



Michigan Division Office



FHWA Update
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Presentation Outline

Michigan Division Office

- ***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





Discretionary Funding Opportunities

Michigan Division Office

- ***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

Michigan Division Office

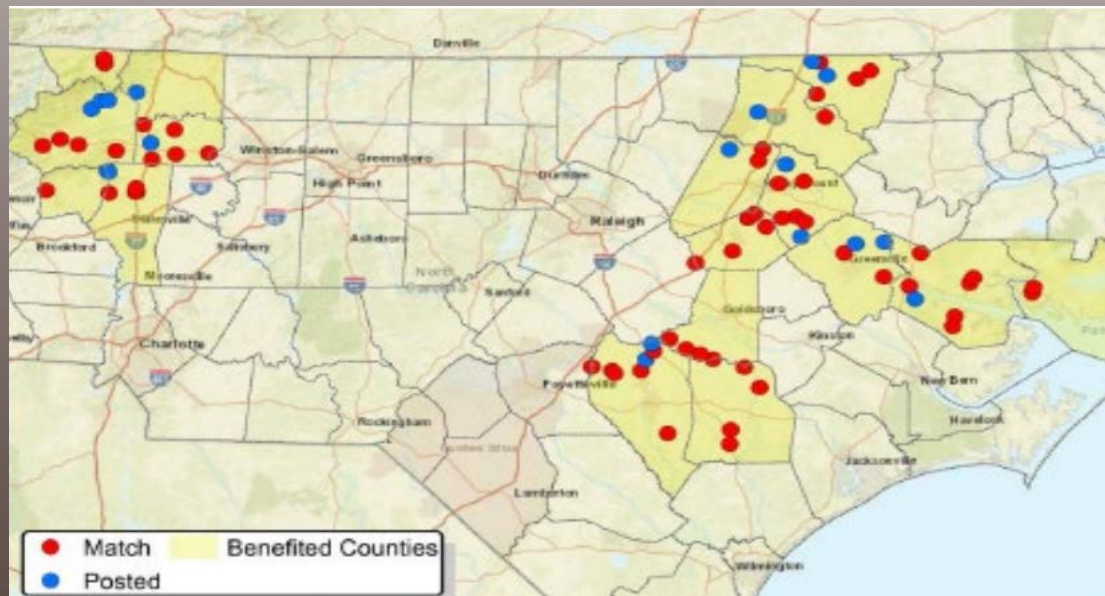
- ***Better Utilizing Investments to Leverage Development (BUILD)***
 - Eligible Projects
 - Highway, bridge or other road projects eligible under title 23, United States Code
 - Public transportation projects eligible under chapter 53 of title 49, United States Code
 - Passenger and freight rail transportation projects
 - Port infrastructure investments
 - Intermodal projects



Discretionary Funding Opportunities

Michigan Division Office

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



Discretionary Funding Opportunities

Michigan Division Office

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





Discretionary Funding Opportunities

Michigan Division Office

Lumberman's Monument

- ***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

Michigan Division Office

- ***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

Michigan Division Office

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



Discretionary Funding Opportunities

Michigan Division Office

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



Bridge Inspection

Michigan Division Office

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

Report on DOT Significant Rulemakings

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Federal Highway Administration

26. [Pavement Markings](#)

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Federal Motor Carrier Safety Administration

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Federal Highway Administration

27. [National Bridge Inspection Standards \(MAP-21\)](#) Green

Popular Title: NBIS

RIN 2125-AF55

Stage: NPRM

Previous Stage: None

Abstract: This rulemaking would update 23 CFR Part 650, Subpart C, National Bridge Inspection Standards, to incorporate changes made by section 1111 of MAP-21. This rulemaking would also update this Subpart to provide clarification of the requirements related to complex structures, critical findings, and inspection intervals. Finally, this rulemaking would update 23 CFR Part 650 by removing Subparts D and G as the programs covered by these regulations have been eliminated.

Effects:

None

Prompting action: Statute

Legal Deadline: Final Rule: 10/01/2015

Rulemaking Project Initiated: 07/06/2012

Docket Number: FHWA-2017-0047

Dates for NPRM:

Milestone	Originally Scheduled Date	New Projected Date	Actual Date
Publication Date	07/03/2014	07/01/2019	
End of Comment Period	08/15/2014	09/02/2019	

Explanation for any delay: N/A

Federal Register Citation for NPRM: None



Bridge Inspection

Michigan Division Office

FHWA Critical Finding Database

- MAP-21 required establishment of procedures for reporting critical findings and monitoring corrective actions.
 - To fulfil 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

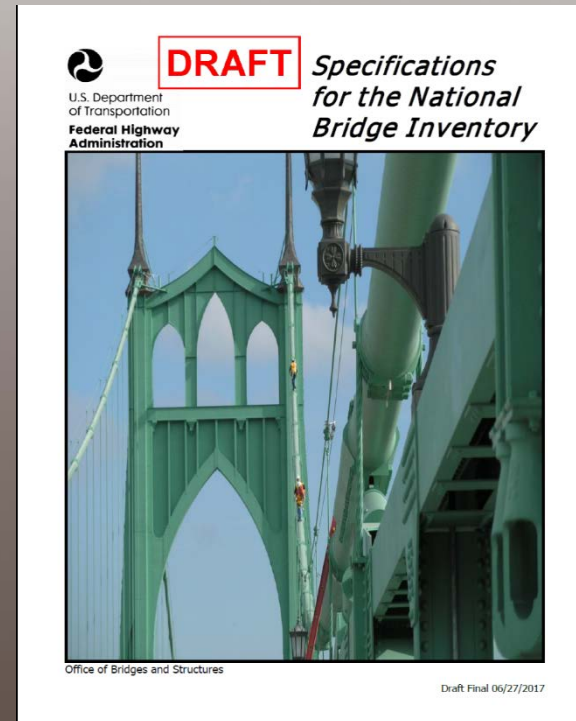
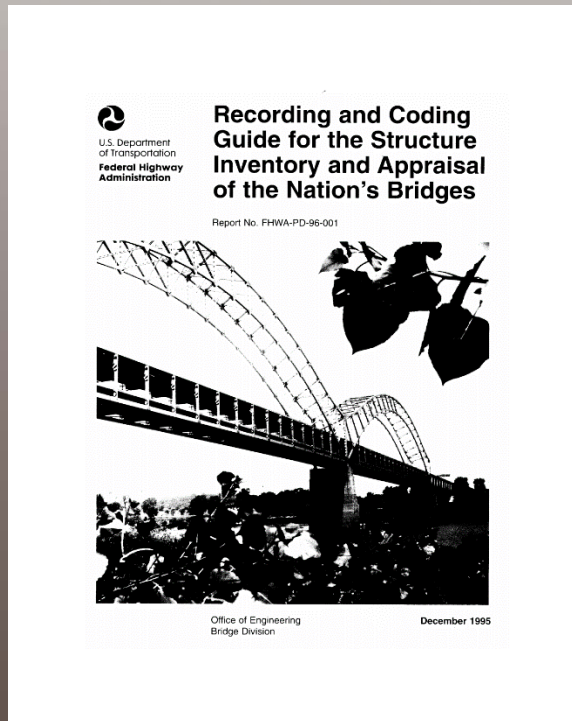


Bridge Inspection

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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.

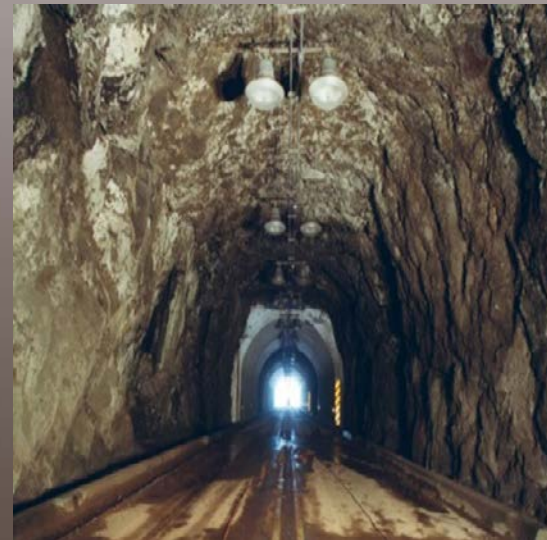


Tunnel Inspection

Michigan Division Office

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.

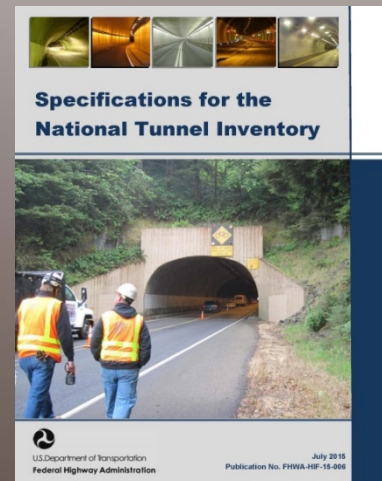
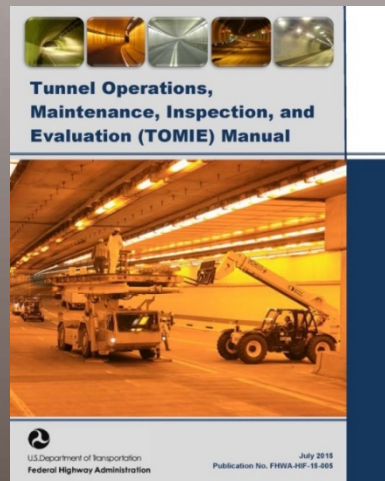


Tunnel Inspection

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Tunnel Inspection Reference Material

- National Tunnel Inspection Standards (NTIS)
- Tunnel Operations, Maintenance, Inspection and Evaluation (TOMIE) Manual
- Specifications for the National Tunnel Inventory (SNTI)
- Metrics for the Oversight of the National Tunnel Inspection Program



NTIP Compliance Review Manual – DRAFT – Rev. 12-18-18

Introduction

This document provides guidance and direction to the FHWA Division Bridge Inspectors in performing National Tunnel Inspection Program (NTIP) compliance reviews of State tunnel safety inspection programs. The term "reviewer" refers to the FHWA Division Bridge Inspector (DBI). The term "State" refers to either a State DOT or Federal agency responsible for tunnel safety inspection in accordance with 23 U.S.C. 1444. The document is being provided to States and other tunnel owners for informational purposes only. The document is guidance only and does not create any requirements other than those stipulated in statute or regulations.

The NTIP is, in most aspects and by design, very similar to the National Bridge Inspection Program (NBIP). This document will not repeat the majority of the guidance given in the NTIP Compliance Review Manual, which can be applied to the NTIP. The reader will highlight some of the key differences and points to be emphasized in the NTIP reviews. Therefore, refer to the NBIP document for guidance related to the review process and other items, such as the Plan of Corrective Action (PCA) or an Improvement Plan (IP), sampling and population, additional file and field review guidance, State participation in field reviews, etc.

Background

In 2010, FHWA developed a new systematic, data-driven, risk-based oversight process for monitoring State compliance with the National Bridge Inspection Standards (NBIS). Based on the success of that process, FHWA has now developed a similar process for the recently implemented National Tunnel Inspection Standards (NTIS) required by 23 U.S.C. 1444a. This process utilizes 15 metrics, or measures, to define 3) the levels of compliance, 2) items from the NTIS to be assessed, and 3) how those measurements affect the levels of compliance. Each metric can be traced directly to wording in 23 CFR 650 Subpart I. The metrics were developed over a 2-year period by a committee which consisted of FHWA Division, Resource Center, and Headquarters bridge and tunnel engineers. Revisions were made to the metrics based upon feedback received during development, including discussions based on pre-pilot evaluations of the metrics with a few States.

In 2017, the FHWA initiated a pilot program using the new process in eight additional States. The FHWA made further adjustments to the process and the metrics following these pilots, in preparation for nationwide implementation in June 2019.





Michigan Division Office



Questions

