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Colin P. Rueb

P.E., S.E.
Senior Engineer

About Colin

Colin Rueb has over 8 years of structural engineering experience in structural and material analyses, field investigation, nondestructive evaluation, condition surveys, and repair design of cast-in-place and prestressed concrete structures.

Colin's extensive knowledge of concrete deterioration enables him to develop repair designs to address corrosion, strengthening, spalling, and any additional deterioration problems.

Although a concrete specialist, Colin has also conducted a wide range of failure investigations and evaluations that have been constructed of building materials other than concrete throughout his career. He has performed condition surveys and nondestructive evaluations on structures constructed of wood, masonry, steel, and others.

Education

Master of Science in Civil Engineering, 2014,
Focus in Structural Engineering, University
of Illinois at Urbana-Champaign

Bachelor of Science in Civil Engineering, 2012,
University of Illinois at Urbana-Champaign

Licensure | Certifications

Licensed Structural Engineer IL

Professional Engineer IL

Construction Documents Technologist (CDT)

Professional Affiliations

American Concrete Institute (ACI)

Voting Member, Committee S806-Young Professional
Activities

Associate Member, Committee 201-Durability of Concrete
Associate Member, Committee 222-Corrosion of Metals in
Concrete

Associate Member, Committee 365-Service Life Prediction

American Institute of Steel Construction (AISC)

International Concrete Repair Institute (ICRI)



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Publications | Presentations

"Fiber-Cement Panel Siding Nail Head Pull-Through Resistance," *The Construction Specifier*, J.W. Arnold, C.P. Rueb, and K.R. Hoigard, January 2022

"Signs of Deterioration and Underlying Mechanisms," SEAOL/ICRI Chicago Chapter, 2019 Assessment and Repair of Concrete Structures Seminar, C.P. Rueb and A. Bentivegna, November 7, 2019

"The Curious Case of Pour 1B: Investigation of Concrete Strength and Durability Issues," *The Construction Specifier*, R.C. Haukohl and C.P. Rueb, September 2018