

Structural / Civil Engineering + Construction Management



HIGHER EDUCATION

Rubinos &
Mesia
Engineers, Inc.



ABOUT RME

RUBINOS & MESIA ENGINEERS, INC. (RME), a MBE, was established in 1982 as a Chicago based Structural / Civil Engineering and Construction Management Firm.

RME has established a reputation among leading Consultants by demonstrating its technical abilities and exceeding client expectations. RME's staff works diligently in a team environment to provide our clients with the highest quality product, on time and within budget. Our principals and staff have experience with a great variety of civil and structural projects. Over the years, RME has been the proud recipient of over 30 awards in various categories.

RME AT-A-GLANCE

RME has...

- > A large pool of Structural and Civil Engineers that have intimate design and evaluation experience.
- > Demonstrated ability to successfully anticipate and navigate project challenges on a consistent basis.
- > Successfully completed more than 2,000 projects.
- > A well diversified project portfolio from over 34 years of experience.
- > Built successful long-term relationships with numerous Agencies, Architectural and Engineering firms.

Project Types

Educational Facilities: Higher Ed. & K-12
Historic Renovations & Rehabilitations
Residential
Healthcare Facilities
Municipal Facilities
Industrial Facilities and Utilities
Site Design
Airport/Aviation
Rail Structures and Facilities
Mass Transit
Bridge Design / Reconstruction
Roadways
Tunnels and Tunnel Structures
Water / Waste Water Facilities



Higher Education Project Experience

RME has a strong reputation in structural and civil engineering design services for Higher Education facilities throughout the state of Illinois. Our engineers have expertise and experience in new construction, exterior and interior renovation, additions, rehabilitation, inspections, studies, assessments and professional engineering retainers. In our 25+ years in Higher Education, we have successfully completed more than 75 projects as a Prime and Sub-consultant.



UIUC Ikenberry Commons Bousfield Hall

RME provided Structural Engineering services for this six-story residential building of 180,000 GSF and total bed count of 484. RME also provided structural engineering services for another phase of this project at Wassaja Hall.



EIU Doudna Fine Arts Center

RME was selected as the Structural and Civil Engineer of Record for the three new fine arts buildings to complement the two existing fine arts buildings.



UIUC Integrated Bioprocessing Research Laboratory

RME was selected to provide Civil Engineering for the new laboratory site for the first CDB/UIUC design build project. The fast paced nature of this project requires design of the site improvements on a very fast track pace to meet the overall project commissioning requirements.



UIC Engineering Innovation Building.

RME provided Structural and Civil Engineering services. This building will house the chemical, mechanical and industrial, and civil and materials engineering departments. Building will contain instructional space, faculty offices and research labs including a Structural High-Bay testing laboratory.



The University of Chicago Lab School Earl Shapiro Hall.

RME provided Structural Engineering services including services during construction for this building.



UIUC NCSA Petascale Computing Facility

RME provided Structural Engineering services from concept to completion for this 88,000 sq ft facility that achieved Gold LEED certification.



The University of Chicago Gordon Parks Arts Hall

RME provided Structural Engineering services including conceptual and detailed structural design, BIM/Revit model development & coordination and services during construction of the building.



Trinity Christian College Theater

RME provided Structural and Civil Engineering services for the preparation of construction documents and specifications.



UIUC Thomas M. Siebel Center for Computer Science

RME provided Structural Engineering services for this "smart" building. It incorporates cutting-edge technology and was designed with anticipation of future evolutions and technology.



NIU Stevens Building

RME is providing Civil Engineering services for the construction of 33,000 square foot additions to the Stevens Building and renovation of 67,000 square feet in the Stevens Building.



The University of Chicago Mandel Hall

RME was responsible for aiding the Architectural team in evaluating the structure. After identifying the deterioration, RME developed details for the repairs of the structural elements.



UIUC Altgeld Hall & Illini Hall Renovation Feasibility Study

RME provided Structural Engineering services including services as a sub-consultant. The team conducted a feasibility study and concept design to explore redevelopment strategies that would restore these two historic buildings to a level consistent with a world class academic institution.



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

UIUC Civil Engineering Retainer

RME was chosen to provide Site & Civil infrastructure improvements for campus facilities as the need arises. Improvements include stormwater, utility, roadway and parking lot improvements.



The University of Chicago Lab School Renovation

RME provided Structural Engineering services including services during construction. The project consisted of structural renovation of 313,000 sq ft of space for educational needs and the upgrading of mechanical systems.



UIC Advanced Chemical and Technology Building

RME provided Structural Engineering services for this State-of-the-Art, 5 story, "L" shaped laboratory building which will be approximately 142,000 sq. ft.



UIC Critical Examination

RME provided Structural support to the critical examination of the facades of various campus buildings. Seven buildings were included in this assessment program.



University Center of Lake County

RME provided Structural Engineering services. The project consisted of a three story building with partial base-ment, 91,100 square foot, higher education facility located adjacent to the College of Lake County.



UIUC Pennsylvania Avenue Residence (PAR) Dining Remodel

RME provided Structural Engineering services for this 51,000 sq. ft. project which included the reconfiguration, upgrading and modernizing the dining rooms, dining services facilities and related support spaces, such as offices.

CONTACT

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