

STRUCTURAL SERVICE OVERVIEW

WHAT WE DELIVER

MSI's structural group excels in designing and analyzing diverse projects, from agricultural buildings to transportation systems. With a focus on safety and stability, we offer comprehensive solutions for various construction needs. Our experienced team specializes in structures made from concrete, steel, masonry, and wood, providing design and analysis services for both new construction and rehabilitation projects.

Committed to delivering safe, durable, and cost-effective solutions, we also offer forensic services, investigating structural failures or deficiencies. Through innovative problem-solving and attentive client collaboration, we tailor our approach to meet each client's specific needs and goals.

CLIENTS WE SERVE

- Federal and State Agencies (e.g., USACE, USDA, IDNR, IDOT)
- Local Public Agencies and Water Districts
- Commercial, Industrial, and Institutional Clients
- Architectural, Engineering, and Construction Firms
- Legal, Real Estate, Banking, and Insurance Professionals
- Homeowners

OUR SERVICES

STRUCTURAL DESIGN & ENGINEERING

- Building Design
- Building Retrofit
- Residential Structural Investigations
- Commercial Structural Investigations

BRIDGES & STRUCTURES

- Highway Bridges
- Industrial Bridge Crane Supports

RETAINING & SUPPORT STRUCTURES

- Retaining Walls
- Elevated Tank Supports
- Underground Concrete Tanks
- Water/Wastewater Retainment Structures

FOUNDATIONS & EXCAVATIONS

- Braced Excavations
- Machine Foundations
- Foundation Remediation

ASSESSMENT & EVALUATION

- Structural Deficiency & Failure Evaluation

