



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
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Michael R. Pence, Governor
Brandye Hendrickson,
Commissioner

Bridge Inspection Memorandum No. 15-03

TO: All Inspection Personnel, Consultants

FROM: /s/Merril Dougherty
Merril Dougherty, PE
Bridge Inspection Manager
Bridge Division

DATE: August 12, 2015

SUBJECT: Revisions to the INDOT Bridge Inspection Manual

REVISES: Indiana Bridge Inspection Manual Part 1, Sections 1.1, 1.2, 1.3, 1.4, 1.5

SUPERCEDES: all previous versions

EFFECTIVE : Immediately

The revisions to the Indiana Bridge Inspection Manual Part 1 was necessary to be in compliance with the National Bridge Inspection Standards, to clarify that the Indiana Bridge Inspection Manual Part 1 is of higher order and is the regulatory section of the manual, and to update and clarify INDOT inspection standards.

The following outline provides clarification of the changes made in each of the manual chapters.

CHAPTER 1 INTRODUCTION

- Page 1-1-1 Index was placed in the beginning of the manual and each chapter contains an index.
- Page 1-1-4 The introduction was rewritten to indicate that the administration portion of the manual is the regulatory portion and that other sections are subordinate.

CHAPTER 2 PROGRAM OVERVIEW

- Page 1-2-8 Deleted requirement to do interim inspections of posted structures. Frequency of inspections are based on condition and not required just because a bridge requires posting.
- Page 1-2-10 Deleted interim inspections on posted bridges.
- Page 1-2-12 Reference to complex bridges on item 5 was deleted.
- Page 1-2-13 Item 4, reference to complex bridges was deleted.
- Page 1-2-14 Item c was modified, reference to complex bridges was deleted.



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- Page 1-2-17 Change in requirements for complex team leader selection. Change in requirements for fracture critical team leaders.
- Page 1-2-21 Bridge Inspection Database was revised

CHAPTER 3 TYPES OF INSPECTIONS

- Page 1-3-8 Reference to closed bridges was deleted.
- Page 1-3-10 Revision to requirements of plan of action and probing included.
- Page 1-3-13 Deleted pin and hanger as fracture critical details.
- Page 1-3-15 Units in water that cannot be waded or probed (probing was added).
- Page 1-3-23 Reference to complex was deleted.
- Page 1-3-36 Modification to bridges used to maintain traffic.

CHAPTER 4 REPORTING SYSTEMS

- Page 1-4-2 Items to include in the bridge file has been revised.

CHAPTER 5 EMERGENCY NOTIFICATION

- Page 1-5-2 Emergency Notification has been revised

Chapter titled Fundamentals of bridge inspection was deleted (chapter 4).
Chapter titled Disaster Response was deleted (chapter 6).