



Walter P Moore is an international company of engineers, architects, innovators, and creative people who solve some of the world’s most complex structural, technological, and infrastructure challenges. Providing structural, diagnostics, civil, traffic, parking, transportation, enclosure, technology consulting, and construction engineering services, we design solutions that are cost- and resource-efficient, forward-thinking, and help support and shape communities worldwide. Founded in 1931, our 1,000+ professionals work across 27 U.S. offices and eight international locations.

**MISSOURI OFFICE**

1100 Walnut Street, Suite 1825 · Kansas City, Missouri 64106  
 Established: 1972 (Acquired by Walter P Moore in 1999)

**INFRASTRUCTURE**

- Civil Engineering
- Traffic Engineering
- Transportation Engineering
- Water Resources Engineering

**STRUCTURES**

- Structural Engineering
- Enclosure Engineering
- Parking
- Secure Design
- Construction Engineering

**DIAGNOSTICS**

- Restoration & Renovation
- Enclosure Diagnostics
- Parking Restoration
- Forensic Analysis

**TECHNOLOGY**

- IT Managed Services
- Cybersecurity
- Software Development
- Immersive Collaboration

**FOUNDED**

**1931**

**INCORPORATED**

**1966**

**TOTAL STAFF COUNT**

**1000+**

**LICENSED PROFESSIONALS**

**313**

# Infrastructure

## Civil Engineering

- Master Planning
- Land Development
- Site Development
- Roadway Design
- Utility System Design
- Geomorphology

## Traffic, ITS, and Transportation Planning

- Transportation Planning
- Traffic Engineering Studies
- Traffic Engineering Design
- Intelligent Transportation Systems

## Transportation Engineering

- Highways / Toll Roads / Roadways
- Transportation Structures

## Water Resources Engineering

- Water Supply
- Floodplain Management
- Storm Water Services

Thriving, vibrant communities begin with intelligent engineering. We know this from firsthand experience. We collaborate with architects, owners, and public agencies to meet the challenges inherent in providing new infrastructure and maintaining existing facilities.

Our complementary services include civil engineering, traffic engineering, transportation engineering, and water resources engineering, laying the groundwork for dynamic places and spaces. Our passion drives us to find better solutions for our client's needs while maintaining the public's trust. We leverage teamwork and expertise across our entire platform of resources to provide an extraordinary client experience. Our proactive involvement and innovative ideas allow us to provide cost-effective and community-enhancing solutions.



# Structures Group

## Structural Engineering

- New Building Design
- Building Expansions
- Adaptive Reuse
- Seismic Design and Retrofits
- Structural Peer Review

## Enclosure Engineering

- Performance Specification
- Design Criteria Development
- Façade Structural Design
- Procurement Guidance
- Performance Validation

## Construction Engineering

- Long Span Roof Erection Steel Connection Design
- Temporary Underground Structures
- Steel Fabrication Optimization

## Parking

- Design Team Project Management
- Parking Consulting
- Parking Design
- Construction Engineering
- Long Span Roof Erection Engineering
- Steel Connection Design
- Temporary Underground Structures
- Steel Fabrication Optimization

## Secure Design

- Threat and Protection Criteria
- Blast Design
- Bullet and Forced Entry
- Resistant Design
- Glass Hazard Mitigation
- Progressive Collapse Design and Analysis
- Vehicle Impact Design
- Structural Retrofits and Hardening

Walter P Moore's Structures Group offers an integrated suite of engineering services that provide value-based solutions for clients worldwide. We collaborate with architects, owners, and builders to develop elegant, cost-efficient, and constructible structural systems for buildings of all types, focusing on those with the most interesting and challenging opportunities.

Our complementary services include enclosure engineering, parking consulting, construction engineering, secure design, sustainability, and structural diagnostics, providing a holistic design approach that brings value at every step in a structure's life cycle. Our passion drives us to find better solutions for our client's challenges across a broad spectrum of project types and locations. Sports venues, airports, hospitals, convention centers, performance venues, and tall buildings are among our most active sectors. We leverage teamwork and expertise across our entire platform of resources to provide an extraordinary client experience. For us, innovation is a design imperative, not optional. Finally, we strive to be engineering leaders at every stage of each project, bringing ideas and stewardship to our client's visions and our world's resources.



# Diagnostics

## Enclosure Diagnostics

Enclosure Assessment/Repair/  
Recladding/FISP  
Waterproofing (Above/  
Below-Grade)  
Roofing  
Enclosure Design Assist/Full Design  
Enclosure Commissioning  
Third-Party Enclosure  
Design Review  
Facade Access and Maintenance  
Performance Modeling/  
Building Health

## Forensic Analysis

Failure Analysis  
Litigation Support  
Insurance Claims Consulting  
Premises Liability  
Emergency Response  
Fire Damage Assessment/Repair  
Vibration Consulting

## Parking Restoration

Parking Structure Assessment  
and Repair  
Capital Asset Management  
Plan (CAMP)  
Durability and Life-Cycle Analysis

## Restoration / Renovation

Structural Assessment/  
Strengthening  
Bridge Assessment/Rehabilitation  
Historic Restoration  
Stadium/Venue Restoration  
Flood Mitigation  
Corrosion Mitigation  
Materials Consulting  
Nondestructive Evaluation  
Structural Peer Reviews

Walter P Moore helps clients maximize their return on building investment. Backed by a long history of successful engineering and forensic analysis, our Diagnostics staff consists of licensed professional engineers, registered architects, and building enclosure consultants that assess existing conditions and determine causes of distress. Our projects involve restoring and renovating structures and building enclosures. Existing structures are our main focus. We design practical, cost-effective solutions to restore and extend the life of your assets. Our in-house capabilities also include nondestructive testing, structural health monitoring, and complex structural analysis.

