



4th International Conference on Access Management

Sheraton Boston Hotel

39 Dalton Street, Boston, MA

June 24-26, 2024

DRAFT PROGRAM

(As of 04/15/24 and subject to change)

Sunday, June 23, 2024

3:00PM-6:00PM

Registration

Monday, June 24, 2024

7:00AM

Registration

7:00AM-8:00AM

Morning Coffee

8:00AM-8:45AM

Opening Plenary

Welcome Remarks: Lionel Lucien, Massachusetts Department of Transportation

Keynote: Monica Tibbits-Nutt, Secretary and CEO, Massachusetts Department of Transportation

Opening Remarks: Grant Schultz, Brigham Young University

- Derek Troyer, Federal Highway Administration for ACS 20
- David McDonald, Hanson Professional Services for AKD 10
- Steve Woelfel, Massachusetts Department of Transportation for AJE10
- Christos S. Xenophontos, Rhode Island Department of Transportation for A0020C

8:45AM- 10:00AM

Plenary Session 1: Emerging Trends in Transportation and Commercial Real Estate: A Round Table Discussion

Moderator: Grant Schultz, Brigham Young University

Co-Moderator: Lionel Lucien, Massachusetts Department of Transportation

- TBD
- Hayes Morrison, Massachusetts Department of Transportation
- Tori Kim, Massachusetts Environmental Policy Act (MEPA) Office

10:00AM-10:30AM

Morning Coffee Break

10:30AM-12:00PM Concurrent Breakouts

BREAKOUT 1A: Geometric Design and Access Management for all Modes

Moderator: Henry Brown, University of Missouri

- Innovative Intersections in North Carolina
Mike Reese, North Carolina Department of Transportation
- Installing Roundabouts to manage speeds and access on Route 20 in Shrewsbury
Joseph Frawley
- Relationship between Access Management and Interchange Modifications and the Impact on safety
Jenna Bowman, Florida Department of Transportation

BREAKOUT 1B: Access Management: A Tool Towards the Vision Zero Goal

Moderator: Stuart Samberg, RKK Engineering

- Assessment of Commercial Driveway Safety Along Major Corridors in Florida
Cong Chen, University of South Florida
- Disruptive Innovation, Complete Streets, and Vision Zero – Oh My!
Angelo Rao, Kittelson and Associates, Inc.
- Restricting Left-turns to Improve Efficiency and Safety in Urban Transportation Networks
Vikash Gayah, Pennsylvania State University
- Access Management, Complete Streets, and the 21st Century Thoroughfare Plan
Taylor Dinehart, University of South Florida

BREAKOUT 1C: Incorporating Access Management in Land Use Decisions

Moderator: Daniel Roussin, Colorado Department of Transportation

- Proof of Necessity, the Latest Strategy to Reduce Driveways
Philip Demosthenes, Philip B. Demosthenes, LLC
- Building an Access Management Program for Iowa
Leilah Armstrong, Iowa Department of Transportation
- An Access Management Evolution at the New York City Department of Transportation
Matt Lorenz, New York City Department of Transportation
- Using Access Management Categories to Structure Speed Limits in Utah
Erica Wygonik, Wall Consulting Group

12:00PM-1:30PM

Networking Lunch

Moderator: Lionel Lucien, Massachusetts Department of Transportation

Keynote: Luisa Paiewonsky, Volpe Center, USDOT

1:30PM-3:00PM Concurrent Breakouts

BREAKOUT 2A: Using AM to Advance Transportation Equity

Moderator: Andrea D'Amato, Massachusetts Department of Transportation

- Making more Equitable Access Management Decisions
Joy Davis, North Carolina State University
- Impact of Colorado Legislature to Allow Buses on Shoulders
Svetlana Grechka, RTD

- Determining Equitable Location of Dedicated Bus Lanes on a Network
Murat Bayrak, Aalto University, Finland and S. Ilgin Guler, Pennsylvania State University
- Best Practices for Tree Preservation During Construction
Brian Kane, University of Massachusetts, Amherst

BREAKOUT 2B: Human Factor Considerations for Access Management Decisions

Moderator: Richard Coakley, Jacobs Engineering

- Assessing the impact of connected and autonomous vehicles on urban network operations and safety using Microscopic Traffic Simulation
Amir Molan, University of Mississippi
- Human-Centered Design: Driver Workload Exhibited in Access Management
Philip Demosthenes, Philip B. Demosthenes LLC
- Implementing Changes to the Green Book and HSM Part C
Danny Anderson, AASHTOWare
- Driver's Attention and Cognitive Behavior: T-Consciousness Impact
Sepideh Eshragh, University of Maryland

BREAKOUT 2C: Workshop 1 – How to Measure and Communicate the Value of Access Management (NCHRP 1032): The Toolkit

Moderator: Michael Reese, North Carolina Department of Transportation

- Chris Huffman, Huffman Corridor Consulting
- Kristine Connolly, Kittelson & Associates

3:00PM-3:30PM

Afternoon Coffee Break

3:30PM-5:00PM Concurrent Breakouts

BREAKOUT 3A: Access Management Case Studies: Lessons Learned

Moderator: Michael Roach, Wisconsin Department of Transportation

- Using Case Studies to Enhance Driveway Safety Analysis
Tia Boyd, University of South Florida
- Case Studies in Multimodal Access Management
Kristine Connolly, Kittelson & Associates
- Optimizing Access Management: The Texas Heritage Parkway Project
Wing Wong, Kimley-Horn
- Solving Fayetteville's Connectivity Crisis
Zachary Bugg, Kittelson & Associates

BREAKOUT 3B: Panel Discussion 1: Development and Public Transportation – Evaluating and Mitigating Impacts

Moderator: Patricia Cahill, Massachusetts Department of Transportation

Methods for Evaluating Transit Impacts and Developer Mitigation Strategies

- Dantas Lourenco, VHB
- Jennifer Mecca, MBTA
- Richard Henderson, MBTA
- TBD

BREAKOUT 3C: Workshop 2 – Scenario Planning in Access Management

Moderator: Julie Stotlemeyer, FHWA

- John Kaliski, Cambridge Systematics

3:30PM-5:00PM Concurrent Committee Meetings

Safety Performance and Analysis ([ACS20](#))

Chair: Derek Troyer, Federal Highway Administration

Performance Effects of Geometric Design ([AKD10](#))

Chair: David McDonald, Hanson Professional Services, Inc.

5:30PM-7:00PM

Reception and Exhibits

Tuesday, June 25, 2024

7:00AM

Registration

7:00AM-8:00AM

Morning Coffee

8:00AM-8:30AM

Plenary Session 2: Access Management Foundations: Things You Must Know
TBD

8:30-10:00 AM

Plenary Session 3: Access Management: Developer Perspectives

Moderator: Barry Lorion, Massachusetts Department of Transportation

Panelist:

- Douglas Manz, HYM Company
- TBD

10:00AM-10:30AM

Morning Coffee Break

10:30AM-12:00PM Concurrent Breakouts

BREAKOUT 4A: Exploring and Applying Data for Access Management

Moderator: Zach Bugg, Kittelson & Associates

- Exploring the Feasibility of Using Nontraditional Data for Developing ITE Trip Generation Rates
Yuanchang Xie, University of Massachusetts, Lowell
- FDOT Trip Generation Study for Coffee Shop and Fast Food with Drive-Throughs
Drew Roark, Alex Roark Engineering
- Application of Emerging Data for Access Management
Neal Hawkins, Iowa State University
- Access Management Design Insights from Emerging Data Sources & Visualizations
Minh Le, Texas Transportation Institute

BREAKOUT 4B: Panel Discussion 2 – Bridging Regional Needs with Local Access

Moderator: Liz Williams, Massachusetts Department of Transportation

- Route 128/I-95 Land Use and Transportation Study
Nicolette Hastings, VHB
- Boston Properties, VHB
- TBD

BREAKOUT 4C: Workshop 3 – Difficult Conversations: Communicating the Value of Access Management

Second Workshop on NCHRP 1032: Its focus is to tell the story of access management most compellingly for the audience (probably non-technical) so that the messages are received positively.

Moderator: Chris Huffman, Huffman Corridor Consulting

- Michael Roach, Wisconsin Department of Transportation
- Kristine Connolly, Kittelson & Associates

12:00PM-1:30PM

Networking Luncheon

Keynote: TBD

1:30PM-3:00PM Concurrent Breakouts

BREAKOUT 5A: Building an Access Management Workforce and Culture

Moderator: Marcela Rodriguez Torres, HDR

- Access Management Curriculum for University Planning and Engineering Programs
Taylor Dinehart, University of South Florida
- Field Office Perspectives: Day to Day Highway Access Management
Kevin Schmidt, Minnesota Department of Transportation
- Workforce Development Challenges and Opportunities
Britton Johnson, Kimley-Horn
- New Access Management Manual
Philip Demosthenes, Philip B. Demosthenes, LLC - DUBAI

BREAKOUT 5B: Panel Discussion 3: State of International Access Management

Moderator: Praveen Vayalamkuzhi, MobilityVision, Inc.

- TBD
- Hina Saleemi, University of Engineering and Technology, Lahore, Pakistan
- Juan Pablo Castellon, Chalmers University of Technology, Sweden
- Claudia Lo Vecchio, University of Enna Kore, Italy

BREAKOUT 5C: More Transit, Better Access Management

Moderator: John Karachepone, Kimley-Horn

- Building a Framework for Developer Transit Mitigation
Dantas Lourenco, VHB
- Impact of Colorado Legislature to Allow Buses on Shoulders

Svetlana Grechka, RTD

- Destination Accessibility Through GIS-Based Public Transport Analysis
Saadia Tabassum, University of Engineering and Technology, Lahore, Pakistan
- Pedestrian and Bicycle Access at Interchanges
Jenna Bowman, Florida Department of Transportation

3:00PM-3:30PM

Afternoon Coffee Break

3:30PM-5:00PM Concurrent Breakouts

BREAKOUT 6A: Access Management is Good for Business: Case Studies

Moderator: William Simon, Massachusetts Department of Transportation

- Planning a Safe System for a Growing Area: West Richmond Small Urban Area Study (SUA)
Brent Sweger, Kentucky Transportation Cabinet
- Great Streets Hyannis: Roads Reimagined for Regional Access and Safety
Whitney Burdge, Stantec
- Multimodal Access Management was Key for Reinvesting in Jackson Square
William Scully, Kimley-Horn

BREAKOUT 6B: Panel Discussion 4: Using the Public Right-of-Way for Air Rights and Transit Oriented Development

Moderator: Alan Ginder, Port Authority of New York and New Jersey

- Transit Oriented Development: Best Practices for Determining the Role of Transit Agencies and Private Developers in Affordable Housing and Transit Accessible Communities
Marie Breen
- Scott Bosworth, Massachusetts Bay Transportation Authority
- TBD

BREAKOUT 6C: Improving Mobility for All Users

Moderator: Joy Davis, North Carolina State University

- Commercial Driveways Safety Evaluation in the Vicinity of Interchanges: A Florida Statewide Study
Cong Chen, University of South Florida
- Public-Private Curbside Value in Loading Zones Allocation Decisions: A Utilitarian Bi-Objective Model
Juan Pablo Castellon, Chalmers University of Technology, Sweden
- Reforming Parking Standards in Overland Park, Kansas
Michael Clark, Stantec
- Destination Accessibility Through GIS-Based Public Transport Analysis
Saadia Tabassum, University of Engineering and Technology, Lahore, Pakistan

5:00PM-6:30PM Concurrent Committee Meetings

Strategic Management ([AJE10](#))

Chair: Steve Woelfel, Massachusetts Department of Transportation

Access Management ([ACP60](#))

Chair: Grant Schultz, Brigham Young University

Wednesday, June 26, 2024

7:00AM

Registration

7:30AM-8:30AM

Morning Coffee

8:30AM- 10:00AM Concurrent Breakouts

BREAKOUT 7A: Multimodal, Safety, and Accessibility

Moderator: Kristine Connolly, Kittelson & Associates

- Massachusetts Statewide Wrong-Way Vehicle Detection (WWVD) System Pilot Project
Corey O'Connor, Massachusetts Department of Transportation, and Ronald Hartman, VHB
- Pedestrian Signal Usability: A Focus on Access Management and Perception
Hina Saleemi, University of Engineering and Technology, Lahore, Pakistan
- Safety & Multimodal Mobility Considerations for a New Elementary School
Vinod Kalikiri, VHB
- Improving Traffic Light Efficiency with Technology
Mathew Picanso, VHB

BREAKOUT 7B: Panel Discussion 5 - Road Safety Audits: A Public Participatory Process for Access Management Solutions

Moderator: Michelle Deng, Massachusetts Department of Transportation

- Henry Brown, University of Missouri - Synthesis on Road Safety Audits
- Philip Vivieros, Bowman Associates
- David Soares, District 5 Traffic Engineer, MassDOT
- Jessica Lizza, Howard-Stein Hudson Associates

BREAKOUT 7C: Workshop 4: Fixing Suburban Arterials (STROADs) for Safety

Moderator: Julie Stotlemeyer, Federal Highway Administration Resource Center

- Stephen Ratke, Federal Highway Administration Resource Center
- TBD

10:00AM-11:00AM

Posters with Morning Coffee

Moderator: John Karachepone, Kimley-Horn

- Assessing the impact of connected and autonomous vehicles on urban network operations and safety using Microscopic Traffic Simulation
Amir Molan, University of Mississippi
- CAVs as a Booster for Public Transportation System: Performance Analysis of Urban Corridor Design
Claudia Lo Vecchio, University of Enna Kore, Italy
- New Diagramming Vehicle Conflicts for Comparable Analysis
Philip Demosthenes, Philip B Demosthenes. LLC
- Enhancing Traffic Safety at Stop-Controlled Intersections through ISD Assessment and Driver Behavior Analysis
Fangjian Yang, Auburn University

- Exploring the Characteristics of GPS-based Wrong-turn Crashes Focusing on One-Way Access Management
Boniphace Kutela, Texas A&M Transportation Institute
- FDOT Multimodal Access Management Guidebook
Jenna Bowman, Florida Department of Transportation
- Driver's Attention and Cognitive Behavior: T-Consciousness Impact
Sepideh Eshragh, University of Maryland

11:00AM-12:00PM

Closing Plenary

Moderator: Grant Schultz, Brigham Young University

Panel:

- Lionel Lucien, Massachusetts Department of Transportation
- David McDonald, Hanson Professional Services, Inc.
- Derek Troyer, Federal Highway Administration
- Steve Woelfel, Massachusetts Department of Transportation
- John Karachepone, Kimley-Horn
- Christos Xenophontos, Rhode Island Department of Transportation

Noon: Adjourn