



4th International Conference on Access Management

Sheraton Boston Hotel

39 Dalton Street, Boston, MA

June 24-26, 2024

DRAFT PROGRAM

(As of 05/10/24 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

- Marc Butorac, Kittelson & Associates
- 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 <ul style="list-style-type: none"> 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, Massachusetts Department of Transportation 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Making more Equitable Access Management Decisions Joy Davis, North Carolina State University

- Impact of Colorado Legislature to Allow Buses on Shoulders
Svetlana Grechka, Regional Transportation District (RTD) Denver
- 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
- Presentation Title
Alex Epstein, Volpe Center
- 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
Marcela Rodriguez Torres, HDR
- 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

- Lourenço Dantas, VHB
- Jennifer Mecca, MBTA

<ul style="list-style-type: none"> Richard Henderson, MBTA <p>BREAKOUT 3C: Workshop 2 – Scenario Planning in Access Management Moderator: Julie Stotlemeyer, FHWA</p> <ul style="list-style-type: none"> John Kaliski, Cambridge Systematics
3:30PM-5:00PM Concurrent Committee Meetings
<p>Safety Performance and Analysis (ACS20) Chair: Derek Troyer, Federal Highway Administration</p> <p>Performance Effects of Geometric Design (AKD10) Chair: David McDonald, Hanson Professional Services, Inc.</p>
5:30PM-7:00PM
Reception and Exhibits
Tuesday, June 25, 2024
7:00AM
Registration
7:00AM-8:00AM
Morning Coffee
8:00AM-8:30AM
<p>Plenary Session 2: Access Management Foundations: Things You Must Know TBD</p>
8:30-10:00 AM
<p>Plenary Session 3: Access Management: Developer Perspectives Moderator: Barry Lorion, Massachusetts Department of Transportation</p> <p>Panelist:</p> <ul style="list-style-type: none"> Douglas Manz, HYM Company Douglas Landry, Langan Jonathan Greeley, Amazon Ted Fire, Kraft Group
10:00AM-10:30AM
Morning Coffee Break
10:30AM-12:00PM Concurrent Breakouts
<p>BREAKOUT 4A: Exploring and Applying Data for Access Management Moderator: Zach Bugg, Kittelson & Associates</p> <ul style="list-style-type: none"> 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
- Keir Evens, Boston Properties
- Rob Nagi, VHB

Reforming Parking Standards and Travel Demand Management: Case Studies in Overland Park, KS, and Boston

- Michael Clark, Stantec
- Leslie Karr, Overland Park, KS
- Heyne Kim, Boston Transportation Department

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: Kristine Connolly, Kittelson & Associates

- Michael Roach, Wisconsin Department of Transportation
- Chris Huffman, Huffman Corridor Consulting

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
- Dubai, Updated New Access Management Manual
Philip Demosthenes, Philip B. Demosthenes, LLC

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

Moderator: Praveen Vayalamkuzhi, MobilityVision, Inc.

- Hina Saleemi, University of Engineering and Technology, Lahore, Pakistan
- Juan Pablo Castrellon, 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
Lourenço Dantas, 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

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 Castrellon, Chalmers University of Technology, Sweden
- Implementing Changes to the Green Book and HSM Part C
Danny Anderson, AASHTOWare
- 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 (AIE10) 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Stephen Ratke, Federal Highway Administration Resource Center
10:00AM-11:00AM
Posters with Morning Coffee Moderator: John Karachepone, Kimley-Horn <ul style="list-style-type: none"> An Artificial Intelligence (AI) Framework for Midblock Crosswalk Detection across Massachusetts Yuanchang Xie, University of Massachusetts Lowell 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

- State of the Access Management Practice
Kristine Connolly, Kittelson and Associates
- 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