

HDR at TRB

Bridges & Structures

Alternative Reinforcement and Prestressing for Structural Concrete

Sun., Jan. 8 | 9:00 a.m. EST
Moderator: Andrew Wagner
P23-21100

Evaluation of Steel Bridge Details for Susceptibility to Constraint-Induced Fracture

Mon., Jan. 9 | 8:00 a.m. EST
Presenters: Domenic Coletti,
Tony Ream
TRBAM-23-00036

Tunnels and Underground Structures Committee

Mon., Jan. 9 | 1:30 p.m. EST
Brian Leshko, presiding
AKB60

Concrete Bridges Committee Meeting

Tues., Jan. 10 | 8:00 a.m. EST
Andrew Wagner, presiding
AKB30

Bridges and Structures Collaboration Subcommittee

Tues., Jan. 10 | 10:15 a.m. EST
Domenic Coletti, presiding
AKB00(1)

Tunnel Construction, Inspection, and Fire and Life Safety

Wed., Jan. 11 | 8:00 a.m. EST
Moderator: Brian Leshko
AKB60

Environmental, Resiliency & Sustainability

The National Environmental Policy Act Is Not the Problem

Mon., Jan. 9 | 8:00 a.m. EST
Presenter: Diane Nulton
P23-20816

Optimization and Validation of Piezoelectric Cantilever Designs for Energy Harvesting from Bridge Vibrations

Mon., Jan. 9 | 1:30 p.m. EST
Presenter: Lukai Guo
TRBAM-23-02255

Freight Rail

The Case for Inland Ports

Sun., Jan. 8 | 9:00 a.m. EST
Moderator: Kevin Keller
P23-21039

Comparing Rail-Structure Interaction Analysis in Different Commercial Software

Sun., Jan. 8 | 1:30 p.m. EST
Presenters: Ying Tan, John Lobo
TRBAM-23-00647

Freight Systems and Marine Transportation "Unconference"

Sun., Jan. 8 | 1:30 p.m. EST
Moderator: Kevin Keller
AT045

Development of Research Needs Statements for the Freight Rail Industry

Mon., Jan. 9 | 3:45 p.m. EST
Presenter: Tony Klaumann
Moderator: Kevin Keller
P23-21273

Overview of Freight Rail Transportation Grants from the Infrastructure Investment and Jobs Act

Tues., Jan. 10 | 10:15 a.m. EST
Moderator: Kevin Keller
P23-21040

Freight Rail Transportation Committee

Tues., Jan. 10 | 3:45 p.m. EST
Kevin Keller, presiding
AR040

Highways & Roads

Identifying Needed TMS Improvements & Resource

Sun., Jan. 8 | 9:00 a.m. EST
Presenter: Pete Marshall
P23-20873

Managed Lanes: High-Occupancy Toll Lanes Through Public Perception and Model Simulation

Mon., Jan. 9 | 8:00 a.m. EST
Moderator: Brian Swindell
ACP35

Planning for Shared Use Vehicles

Tues., Jan. 10 | 8:00 a.m. EST
Moderator: Adriana Rodriguez
AEP15

Sightline and Reliability Analysis for Offset

Tues., Jan. 10 | 3:45 p.m. EST
Presenter: Dan Cook
TRBAM-23-03200

Maritime

U.S. Dredging Challenges and Opportunities - Hydrodynamic Dredging

Mon., Jan. 9 | 8:00 a.m. EST
Presenters: William Fuller,
Robert Lewis, Joe Wagner
TRBAM-23-04379

Planning, Data & Advisory

Interrupted Flow Subcommittee

Sun., Jan. 8 | 10:30 a.m. EST
Presenter: Dan Cook
ACP40(1)

Asset Life Cycle Digital Data Approach for Operations, Maintenance and Asset Management

Sun., Jan. 8 | 1:30 p.m. EST
Presenter: Alexa Mitchell
Moderator: Will Sharp
P23-21134

Introduction to Open Data Standards through the Asset Lifecycle

Sun., Jan. 8 | 1:30 p.m. EST
Presenter and Moderator:
Will Sharp
P23-21130

Moving Transportation System Management and Operations to the Cloud: What You Need to Know

Sun., Jan. 8 | 1:30 p.m. EST
Moderator: Pete Marshall
P23-21322

Aligning Capital Projects with IIA Grant Opportunities

Mon., Jan. 9 | 10:15 a.m. EST
Presenters: Nathan Macek,
Kiernan Maletsky
P23-20700

Integrating Information and Knowledge Management Within a Transportation Agency

Mon., Jan. 9 | 10:15 a.m. EST
Moderator: Christopher Senesi
P23-20526

Economics and Finance Committee

Tues., Jan. 10 | 8:00 a.m. EST
Nathan Macek, presiding
AJE50

Highway Capacity Manual 7th Edition Changes for Intersections and Arterial Streets: New Pedestrian Methods, Arterial Traffic Management, and CAV Factors

Tues., Jan. 10 | 8:00 a.m. EST
Presenter: Dan Cook
P23-20858

Communicating Concepts to the Public Competition

Tues., Jan. 10 | 1:30 p.m. EST
Moderator: Lloyd Brown
P23-20365

Storytelling as a Framework for Engagement: MnDOT's 2022 Statewide Multimodal Transportation Plan Update

Tues., Jan. 10 | 3:45 p.m. EST
Presenter: Katie Caskey
P23-20372

Household Family Dynamics and Telecommuting: Analysis of the 2017 National Household Travel Survey

Wed., Jan. 11 | 10:15 a.m. EST
Presenter: Makarand Gawade
TRBAM-23-04460

Safety & Security

Cyberattack on Fort to Port Movements

Sun., Jan. 8 | 9:00 a.m. EST
Moderator: Steve Johnson
P23-21320

Influence of Lateral Offset on Performance of High Tension Cable Median Barriers

Mon., Jan. 9 | 8:00 a.m. EST
Presenter: Richard Storm
TRBAM-23-03920

Evaluating Safety Effectiveness of Wildlife-Vehicle Crash Countermeasures using

Cross-Sectional Analysis and Propensity Scores-Potential Outcomes Framework

Mon., Jan. 9 | 10:15 a.m. EST
Presenter: Irfan Ahmed
TRBAM-23-02398

An Analysis Framework to Assess Crash Severity for Large Trucks on Rural Interstate

Roads Utilizing Latent Class and Random Parameter Model
Mon., Jan. 9 | 3:45 p.m. EST
Presenter: Irfan Ahmed
TRBAM-23-03805

Cyber Warfare Collateral Damage: The Psychological Impact on Troops and Their Families

Tues., Jan. 10 | 3:45 p.m. EST
Presenter: Steve Johnson
P23-21206

Accounting for Regional Heterogeneity in Crash Data with Excess Zero Observations: A Grouped Random Parameters Negative Binomial-Lindley Approach

Tues., Jan. 10 | 6:00 p.m. EST
Presenter: Mohaiminul Islam
TRBAM-23-03171