



# Jerome Moore

Bridge Civil Engineer

## CONTACT

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United States, Stelle, IL 60919

## EDUCATION

2012 - 2016

### Bachelor of Science in Civil Engineering

University of Illinois at Urbana-Champaign, United States

- Relevant Coursework: Structural Analysis, Concrete Design, Steel Design, Transportation Engineering

### Professional Engineer (PE)

Active since 2018

### Bridge Inspection Certification

National Highway Institute, 2018

## PROFESSIONAL SUMMARY

Detail-oriented and highly skilled Bridge Civil Engineer with over 8 years of experience in the design, analysis, and construction of bridges. Proven track record of successfully completing projects on time and within budget while ensuring compliance with safety standards and regulations. Seeking a challenging position to leverage my expertise in structural engineering and project management.

## EXPERIENCE

**Bridge Engineer** 2019 - 2024

**HNTB Corporation, United States, Chicago, IL**

- Designed and analyzed various bridge types, including beam, arch, and suspension bridges, using advanced engineering software such as AutoCAD and SAP2000.
- Conducted load rating analyses and prepared detailed reports for structural assessments and rehabilitation projects.
- Collaborated with multidisciplinary teams to ensure compliance with state and federal regulations throughout the project lifecycle.
- Managed projects from conception to completion, ensuring timely delivery and adherence to budget constraints.

**Junior Bridge Engineer** 2016 - 2019

**Wilbur Smith Associates (now part of AECOM), United States, Springfield, IL**

- Assisted in the design and drafting of bridge plans, focusing on structural integrity and aesthetics.
- Conducted field inspections and assessments of existing bridges to determine maintenance needs and repair solutions.
- Supported senior engineers in preparing project specifications, cost estimates, and construction schedules.
- Contributed to the development of technical documentation, including design calculations and feasibility studies.

## SKILLS

Structural Analysis ★★★★★

AutoCAD ★★★★★

Math and Science Fundamentals ★★★★★

Site Investigation ★★★★★

Construction Drawings and Specifications ★★★★★

Quality Control and Assurance ★★★★★