



## COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal  
Name:

Walter P. Moore and Associates, Inc.

Firm Contact Name:

Daniel Brown, PE, LEED AP, ENV SP

Contact Email  
Address:

DLBrown@walterpmoore.com

Firm's Mailing Address:

1100 Walnut, Suite 1825, Kansas City, Missouri 64106

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**



# Traffic Engineering & TEAP: Key Personnel



**Seth Franks, PE**  
**Senior Traffic Engineer**  
1 Year with Walter P Moore

Seth Franks has more than 12 years of experience in diversified aspects of traffic

engineering. His computer expertise includes MicroStation V8i, GEOPAK, HEC-RAS, HY-8, and TxDOT Lonestar. His previous experience includes serving as the Assistant Area Engineer, District Traffic Engineer, and Director of Transportation Operations for the TxDOT Lufkin District.

## Relevant Project Experience

- **ODOT On-Demand Traffic Engineering Services**, Various Locations, OK
- **TxDOT Traffic Studies**, Amarillo District, TX
- **TxDOT FM 707 Schematic and Environmental**, Abilene, TX
- **TxDOT Districtwide Intersection Improvements 1, 2, and 3**, Lufkin District, TX
- **TxDOT Districtwide Signal Upgrades**, Lufkin District, TX
- **TxDOT Speed Studies**, Lufkin District, TX
- **TxDOT FM 350 S at Livingston High School Signal Warrant Analysis**, Livingston, TX
- **TxDOT SH 103 at FM 842 Signal Warrant Analysis and Signal Design**, Lufkin, TX
- **TxDOT US 59 Moffett Interchange High Mast Illumination, Pavement Marking, and Signal Design**, Lufkin, TX
- **TxDOT US 69 at Chimney Rock Drive Signal Warrant Analysis and Signal Design**, Lufkin, TX

## Education

B.S., Civil Engineering, Texas A&M University, 2013

## Registrations

**Professional Engineer Missouri #2025015320**  
TxLTAP Local Government Project Procedures



**Jennifer Peek, PE, PTOE, PTP**  
**Managing Principal**  
27 Years with Walter P Moore

Jennifer Peek is a seasoned traffic engineer with more

than 27 years of experience. She specializes in traffic engineering studies, traffic control plans, signal design, and multimodal mobility strategies. Jennifer excels at balancing operational needs, stakeholder priorities, and long-term planning considerations to develop solutions.

## Relevant Project Experience

- **TxDOT El Paso Traffic Signal Timing**, El Paso, TX
- **TxDOT Traffic and Toll Feasibility Studies**, Dallas, TX
- **TxDOT Incident Management Plans**, El Paso, TX
- **TxDOT ITS/Traffic On-Call Services**, El Paso, TX
- **TxDOT On-Call Services**, El Paso, TX
- **TxDOT Traffic Engineering On-Call Services**, Houston and San Antonio, TX
- **TxDOT FM 2854 at Fish Creek Traffic Signal Design**, Conroe, TX
- **TxDOT Traffic Signal Warrant Studies**, Friendswood and Crystal Beach, TX
- **TxDOT Traffic Studies**, San Antonio, TX
- **TxDOT Traffic Counts**, Houston, TX
- **TxDOT US 62/180 Montana Avenue**, El Paso, TX

## Education

M.S., Civil Engineering (Transportation), University of Virginia, 1998

B.E., Civil Engineering, Vanderbilt University, 1996

## Registrations

**Professional Engineer Missouri #2006028555**  
Professional Traffic Operations Engineer 1003  
Professional Transportation Planner 278

# Traffic Engineering & TEAP: Project Experience



## Project Details

→ Project Date: 2025 - Ongoing

### ODOT On-Demand Traffic Engineering Services, OK

Walter P Moore was recently selected to provide on-demand traffic engineering services for ODOT, supporting a wide range of planning, safety, and design needs across the state. Our first work order involves designing intersection lighting for a new roundabout at SH-33 and Wildcat Drive in Carnegie, including preparing photometric analyses for ODOT approval and coordinating with the municipality to ensure the lighting layout meets agency guidelines and long-term maintenance requirements. This contract positions our team to deliver traffic signal and illumination design, traffic control plans, signing and pavement marking layouts, safety and operational studies, and updates to traffic engineering standards as future work orders are assigned.

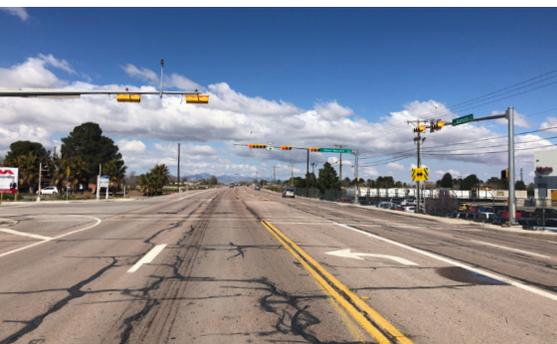


## Project Details

→ Project Date: 2020 - 2027

### TxDOT Amarillo Traffic Studies, Amarillo, TX

Walter P Moore is providing comprehensive traffic engineering services for TxDOT Amarillo, supporting corridor planning and operational improvements across the district. Our team has performed data collection and traffic projection modeling, completed traffic signal warrant analyses for 11 intersections (including updating four studies following the reconstruction of the corridor from a two-lane roadway to a four-lane divided highway) and conducted 65 speed studies. The contract also includes traffic signal studies, speed zone evaluations, travel time and delay studies, and traffic signal design to help TxDOT enhance safety, mobility, and system performance.



## Project Details

→ Completion Date: 2023

### TxDOT El Paso Traffic Signal Timing, El Paso, TX

Walter P Moore provided re-timing of the 56 traffic signals operated by TxDOT in the El Paso region. This project updated the signal timing to ensure compliance with TxMUTCD and coordinated the signals to improve travel times and the performance of corridors. Walter P Moore updated the Synchro models for both existing and proposed conditions. The proposed conditions required updating the calculations for all the yellow, red, and pedestrian timing and evaluating the coordination timing of the corridor. Walter P Moore prepared the Capacity Analysis Report and Final Timing Report which describes the levels of service for the intersections under existing and proposed conditions and an explanation for the updated traffic signal clearances. We coordinated with TxDOT for signal timing implementation and used a TxDOT signal shop computer to implement timing settings via ATMS software which communicates to their traffic signals. The final step after full implementation of the traffic signal settings was to fine-tune the corridors by adjusting offsets to provide the best coordination possible.



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

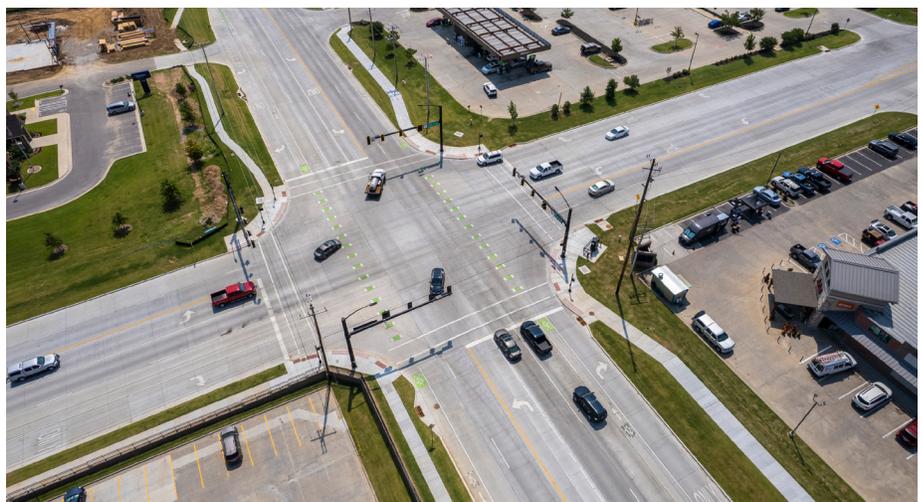
- Highways / Toll Roads / Roadways
- Transportation Structures

## 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.

