

## BARTOSZ LIPINSKI, S.E., P.E.

Engineer II



### +CONTACT

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Bartosz Lipinski has eight years of experience in structural analysis, remedial repair design, and construction observation of structures under construction, distressed, and nonperforming. He has performed field investigations in the areas of structural condition surveys and documentation, mapping of concrete cracking and distress, and structural assessment of roof trusses.

A structural analysis expert, he specializes in load path determination, calculation review, and finite element modeling of existing structures and structural components. His portfolio of work has consisted of complex, large-scale buildings with a focus on structural capacity, foundation design, concrete slabs, light-gauge metal cold-formed roof trusses, slab punching shear, and facades. For structural related problems, he has provided litigation support including deposition reviews, construction timelines, and review of drawings and specifications.

Prior to joining RRJ in 2009, he worked as an intern at a national structural engineering firm gaining knowledge in structural design of healthcare facilities and long-span structures. He was involved in the design of steel framing and concrete floor diaphragms for a high-rise hospital and steel trusses for a convention center. Previously, he interned for a major refinery processing company providing structural review of modular structures.

### ■ EDUCATION

Master of Science in CEE Structures, 2008  
 University of Illinois at Urbana-Champaign

Bachelor of Science in General Engineering, 2007  
 Specialization in Structural Engineering  
 University of Illinois at Urbana-Champaign

### ■ REGISTRATIONS | CERTIFICATIONS

Licensed Professional Engineer in Illinois

Licensed Structural Engineer in Illinois

Construction Documents Technologist (CDT)

### ■ PROFESSIONAL AFFILIATIONS

American Institute of Steel Construction (AISC)

American Concrete Institute (ACI)

### ■ PRESENTATIONS | PUBLICATIONS

"Observations of Light-Gauge Metal Roof Trusses"  
 co-author and poster presenter, 2015 Structures Congress, Portland, OR, April, 23, 2015