Sunday, September 20, 2015

1:00 p.m.–5:00 p.m.  SCOD Executive Committee Meeting  .................................. Ravenna
3:00 p.m.–6:00 p.m.  Registration  ............................................................... Metropolitan Ballroom–Pre-Function Area

Monday, September 21, 2015

7:00 a.m.–5:00 p.m.  Registration  ............................................................... Metropolitan Ballroom–Pre-Function Area
7:00 a.m.–8:00 a.m.  Breakfast  ........................................................................ Metropolitan Ballroom B
8:00 a.m.–9:30 a.m.  Joint General Session  ....................................... Metropolitan Ballroom A

Moderator/AASHTO SCOD Welcome
Carlos Braceras, Chair, Utah DOT
Washington State Welcome
Lynn Peterson, Secretary, Washington State DOT
FHWA Welcome
Dan Mathis, Washington Division Office, FHWA
AASHTO Update
Jim McDonnell, Program Director for Engineering, AASHTO
TRB Update
Richard Cunard, Engineer of Traffic and Operations, TRB

9:30 a.m.–9:45 a.m.  Morning Break  ............................................................... Foyer
9:45 a.m.–Noon  SCOD—Technical Committee Meeting  ................... Greenwood
Hydrology and Hydraulics
Chair: Karuna Pujara, Maryland SHA

9:45 a.m.–Noon  Joint Plenary Session  ........................................ Metropolitan Ballroom A

Performance-Based Practical Design Update
Robert Mooney, FHWA
Access, Context and Design Control
Andrew Beagle, P.E., Washington State DOT

Developing a Context-Sensitive Functional Classification
System for More Flexibility in Geometric Design
Nikiforos Stamatiadis, PhD, P.E., University of Kentucky

9:45 a.m.–Noon  Joint Plenary Session  ........................................ Metropolitan Ballroom A

Noon–1:00 p.m.  Lunch  ........................................................................ Metropolitan Ballroom B
1:00 p.m.–2:30 p.m. **SCOD Breakout Session** ........................................ Metropolitan Ballroom A

**Technical Committee Updates**

*Joint Technical Committee on Pavements*

**Judith Corley-Lay**, North Carolina DOT

*Technical Committee on Value Engineering*

**Terry Berends**, Washington State DOT

*Technical Committee on Roadside Safety*

**Andy Casey**, Georgia DOT

*Joint Technical Committee on Roadway Lighting*

**John Wright**, Indiana DOT

*Procurement, Management, and Administration of Engineering and Design Related Service*

**John McAvoy**, FHWA

1:00 p.m.–2:30 p.m. **TRB Breakout Session 1** ........................................................ Ravenna

**Moderator**

**Marc Butorac**, Kittelson & Associates


**Speakers**

**Kristine Williams**, Center for Urban Transportation Research, University of South Florida

**Karen Dixon, Ph.D.**, Texas AandM University

**Vergil Stover**, Center for Urban Transportation Research, University of South Florida

1:00 p.m.–2:30 p.m. **SCOD—Technical Committee Meeting** .................. Greenwood

**Hydrology and Hydraulics**

*Chair: Karuna Pujara, Maryland SHA*

2:30 p.m.–2:45 p.m. **Afternoon Break** ................................................................. Foyer

2:45 p.m.–3:45 p.m. **SCOD Breakout Session** ........................................ Metropolitan Ballroom A

*Technical Committee on Cost Estimating: Index-Based Cost Estimation with Accuracy and Precision Analysis*

**FHWA Cost Index Research Project**

**Zongwei Tao**, Weris, Inc.

**Richard Duval**, FHWA


**H. David Jeong**, Iowa State University

**Douglas Gransberg**, Iowa State University

2:45 p.m.–5:00 p.m. **SCOD—Technical Committee Meeting** .................. Greenwood

**Hydrology and Hydraulics**

*Chair: Karuna Pujara, Maryland SHA*

2:45 p.m.–4:15 p.m. **TRB Breakout Session 2** ........................................................ Ravenna

**TRB Research Subcommittee Meeting**

**Stuart Samberg**, RK&E, Research Chair
Monday, September 21, 2015

2:45 p.m.–5:00 p.m. **TRB Breakout Session 3 (CM)** .................................................. Issaquah

*Moderator*
Gary Sokolow, Florida DOT

**The Future of Community-Based Planning**
Elizabeth Robbins, Washington State DOT Community Planning Office

**Randall Road—Working with Property Owners**
Michael Wahlstedt, TransSystems

**Joint Base Lewis McChord Corridor Analysis**
Perry Shea, P.E., Shea Carr Jewell and Associates

**Access Management Case Studies with High Capacity Multi-Lane Roundabouts Design and Implementation**
Mark Johnson, MTJ Roundabout Engineering

3:45 p.m.–5:00 p.m. **SCOD Breakout Session** ................................................ Metropolitan Ballroom A

**Technical Committee on Geometric Design: Update of Guidelines for Geometric Design of Very Low Volume Local Roads (ADT<400)**
Bart Thrasher, Virginia DOT

**Technical Committee on Geometric Design: NCHRP 15-47—Developing an Improved Highway Geometric Design Process**
Tim Neuman, CH2M

**SCOD Discussion on NCHRP 15-52—Developing a Context-Sensitive Functional Classification System for More Flexibility in Geometric Design**
Jeff Jones, Tennessee DOT
Nikiforos Stamatiadis, PhD, P.E., University of Kentucky

5:30 p.m.–7:00 p.m. **Welcome Reception** ................................................ Metropolitan Ballroom Foyer

Tuesday, September 22, 2015

7:00 a.m.–5:00 p.m. **Registration** ................................................ Metropolitan Ballroom–Pre-Function Area

7:00 a.m.–8:00 a.m. **Breakfast** ............................................................. Metropolitan Ballroom B

8:00 a.m.–10:30 a.m. **SCOD Breakout Session** ........................................ Metropolitan Ballroom A

**Joint Technical Committee on Roadway Lighting:**
Advances in Highway Lighting
Dr. Ron Gibbons, Virginia Tech

**Technical Committee on Non-Motorized Transportation:**
Separated Bike Lanes
Don Peterson, FHWA
Paula Reeves, Washington State DOT
Dongho Chang, City of Seattle

**Technical Committee on Roadside Safety:**
MASH 2015 and The Transition Plan “NCHRP350 to MASH”
Andy Casey, Georgia DOT
8:00 a.m.–10:30 a.m.  **SCOD—Technical Committee Meetings**

**Environmental Design** ......................................................... Capitol Hill  
*Chair: Louis Feagans, Indiana DOT*

**Hydrology and Hydraulics** ................................................. Greenwood  
*Chair: Karuna Pujara, Maryland SHA*

8:00 a.m.–10:30 a.m.  **TRB Breakout Session 4 (CM)** ........................................... Ravenna  

*Moderator*

**Chuck Wade, TranSmart**

**Quantifying the Safety Effects of Access Management Using VISSIM and SSAM: A Kansas Urban Corridor Study**  
*Eric Fitzsimmons, Kansas State University*

**Investigating the Role of Access Management Strategies in Wrong-Way Driving Reduction in the Vicinity of Freeway Interchanges**  
*Dr. Hugo Zhou, Auburn University*

**Comprehensive Safety Evaluation of Access Management: China National Highway 205**  
*Jian Lu, Tongji University, Shanghai, China*

**Virginia’s Intersection Spacing Standards for Mixed-Use Urban Centers**  
*Robert W. Hofrichter, Virginia DOT*

**Access Management Strategies and Considerations for Complete Streets**  
*Andrew Young, Florida DOT*

8:00 a.m.–10:30 a.m.  **TRB Breakout Session 5 (CM)** ........................................... Issaquah  

* Moderator*

**Bradley Strader, LSL Planning**

**Access Management Considerations for Freight**  
*Matthew Pahs, Washington State DOT*

**Using Traffic Impact Studies to add value to a project: A Utah AM Case Study**  
*Tony Lau, Utah DOT*

**Kordel Braley, RSG**

**Addressing Land Use Issues in AM Regulations and the Permitting Process**  
*Kristine Williams, Center for Urban Transportation Research, University of South Florida*

**Access Management Plan for Tennessee SR-109, Nashville Area MPO**  
*Phil Demosthenes, Philip B. Demosthenes, LLC*

**Access Management Program and Procedures, Abu Dhabi U.A.E.**  
*Phil Demosthenes, Philip B. Demosthenes, LLC*

10:30 a.m.–10:45 a.m.  **Morning Break** ............................................................... Foyer
Tuesday, September 22, 2015

10:45 a.m.–Noon  SCOD Breakout Sessions

Region 1 .......................................................................................... Ballard
Chair: Kevin Marshia, Vermont AOT
Vice Chair: William Oldenburg, New Hampshire DOT
Secretary: Stanley Wood, Massachusetts DOT

Region 2 .......................................................................................... Kirkland
Chair: Bradley Eldridge, Kentucky TC
Vice Chair: William Adams, Alabama DOT
Secretary: Rob Bedenbaugh, South Carolina DOT

Region 3 .......................................................................................... Leschi
Chair: Eric Shroeter, Missouri DOT
Vice Chair: Chris Roy, Minnesota DOT
Secretary: Michael Kennerly, Iowa DOT

Region 4......................................................................................... Metropolitan Ballroom A
Chair: Roger Weigel, North Dakota DOT
Vice Chair: Lisa Wilson, Utah DOT
Secretary: Tim Tegeler, Oklahoma DOT

10:45 a.m.–Noon  SCOD—Technical Committee Meetings

Environmental Design ................................................................. Capitol Hill
Chair: Louis Feagans, Indiana DOT

Non-Motorized Transportation ............................................... Medina
Chair: Scott Woodrum, Virginia DOT

Hydrology and Hydraulics ......................................................... Greenwood
Chair: Karuna Pujara, Maryland SHA

10:45 a.m.–Noon  TRB Breakout Session 6 (CM) ......................... Ravenna
Moderator
Grant Schultz, BYU

Effects of Median Widths on Potential Wrong-Way Incidents on Divided Multilane Highways
Dr. Hugo Zhou, Auburn University

Development of Crash Modification Factors for Different Driveway Types Defined in the Highway Safety Manual
Dr. Michael Williamson, Indiana State University

The Mercer Mess—A Major Seattle Corridor Renovation
Angela Bradey, P.E., City of Seattle

10:45 a.m.–Noon  TRB Breakout Session Session 7 (CM) ............ Issaquah
Moderator
Cynthia Peck, DLZ, Inc.

Functional Roadway Classification, Complete Streets and Context Sensitive Design
Vergil G. Stover, Center for Urban Transportation Research, University of South Florida

Creating Access Management Opportunities Through Roundabout Corridors
Zachary Clark, P.E., Kittelson & Associates, Florida

North Carolina Court Experience with Access Management
Gary C. Faulkner, Traffic Impact Solutions, LLC
Tuesday, September 22, 2015

Noon–1:30 p.m. **Awards Luncheon** .......................................................... Metropolitan Ballroom B

1:30 p.m.–5:00 p.m. **SCOD—Technical Committee Meetings**
Non-Motorized Transportation ............................................................ Medina
Chair: **Scott Woodrum, Virginia DOT**

**Environmental Design** ................................................................. Capitol Hill
Chair: **Louis Feagans, Indiana DOT**

1:45 p.m.–5:15 p.m. **Mega Project Tour Opportunities AASHTO/SCOD**
1. Alaskan Way Viaduct Program
2. SR 520 HOV and Floating Bridge Program

3:15 p.m.–3:30 p.m. **Afternoon Break**

6:00 p.m.–8:00 p.m. **Host Night Event—A Taste of Seattle** ......................... Metropolitan Ballroom B

Wednesday, September 23, 2015

7:00 a.m.–5:00 p.m. **Registration** ........................................................ Metropolitan Ballroom–Pre-Function Area

7:00 a.m.–8:00 a.m. **Breakfast** ............................................................... Metropolitan Ballroom B

8:00 a.m.–9:00 a.m. **SCOD Breakout Session** ........................................ Metropolitan Ballroom A

**Technical Committee on Hydrology and Hydraulics: Climate Change**
Karuna Pujara, **Maryland SHA**

**Technical Committee on Environmental Design:**
Revised **Environmental Design Guide**
Louis Feagans, **Indiana DOT**

8:00 a.m.–10:30 a.m. **TRB Breakout Session 8 (CM)** ................................ Issaquah

Moderator
**Mike Roach, Wisconsin DOT**

**Shoreline Corridor Project**
Alicia McIntire, **Parametrix–Seattle**

**Laying a Good Foundation for Modern Access Management in Tennessee**
Jason Oldham, **Tennessee DOT**

**Maryland State Highways Access Management Process/ FBI Headquarters Relocation**
Erica Rigby, **Maryland SHA**

**Sight Distance Related to Access Management and Design**
Karen Dixon, **Texas A&M University**
Wednesday, September 23, 2015

8:00 a.m.–10:30 a.m. **TRB Breakout Session 9 (CM)** ........................................... Ravenna

*Moderator*

**Kristine Williams**, Center for Urban Transportation Research, University of South Florida

**Access Management Evaluation in the Houston Area**

**Robert Benz**, TTI, Houston

**Pylons: An Access Management Tool**

**Robert Benz**, TTI, Houston

**The Application of Access Management Technique in Residential Areas of Beijing**

**Li Wenzhao**, Beijing University of Technology, Beijing, China

**Using Benefit/Cost Analysis to Determine Auxiliary Turn Lanes for New Access Connections**

**Vergil G. Stover**, Center for Urban Transportation Research, University of South Florida

**Access Management of Road Intersections in Hyderabad City—A Case Study**

**D. Rajashekar Reddy**, Osmania University, India

9:00 a.m.–10:30 a.m. **SCOD General Session** .................................................. Metropolitan Ballroom A

*Chair: Carlos Braceras, Utah DOT*

*Vice-Chair: Joyce Taylor, Maine DOT*

10:30 a.m.–10:45 a.m. **Morning Break** ............................................................. Foyer

10:45 a.m.–4:30 p.m. **SCOD—Technical Committee Meeting** ................................. Capitol Hill

**Non-Motorized Transportation**

*Chair: Scott Woodrum, Virginia DOT*

10:45 a.m.–12:30 p.m. **SCOD Breakout Session**

**Region 1** ................................................................. Ballard

*Chair: Kevin Marshia, Vermont AOT*

*Vice Chair: William Oldenburg, New Hampshire DOT*

*Secretary: Stanley Wood, Massachusetts DOT*

**Region 2** ............................................................... Kirkland

*Chair: Bradley Eldridge, Kentucky TC*

*Vice Chair: William Adams, Alabama DOT*

*Secretary: Rob Bedenbaugh, South Carolina DOT*

**Region 3** ............................................................... Leschi

*Chair: Eric Shroeter, Missouri DOT*

*Vice Chair: Chris Roy, Minnesota DOT*

*Secretary: Michael Kennerly, Iowa DOT*

**Region 4** ............................................................... Metropolitan Ballroom A

*Chair: Roger Weigel, North Dakota DOT*

*Vice Chair: Lisa Wilson, Utah DOT*

*Secretary: Tim Tegeler, Oklahoma DOT*

10:45 a.m.–12:30 p.m. **SCOD—Technical Committee Meeting** ................................. Greenwood

**Hydrology and Hydraulics**

*Chair: Karuna Pujara, Maryland SHA*
10:45 a.m.–12:30 p.m. **TRB Breakout Session 10**  
**TRB Access Management Committee Meeting**  
*Chair: Marc Butorac, Kittelson & Associates, Portland, Oregon*

12:30 p.m.–1:30 p.m. **Lunch**

1:30 p.m.–3:30 p.m. **SCOD Breakout Sessions**

**Region 1**  
*Chair: Kevin Marshia, Vermont AOT*  
*Vice Chair: William Oldenburg, New Hampshire DOT*  
*Secretary: Stanley Wood, Massachusetts DOT*

**Region 2**  
*Chair: Bradley Eldridge, Kentucky TC*  
*Vice Chair: William Adams, Alabama DOT*  
*Secretary: Rob Bedenbaugh, South Carolina DOT*

**Region 3**  
*Chair: Eric Shroeter, Missouri DOT*  
*Vice Chair: Chris Roy, Minnesota DOT*  
*Secretary: Michael Kennerly, Iowa DOT*

**Region 4**  
*Chair: Roger Weigel, North Dakota DOT*  
*Vice Chair: Lisa Wilson, Utah DOT*  
*Secretary: Tim Tegeler, Oklahoma DOT*

1:30 p.m.–2:30 p.m. **TRB Breakout Session 11**  
**TRB Conference Wrap-Up Session and TRB Conference Subcommittee Meeting**  
*Chair: Barb De Ste. Croix, Washington State DOT*

1:30 p.m.–3:30 p.m. **SCOD—Technical Committee Meeting**  
Hydrology and Hydraulics  
*Chair: Karuna Pujara, Maryland SHA*

3:30 p.m.–3:45 p.m. **Afternoon Break**

3:45 p.m.–5:30 p.m. **SCOD—General Session**  
*Chair: Carlos Braceras, Utah DOT*  
*Vice-Chair: Joyce Taylor, Maine DOT*
Thursday, September 24, 2015

7:00 a.m.–8:00 a.m.  Breakfast

8:00 a.m.–10:00 a.m.  SCOD—Business Session ......................................................... Metropolitan Ballroom A
Chair: Carlos Braceras, Utah DOT
Vice-Chair: Joyce Taylor, Maine DOT

8:00 a.m.–10:00 a.m.  SCOD—Technical Committee Meeting ............................ Greenwood
Hydrology and Hydraulics
Chair: Karuna Pujara, Maryland SHA

10:00 a.m.–10:15 a.m.  Morning Break

10:15 a.m.–Noon  SCOD Breakout Session

Region 1 .................................................................................................................. Ballard
Chair: Kevin Marshia, Vermont AOT
Vice Chair: William Oldenburg, New Hampshire DOT
Secretary: Stanley Wood, Massachusetts DOT

Region 2 .................................................................................................................. Kirkland
Chair: Bradley Eldridge, Kentucky TC
Vice Chair: William Adams, Alabama DOT
Secretary: Rob Bedenbaugh, South Carolina DOT

Region 3 .................................................................................................................. Leschi
Chair: Eric Shroeter, Missouri DOT
Vice Chair: Chris Roy, Minnesota DOT
Secretary: Michael Kennerly, Iowa DOT

Region 4 ........................................................................................................ Metropolitan Ballroom A
Chair: Roger Weigel, North Dakota DOT
Vice Chair: Lisa Wilson, Utah DOT
Secretary: Tim Tegeler, Oklahoma DOT

10:15 a.m.–Noon  SCOD—Technical Committee Meeting ............................ Greenwood
Hydrology and Hydraulics
Chair: Karuna Pujara, Maryland SHA

Noon–1:00 p.m.  Lunch .................................................................................................. Metropolitan Ballroom B

1:00 p.m.–3:00 p.m.  Extreme Weather Workshop ....................................................... Ballard

1:00 p.m.–5:00 p.m.  SCOD—Technical Committee Meeting ............................ Greenwood
Hydrology and Hydraulics
Chair: Karuna Pujara, Maryland SHA