FHWA Update
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Ralph Pauly, P.E.
Assistant Structures Engineer
Presentation Outline

- **Discretionary Funding Opportunities**
  - Better Utilizing Investments to Leverage Development (BUILD)
  - Infrastructure for Rebuilding America (INFRA)

- **Bridge Inspection**
  - National Bridge Inspection Standards
  - FHWA Critical Finding Database
  - Specification for the National Bridge Inventory

- **Tunnel Inspection**
  - National Tunnel Inspection Program
  - Tunnel Inspection Reference Material
Better Utilizing Investments to Leverage Development (BUILD)

- Goals
  - Improve access to reliable, safe and affordable transportation for communities in rural areas.
  - Improve infrastructure condition.
  - Address public health and safety
  - Promote regional connectivity
  - Facilitate economic growth or competitiveness
Discretionary Funding Opportunities

**Better Utilizing Investments to Leverage Development (BUILD)**

- Eligible Projects
  - Highway, bridge or other road projects eligible under title 23, United States Code
  - Public transportation projects eligible under chapter 53 of title 49, United States Code
  - Passenger and freight rail transportation projects
  - Port infrastructure investments
  - Intermodal projects
Discretionary Funding Opportunities

- **Better Utilizing Investments to Leverage Development (BUILD)**
  - Recent Awards
    - Rural Bridge Improvement Project (North Carolina)
      - Improve System Condition, Safety and Efficiency
Discretionary Funding Opportunities

- **Better Utilizing Investments to Leverage Development (BUILD)**
  - Recent Awards
  - Cherrylane Bridge (Idaho)
    - Improve Connectivity, Efficiency and Safety
Discretionary Funding Opportunities

- **Infrastructure for Rebuilding America (INFRA)**
  - Objectives
    - Supporting economic vitality at the national and regional level.
    - Leveraging Federal funding to attract non-Federal sources of infrastructure investment.
    - Deploying innovative technology, encouraging innovative approaches to project delivery, and incentivizing the use of innovative financing.
    - Holding grant recipients accountable for their performance.
Discretionary Funding Opportunities

**Infrastructure for Rebuilding America (INFRA)**

- **Eligible Projects**
  - Highway freight projects carried out on the National Highway Freight Network.
  - Highway or bridge projects carried out on the National Highway System (NHS) including projects that add capacity on the Interstate System to improve mobility or projects in a national scenic area
  - Railway-highway grade crossing or grade separation projects
  - Freight projects (Intermodal, Rail Projects, Port)
Discretionary Funding Opportunities

- **Infrastructure for Rebuilding America (INFRA)**
  - Recent Awards
    - 2nd Avenue Connectivity Corridor Project (Alabama)
      - Improve Mobility and Safety
Discretionary Funding Opportunities

- **Infrastructure for Rebuilding America (INFRA)**
  - Recent Awards
    - Mound Road Industrial Corridor Technology and Innovation Project (Michigan)
      - Reduce Congestion, Improve Safety, Deploy Connected Vehicle Technology
National Bridge Inspection Standards

- Proposed rulemaking would update 23 CFR Part 650, Subpart C, to incorporate changes made by section 1111 of MAP-21. The rulemaking will define the following requirements:
  - Risk-based, data-driven inspection frequency
  - Procedures for reporting critical findings and monitoring corrective actions
  - Nationally Certified Bridge Inspectors
  - Complex Bridges
Bridge Inspection

**FHWA Critical Finding Database**

- MAP-21 required establishment of procedures for reporting critical findings and monitoring corrective actions.
  - To fulfill this requirement FHWA is developing a national critical finding data repository.
  - FHWA Division will be responsible for entering data received from the State:
    - NBI identifiers
    - Written description of CF
    - Classification of follow-up action
    - Condition data
    - Deficient member or component
    - Probable Cause
    - Operating Status
Specifications for the National Bridge Inventory

- Proposed specification was developed in conjunction with the NBIS revisions and will replace the recording and coding guide published in the mid-nineties.
Tunnel Inspection

National Tunnel Inspection Program

• Fifteen Metrics
  • Used to determine the levels of compliance.
• Four Compliance Levels
  • Based upon specific thresholds or measures.
• Three Assessment Levels
  • Define the scope of FHWA's review.
Tunnel Inspection Reference Material

- National Tunnel Inspection Standards (NTIS)
- Specifications for the National Tunnel Inventory (SNTI)
- Metrics for the Oversight of the National Tunnel Inspection Program