About the Conference
The Transportation Research Board’s 12th National Access Management Conference explores the relationship between access management and urban design, transportation design, land use planning, right-of-way, land development, and complete streets.

What You’ll Learn
You’ll learn how to apply access management objectives to design pedestrian, motor vehicle, bicycle, and transit access to safely separate and manage conflicts within the land use/transportation context.

Who Should Attend
The conference draws together engineers, planners, consultants, land developers, and academics from across all disciplines of highway planning, design, operations, and engineering to present effective practices and share current research results.

Conference Topics Include
Access Management Fundamentals:
- Mobility vs. access
- Safety
- Operations
- Public involvement
- Economics
- Technical assistance
- Computer applications

Access Management Design:
- Geometrics
- Complete streets
- Vehicles
- Pedestrians
- Bicycles
- Transit

Access Management and Land Use:
- Business effects
- Access integration
- Planning
- Development
- Corridor studies
- Subdivisions
- Traffic impacts
- Zoning

Legal:
- Legislative policy
- Access regulations
- Case law
- Future development risk
# Conference Schedule

**Tuesday, July 17, 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Track A</th>
<th>Track B</th>
<th>Track C</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 8:00 AM| (1) Conference Introduction  
Marc Butorac, Kittelson & Associates, Inc., Chair – TRB Standing Committee on Access Management (AHB70)  
Steve Krebs, Statewide Bureaus Deputy Administrator, Wisconsin DOT  
Moderator: Michael Roach, Wisconsin DOT, Chair, TRB National Conference on Access Management Subcommittee | (2) Conference Welcome  
Dave Ross, Secretary, Wisconsin DOT                                              |                                                                        |
| 8:45 AM| (3) Autonomous Vehicles and Access Management  
Roundtable:  
Jonathan Rehl, Transportation Systems Engineer, UW-Madison, College of Engineering, Wisconsin Automated Vehicle Proving Grounds  
Matthew Smith, PE, Associate Vice-President National and Connected and Automated Vehicle Program Manager, Michael Baker International  
Moderator: Marc Butorac |                                                                        |                                                                        |
| 9:45 AM|                                                                        | (4) Access Management Manual v2  
Kristine Williams, Center for Urban Transportation Research, University of South Florida |                                                                        |
| 10:15 AM| Access Management Foundations - 6 Things You Must Know  
(4) Access Management Manual v2  
Kristine Williams, Center for Urban Transportation Research, University of South Florida  
(5) Access Management Application Guidelines (AMAG)  
Karen Dixon, Texas A&M University  
(6) NCHRP Synthesis 404: State of Practice in Access Management  
Jerome Gluck, PE, PTOE, AECOM  
(7) NCHRP 650: Guide for the Geometric Design of Driveways  
J L Gattis, Professor Emeritus, University of Arkansas  
(8) FHWA Information Guides on Alternative Intersection Design  
Gilbert Chlewicki, Advanced Transportation Solutions  
(9) accessmanagement.info — How to Find More Information  
Frank Broen, Teach America |                                                                        |                                                                        |
| 10:45 AM| Move to Breakout Sessions | (12) The Relationship Between AM and Innovative Geometric Designs  
Gilbert Chlewicki, Advanced Transportation Solutions | (14) Public Involvement Workshop: Verbal Communication Tools and Techniques in Access Management  
Chris Huffman, PE, Huffman Corridor Consulting |
| 11:00 AM| (10) An Overview of the Why and What of Access Management  
Jerome Gluck, PE, PTOE, AECOM | (11) Access Management Application Guidelines (AMAG)  
Karen Dixon, Texas A&M University | (13) Pedestrian and Bicycle Access Issues at Innovative Intersections  
Chris Cunningham, ITRE, North Carolina State University |
| 11:30 AM| Noon                                                                 |                                                                        |                                                                        |
| 1:00 PM| (15) How to Implement an Access Management Policy  
Randy Heskine, PE, City of Lincoln, Nebraska | (18) New National Highway Institute Access Management Course  
Pat Hawley, PE, PTOE, raSmith |
| 1:30 PM| (16) Making the Case for Access Management: Innovative Techniques for Presenting Operational and Safety Benefits to the Public  
Peter Kaufmann, PE, PTOE, Barge Design Solutions | (19) Restricted Crossing U-Turn Intersections (RCUTs)  
Scott Nelson, PE, Wisconsin DOT  
Brian Porter, PE, Wisconsin DOT | (22) Access Management; A Property Owners Perspective  
Hans Zietlow, Kwik Trip, Inc. |
| 2:00 PM| (17) Implementation of a New Access Management Program in Iowa  
Willy Sorensen, PE, Iowa DOT | (20) Using LIDAR Data to Analyze Access Categories and Raised Median Safety in Utah  
Grant Schultz, PhD, PE, PTOE, Brigham Young University | (23) Access Management on Small Commercial Sites  
Chris Huffman, PE, Huffman Corridor Consulting |
| 2:30 PM| Break                                                                 |                                                                        |                                                                        |
| 3:00 PM| (24) MnDOT Access Management Manual Update: Science Fights for Auto Safety  
Tod Sherman, Minnesota DOT | (26) Influence of Frontage Road Access Points Relative to X-ramps vs. Traditional Ramps and their Entry and Exit Gores with Focus on Safety Performance  
Karen Dixon, Texas A&M University | (29) City of Milwaukee Streetcar Project  
Jeff Polenske, PE, City of Milwaukee, WI |
| 3:30 PM| (25) Application of Access Management in Tennessee  
Jason Oldham, PE, Tennessee DOT | (27) AM Techniques to Reduce Wrong-Way Driving on Freeways and Divided Highways  
Huagu Zhou, Auburn University |                                                                        |
| 4:00 PM|                                                                        | TRB Access Management Committee Meeting |                                                                        |
| 5:00 PM|                                                                        |                                                                        |                                                                        |
| 5:30 PM|                                                                        |                                                                        | 5:30 PM to 7:30 PM Reception |

For additional conference information go to: wisconsindot.gov/2018AccessConference
### Local Government Access Management Track

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Welcome and Program Overview</td>
<td>Bob Fasick, Wisconsin DOT</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>Introduction to Access Management Principles</td>
<td>Brad Strader, AICP, PTP, MKSK Studios</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Access Management Culture (Planning)</td>
<td>Tom Beekman, Wisconsin DOT</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Municipal Access Management Implementation</td>
<td>Michael Hardy, PE, PTOE, City of Appleton, WI</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>MPO Involvement</td>
<td>Charles Wade, AICP, CTP, Wisconsin DOT</td>
</tr>
<tr>
<td>11:15 AM</td>
<td>County Access Control</td>
<td>Pamela Dunphy, PE, Dane County Hwy. Dept</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Legal Foundations of Access Management and Identifying Access Controls</td>
<td>John Sobolik, Wisconsin DOT</td>
</tr>
</tbody>
</table>

### Session 5: Continental Breakfast and Lightning Round

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast and Lightning Round</td>
<td></td>
</tr>
</tbody>
</table>

### Session 6: AM Visualization Tools

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>AM Visualization Tools</td>
<td>Kristine Connolly, Kittelson &amp; Associates, Inc.</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Access vs. Mobility: Managing Roadway Systems for Functionality and Safety</td>
<td>Jeffrey Emerson, Wisconsin DOT</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Three Components to a Successful Access Design: Working Together with Local Govts</td>
<td>David Nielsen, PE, Wisconsin DOT</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Monona Drive Case Study: Utilizing Access Management Tools</td>
<td>Thomas Lynch, PE, PTOE, City of Madison, WI &amp; Eric Hanson, PE, Strand Associates</td>
</tr>
</tbody>
</table>

### Session 7: Lunch + Lightning Round

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 PM</td>
<td>Lunch + Lightning Round</td>
<td></td>
</tr>
</tbody>
</table>

### Session 8: Ethics and Access Management

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM</td>
<td>Ethics and Access Management</td>
<td>Howard Rosen, PhD, University of Wisconsin – Madison</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Ethics and Access Management</td>
<td>Kristine Connolly, Kittelson &amp; Associates, Inc.</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Ethics and Access Management</td>
<td>Kristine Williams, CUTF, University of South Florida</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Ethics and Access Management</td>
<td>Kevin Kuhlow, PE, Ayres Associates</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Ethics and Access Management</td>
<td>Andrea Bill, University of Wisconsin – Madison</td>
</tr>
</tbody>
</table>

### Session 9: Unconventional Highway Access

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Unconventional Highway Access</td>
<td>Bob Fasick, PE, Wisconsin DOT</td>
</tr>
<tr>
<td>8:45 AM</td>
<td>Managing ATV Access on State Highways</td>
<td>Jeff Emerson, Wisconsin DOT</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Managing ATV Access on All Roads</td>
<td>Dennis Pelock, Crawford County Hwy. Dept</td>
</tr>
</tbody>
</table>

### Session 10: Conference Wrap-up and Final Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>Conference Wrap-up and Final Discussion</td>
<td>Marc Butorac, Senior Principal Engineer, Kittelson &amp; Associates, Inc.</td>
</tr>
<tr>
<td>11:15 AM</td>
<td>Conference Wrap-up and Final Discussion</td>
<td></td>
</tr>
</tbody>
</table>
Conference Location

The Madison Concourse Hotel and Governor's Club
1 West Dayton Street, Madison, WI 53703
Room rates start at $149
Group Code: #494924
Reserve by: June 19, 2018
(608) 294-3016
(800) 356-8293
(608) 257-6000
Email: info@concoursehotel.com
Accommodations include airport shuttle from/to Dane County Regional Airport (MSN)

Getting to Madison

• Fly directly into Madison Dane County Regional Airport (MSN), with non-stop flights from 15 airports nationwide, you can fly to Madison from just about anywhere
• Fly into Milwaukee (MKE) and take a Badger Bus or rent a car to Madison (2 hour bus ride, 90 minute drive)
• Fly into Chicago O’Hare (ORD) and take a Van Galder Coach USA bus or rent a car to Madison (3 hour bus ride, 2½ hour drive)
• Fly into Chicago Midway (MDW) and take a Van Galder Coach USA bus or rent a car to Madison (4 hour bus ride, 3 hour drive)

The Madison area offers so much to see and do, especially in the summer. With five lakes, nine museums, America’s largest producers-only farmer’s market, dozens of live music venues, countless restaurants and unique shopping just outside your door, you’ll want to stay a few extra days. For more ideas, visit visitmadison.com

Other attractions within a one-hour drive include Frank Lloyd Wright’s Taliesin, and Wisconsin Dells (The Waterpark Capital of the World).
Special Option for Local Government

A one-day track on Local Access Management is being offered July 18 with a reduced one-day registration fee of $160. This one-day track is designed for local officials who have an access management role in their jobs and interact with their state DOT and other jurisdictions related to access management. The local track will include:

- Definition of access management
- Access management principles, practices, and resources
- Access management goals
- Access management techniques
- Legal aspects (Wisconsin statutes and administrative rules)
- Planning
- Highway design and case studies
- Permitting

Enroll Today!

Internet:
Full Conference Registration
go.wisc.edu/12thNAMCEnroll
One-day Local Government Track Registration
go.wisc.edu/AccessMgmt1day

Phone: 800-462-0876 or 608-262-1299 (TDD 265-2370)
Fax: 800-442-4214 or 608-265-3448

Mail to: The Pyle Center, Attn: Engineering Registration 702 Langdon Street Madison, Wisconsin 53706

Please enroll me in

- Full National Access Management Conference Course #R559 July 17–19, 2018 in Madison, WI Fee $395
- One-day Local Government Track Course #T358 July 18, 2018 in Madison, WI Fee $160

Personal Information (Please print clearly.)

Name ____________________________________________________________
Title ____________________________________________________________
Company _______________________________________________________
Address _________________________________________________________
City/State/Zip ___________________________________________________
Phone (_____ ) ___________________________________________________
Email ___________________________________________________________

Billing Information

- Bill my company  P.O. or check enclosed (Payable in U.S. funds to UW–Madison)
- MasterCard  VISA  American Express

Cardholder’s Name _______________________________________________
Card Number _____________________________________________________
Expiration Date ___________________________________________________
What’s Next Starts Now