

# Insurance and Litigation Support Consulting Contacts



# Insurance and Litigation Support Consulting

Walter P Moore's Insurance and Litigation Support Consulting team consults and directs the investigation of civil and structural losses. Our firm's 88 years in designing and solving challenging structural, enclosure, and infrastructure issues has created an environment that celebrates creative problem solving.

We support your organization with forensic analysis to determine the cause and origin of complex matters. Our thorough and responsive investigations provide you with details to resolve matters and move cases forward. Our 700+ professionals, strategically placed in the US and abroad, offer a full array of services and capabilities.



## Main Contact

**Dan Orlich**  
Principal / Senior Business Developer  
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# South Central

## Contact



- Matthew Pavelchak, PE
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## Matt Pavelchak, PE

### Vibration Consulting / Failure Analysis / Industrial Structures / Healthcare

Matt focuses on litigation support and insurance consulting associated with structural and building enclosure issues which arise in the built environment. He has extensive experience with forensic evaluations related to alleged construction defects, design deficiencies, and/or differing site conditions. Matt determines the root cause of the issues and provides engineering feedback to assist clients in the dispute resolution process. He has provided testimony related to reinforced concrete structures, steel structures, and timber construction, as well as foundation movement and design. He resides in Houston and joined Walter P Moore in 2010.

## Dr. Jacob Bice, PhD, PE

### Structural Evaluation / Failure Analysis

Jacob has experience with diversified aspects of structural engineering analysis, design, and management. He specializes in the evaluation of existing structures, nondestructive testing, and concrete durability. Jacob performs forensic investigations for construction defects and design deficiencies and has provided testimony related reinforced concrete, post-tensioned concrete, concrete durability, foundation and building movement, and building enclosure. Jacob resides in Dallas and has been with Walter P Moore for 12 years.

## Dr. Mark Williams, PhD, PE, SE

### Bridges / Structural Evaluation / Failure Analysis / Industrial Structures

Mark has extensive experience in structural engineering analysis, design, and management. His national award-winning projects involve bridge assessments and forensic studies. Mark has performed forensic investigations and testimony related to standard of care for concrete restoration and bridge design. He is a Houston resident and joined Walter P Moore in 2004.

## Dr. Hakim Bouadi, PhD, PE

### Structural Evaluation / Failure Analysis / New Design Evaluation

Hakim's expertise includes new design, as well as evaluating and designing repairs for distresses related to steel/concrete structures and façades. He has performed forensic investigations and testimony related to construction defect and design deficiencies related to reinforced concrete structures, steel structures, foundation design and building movement. Hakim resides in Houston and has been with Walter P Moore for 22 years.

## Dan Barbuto, PE

### Structural Evaluation / Failure Analysis

Dan has 11+ years of engineering experience with a focus on forensic analysis and property insurance claims. He performs structural investigation and design for concrete, steel, wood, and masonry systems. For enclosures, Dan's expertise includes evaluation and design of stucco, EIFS, and brick masonry cladding, as well as cement board siding. For roofing systems, he reviews asphalt shingle, MOD-BIT, metal panel, and single-ply materials. Dan has extensive experience with catastrophic loss event assessments, and has been with Walter P Moore for seven years.

# South Central

## Abhishek Aggarwal, PE

### Parking Garages / Structural Evaluations / Failure Analysis

Abhishek is a Project Manager that focuses on providing solutions to problems for the built environment. His educational background is in structural and seismic engineering. Abhishek's expertise includes structural assessment and design, nondestructive testing and structural strengthening of concrete and steel structures. He also has experience with catastrophic loss event assessments, including tornadoes, wind damage, and industrial explosions. Abhishek resides in Dallas and has been with Walter P Moore for six years.

## Jackie Byndas Prakhov, PE

### Building Enclosure / Roofing & Waterproofing / Enclosure Commissioning

Jackie is an Engineer in our Dallas Diagnostics group who specializes in building enclosure consulting and forensic engineering. Her expertise includes evaluating and designing repairs for distress related to all elements of enclosure systems. Jackie specializes in analyzing existing enclosure construction and enclosure designs to determine likely causes of water infiltration and appropriate repairs. She routinely partners with architects and building owners to assess and test building enclosures, optimize waterproofing designs, and ensure quality during construction.

## Andy Yung, PE, CFM

### Hydraulic Design / Hydrology / Flood Management

With more than 27 years of experience as an engineer, planner, and hydrologist, Andy has managed engineering projects involving hydrology, hydraulics, master drainage studies, channel modification and hydraulic structure designs, watershed impact analyses, detention facility designs, and dam safety analyses. He provides technical and peer review for flood damage reduction projects. Andy has performed forensic investigations and testimony related to flood analysis and hydraulics. He lives in The Woodlands, Texas, and joined Walter P Moore in 1996.

## Amanda Istre

### Business Development

With a rich background in public relations, Amanda is able to easily relate to others and discern client needs. Having honed her techniques for the past 10 years, she is skilled in maintaining and developing strategic relationships while staying up to speed on industry knowledge. Amanda is a Houston resident and joined Walter P Moore in 2018.

## James Davis PE, LEED AP, ENV SP

### Site Development / Roadways / Civil Engineering

James Davis has 20 years of experience in civil engineering design. He works on projects that include site development, roadway reconstruction, and water and wastewater distribution system projects for private and public clients. James' attention to detail and coordination of the civil design with other disciplines (i.e. architect, plumbing, and landscape) help eliminate potential issues during construction. He joined Walter P Moore in 2014 and is a resident of Dallas, Texas.

# South Central

## Kelly Dillard, PE, CFM

[Flood Risk Assessments](#) / [Flood and Stormwater Management](#) / [Drainage Policy Guidance](#)

As the Water Resources Engineering Managing Director for North Texas, Kelly brings almost 30 years of municipal drainage consulting project experience. She enjoys working with client's stormwater staff and developing a framework for managing their departments and budgets. Her areas of expertise include analysis, design, and criteria/policy development and guidance for municipal stormwater programs as well as regional water resources and FEMA FIS Mapping projects. She served as Secretary of the Texas Floodplain Management Association from 2016-2018. Kelly is a Fort Worth resident and joined Walter P Moore in October of 2019.

## Dr. Andres Salazar, PhD, PE, D.WRE

[Site Drainage](#) / [Hydrologic and Hydraulic Systems](#) / [Water Rights](#)

A recognized expert in water resources engineering, Andres is experienced in steady/unsteady modeling, river basin and reservoir operations, and water resources planning. He has performed forensic investigations and provided testimony related to hydraulic systems design. Andres possesses special expertise in hydrologic and hydraulic systems that are key to creating an effective sustainable site drainage design. He resides in Houston and joined Walter P Moore in 2009.

## Doug Coenen, PE, ENV SP

[Civil Site Design](#) / [Flood Mitigation](#) / [Pavement Assessment](#)

Doug has 23 years of experience including civil site design, roadway design, utility main extensions, pavement studies and repair plans, and hydrology and hydraulics. He has performed forensic investigations related to flooding, flood protection, pavement, erosion, utility design, detention ponds, floodplains, and stormwater quality. He is a resident of Kingwood, Texas and joined Walter P Moore in 2008.

## Randolph Schulze, PE, PTOE, PTP

[Traffic Engineering](#) / [Personal Injury Claims](#) / [Construction Claims](#)

Randy's assignments across the United States and abroad have included transportation master plans, traffic systems management, transit studies, safety and street improvement studies, area-wide transportation studies, access studies, signal design, traffic impact studies, and traffic control plans. Randy has provided reports, given depositions, and testified at trial in cases involving alleged defects in traffic control plans and construction documents. He lives in The Woodlands, Texas and joined Walter P Moore in 2000.

## Ernest Fields PE, LEED AP

[Site Drainage](#) / [Retaining Walls](#) / [Erosion](#)

Ernie has more than 25 years of experience in civil engineering design. He specializes in the design of retaining walls, channel drainage improvements, and storm water systems. Ernie was recognized by the Texas Public Works Association as the 2013 Technical Innovation Award recipient. He has performed analysis and testimony related to drainage issues like erosion and sedimentation, localized flooding, site runoff, and retaining wall failures. He resides in Dallas and joined Walter P Moore in 2005.

# Southeast

## Contact



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## Webb Wright, PE, RRO

### Structural Evaluation / Failure Analysis / Residential

Webb has comprehensive engineering experience in structural analysis, as well as the investigation and evaluation of distressed/failed materials involving a broad range of structural, civil and architectural systems. He performs assessments and repairs of masonry, concrete, steel and timber structures and has provided testimony related to design and construction defect claims for building enclosures and structures. Webb is a Level 1 and Level 2 PTI Inspector and a Registered Roof Observer. He resides in Orlando and has been with Walter P Moore for 14 years.

## Dr. Javier Balma, PhD, PE

### Corrosion Evaluation / Structural Evaluation / Failure Analysis

Javier has performed extensive research in the area of corrosive materials protection systems and testing methods. He has worked on the rehabilitation of structures by performing condition assessments, as well as design and construction administration services. Javier has experience with nondestructive evaluation methods such as short-pulse radar/GPR, impulse response, ultrasonic pulse velocity, and corrosion testing of concrete reinforcing steel. He resides in Orlando and joined Walter P Moore in 2005.

## Darek Brandt, PE

### Building Enclosure / Roofing & Waterproofing / Enclosure Commissioning

Darek has 14 years of building enclosure experience. He specializes in building enclosure commissioning and also develops work scopes, repair details/procedures, and technical specifications for restoration projects. Darek's expertise also includes assessing and designing repairs for distress related to masonry, stone facades, concrete structures, building envelope moisture management, roofing systems, and below-grade waterproofing. He resides in Orlando and recently joined Walter P Moore.

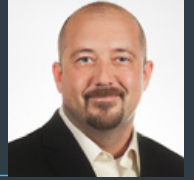
## Jason Golzbein, PE

### Structural Evaluation / Parking Structures / Corrosion Evaluation

Jason experience is focused on structural analysis and repair design. He conducts nondestructive evaluations such as GPR, impact echo, impulse response, UPV, and half-cell corrosion potential. Jason has concentrated experience with the structural assessment of bridges and parking garages, as well as construction administration for repair projects. He resides in Miami and has been with Walter P Moore for six years.

# Midwest

## Contact



- Kyle Dominisse, PE, SE, LEED AP
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## David T. Ford, PE, RRC, RWC, LEED AP

### Building Enclosure / Waterproofing / Roofing

David has more than 15 years of experience related to building science, façades, building envelope moisture management, roofing systems, below-grade waterproofing, and parking garages. He performs investigations and field testing of historic and high-rise buildings, building facades, parking garages, and structural framing systems. David has testified on numerous construction and design defect issues involving roofing, facades, wall systems, and waterproofing. He serves as chair of the Building Enclosure Council Kansas City Chapter and is a voting member of the American Society of Testing and Materials. David resides in Kansas City, Missouri and joined Walter P Moore in 2005.

## Kyle Dominisse, PE, SE, LEED AP

### Sports Venues / Structural Evaluation / Failure Analysis

Kyle's expertise includes multi-story concrete and steel framing analysis, arena analysis and design, vibration analysis, and gravity/lateral load analysis. He has extensive computer modeling experience in new construction and existing building investigations. Kyle routinely performs litigation studies, condition assessments, and develops repair details and procedures for renovation and rehabilitation projects. He resides in Lenexa, Kansas and joined Walter P Moore in 2005.

# Northeast

## Contact



- Christopher Pinto, PE
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## Christopher P. Pinto, PE

### [Structural Evaluation](#) / [Failure Analysis](#) / [Claims Consulting](#) / [Historic Structures](#)

Chris began his career in structural and civil engineering in 1998. He has extensive experience evaluating and repairing structures with a variety of functions— from government facilities to major sports venues to airports to residential and commercial buildings—as well as providing litigation support services and consulting for emergency and disaster response. Though his project experience touches all aspects of forensic analysis and design, Chris has specific focus in restoring historic structures and evaluating structural issues in unusual situations. He resides in New York City and recently joined Walter P Moore.

## Dr. Michele Cyr, PhD, PE

### [Structural Evaluation](#) / [Failure Analysis](#) / [Construction Material Evaluation](#)

Michele has more than 15 years of forensic engineering experience. Her expertise is in the properties and performance of structures and construction materials, especially concrete and cement-based materials. Michele performs post-disaster, structural damage assessments, following earthquakes, hurricanes, and fires. She has conducted a variety of building investigations, including the evaluation of concrete, fireproofing, roofing materials, windows, curtain walls, flooring, water intrusion, and vapor transmission through concrete slabs. Michele resides in New York, New York, and recently joined Walter P Moore.

## Steve Treser, AIA, PE

### [Building Enclosure](#) / [Waterproofing](#) / [Failure Analysis](#)

Steve's 35-year career has spanned welding, steel, sheet metal, construction, architecture, and engineering. He is a licensed engineer and architect with expertise evaluating and designing repairs for buildings with distress related to stone and clay masonry, building envelope moisture management, concrete structures, below grade waterproofing, and roofing systems. Steve performs building envelope assessments on new and historic structures with issues related to design and construction deficiencies, as well as post-disaster building envelope assessments following hurricanes and earthquake events. Steve resides in Blacksburg, Virginia, and joined Walter P Moore in 2019.

## James Napoli, PE

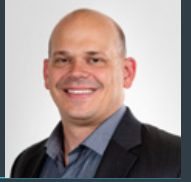
### [Structural Evaluation](#) / [Failure Analysis](#) / [Claims Consulting](#)

James has more than 10 years of experience in building diagnostics and forensic engineering. He possesses a vast knowledge of various building systems throughout New York City and the surrounding area. This allows him to provide expert opinions concerning a variety of damage conditions. James is a cause and origin investigator of building failures and construction defects, as well as an experienced catastrophe damage consultant and accomplished litigation support deponent. He resides in New York, New York, and recently joined Walter P Moore.



# West

## Contact



- Chris KahaneK, PE, SE, AIA, CMEngNZ
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## Annie K. Lo, AIA, LEED AP

### [Building Enclosure](#) / [Historic Structures](#) / [Waterproofing](#)

Annie has more than 12 years of experience as an architectural enclosure specialist. Her expertise includes assessing and designing repairs for distress related to clay masonry, stone facades, concrete structures, building envelope moisture management, roofing systems, and below-grade waterproofing on concrete substrates. She resides in San Francisco and recently joined Walter P Moore.

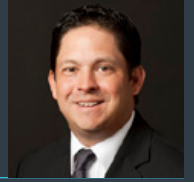
## Christopher KahaneK, PE, SE, AIA, CMEngNZ

### [Structural Evaluation](#) / [Architectural Forensics](#) / [Seismic Evaluations](#) / [Litigation Support](#)

Chris is a licensed architect and structural engineer with more than 15 years of experience in design and forensic consulting. Over the past decade he focused on assessing and mitigating damage to various structures and building envelopes affected by earthquakes, fire, and storm events. Chris has provided a variety of services including risk evaluation, retrofit design, repair design, project management, code compliance consulting, litigation support, and trial testimony. He resides in Los Angeles and recently joined Walter P Moore.

# International

## Contact



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## CENTRAL/SOUTH AMERICA

### Panama City, Panama

#### Eladio Guardia, PE

[Structural Evaluation](#) / [Seismic Evaluation](#) / [Code Compliance](#)

Eladio has more than 15 years of experience in residential, commercial, hospitality and healthcare projects. In his previous employment at the Panama Canal, he studied the new Seismic Information prepared by URS for the Canal Expansion and the effects on the Panama design code. Eladio resides in Panama City and recently returned to Walter P Moore.

#### Luis Buitrago, PE

[Structural Evaluation](#) / [Seismic Evaluation](#) / [Corrosion Evaluation](#)

Having worked in the AEC industry since 2007, Luis' expertise is focused on the structural design of high-rise, commercial, and residential buildings. Luis is skilled in performance-based seismic design in Central America and his expert opinion is highly sought after. He is a licensed professional engineer in Panama and joined Walter P Moore in 2017.

## CANADA

### Toronto

#### Maziyar Bolour, PEng

[Building Sciences](#) / [Structural Evaluation](#) / [Parking Structures](#)

Having joined the AEC industry in 1997, Maziyar is experienced in structural design, evaluation, and rehabilitation of buildings with residential, commercial, and industrial occupancies. He routinely completes detailed condition assessments and technical audits for insurance companies, owners, and developers. He resides in Toronto and recently joined Walter P Moore.

## Who We Are

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 and headquartered in Houston, Texas, our 700+ professionals work across 21 U.S. offices and five international locations.