ADDITIONAL LINKS AND REFERENCES

Reference Title

Additional Links and References

Reference Revision and Year:

Version 1.0, 2026

Reference Introduction and Discussion

Additional links and references are being provided for users to view and reference, as needed. If a more recent edition of the reference is available, the current edition should be used as a reference. See Appendix B for formal references to the BIGD.

Reference Description

Changes to this list shall happen as deemed necessary by the BIPM. Annually, the inspectors should recommend changes to the list to the BIPM.

AASHTO Publications

- Standard Specifications for Highway Bridges, 17th Edition
- AASHTO LRFD Bridge Design Specifications
- Manual for Assessing Safety Hardware (MASH), Second Edition, 2016
- Guide Specifications for Analysis and Identification of Nonredundant Steel Tension Members and System Redundant Members, 1st Edition, 2018 with 2022 Interim Revisions

SCDOT Publications and Engineering Directives (ED)

- Bridge Management Policy Documents
- Digital Signatures Manual
- SCDOT Employee Safety Manual
- SCDOT Supplemental MUTCD
- Rule on Work Zone Safety and Mobility: The Policy for SCDOT
- Work Zone Traffic Control Training Requirements for Contractor/Subcontractors
- SCDOT MASH-2016 Transition Plan
- ED 8 - Road Inspections
- ED 18 - Bridge Security and the Release of Plans
- ED 32 - Hourly Restrictions for Lane Closures on Interstate and High Traffic Routes (excluding hourly restrictions for specific routes)
- ED 35 - Emergency Procurement of Construction and Consultant Services
- ED 42 - Inspection and Repair of Guardrail, Cable Barrier, and Crash Attenuators
- ED 43 - Bridge Ices Before Road Warning Signs (W8-13)
- ED 44 - Procedures for Removing Closed Bridges from the State System
- ED 80 - Bridge Project Prioritization for Interstates, Primary Routes
- ED 81 - Bridge Project Prioritization for Secondary Routes
- SCDOT Street Finder
- SCDOT GIS/Mapping County Maps from SCDOT SharePoint
- SCDOT Bridges Over Divided Routes Map
- SCDOT Statewide Rail Plan

FHWA Publications

- Recommended Framework for a Bridge Inspection Quality Control/Quality Assurance Program
- Memorandum on Bridge Load Ratings for the National Bridge Inventory
- Manual on Uniform Traffic Control Devices (MUTCD)
- Bridge Preservation Guide
- Clarification of Requirements for Nonredundant Steel Tension Members
- Design and Evaluation of Steel Bridges for Fatigue and Fracture
- AASHTO/FHWA Joint Implementation Agreement for MASH
- National Tunnel Inspection Standards (NTIS)
- FHWA-HRT-12-071 Application of Radiographic Testing to Multilayered Gusset Plate Inspection

Other

- American Institute of Steel Construction, 1900, Iron and Steel Beams 1873 to 1952
- Army Corps of Engineers, Study of Navigable Rivers in South Carolina, 1977
- 23 CFR 650 Subpart C, NBIS
- FEMA MSC National Flood Hazard Layer Maps – Use for Waterway Names
- Federal Railroad Administration Map for Railroad Service Types
- NCHRP Synthesis 375 Bridge Inspection Practices

Other (continued)

- NCHRP Report, 337 Guidelines for Inspecting Complex features of Bridge
- NCHRP Report, 354 Inspection and Management of Bridges with Nonredundant Steel Tension Details
- NCHRP Report 406, Redundancy in Highway Bridge Superstructures
- NCHRP Report 458, Redundancy in Highway Bridge Structures
- NCHRP Report 725, Guidelines for Analysis Methods and Construction Engineering of Curved and Skewed Steel Girder Bridges
- AISC Steel Manual, 15th Edition Steel Construction Manual
- Society for Protective Coatings-Visual Standard (SSPC-VIS), Standard Method of Evaluating Degree of Rusting on Painted Steel Surface