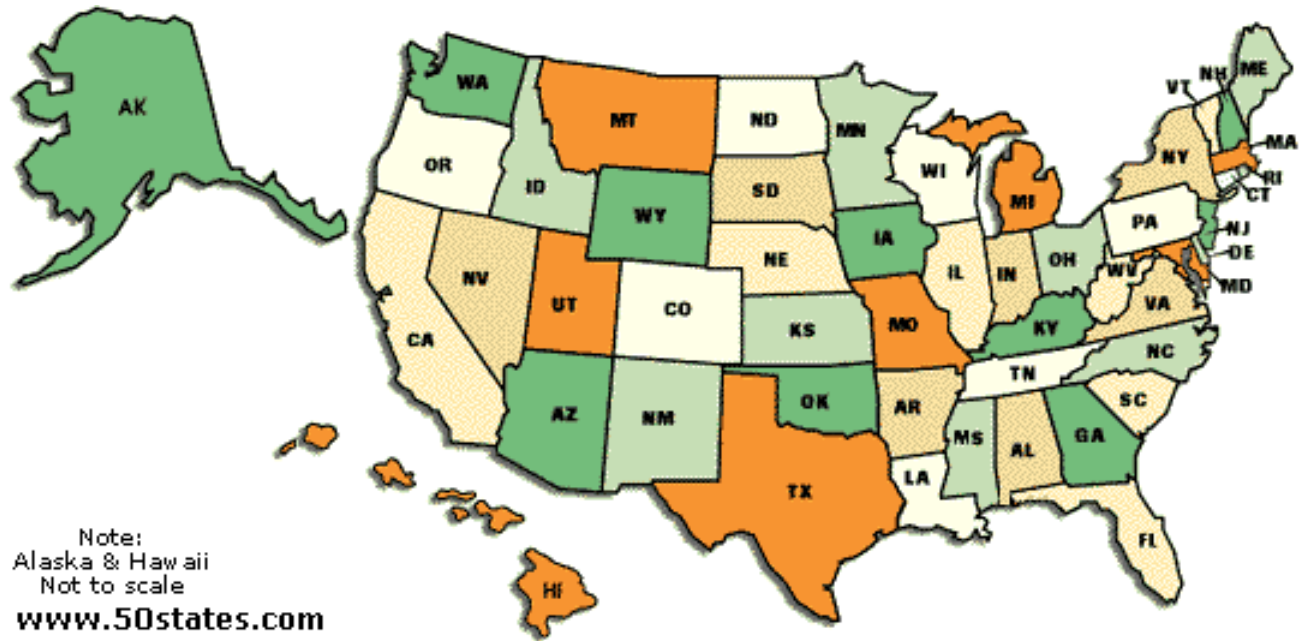


# **Code Review of Federal and Interstate Construction Projects**

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# **Five Possible Approaches**

- State Jurisdiction
- Separate Federal Agency
- Federal Code Appeals Board
- Peer Review
- Privatization

# **Current Practice: Agency Picks Code**

- BOCA
- ICBO
- SBCCI
- NFPA
- Local provisions

**Current Practice:  
Agency Enforces Code**

# **Current Practice: Agency Responsibilities**

- Program
- Budget
- Schedule
- Quality oversight of design & construction
- Safety

**Do these conflicting  
responsibilities affect  
public safety?**

# **Five Possible Solutions**

- I. State Jurisdiction
- II. Separate Federal Agency
- III. Federal Code Appeals Board
- IV. Peer Review
- V. Privatization

# **I. State Jurisdiction**

Submit for a permit like everyone else

# **I. State Jurisdiction: Advantages**

- Capitalizes on existing system of review
- Capitalizes on existing system of delivery
- Relatively inexpensive
- Most familiarity with local climate and site conditions

# **I. State Jurisdiction: Disadvantages**

- Not well-suited for unique federal agency requirements
- Limited capacity and expertise
- Requires familiarity with varying code requirements
- Culture shock to federal agencies.

## **II. Separate Federal Agency**

- Tasked with code standards enforcement
- Review and approval of all projects

## **II. Separate Federal Agency: Advantages**

- Reflects federal special needs
- Potential for national standards
- Limited culture shock
- May attract bureaucratic sponsor

## **II. Separate Federal Agency: Disadvantages**

- Expensive
- Time to implement
- Potential bottleneck
- Remote from construction
- Turf battles

# **III. Federal Code Appeals Board**

- Independent of any agency
- Designer or agency asks for review
- Binding decisions

# **III. Federal Code Appeals Board: Advantages**

- Few changes in federal procedures
- Inexpensive
- Reduces chance of a bottleneck
- Limited culture shock
- Well understood by project participants
- Might improve agency performance

# **III. Federal Code Appeals Board: Disadvantages**

- Requires designer to appeal
- Not every project reviewed

# **IV. Peer Review**

- Agency process unchanged
- Third party reviewer part of project team
- Report made within agency

# **IV. Peer Review: Advantages**

- Delivery process unchanged
- Inexpensive
- No bottleneck
- Secure
- Avoids culture shock

# **IV. Peer Review: Disadvantages**

- Review within agency
- Peer reviewer part of project team

# **V. Privatization**

- All construction by private parties
- Turnkey
- Design/build
- CM-at-risk
- State/local review

# **V. Privatization: Advantages**

- Capitalizes on existing system of review
- Capitalizes on existing system of delivery
- Relatively inexpensive
- Most familiarity with local climate and site conditions
- Avoids culture shock

# **V. Privatization: Disadvantages**

- Not well-suited for unique federal agency requirements
- Limited capacity and expertise
- Requires familiarity with varying code requirements

# **V. Privatization: Other Issues**

- Economic efficiency
- Labor relations
- Design quality assurance

# **Questions and Next Steps**