

**TRB Design and Construction Group**

**Annual Meeting Workshops**

**(2018-2020)**

Sponsoring Committee	Title	Year
<b>2020</b>		
AFD20	Pavement Analysis Workshop	2020
AFP70	Influence of Subgrade and Unbound Layers on Pavement Performance	2020
AFP70	Acceptability Criteria for Aggregates in Road Construction	2020
AFK20	Extraction and Characterization of Reclaimed Asphalt Binders Containing Polymers and Additives	2020
AFH20	Quality Assurance: Past, Present, and Future	2020
AFF80	Fiber-Reinforced Polymers Deployment in Transportation Infrastructure	2020
AFD40	Impact of Connected and Automated Vehicles on Pavement Design and Performance	2020
AFD90	Pavement Smoothness Analysis with Profile Viewing and Analysis (ProVAL)	2020
AFK40	Construction of High-Quality Longitudinal Joints: The Secret for Long-Lasting Asphalt Pavements	2020
AFF40	Introducing the Bridge Load Testing E-Circular	2020
AFF50	Seismic Design Basics	2020
AFK10	Cracking Characterization of Asphalt Materials: Challenges to Consider for Implementation	2020
AFH10	Evolution of Project Delivery Information Systems: Where We Were and Where We Are Headed	2020
AFH40	Automating Bridge Construction Through Robotics and 3D Printing	2020
AFB10	Impacts Connected and Automated Vehicles Could Have on Geometrics	2020
AFB20	Modeling and Simulation for the Design and Evaluation of Roadside Safety Hardware	2020
AFN10	Use of Self-Consolidating Concrete in Bridge Applications	2020
AFF70	Rehabilitation of Large Culverts	2020
AFP60	Enhancing Resiliency by Better Moisture Measurement Near Pavements and Structures	2020
AFD10	Developing Performance Prediction Models	2020
AFB30	Developments in Low-Volume Road Management	2020
AFS20	Impact of the Mischaracterization of Rock on Construction Projects	2020
AFS20	Making Sense of Sensors Used in Geotechnical Applications	2020
AFD30	Smart and Multifunctional Pavements	2020
AFS60	Structural Evaluation of Pavements as They Drain	2020
AFB60	Fiber-Reinforced Polymer Deployment in Bridges	2020
AFF10	Building Information Modeling for Bridges and Structures: A Chance to Be Heard	2020
AFH15	Lessons Learned from 100 Years of Project Delivery	2020
<b>2019</b>		
AFD20	Pavement Analysis Workshop	2019
AFD20	Advances in Automated Pavement Cracking Data Collection and Analysis	2019
AFF00	Latest Innovations in Accelerated Bridge Construction	2019

AFF20	Comparison of Refined Analysis Software for Steel Girder Bridge Design	2019
AFD90	Pavement Smoothness Specifications Lessons Learned	2019
AFD80	Use of Traffic Speed Deflection Device Data in Network- and Project-Level Pavement Decisions	2019
AFF60	Improving the Performance of Underground Transportation Infrastructure: Opportunities and Challenges	2019
AFS10	Design, Construction, and Performance Issues of Mechanically Stabilized Earth Walls Constructed Atop Soft Foundation Soils	2019
AFP60	Effective Moisture Measurement of Geomaterials to Improve Return on Investment	2019
AFB00	Planning for a Comprehensive Update of AASHTO's "A Policy on Geometric Design of Highways and Streets, 8th Edition"	2019
AFB10	In Case You Missed It: Research and Best Practices for System Interchange Designs	2019
AFB20	Modeling and Simulation for the Design and Evaluation of Roadside Safety Hardware	2019
AFH10	E-Construction: Analyzing and Utilizing Nongraphical Construction Data for Smarter Project Delivery	2019
AFH20	Successful Quality Management on Public–Private Partnership Projects: Project Case Studies	2019
AFH40	Accelerated Bridge Construction SHRP 2 R04 Toolkit	2019
AFK10	Construction Workforce Development: Case Studies in Asphalt Road Building	2019
AFK30	Recent Developments in Cold Asphalt Recycling	2019
AFN10	New Insights for Testing, Resourcing, and Applying Concrete Pozzolans, Part 1 (Part 2, Session 1073)	2019
AFN10	New Insights for Testing, Resourcing, and Applying Concrete Pozzolans, Part 2 (Part 1, Session 1028)	2019
AFP10	Extreme Weather Impacts on Geohazards: Lessons Learned and Methods to Incorporate Resilience to Geotechnical Assets	2019
AFB60	New National Flood Frequency Guidelines, Bulletin 17C	2019
AFS40	Latest Advances in Large-Span Buried Bridges	2019
AFS60	Design and Performance of Porous Pavement	2019
AFS30	Increased Use of Spread Footings on Soils to Support Highway Bridge Projects	2019
AFP70	Aggregate Quality Requirements for Pavements: Findings of NCHRP Synthesis 524	2019
AFF80	Fiber-Reinforced Polymer Deployment in Bridges	2019
AFK50	Evaluations of Asphalt Mixture Mechanistic Properties from Binders and Mastic Properties	2019
AFH15	Integrated Team Building for Alternative Project Delivery	2019
<b>2018</b>		
AFD80	Next-Generation Pavement Management Systems: Incorporating Network-Level Structural Capacity Leading Indicators	2018
AFD50	Dowel Placement Evaluation and Tolerance	2018
AFF50	Static and Seismic Design of Piles for Downdrag	2018

AFP10	Managing Highway Rock Slope Scaling: Design and Construction State of the Practice	2018
AFB65	Watershed Approach to Mitigating Stormwater Impacts	2018
AFF40	Bridging the Gap Between Non-Destructive Evaluation and Structural Health Monitoring	2018
AFH20	Quality Management Systems for Design-Build Projects: Case Studies	2018
AFD20	Pavement Performance Data Analysis	2018
AFP40	Geoenvironmental Aspects of Design, Permitting, and Construction of Transportation Infrastructure	2018
AFD10	Quality Management of Pavement Condition Data for MAP-21 and FAST Act National Performance Measures	2018
AFK30	Balanced Asphalt Mixture Design: Implementation Efforts and Success Stories	2018
AFB20	Modeling and Simulation for Design and Evaluation of Roadside Safety Hardware	2018
AFF10	Truck Size and Weight: What You Need to Know	2018
AFD90	Implementation of Pavement Friction Management Programs	2018
AFF30	Corrosion-Resistant Prestressing Strands of Carbon Fiber-Reinforced Polymer and Stainless Steel in Highway Structures	2018
AFN30	Performance-Engineered Mixtures: Concrete Specifications for Solutions to Meet Requirements, Part 1 (Part 2, Session 169)	2018
AFN30	Performance-Engineered Mixtures: Concrete Specifications for Solutions to Meet Requirements, Part 2 (Part 1, Session 125)	2018
AFB40	Reducing Highway Worker Exposure and Maximizing Return on Investment for Worker Safety Strategies	2018
AFS00	Intelligent Compaction for Granular and Asphalt Materials	2018
AFS20	Integrating Geotechnical Instrumentation and Modeling to Optimize Performance of Transportation Infrastructure	2018
AFS70	Best Practices for Pavement Design Using Geosynthetics	2018
AFK40	Balancing Durability and Safe Function in Dense-Graded Asphalt Pavements	2018
AFK20	Doctoral Student Research in Innovative Asphalt Performance Testing	2018
AFH10	Pain Points in the Use of Big Data Analytics for Transportation Project Delivery	2018
AFK10	Compaction Is Easy If You Know How to Do It	2018
AFB10	Managing Speed on Low-Speed Urban Streets	2018