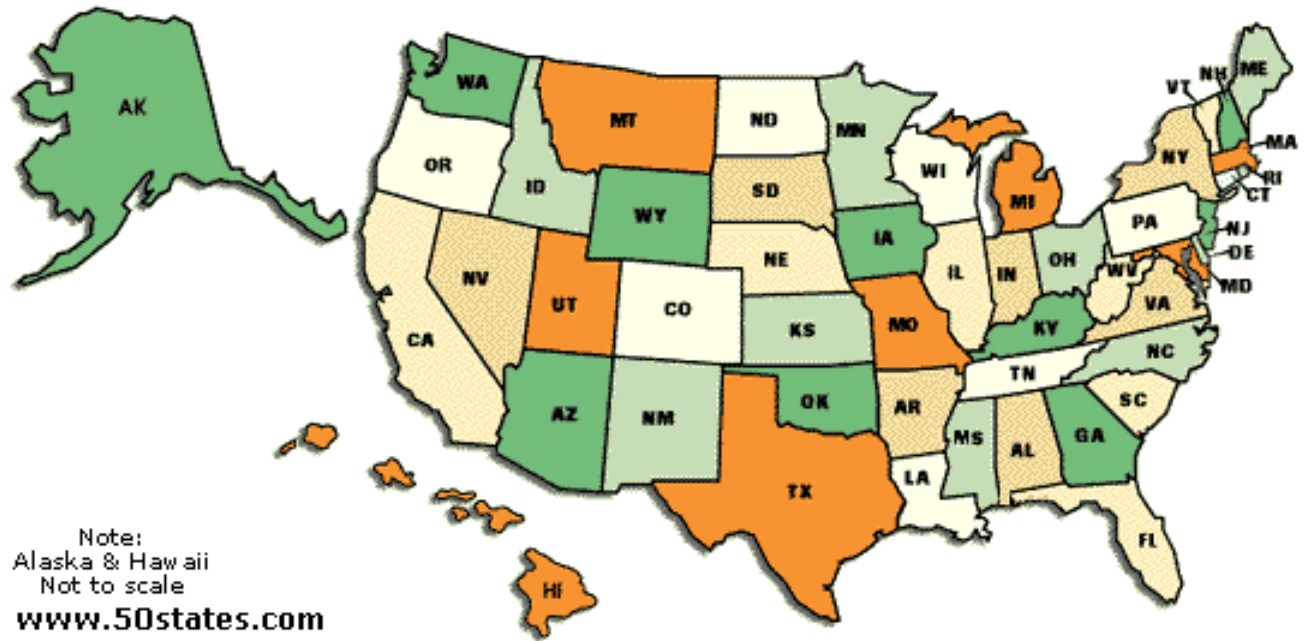


Code Review of Federal and Interstate Construction Projects

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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