to Traffic
      - Required for Each Additional Phase **Prior** to Opening to Traffic
    - Routine
      - When Construction Stages or Portions Thereof are Open to Traffic 24 Months After the Initial and Routine Inspection

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- Access
  - Must be Sufficient for the Required Inspection Type
    - For Inspection Access Equipment
      - Under Bridge Inspection Unit, Deck Space
      - Man-Lift, Clear Space Below the Bridge
    - To View Structure Members as the Inspection Type Requires
      - Formwork Removed
      - Construction Scaffolding not Obstructing Bridge Members
      - Construction Debris/Materials Removed from Members

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QUESTIONS?