



Highway Construction Inspection

Level III Selected General References

Candidates are NOT permitted to bring references into the test center.

The following publications can provide some of the job knowledge required by a highway construction inspector. While these books may help prepare for the exam, they are NOT permitted in the test center.

- 1 ACI 207.1R-96: Guide to Mass Concrete, American Concrete Institute (ACI)
- 2 American Society for Testing and Materials (ASTM) books of standards [test procedures and materials specifications]
- 3 Asphalt Pavement Distress Summary, Asphalt Institute (AI)
- 4 Federal Lands Highway Construction Manual, U.S. Department of Transportation Federal Highway Administration
- 5 Federal Lands Highway Field Materials Manual, U.S. Department of Transportation Federal Highway Administration
- 6 FHWA-NHI-05-036: Guidelines for the Installation, Inspection, Maintenance and Repair of Structural Supports for Highway Signs, Luminaires, and Traffic Signals, U.S. Department of Transportation Federal Highway Administration
- 7 FHWA-NHI-10-016: Drilled Shafts- Construction Procedures and LRFD Design Methods, U.S. Department of Transportation Federal Highway Administration
- 8 FHWA-NHI-15-044: Engineering for Structural Stability in Bridge Construction, U.S. Department of Transportation Federal Highway Administration
- 9 FP-14: Standard Specifications for the Construction of Roads and Bridges on Federal Highway Projects, U.S. Department of Transportation Federal Highway Administration
- 10 Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) (2009), U.S. Department of Transportation Federal Highway Administration
- 11 NEMA Standards Publication TS 2-2003 (R2008): Traffic Controller Assemblies with NTCIP Requirements, National Electrical Manufacturers Association (NEMA)
- 12 OSHA 29 CFR 1926: Safety and Health Regulations for Construction, Occupational Safety and Health Administration (OSHA)
- 13 Post-Tensioning Tendon Installation and Grouting Manual, U.S. Department of Transportation Federal Highway Administration
- 14 Steel Bridge Erection Guide Specification S10.1-2014, American Association of State Highway and Transportation Officials (AASHTO)/National Steel Bridge Alliance (NSBA) Collaboration
- 15 Water Distribution Operator Training Handbook, Fourth Edition, American Water Works Association (AWWA)

➤ This listing is not intended to be complete or representative.

April 1, 2018

[footnote number is linked to a task on the Content Outline](#)