TRB
TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

W
WISCONSIN
UNIVERSITY OF WISCONSIN–MADISON

WISCONSIN
DEPARTMENT OF TRANSPORTATION

12TH NATIONAL ACCESS MANAGEMENT CONFERENCE

July 17–19, 2018 • Madison, WI

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

		Track A	Track B	Track C
SESSION 1	7:00 AM	Continental Breakfast		
	8:00 AM	(1) **Conference Introduction** Marc Butorac, Kittelson & Associates, Inc., Chair – TRB Standing Committee on Access Management (AHB70) (2) **Conference Welcome** Dave Ross, Secretary, Wisconsin DOT Steve Krebs, Statewide Bureaus Deputy Administrator, Wisconsin DOT *Moderator:* Michael Roach, Wisconsin DOT, Chair, TRB National Conference on Access Management Subcommittee		
	8:45 AM	(3) **Autonomous Vehicles and Access Management** *Roundtable:* Jonathan Riehl, 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		
SESSION 2	9:45 AM	Break		
	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 (6) **NCHRP Synthesis 404: State of Practice in Access Management** Jerome Gluck, PE, PTOE, AECOM (7) **NCHRP 659: 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		
	11:00 AM	(10) **An Overview of the Why and What of Access Management** Jerome Gluck, PE, PTOE, AECOM	(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
	11:30 AM	(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	
SESSION 3	Noon	Lunch and Lightning Round		
	1:00 PM	(15) **How to Implement an Access Management Policy** Randy Hoskins, PE, City of Lincoln, Nebraska	(18) **New National Highway Institute Access Management Course** Neil Spiller, PE, FHWA, Washington, DC	(21) **Assessing Reasonable Access** 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 Kauffmann, 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
SESSION 4	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	(28) **Handling Unusual Access Management Situations** Drew Jelinski, Wisconsin DOT
	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** Huaguo Zhou, Auburn University	(29) **City of Milwaukee Streetcar Project** Jeff Polenske, PE, City of Milwaukee, WI
	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

Wednesday, July 18, 2018

		Track A	Track B	Local Government Access Management Track
	7:00 AM	Continental Breakfast and Lightning Round		
SESSION 5	8:00 AM	(30) **Attorney Roundtable on Current Access Case Law and Issues** John Sobotik, Wisconsin DOT R. Duane Harlow, Wisconsin Department of Justice Sara Beachy, Axley Joseph J. Rolling, von Briesen & Roper, s.c. *Moderator:* Jim Thiel		(31) **Welcome and Program Overview** Bob Fasick, Wisconsin DOT
	8:30 AM			(32) **Introduction to Access Management Principles** Brad Strader, AICP, PTP, MKSK Studios
	9:00 AM			(33) **Access Management Culture (Planning)** Tom Beekman, Wisconsin DOT
	9:30 AM	Break		
SESSION 6	10:00 AM	(34) **AM Visualization Tools** Kristine Connolly, Kittelson & Associates, Inc. Frank Broen, Teach America Stuart Samberg, Chair, TRB AM Research Subcommittee	(37) **Access Management at Interchanges** Gary Sokolow, Florida DOT	(41) **Municipal Access Management Implementation** David Hansen, PE, PTOE, City of Green Bay, WI Michael Hardy, PE, PTOE, City of Appleton, WI
	10:30 AM	(35) **Setback and Access Management: WisDOT TRANS 233 Experience** Drew Jelinski, Wisconsin DOT	(38) **Access vs. Mobility: Managing Roadway Systems for Functionality and Safety** Jeffrey Emerson, Wisconsin DOT	(42) **MPO Involvement** Charles Wade, AICP, CTP, Wisconsin DOT
	10:45 AM			(43) **County Access Control** Pamela Dunphy, PE, Dane County Hwy Dept
	11:00 AM	(36) **Applying Access Management at the Local Level: Examples from the Great Lakes Region** Brad Strader, AICP PTP, MKSK Studios Charles Wade, AICP, CTP, Wisconsin DOT	(39) **Three Components to a Successful Access Design: Working Together with Local Govts** David Nielsen, PE, Wisconsin DOT Rodney Hamilton, PE, Wisconsin DOT	(44) **Legal Foundations of Access Management and Identifying Access Controls** John Sobotik, Wisconsin DOT
	11:30 AM		(40) **Monona Drive Case Study: Utilizing Access Management Tools** Thomas Lynch, PE, PTOE, City of Madison, WI & Eric Hanson, PE, Strand Associates	
	Noon	Lunch + Lightning Round		
SESSION 7	1:00 PM	(45) **Complete Streets** Gary Sokolow, Florida DOT	(48) **Installation of Medians to Replace Two-Way Left Turn Lanes: Economic Impacts** Chris Cunningham, ITRE, North Carolina State University	(51) **Access Management Standards** David Stertz, PE, Wisconsin DOT
	1:30 PM	(46) **NCHRP 03-120 and the Multimodal Access Management Guide** Kristine Connolly, Kittelson & Associates, Inc	(49) **Installation of Medians to Replace Two-Way Left Turn Lanes: Engaging the Business Community** Kristine Williams, CUTR, University of South Florida	(52) **University Avenue - Madison: Project Case Study** Yang Tao, PhD, PE, City of Madison, WI Aaron Steger, PE, KL Engineering
	2:00 PM	(47) **Evaluating Safety Impacts of Access Management Using The Surrogate Safety Assessment Model (SSAM)** Grant Schultz, PhD, PE, PTOE Brigham Young University	(50) **Bluemound Road Case Study: Access Management** Susan Voight, Wisconsin DOT Pat Hawley, PE, PTOE, raSmith	(53) **Roundabouts and Corridor Development, County Highway ID, Mt. Horeb, WI** Josh Straka, PE, Strand Associates
	2:30 PM	Break		
SESSION 8	3:00 PM	(54) **Ethics and Access Management** Howard Rosen, PhD, University of Wisconsin – Madison	(55) **Roundabouts and Access Management** Mark Lenters Ourston – MSA Professional Services, Inc.	(58) **Model Access Management Regulations for Local Governments** Kristine Williams, CUTR, University of South Florida
	3:30 PM		(56) **Roundabouts and Access in Wisconsin** Kevin Kuhlow, PE, Ayres Associates	(59) **Access Permitting** Bob Fasick, Wisconsin DOT
	4:00 PM		(57) **Analysis of Before and After Crash Data at Roundabouts with Access Modifications in Wisconsin** Andrea Bill, University of Wisconsin – Madison	
	4:15 PM			(60) **Wrap Up, Review, and Q&A** Bob Fasick, Wisconsin DOT

Thursday, July 19, 2018

		Track A	Track B	Track C
	7:00 AM	Continental Breakfast + Lightning Round		
Session 9	8:00 AM	(61) **Link of Vulnerable Road User Crashes to Roadway Access and Land Use Features in Central Florida** Wei Zhang, FHWA	(64) **Unconventional Highway Access** Bob Fasick, PE, Wisconsin DOT	(67) **Do Property Owners Assume Liabilities and Duties When They Have a Driveway?** Ernest Alvino Jr Esq, Hoffman DiMuzio
	8:30 AM	(62) **Design and Access Management for Trucks** Ingrid Potts, MRIGlobal	(65) **Managing ATV Access on State Highways** Jeff Emerson, Wisconsin DOT	(68) **Circulation Within and Between Developments** Art Baumann, PE, Wisconsin DOT
	9:00 AM	(63) **WisDOT Highway Access Management System (HAMS)** Rita Lybek, Wisconsin DOT	(66) **Managing ATV Access on All Roads** *Roundtable:* Gary Eddy, Wisconsin DNR; Reg Gill, Lafayette County Sheriff's Dept; Jason King, City of Darlington Police Dept; Adam Harden and Rob McConnell, Wisconsin ATV Association; Dennis Pelock, Crawford County Hwy Dept	(69) **The Value of Access to Commercial Property** Chris Huffman, PE, Huffman Corridor Consulting
	9:30 AM	Break		
Session 10	10:00 AM	(70) **Student Poster Awards**		
	10:15 AM	(71) **Access Management Research Needs Discussion** Stuart Samberg, Chair, TRB Access Management Research Subcommittee		
	10:45 AM	(72) **The Future of Access Management** *Roundtable:* Michael Roach, Wisconsin DOT, Karen Dixon, Texas A&M Transportation Institute, Kristine Williams, Center for Urban Transportation Research, University of South Florida, Phillip Demosthenes, Phillip B. Demosthenes, LLC, Stuart Samberg, Chair, TRB Access Management Research Subcommittee, Gary Sokolow, Florida DOT		
	11:45 AM	(73) **Conference Wrap-up and Final Discussion** Marc Butorac, Senior Principal Engineer, Kittelson & Associates, Inc., Chair – TRB Standing Committee on Access Management (AHB70) Michael Roach, Wisconsin DOT, Chair, TRB National Conference on Access Management Subcommittee		
	Noon	12th National Access Management Conference Adjourned		

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).

The Memorial Union Terrace in Madison

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

Registration

Full Conference Registration Fee $395

One-day Local Government Track Registration Fee $160

Registration fees include continental breakfast, lunches, and breaks.

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.)

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