Thank you for attending the 8th National Conference on Access Management.

TRB Access Management Committee
Kristine Williams, Chair
www.accessmanagement.info
(813) 974-9807 • kwilliams@cutr.usf.edu
Welcome to Baltimore!

On behalf of the Access Management Committee and the Maryland State Highway Administration, it is our pleasure to welcome you to the 8th National Conference on Access Management here in Charm City. In addition to participating in all the conference program has to offer, please take some time to explore and enjoy downtown Baltimore. We are pleased to be holding this conference at the Renaissance Harborplace Hotel. Its prime Inner Harbor location, deluxe conference facilities and friendly staff make it the perfect place for such an event. We are also very excited about our off-site event this year, which will be held on Tuesday evening. Details on this event can be found below.

The theme of the Conference is “Sustainable Solutions for Transportation”. With fewer new arterial roadways being built, the need for effective systems management strategies is greater than ever before. Access management policies and tools are particularly attractive as they offer a variety of benefits to a broad range of stakeholders. By managing roadway access and maintaining the integrity of the functional classification system, government agencies can increase public safety, extend the life of major roadways, reduce traffic congestion, support alternative transportation modes and even improve the appearance and quality of the built environment.

Be sure to join us at the Welcome Reception on Sunday evening, from 5:30 to 7:30 PM in Baltimore Ballroom B on the 5th floor. This will be the perfect opportunity to network with other professionals in the Access Management arena as well as re-connect with old friends. Once again, welcome to Baltimore!

Vaughn Lewis
Conference Chair

TRAVEL INFORMATION

- Taxis are available outside the first floor (South Street) lobby of the hotel. Estimated taxi fare to Baltimore Washington Airport (BWI) is $32.00 one way.
- The Airport Shuttle (www.gotheairportshuttle.com) provides shared ride service between all area airports and downtown hotels. A group rate of $16 one way to BWI or Amtrak/BWI is being offered for conference registrants.
- Super Shuttle (www.supershuttle.com) provides reserved and unreserved multi-stop shuttle service between all area airports and the downtown hotels. Current cost is $13 one way to BWI.
- Boarding passes can be printed out at the kiosk in the main lobby of the hotel.

OFF SITE EVENT

Our conference team has planned an exciting event for Tuesday evening. After the sessions conclude for the day, charter buses will take us to Fort McHenry for a self-guided tour and inspirational film. It was the battle of Fort McHenry during the War of 1812 that inspired Francis Scott Key to write the words to what we know as the Star Spangled Banner, our national anthem. After the Fort, we will head over to the Baltimore Museum of Industry for dinner, networking, a fabulous Harbor view and a chance to view several museum exhibits - including one dedicated to the 100th year anniversary of the Maryland State Highway Administration. All conference registrants are invited to attend. If you are attending the off site event, please meet at 4:15 at the South Street Lobby level of the hotel. Buses will begin leaving for Fort McHenry at 4:30.
We would like to thank all of the Sponsors for this 8th National Conference on Access Management

Transportation Research Board
Access Management (AHB70)
Geometric Design (AFB10)
Operational Effects of Geometrics (AHB65)

Maryland State Highway Administration
Federal Highway Administration

PLATINUM Sponsors
• RK&K
• McCormick Taylor

GOLD Sponsors
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• The Traffic Group
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• URS

STUDENT POSTER Sponsors
• HDR, Inc

SILVER Sponsors
• Baltimore Metropolitan Council

Ron Giguere
(1947 - 2008)

With deep sadness, the TRB Access Management Committee mourns the loss earlier this year of long-time friend and partner Ron K. Giguere, Manager of the ITS Professional Capacity Building Program at the U.S. Department of Transportation. Ron’s contribution to the industry and to this Committee was invaluable and he will be deeply missed.

Ron was the first Chair of the Access Management Committee and was instrumental in its founding. He spearheaded the development of the Access Management Manual and was always a determined advocate of access management principles. He was also a kind and thoughtful person who was always there to lend advice and support.

We will miss him.
### Sunday July 13, 2008

**Time** | **Baltimore A** | **Baltimore B** | **Homeland**
--- | --- | --- | ---
1:00 – 2:30 | Workshop 1: The Use and Abuse of Crash Data in Roadway Access Management; Dave Plazak (Sign-up required) |  |  
2:30 – 3:00 | Afternoon Break |  |  
3:00 – 5:00 | Workshop 1 Continued |  |  
5:30 – 7:30 | Welcome Reception |  |  

### Monday July 14, 2008

**Time** | **Baltimore A** | **Baltimore B** | **Homeland**
--- | --- | --- | ---
7:00 – 8:15 | Continental Breakfast |  |  
8:15 – 9:30 | Opening Session | Vaughn Lewis, Presiding |  
9:30 – 10:00 | Mid-Morning Break & Poster Session |  |  
10:00 – 11:45 | Impact Evaluations and Performance Measures | J. L. Gattis, Moderating | State DOT AM Programs; Rick Laughlin, Moderating  
Workshop 2: Road Trip: An Interactive Workshop on Roadway Facility Management; Del Huntington (Sign-up required) |  |  
11:45 – 1:00 | Lunch |  |  
1:00 – 2:45 | Design and Traffic Engineering | Jerry Gluck, Moderating | Guidelines, Policies and Standards; Tom Hiles, Moderating  
Workshop 3: Access Management Applications in Maryland - Urban, Suburban and Rural Examples; Shiva Shrestha |  |  
2:45 – 3:15 | Afternoon Break & Poster Session |  |  
3:15 – 5:00 | Business Impacts and Stakeholder Involvement | Stephen Ferranti, Moderating | Progression and Circulation; Bob Jurisin, Moderating  
Workshop 4: An Interactive Workshop on Scoping an Effective Corridor Study; Chris Huffman |  |  

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**Registration:**
- **Sunday:** 12:30 PM – 4:30 PM
- **Monday:** 7:00 AM – 4:30 PM
Committee / Subcommittee Meeting Schedule

**Tuesday July 15, 2008**

Access Management Subcommittee: Outreach  
Federal Hill  
7:00 AM – 8:00 AM

**Wednesday July 16, 2008**

Access Management Subcommittee: Research  
Waterable A  
7:00 AM – 8:00 AM

Access Management Subcommittee: Manual  
Federal Hill  
7:00 AM – 8:00 AM

Lunch – Committee Members Only  
- Access Management (AHB70)  
- Geometric Design (AFB10)  
- Operational Effects of Geometrics (AHB65)

Access Management Committee  
Federal Hill  
1:00 PM – 4:00 PM

Geometric Design Subcommittee: Technical  
Waterable A  
1:00 PM – 2:15 PM

Operational Effects Subcommittee: Freeway  
Waterable B  
2:15 PM – 3:30 PM

Operational Effects Subcommittee: Performance Based Analysis and Speed Effects  
Waterable B  
3:30 PM – 4:45 PM

Geometric Design Subcommittee: Business  
Waterable A  
3:30 PM – 4:45 PM

Joint Subcommittees: Geometric Design's Technical and Operational Effects Performance-Based Analysis and Speed Effects  
Waterable A  
4:45 PM – 6:00 PM

Intersections Joint Subcommittee  
Waterable A  
7:00 PM – 8:30 PM

International Symposium Joint Steering Committee  
Waterable B  
8:30 PM – 10:00 PM

**Thursday July 17, 2008**

Geometric Design Joint Subcommittees: Technical and Research  
Federal Hill  
8:00 AM – 9:00 AM

Geometric Design – Technical Subgroups: Freeways/Interchanges and Highways  
Federal Hill  
9:00 AM – 10:15 AM

Geometric Design – Technical Subgroups: Streets/Intersections and Methodology  
Gibson  
10:15 AM – 11:30 AM

Geometric Design – Technical Subgroups: Chairs Follow-up Meeting  
Gibson  
11:30 AM – 12:00 PM

Operational Effects of Geometric Design Committee  
Federal Hill  
1:00 PM – 3:00 PM

Geometric Design Committee  
Gibson  
1:00 PM – 3:00 PM

Joint Full Committees  
Federal Hill  
3:00 PM – 5:00 PM

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**Tuesday July 15, 2008**

**Time**  | **Baltimore A** | **Baltimore B** | **Homeland**
---|---|---|---
7:00 – 8:00 | Continental Breakfast
8:00 – 9:45 | Sponsoring Committee: Geometric Design (AFB10)  
Larry Sutherland, Moderating  
Access Permitting Processes  
Jeff Altman, Moderating
9:45 – 10:15 | Mid-Morning Break & Poster Session
10:15 – 12:00 | Workshop 6  
Getting People Involved Productively  
Judy Meyer  
Plan Development and Implementation  
Christina Hope, Moderating  
Workshop 7  
Non-Traditional Intersection / Interchange Informational Report (NTIR)  
Ramanujan Jagannathan
12:00 – 1:15 | Lunch
1:15 – 3:30 | Workshop 6 Continued  
Workshop 8  
Road Trip: An Interactive Workshop on Roadway Facility Management  
Del Huntington (Sign-up required)
Workshop 7 Continued
4:15 | Offsite Dinner Event  
Ft. McHenry  
(Sign-up required)

**Wednesday July 16, 2008**

**Time**  | **Baltimore A** | **Baltimore B** | **Homeland**
---|---|---|---
7:00 – 8:00 | Continental Breakfast
8:00 – 10:00 | Sponsoring Committee: Operational Effects of Geometrics (AHB65)  
Brandon Nevers, Moderating  
Land Use and Access Management  
Donna Lewis, Moderating  
Workshop 9  
Successful Public Involvement: Engaging Stakeholders  
Bill Eisele and Bill Frawley
10:00 – 10:30 | Mid-Morning Break & Poster Session
10:30 – 12:00 | Closing Session
Poster Presentations

Throughout the course of the conference, there will be poster presentations available for viewing in the Baltimore Ballroom foyer area. At various times, the authors will be available to answer questions and discuss the material presented. In addition to the posters listed below, be on the lookout for student posters.

<table>
<thead>
<tr>
<th>Poster Title</th>
<th>Author</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access Management in Pictures: The Good, the Bad, and the Ugly</td>
<td>William Eisele</td>
<td>Texas Transportation Institute</td>
</tr>
<tr>
<td>Outreach Materials Developed for TxDOT</td>
<td>William E. Frawley</td>
<td>Texas Transportation Institute</td>
</tr>
<tr>
<td>Geometric Design of Driveways Update</td>
<td>J. L. Gattis</td>
<td>University of Arkansas</td>
</tr>
<tr>
<td>High Capacity Multi-Lane Roundabout Design and Implementation</td>
<td>Mark T. Johnson</td>
<td>MTJ Engineering</td>
</tr>
</tbody>
</table>

Be on the lookout for Student posters!

This year’s conference will include a first-ever student poster competition, sponsored by HDR, Inc. In addition to exposing young professionals to access management as a tool in transportation planning and design, the competition allows students to develop their professional skills by interacting with experienced leaders on the forefront of this topic.

Student posters will be on display in the foyer outside the Baltimore Ballrooms throughout the conference. A cash prize will be awarded to the winner, who will be announced during the Closing Session on Wednesday morning. Good luck to all the participants!

<table>
<thead>
<tr>
<th>Student Posters</th>
<th>Author</th>
<th>School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access Management in Optimizing Hurricane Evacuation Operations</td>
<td>Abbas Mohasel Afshar</td>
<td>University of Maryland</td>
</tr>
<tr>
<td>Rating the Sustainability of Transportation Investments: Corridors as a Case Study</td>
<td>Michelle Oswald</td>
<td>University of Delaware</td>
</tr>
<tr>
<td>A Sustainable Access Management Investigation Using Micro Simulation for US 69</td>
<td>Eric J. Fitzsimmons</td>
<td>Iowa State University</td>
</tr>
<tr>
<td>Comparison of Various Methods of Defining Access Density and Proposing a Weighted Methodology</td>
<td>Meeta Saxena</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>Using Conflict Points to Measure the Performance of an Access Management Program</td>
<td>John Connelly</td>
<td>University of Virginia</td>
</tr>
</tbody>
</table>
Tuesday, July 15

1:15 – 3:30
Baltimore A
WORKSHOP 6 CONTINUED

1:15 – 3:30
Baltimore B
WORKSHOP 8
Road Trip: An Interactive Workshop on Roadway Facility Management; Del Huntington, Kittelson & Associates; (Sign-up required)

1:15 – 3:30
Homeland
WORKSHOP 7 CONTINUED

4:15
OFFSITE DINNER EVENT
South Street Exit, Lobby Level, Buses begin leaving for Fort McHenry at 4:30
Dinner at Baltimore Museum of Industry at 6:30

Wednesday, July 16

7:00 – 8:00
CONTINENTAL BREAKFAST

8:00 – 10:00
Sponsoring Committee Podium Session (AHB65); Brandon Nevers, Kittelson & Associates, Moderator

8:00 – 10:00
Baltimore A
National Agenda for Intersection Safety; Rich Cookley, CH2M Hill
FHWA Technical Guide on Access Management; Del Huntington, Kittelson & Associates
Data Needs for Intersection Safety; Ed Stolof, ITE

8:00 – 10:00
Baltimore B
Land Use and Access Management; Donna Lewis, Mercer County, NJ, Moderator

8:00 – 10:00
Homeland
Linking Land Use and Transportation Decision Making in New York; Steve Munson, NIDOT
Assessing Development Impacts from Infrastructure Alternatives that vary from Local Land Use Plans; Michele Jones, McCormick Taylor
Tying Transportation Improvements, Future Land Use, Access Management, and Zoning Regulations Together for Successful Implementation; Rob Nesbit, LSL Planning, Inc.

8:00 – 10:00
Homeland
WORKSHOP 9
Successful Public Involvement: Engaging Stakeholders; Bill Eastele and Bill Frawley, Texas Transportation Institute

10:00 – 10:30
MID MORNING BREAK & POSTER SESSION

10:30 – 12:00
CLOSING SESSION

10:30 – 12:00
Baltimore A and B
Access Management Resources – An Orient-Invit-ation; Frank Boro, Teach America
What Do You Do Now? An Interactive Discussion; Bill Frawley, Texas Transportation Institute; Frank Boro, Teach America

Student Poster Competition Award: Thomas Hiles, HDR, Inc.
Looking Ahead to 2010 – Natchez, Mississippi; Jeff Attkan, Mississippi DOT

Sunday, July 13

12:30 – 4:30
REGISTRATION - INFORMATION

1:00 – 2:30
Baltimore A
WORKSHOP 1
The Use and Abuse of Crash Data in Roadway Access Management; Dave Plazak, Iowa State University
(Sign-up required)

2:30 – 3:00
AFTERNOON BREAK

3:00 – 5:00
Baltimore A
WORKSHOP 1 CONTINUED

5:30 – 7:30
WELCOME RECEPTION

Monday, July 14

7:00 – 4:30
REGISTRATION

7:00 – 8:15
CONTINENTAL BREAKFAST

8:15 – 9:30
OPENING SESSION Vaughn Lewis, Maryland State Highway Administration

Baltimore A
Welcome; John Porcari, Secretary, Maryland Department of Transportation
Ballroom A & B
FHWA Perspective on Access Management (Keynote); Regina McElroy, Director, Office of Transportation Management, Federal Highway Administration (Keynote)
Access Management: Past, Present, and Future; Kristine Williams, Committee Chair, Center for Urban Transportation Research

9:30 – 10:00
MID MORNING BREAK AND POSTER SESSION

10:00 – 11:45
Sponsoring Committee Podium Session (AhB65); Brandon Nevers, Kittelson & Associates, Moderator

Baltimore A
National Agenda for Intersection Safety; Rich Cookley, CH2M Hill
FHWA Technical Guide on Access Management; Del Huntington, Kittelson & Associates
Data Needs for Intersection Safety; Ed Stolof, ITE

Issues Related to Geometric Design of Intersections; Vergil Stover, Texas A & M University

Baltimore B
Land Use and Access Management; Donna Lewis, Mercer County, NJ, Moderator

8:00 – 10:00
Land Use and Access Management; Donna Lewis, Mercer County, NJ, Moderator

8:00 – 10:00
Baltimore B
Linking Land Use and Transportation Decision Making in New York; Steve Munson, NIDOT
Assessing Development Impacts from Infrastructure Alternatives that vary from Local Land Use Plans; Michele Jones, McCormick Taylor
Tying Transportation Improvements, Future Land Use, Access Management, and Zoning Regulations Together for Successful Implementation; Rob Nesbit, LSL Planning, Inc.

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Successful Public Involvement: Engaging Stakeholders; Bill Eastele and Bill Frawley, Texas Transportation Institute

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MID MORNING BREAK & POSTER SESSION

10:30 – 12:00
CLOSING SESSION

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What Do You Do Now? An Interactive Discussion; Bill Frawley, Texas Transportation Institute; Frank Boro, Teach America

Student Poster Competition Award: Thomas Hiles, HDR, Inc.
Looking Ahead to 2010 – Natchez, Mississippi; Jeff Attkan, Mississippi DOT

10:00 – 11:45
Land Use and Access Management; Donna Lewis, Mercer County, NJ, Moderator

10:00 – 11:45
Baltimore A
Impacts of AM Management Case Study: Ward Drive, Hwy 60, Conway, AR; Minl Le, Metroplan
Safety evaluation of access points near intersections and interchanges in NC; Reza Jafari, Chas H. Sells, Inc.
Identification of Performance Measures to Evaluate Access Management Programs; John Connolly, VDOT
Florida Site Impact Handbook; Gary Sokolow, Florida DOT

10:00 – 11:45
Baltimore B
What Do You Do Now? An Interactive Discussion; Bill Frawley, Texas Transportation Institute; Frank Boro, Teach America

Student Poster Competition Award: Thomas Hiles, HDR, Inc.
Looking Ahead to 2010 – Natchez, Mississippi; Jeff Attkan, Mississippi DOT

11:45 – 1:00
LUNCH

Monday schedule continues next page...
Monday, July 14

**CONCURRENT SESSIONS**

1:00 – 2:45

**Baltimore A**

**Design and Traffic Engineering; Jerry Gluck, Urbitan Associates, Moderator**

- Warrants for Left-Turn Lanes at Unsignalized Access Connections; Ida Van Schalkwyk, Arizona State University
- High Capacity Multi-Lane Roundabout Designs and Implementation; Mark Johnson, MTJ Engineering LLC
- Geometric Design of Driveways Update; J. L. Gattis, University of Arkansas
- Driveways, Parking, Bicycles, and Pedestrians: Balancing Safety and Efficiency; Karen Dixon, Oregon State University

1:00 – 2:45

**Guidelines, Policies and Standards; Tom Hiles, HDR, Inc., Moderator**

- Development of CARTS AM Standards using the TRB AM Manual; Minh Le, Metroplan
- Franklin County, VA AM Guidebook; Andrew Boenau, Vanasse Hangen Brustlin, Inc.
- Guide for Evaluating and Updating Corridor management Policies and Procedures; Kristine Williams, USF
- Implementing MoDOT’s Access Management Guidelines along Route 763; Michael Trueblood, HDR

2:45 – 3:15

**AFTERNOON BREAK & POSTER SESSION**

3:15 – 5:00

**Baltimore A**

- Comprehensive Public Involvement in Access Management Projects; Bradley K. Strader, LSI Planning, Inc.
- Outreach Materials Developed for TXDOT; Bill Frawley, Texas Transportation Institute
- Assessing Indirect Economic Impacts based on Access Improvements; Bob Maime, McCormick, Taylor & Associates

3:15 – 5:00

**Homeland**

- Progression and Circulation; Bob Jurain, CH2M Hill, Moderator

3:15 – 5:00

**Baltimore B**

- Development of CARTS AM Standards using the TRB AM Manual; Minh Le, Metroplan
- Franklin County, VA AM Guidebook; Andrew Boenau, Vanasse Hangen Brustlin, Inc.
- Guide for Evaluating and Updating Corridor management Policies and Procedures; Kristine Williams, USF
- Implementing MoDOT’s Access Management Guidelines along Route 763; Michael Trueblood, HDR

Tuesday, July 15

**REGISTRATION**

7:30 – 1:00

**CONTINENTAL BREAKFAST**

7:00 – 8:00

**CONCURRENT SESSIONS**

8:00 – 9:45

**Baltimore A**

- Virginia DOT’s New Access Management Manual; Richard C. Worssam, VDOT
- Incorporating Geometric Design Into Access Permit Regulations; Philip Demasihene, Parametric Consulting
- Operational and Safety Effects of Right-Turn Deceleration Lanes on Urban and Suburban Arterials; Ingrid Patts, Midwest Research Institute
- Designing and Managing Interchanges in Collaboration with the Public: An Interchange Area Management Plan Case Study; Marc Batorak, Kittelson & Associates

8:00 – 9:45

**Baltimore B**

- KDOT’s Electronic Highway Access Permit System (HAPS); Luann Roth, Kansas DOT
- Turn Lanes, Medians & Right of Way – Getting What You Ask For; Development of MnDOT’s Permitting Policy; Brian Gage, MnDOT
- Oregon DOT Dispute Resolution Process; Ann Zeltman, Oregon DOT

9:45 – 10:15

**MID MORNING BREAK & POSTER SESSION**

10:15 – 12:00

**Baltimore A**

- Getting People Involved Productively; Judy Meyer, Public Information Associates
- Plan Development and Implementation; Christina Hopes, Maricopa Association of Governments, Moderator

10:15 – 12:00

**Baltimore B**

- US 1 Howard County Access Improvement Strategy; Yolanda Takesion, Kittleson & Associates, Inc.
- Rural Access Management – “Innovative Approaches in Expressway to Freeway Conversion”; Darren Fortney, Short Elliot Hendrickson Inc.

12:00 – 1:15

**LUNCH IN BALTIMORE FOYER**

Tuesday schedule continues next page...