Fundamentals of Railroad Bridge Engineering provides an overview of railway bridge engineering and design under the AREMA Manual for Railway Engineering, and the latest design procedures, materials, and methods used in current railway bridge engineering practice. Overview topics will include AREMA loading requirements, design and constructability examples, and the requirements for compliance with FRA 237, including bridge ratings and bridge management.

Christian Brown, PE, is an Associate Vice President and Senior Project Manager in HNTB’s Kansas City office. Mr. Brown has lead a wide variety of bridge feasibility, design and construction projects, and has worked closely with many organizations like the United States Coast Guard and the United States Corps of Engineers in the permitting and construction of fixed and movable river crossings for highway, rail and pedestrian traffic. His project experience includes leading the largest capital bridge reconstruction projects for four of the Class I Railroads, development of Bridge Management Plans, and alternative delivery of railroad bridge reconstruction projects. He is currently HNTB’s National Rail and Movable Bridge practice leader. Chris received both his B.S. in Architectural Engineering and M.S. in Civil Engineering from the University of Kansas. He is an active member in several professional societies, including the AREMA, SAME, ACEC and HMS. Chris is a registered professional engineer in nine states, and has published multiple papers covering his projects while with HNTB.

The seminar will provide 7.5 hours of continuing education credit. Attendance at the entire seminar is required to receive credit. Continental breakfast (available at 7:30) and lunch are included in the cost of the seminar.

Advance reservations are required – please see instructions below. If you have questions on the seminar, please contact the SEAOI office at 312-726-4165.

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**Registration Form**

**Rail Bridge Engineering**  
**March 10, 2016**  
**8:00am – 5:00pm**

MAIL FORM AND PAYMENT TO:  
SEAOI  
134 N. LaSalle Street, Ste. 1910  
Chicago, IL 60602  
Or fax to 312.277.1991  
**Or register online here!**

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**Seminar Location:**  
HNTB  
1 South Wacker Drive  
Suite 900  
Chicago, IL 60606

**Seminar Fee:**  
SEAOI Members: $300  
Non-Members: $400

**By March 3**  
**After March 3**

$300  
$375  
$400  
$475

**Registration Deadline:** March 3  
**Cancellation Fee by March 3:** $50  
**No Refunds after March 3**

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