



Timothy J. Martin, P.E.

President

Mr. Martin has 30 years of pavement engineering experience, specializing in the design, performance, management, evaluation and forensic investigation of pavement structures. His application of design principles and research has optimized pavement designs for state highway design build projects, municipal pavement design, aviation and port pavement designs. An industry expert in the analysis and problem solving of pavement performance issues, he has led investigations into premature pavement failures for many clients across all market sectors. He has taught flexible pavement design to local agencies utilizing publicly available state agency software. He is a current member of ACI committees 325 and 330 and has contributed to those concrete pavement specifications. He is the Senior Vice President of Technical Services for the American Concrete Pavement Association. He is a frequent presenter at associations and technical conferences applying his research and case studies.

Prior experience before becoming Founder and President of 2TM Consulting Engineers, Mr. Martin was a Principal Engineer at CTLGroup for 7 years conducting forensic engineering for both asphalt and concrete pavements. While at CTLGroup Mr. Martin provided litigation support for counsel of many prominent paving contractors, facility owners and government agencies. He also was lead pavement engineer for the design of both flexible and rigid pavements for many design/build projects in Texas. Prior to his experience with CTLGroup, Mr. Martin was the Principal Investigator for the Southern Region of the Federal Highway Administration's (FHWA) Long Term Pavement Performance (LTPP) program. He also held positions as Division Manager, Business Development Director, and Operations Manager of the pavement engineering group for an international geotechnical engineering consulting firm.

Academic Credentials

M.S. in Civil Engineering
Texas A&M University, 1995

B.S. in Civil Engineering
Texas A&M University, 1993

Licensure/Certification

Professional Engineer:
AR, GA, KS, LA, MA, MI, MO,
NE, NM, NY, OK, TX, NCEES

Affiliations

American Concrete Pavement Assoc.
American Concrete Institute
American Public Works Association
American Society of Civil Engineers
Nat. Society of Professional Engineers
Society of American Military Engineers
Transportation Research Board

Contact Information

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Awards

TSPE Engineer of the Year-2022
Distinguished Graduate - 2021
TSPE Young Engineer of the Year-2002
Chi Epsilon

Representative Project Experience

Pavement Design

- Lead pavement engineer for the proposed SH 360 in Mansfield, TX. Retained to develop the deflection, profile, and distress data collection plan, and analyzed the data to assess the structural capacity of the existing rigid pavements. Conducted remaining life analysis utilizing projected traffic loadings, and reviewed the coring/boring information to help characterize in-situ materials. Mr. Martin also prepared rehabilitation plans for the different sections of main lanes, and new designs provided for ramps, temporary roadways, and cross streets.
- Project manager for a research study evaluating different pavement design procedures for the TXDOT Odessa District. Fifteen sites were selected to provide data for the research program, and Mr. Martin was responsible for reviewing the soil test results from each section, collecting in-situ data via Light Weight Deflectometers and Falling Weight Deflectometers, and comparing the deflection testing results with the laboratory testing results.
- Lead Pavement Engineer in charge of providing pavement design review and approval of segment 4 of Loop 49 for the Northeast Texas Regional Mobility Authority (NETRMA). Developed the testing plan to evaluate the structural and functional condition of segments and conducted the structural analysis. Mr. Martin also analyzed GPR data and coring/boring information from the geotechnical engineer, assessed pavement failures, and prepared rehabilitation designs based on the evaluation.
- Lead Pavement Engineer for the Southeast Connector proposed submission. Mr. Martin worked with the contractor to develop pavement designs for both new construction and rehabilitation of US 287, I-820 and I-20. A pavement report was prepared which included a summary of the soils information, traffic analysis, life cycle costs, alternative technical concepts, and thickness designs utilizing different base types.
- As the Lead Pavement Engineer for the Bergstrom Parkway (US 183) proposed submission, Mr. Martin worked with the geotechnical engineer to evaluate the pavement design report provided by TXDOT, which included soils information, traffic loadings from TP&P, and life cycle cost analyses. He assisted in selecting boring locations, analyzed GPR data utilized to assess underground features, and prepared

flexible and rigid pavement designs.

- Lead Pavement Engineer responsible for developing flexible and rigid pavement designs for SH71. Mr. Martin was also in charge of providing construction phase services regarding material usage, placement issues, and specifications. Pavement designs included evaluation of traffic loading information from TP&P, subgrade soils information, and use of effective PI procedures to address expansive soils.
- Pavement Engineer for the proposed LBJ 635 East project in Dallas, Texas. Developed testing plans, reviewed geotechnical reports, traffic loading information from TP&P, and prepared rigid and flexible pavement designs for main lanes, frontage roads, ramps and cross streets.
- Pavement Engineer for the proposed Oak Hill Y project in Austin, Texas. Developed testing plans, reviewed geotechnical reports, traffic loading information from TP&P, and prepared rigid and flexible pavement designs for main lanes, frontage roads, ramps and cross streets.
- Provided pavement engineering support to the following Design Build projects in Texas: US183 Extension, US281, and SH45. Services included Rigid and Flexible pavement designs as well as thickness optimization, material selection and development of alternative technical concepts.
- Developed the Williamson County Pavement Design Guide as part of the Road Bond Program which included assessments of the City of Austin, TXDOT, and AASHTO pavement design procedures and local material properties and environmental conditions.
- Developed pavement designs for the following local roads: Clovis Barker Parkway, Annie Road, Waller Road, Executive Center Drive, Oltorf, Southwest Parkway, South 1st Street, Airport Road, Hancock Road, Leopard Road, County Road 214, Lewis Road, Optima Drive, Hobart Road, Princeton Road.
- Developed pavement designs for the following state routes: H.E. Bailey Turnpike, Will Rogers Highway, I-35 in Beckham County, Indiana Turnpike, State Highway 44, Highway 75, Grand Parkway SH-99, RM 1431, SH 29, US 281, SH 76, and US 169.
- Development of pavement designs for the Port of Kingstown, Nigel Nixon Partners, 2022.

Pavement Performance

- Principal investigator responsible for data collection and quality control of deflection, traffic, profile, friction, distress and material testing data for the Long Term Pavement Performance (LTPP) program for the Southern Region Contract Office in Austin, Texas, reporting directly to the Federal Highway Administration. Managed thirteen project staff, the data collection and monitoring activities of the LTPP test sections in the Southern Region, and personally monitored the construction of 13 of the specific pavement studies. Test sections included rigid and flexible pavement structural designs incorporating drainage features and varied base types, rehabilitation treatments of flexible and rigid pavements, maintenance treatments of flexible of rigid pavements as well as the assessment of environmental factors on flexible and rigid pavements in the absence of heavy loads.

Pavement Management

- Division Manager of Pavement Services in the Middle East and project manager of the Abu Dhabi Road Asset Management Information System for the Municipality of Abu Dhabi City managing ninety-seven staff. The scope included distress, profile, structural, traffic, skid, coring, asset data collection activities, engineering analysis and bridge inspections for 20,000 lane kilometers of roadway network.
- Implemented pavement management systems including network inventory and pavement condition data collection for Bell County, Bexar County, Brazoria County, Travis County, Universal City, City of Baytown, City of Cedar Park, City of Crandall, City of McKinney, City of Rockwall, City of Georgetown, City of San Antonio, Stinson Airfield, and Corpus Christi International Airport. Pavement management updates for pavement condition include Farmers Branch, San Luis Obispo, Joint Base Elmendorf/Richardson, Ft. Sam Houston, Sky Harbor International Airport, Deer Valley Airport, Port Newark, Port Elizabeth, GWB, SIB and Newark Liberty Airport.

Pavement Structural Evaluation

- Conducted a structural evaluation of the craneways at the Port of Freeport. This evaluation was conducted to assess the impact of the heavier cranes on the pavement performance. Deflection testing was conducted along with coring and borings of the existing pavements. A remaining life analysis was conducted to assess the number of operations in a loaded and unloaded condition. Rehabilitation recommendations were provided to accommodate the new cranes.
- Conducted a structural pavement evaluation of one of the births at the Port of Houston. Surface distress condition as well as deflection testing, coring and boring was conducted for the geotechnical engineering firm Fugro Consultants. Mr. Martin evaluated the deflection data, pavement condition information, and the anticipated loading conditions of the trucks, piggy packers, and craneways to provide pavement recommendations for future operations.
- Conducted a structural pavement evaluation at the Port of Oakland. Surface distress condition as well as deflection testing, coring and boring was conducted for the geotechnical engineering firm Fugro Consultants. Mr. Martin evaluated the deflection data, pavement condition information, and the anticipated loading conditions of the trucks, piggy packers, and craneways for each facility, as well as the container storage areas to provide pavement recommendations for future operations.
- Developed pavement designs for the Union Pacific Intermodal Facility in Wilmer, Texas near Dallas. Coring and boring was

conducted by the geotechnical engineering firm Fugro Consultants. Mr. Martin evaluated the anticipated loading conditions of the trucks, piggy packers, and craneways for the facility to provide pavement designs to accommodate the future loading operations.

- Conducted analysis for the network level structural evaluation of the State of Oklahoma DOT's 3,500 miles of National Highway System (NHS). Data collection and analysis included Falling Weight Deflectometer testing, Ground Penetrating Radar and over 1,750 cores and borings for evaluation and use by the Pavement Management Division of the Oklahoma DOT to enhance their maintenance and rehabilitation decision-making practices.
- Conducted pavement engineering for the Louisiana DOTD Submerged Roads Program after Hurricane Katrina to evaluate 200 miles of flooded roadways. The assessment included surface condition, deflection testing, as well as coring and boring programs. Remaining life analysis were conducted and resulted in \$100,000,000 in FEMA funding.
- Conducted structural pavement analysis for the following aviation facilities: Houston Intercontinental Airport, Houston Hobby Airport, Ellington Field, Mesquite Airport, Hondo Airport, Addison Airport, Arlington Airport, Austin Executive Airport, Corpus Christi International Airport, Dallas Love, McKinney Airport, Conroe Airport, and Grayson County Airport. Testing included falling weight deflectometer, coring and borings, as well as surface condition assessments. Rehabilitation recommendations were developed based on the structural testing for anticipated aircraft loadings.
- Conducted a structural and surface condition assessment for 31 miles of paved ranch roads to develop maintenance and rehabilitation recommendations.

Research Projects

- Pavement Management Performance Model Development for the Metropolitan Transportation Commission (MTC), 1994.
- NCHRP 1-32, "Systems for Design of Highway Pavements", November 11, 1997.
- NCHRP 1-34, "Performance of Subsurface Pavement Drainage", April 30, 1998.
- Western Research Institute, "Performance of Sulfur Extended Asphalt Pavement", May 7, 1997.
- FHWA, "Long Term Pavement Performance Program – Southern Region", 1995-2013.
- FHWA, "FWD Deflection-Time Data for Predicting Pavement Performance", DTFH61-95-C-00029, September 1996.
- CALTRANS, "Development of Performance Based Tests for Microsurfacing Mix Designs", August 2008-2009.
- FHWA, "The State-of-the-Technology of Moving Pavement Deflection Testing", 2009.
- FHWA, "LTPP Web Interface Portal – InfoPAVE Development", 2013.

Mr. Martin is a recipient of the TSPE Travis Chapter Young Engineer of the Year Award in 2002, Engineer of the Year in 2022 and the Texas A&M University Department of Civil and Environmental Engineering Distinguished Graduate Award in 2021.

Pavement Forensics and Litigation Support

- 2009 - Forensic Investigation of Princeton Road - City of Rowlett vs. Site Concrete (Subject Matter Expert/Expert Witness)
- 2013 - Forensic Investigation of XNA Runway - NW Arkansas Airport allegations against Harper Construction (Subject Matter Expert)
- 2014 - Forensic Investigation of Taxiway C - Offutt AFB vs. TCW (Subject Matter Expert)
- 2014 - Forensic Investigation of Pavement at Hillview - Carolina Casualty Insurance Group vs. Owner (Subject Matter Expert)
- 2014 – City of Los Angeles v. Tutor Saliba Joint Venture – Runway 25L forensics, engineering consulting and litigation support (Subject Matter Expert)
- 2014 - Forensic Investigation of Pavement at St. Francis Hospital - St. Francis Hospital allegations against Manhattan Construction, Wallace Engineering, & Terracon (Subject Matter Expert)
- 2015 - Forensic Investigation of Loop 1910 - City of Andrews vs. West Texas Consultants (Subject Matter Expert)
- 2015 - Forensic Investigation of McConnell AFB Pavement - USAF allegations against ECC (Subject Matter Expert)
- 2015 - Forensic Investigation of Liberty County Road - Liberty County allegations against EnLink Midstream (Subject Matter Expert)
- 2016 - Forensic Investigation of Grady Niblo Estates Concrete Pavement - Internal investigation requested by Austin Road & Bridge
- 2016 - Forensic Investigation of CR 300 - Internal Investigation requested by Loving County (Subject Matter Expert)

2016 - Forensic Investigation of Freight Terminal Pavement - MDM4 Holdings vs. Wallace Engineering, Langerman Foster, Korenek, Pearson Construction (Subject Matter Expert)

2017 - Forensic Investigation of RCC Pavement at CSX Intermodal - CSX vs. Logistics Concrete (Subject Matter Expert)

2017 - Forensic Investigation of 48th Street - City of Lincoln allegations against TCW (Subject Matter Expert)

2017 – Runway 7L-25R forensic investigation for Coffman Specialties and Griffith/Coffman (Subject Matter Expert)

2017 – MFG Concrete - Aberdeen SD Floor Slab – Forensic investigation and loading analysis (Subject Matter Expert)

2017 - Forensic Investigation of Wando Welch Terminal - Internal Investigation requested by Patrick Engineering (Subject Matter Expert)

2017 – Forensic Investigation of I-80 – Internal investigation requested by Contractor (Subject Matter Expert)

2017 - Forensic Investigation of Murphy USA Gas Station Pavement - Internal Investigation requested by JM Williams Construction (Subject Matter Expert)

2017 – City of San Antonio Water System v. SpawGlass – Investigation of pavement failures, forensics, engineering consultancy (Subject Matter Expert)

2017 – Diamond Coring v JM Sanzari – Document review, engineering consultancy and expert report (Subject Matter Expert/Expert Witness)

2017 – Honda Manufacturing of Indiana v. Global Performance, Poindexter Excavating, and Milestone Contractors – Forensic investigation of RCC pavement at the Honda facility (Subject Matter Expert)

2018 – Forensic Investigation of Concrete Pavement Taxiway at Kirtland AFB for AUI, Inc. – (Subject Matter Expert/Expert Witness)

2019 – Forensic Investigation of Concrete Pavement Joint Sealant Failures I-30 for Interstate Highway Construction, Inc. – (Subject Matter Expert)

2019 – Forensic Investigation of Water Blasting Damage to New Concrete Pavement, Burlington, VT for DA Collins – (Subject Matter Expert)

2019 – SH 130 Concession Company v. CTHC, Zachry Industries, and Ferrovial Agroman (Subject Matter Expert/Expert Witness)

2019 – Forensic Investigation of Full Depth Patches for West Virginia Department of Highway (Subject Matter Expert/Expert Witness)

2019 – Forensic Investigation of 4th Street for the City of Taylor (Subject Matter Expert)

2019 – Adversary Proceedings for SH 130 Concession Company v. CTHC, Zachry Industries, and Ferrovial Agroman (Subject Matter Expert/Expert Witness)

2020 – Forensic Investigation of Amazon Warehouse Pavement in San Antonio for Texas Materials Group (Subject Matter Expert/Expert Witness)

2020 – Forensic Investigation of Grand Avenue Parkway in Pflugerville for the City (Subject Matter Expert)

2021 – Forensic Investigation of SR 191 and SR 590 for American Asphalt Paving Co. (Subject Matter Expert)

2021 – Forensic Investigation of 5 Star Boat and RV Storage for DNT Construction, LLC (Subject Matter Expert)

2021 – Forensic Investigation of Intermodal Staging Area Repairs, Blount Island, for Up-Side Management Co. (Subject Matter Expert)

2021 – Forensic Investigation of Chip Seal Roadways for Jackson Walker LLP (Subject Matter Expert)

2021 – Forensic Investigation of Asphalt Failures, Pennsylvania (Subject Matter Expert/Expert Witness)

2021 – Forensic Investigation of 18-wheeler truck parking area for JLM Logistics (Subject Matter Expert)

2022 – Forensic Investigation of Pavement Cracking for I-25 Design-Build (Subject Matter Expert)

2022 – Compass Calibration Pad/Engine Run-up Facility, Mobile, AL (Subject Matter Expert/Expert Witness)

2022 – Forensic Investigation of Concrete Slabs, Midtown Commons, Austin, TX (Subject Matter Expert)
2022 – Forensic Investigation of Concrete Platforms, Charlotte, NC (Subject Matter Expert)
2022 – Forensic Investigation of Asphalt Pavement Cracking, Brentwood, Austin, TX (Subject Matter Expert)
2022 – Forensic Investigation of Jointed Reinforced Concrete Pavement, Rowe, TX (Subject Matter Expert)
2023 – Forensic Investigation of Asphalt Runway, Frio County, TX (Subject Matter Expert)
2023 – Forensic Investigation of Asphalt Roadway, New Braunfels, TX (Subject Matter Expert)
2023 – Forensic Investigation of Asphalt Runway, Basa Air Base, Phillipines (Subject Matter Expert)

Publications

Martin, T. "Pavement Design Guidelines for Streets and Roadways – Vol. I Data Collection and Analyses; and Vol. II Pavement Design Procedures." Williamson County Road Bond Program, June 2001.
Martin, T., Dunnam, Z. "Observations of Florida Highway Edge Drain Systems." Conference for the American Society of Civil Engineers, October 1999.
Martin, T., "The Effects of Traffic on a Performance Prediction Model." Masters Thesis, Texas A&M University, May 1995.

Conferences and Seminars

Presenter/Panelist

Martin, T. 2023. "Why Are We Running Steel Through Contraction Joints in JRCP?" ASCE CECON, September 20, 2023.
Martin, T. 2023. "Pavement Cracks – Types, Causes, and Repairs." SWCPA Workshop Series, August 22, 2023.
Martin, T. 2023. "Achieving Sustainability with Concrete Pavements." ASCE ICTD Pavement Conference, June 17, 2023.
Martin, T. 2023. "Long-Life Concrete Pavements Across the Country." Virginia Concrete Conference, March 17, 2023.
Martin, T. 2023. "The Case for Concrete Overlays for General Aviation Airports." 43rd Annual Portland Cement Concrete Pavement Conference, February 28, 2023.
Martin, T. 2023. "The Case for Concrete Overlays." 2023 Indiana Concrete Pavement Workshop, February 23, 2023.
Martin, T. 2023. "ACPA National Programs." Pennsylvania 25th Concrete Conference, February 22, 2023.
Martin, T. 2023. "Long-Life Concrete Pavements Across the Country." Maryland Quality Initiative, January 30, 2023.
Martin, T. 2023. "Joint Design, Construction & Sealing." World of Concrete, January 19, 2023.
Martin, T. 2022. "Required Documentation for Expert Reports." ACPA Annual Meeting, December 1, 2022.
Martin, T. 2022. "The Limitation of the PVR Method to Address Expansive Clay Soils." ASCE Civil Engineering Conference (CECON), September 16, 2022.
Martin, T. 2022. "Case Studies of Jointed Reinforced Concrete Pavement Failures." ACI Chapter Meeting, May 12, 2022.
Martin, T. 2022. "Case Studies of Workability Issues in Concrete Paving." ACI Annual Conference, March 28, 2022.
Martin, T. 2021. "How the Game is Changing." IGGA Annual Meeting, November 30, 2021.
Martin, T. 2021. "Specification Issues That Can Bite." 2021 TXDOT / Cement Council of Texas Concrete Conference, November 18, 2021.
Martin, T., Drerup, M. "FAA Construction Webinar." HalfMoon Education, November 2020.
Martin, T. 2020. "Jointed Concrete Pavements: Full-Depth Repairs." American Society of Civil Engineers, CECON, September 2020.
Martin, T., Powers, L. 2020. "Concrete Pavements: Full-Depth Repairs." CTLGroup Webinar Series, May 2020.
Martin, T. 2018. "Case Studies in Concrete Pavement Forensics." Advances in Materials and Pavement Performance Prediction

(AM3P), Doha, Qatar. April 17, 2018.

- Martin, T. 2017. "Case Studies of Roadway Deterioration." North Central Texas Public Works Association Educational Seminar, Ft. Worth, Texas. November 10, 2017.
- Martin, T. 2017. "A Primer on Concrete Pavement Forensics and Deterioration." 11th University Transportation Center (UTC) Spotlight Conference: Rebuilding and Retrofitting the Transportation Infrastructure. September 26, 2017.
- Martin, T. 2016. "Case Studies of Roadway Deterioration: How to address them." Texas Association of County Engineers and Road Administrators (TACERA). November 1, 2016.
- Martin, T. 2015. "Of Paving, Specifications, and Lawsuits." ACPA 52nd Annual Meeting. December 4, 2015.
- Martin, T. 2015. "Introduction to JPCP." CECON, San Marcos, Texas. September 30, 2015.
- Martin, T. 2013. "Using InfoPave for Pavement Research on the Bearing Capacity of Roads." Ninth International Conference on Bearing Capacity of Roads, Railways, and Airfields, Trondheim, Norway. June 26, 2013.
- Martin, T. 2012. "Supporting Preservation with Robust Databases." 2012 National Pavement Preservation Conference, Nashville, TN. August 28, 2012.
- Martin, T., Rada, G., Nazareen, S., Daleiden, J., and Yu, T. "Moving Pavement Deflection Testing Devices: State-of-the-Technology and Best Uses." 9th International Conference on Managing Pavement Assets, Santiago, Chile, November 2011.
- Martin, T., Hudson R., and Rada, G. "Balancing Pavement Management, Software Requirements, and Data Collection Needs." 9th International Conference on Managing Pavement Assets, Santiago, Chile, November 2011.
- Martin, T. "Structural Pavement Evaluations Using NDT Tools – FWD & GPR." Professional Development Workshop, Ft. Worth, Texas, July 2011.
- Martin, T. "Approach for Developing Decision Trees and Importance to a PMS." CarteGraph User Conference, Dubuque, Iowa, October 2009.
- Martin, T. "Airport Pavement Evaluation and Design." TXDOT 2009 Aviation Conference, Austin, Texas, May 2009.
- Martin, T. "Pavement Design Considerations at the Municipal Level – Pavement Design Procedures." NCTCOG Regional Training Center, March 2009.
- Martin, T. "Pavement Design Considerations at the Municipal Level – Pavement Types." NCTCOG Regional Training Center, March 2009.
- Martin, T. "Pavement Management – Output & Recommendations from a PMS." NCTCOG Regional Training Center, September 2008.
- Martin, T. "Pavement Management – The Significance of Distress Type & Severity." NCTCOG Regional Training Center, September 2008.
- Martin, T. "Pavement Management Systems." 2007 Arizona Pavement/Materials Conference, Arizona State University, Tempe, AZ, October 2007.
- Martin, T. "The Ability of Equipment to Evaluate Pavement Structures." 2007 APWA International Congress and Exposition, San Antonio, Texas, September 2007.
- Martin, T. "Pavement Design Tools." Odessa District – Texas Department of Transportation, Odessa, Texas, February 2007.
- Martin, T. "What the FWD Operator Needs to Know to Collect Accurate Data and Help Achieve Successful Analysis." FWD User Group Meeting, Helena, Montana, September 2006.
- Martin, T. "How to Get the Most Out of Your Pavement Management System." CarteGraph User Group Meeting, Dubuque, Iowa, October 2005.
- Martin, T. "Restoration of Utility Cuts – The Story After the Repair." American Public Works Association: Click, Listen and Learn Webcast, February 2004.
- Martin, T. "Street Section/Pavement Design." American Society of Civil Engineers, Texas Section, October 2002.
- Martin, T. "LTPP Project Status and Monitoring Requirements for NMSHTD." NMSHTD Pavement Maintenance Seminar,

Albuquerque, New Mexico, April 2002.

Martin, T. "Prioritizing Pavement Management Needs." 29th Annual Public Works – Short Course, College Station, Texas, February 2000.

Martin, T. "Observations of Florida Highway Edge Drain System." Texas Section ASCE 1999 Fall Meeting, Midland, Texas, October 1999.

Martin, T. "LTPP Data Resolution and Monitoring Requirements." LTPP and State Regional Coordinators Meeting, New Orleans, LA, June 1999.

Martin, T. "The Effects of Traffic on a Performance Prediction Model." Masters Thesis Defense, Texas A&M University, May 1995.

Chair/Moderator

"Streets: Local Experience with Concrete Pavements." 2018 TXDOT/CCT Concrete Conference, Austin, Texas. April 9, 2018.

"Risks and Litigation." 2022 ACPA Annual Meeting, Nashville, Tennessee. December 1, 2022.

"Optimizing Performance and Long-Life Paving Success." 2023 ACPA Mid-Year Meeting, Austin, Texas. June 6, 2023.

"How to Effectively Use Concrete in the Urban Environment." 2023 ACPA Mid-Year Meeting, Austin, Texas. June 6, 2023.