



Meeting Agenda

AASHTO SUBCOMMITTEE ON DESIGN
TRB COMMITTEE ON ACCESS MANAGEMENT

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

TECH COMMITTEE SESSIONS

JOINT SESSIONS
SCOD SESSIONS
TRB SESSIONS

1:00 p.m.–2:30 p.m.	<p>SCOD Breakout Session Metropolitan Ballroom A</p> <p>Technical Committee Updates</p> <p><i>Joint Technical Committee on Pavements</i> Judith Corley-Lay, North Carolina DOT</p> <p><i>Technical Committee on Value Engineering</i> Terry Berends, Washington State DOT</p> <p><i>Technical Committee on Roadside Safety</i> Andy Casey, Georgia DOT</p> <p><i>Joint Technical Committee on Roadway Lighting</i> John Wright, Indiana DOT</p> <p>Procurement, Management, and Administration of Engineering and Design Related Service John McAvoy, FHWA</p>
1:00 p.m.–2:30 p.m.	<p>TRB Breakout Session 1 Ravenna</p> <p><i>Moderator</i> Marc Butorac, Kittelson & Associates</p> <p>2nd Edition Access Management Manual and Access Management Application Guidelines Workshop</p> <p><i>Speakers</i> 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</p>
1:00 p.m.–2:30 p.m.	<p>SCOD—Technical Committee Meeting Greenwood</p> <p>Hydrology and Hydraulics <i>Chair:</i> Karuna Pujara, Maryland SHA</p>
2:30 p.m.–2:45 p.m.	<p>Afternoon Break Foyer</p>
2:45 p.m.–3:45 p.m.	<p>SCOD Breakout Session Metropolitan Ballroom A</p> <p>Technical Committee on Cost Estimating: Index-Based Cost Estimation with Accuracy and Precision Analysis FHWA Cost Index Research Project Zongwei Tao, <i>Veris, Inc.</i> Richard Duval, FHWA</p> <p>Technical Committee on Cost Estimating: NCHRP 15-51—Preconstruction Services Cost Estimating Guidebook H. David Jeong, Iowa State University Douglas Gransberg, Iowa State University</p>
2:45 p.m.–5:00 p.m.	<p>SCOD—Technical Committee Meeting Greenwood</p> <p>Hydrology and Hydraulics <i>Chair:</i> Karuna Pujara, Maryland SHA</p>
2:45 p.m.–4:15 p.m.	<p>TRB Breakout Session 2 Ravenna</p> <p>TRB Research Subcommittee Meeting Stuart Samberg, RK&K, Research Chair</p>

- 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.	<p>SCOD—Technical Committee Meetings</p> <p>Environmental Design Capitol Hill <i>Chair: Louis Feagans, Indiana DOT</i></p> <p>Hydrology and Hydraulics Greenwood <i>Chair: Karuna Pujara, Maryland SHA</i></p>
8:00 a.m.–10:30 a.m.	<p>TRB Breakout Session 4 (CM) Ravenna</p> <p><i>Moderator</i> Chuck Wade, TranSmart</p> <p>Quantifying the Safety Effects of Access Management Using VISSIM and SSAM: A Kansas Urban Corridor Study Eric Fitzsimmons, Kansas State University</p> <p>Investigating the Role of Access Management Strategies in Wrong-Way Driving Reduction in the Vicinity of Freeway Interchanges Dr. Hugo Zhou, Auburn University</p> <p>Comprehensive Safety Evaluation of Access Management: China National Highway 205 Jian Lu, Tongji University, Shanghai, China</p> <p>Virginia’s Intersection Spacing Standards for Mixed-Use Urban Centers Robert W. Hofrichter, Virginia DOT</p> <p>Access Management Strategies and Considerations for Complete Streets Andrew Young, Florida DOT</p>
8:00 a.m.–10:30 a.m.	<p>TRB Breakout Session 5 (CM) Issaquah</p> <p><i>Moderator</i> Bradley Strader, LSL Planning</p> <p>Access Management Considerations for Freight Matthew Pahs, Washington State DOT</p> <p>Using Traffic Impact Studies to add value to a project: A Utah AM Case Study Tony Lau, Utah DOT Kordel Braley, RSG</p> <p>Addressing Land Use Issues in AM Regulations and the Permitting Process Kristine Williams, Center for Urban Transportation Research, University of South Florida</p> <p>Access Management Plan for Tennessee SR-109, Nashville Area MPO Phil Demosthenes, Philip B. Demosthenes, LLC</p> <p>Access Management Program and Procedures, Abu Dhabi U.A.E. Phil Demosthenes, Philip B. Demosthenes, LLC</p>
10:30 a.m.–10:45 a.m.	<p>Morning Break Foyer</p>

10:45 a.m.–Noon

SCOD Breakout Sessions

Region 1Ballard

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

Region 2Kirkland

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

Region 3Leschi

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

Region 4Metropolitan 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 DesignCapitol Hill

Chair: **Louis Feagans**, Indiana DOT

Non-Motorized TransportationMedina

Chair: **Scott Woodrum**, Virginia DOT

Hydrology and HydraulicsGreenwood

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

JOINT SESSIONS
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 TECH COMMITTEE SESSIONS

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 <i>Chair: Scott Woodrum, Virginia DOT</i>
	Environmental Design	Capitol Hill <i>Chair: Louis Feagans, Indiana DOT</i>
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 <i>Environmental Design Guide</i> Louis Feagans, Indiana DOT	
8:00 a.m.–10:30 a.m.	TRB Breakout Session 8 (CM)	Issaquah
	<i>Moderator</i> 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	

8:00 a.m.–10:30 a.m.	<p>TRB Breakout Session 9 (CM) Ravenna</p> <p><i>Moderator</i> Kristine Williams, <i>Center for Urban Transportation Research, University of South Florida</i></p> <p>Access Management Evaluation in the Houston Area Robert Benz, <i>TTI, Houston</i></p> <p>Pylons: An Access Management Tool Robert Benz, <i>TTI, Houston</i></p> <p>The Application of Access Management Technique in Residential Areas of Beijing Li Wenzhao, <i>Beijing University of Technology, Beijing, China</i></p> <p>Using Benefit/Cost Analysis to Determine Auxiliary Turn Lanes for New Access Connections Vergil G. Stover, <i>Center for Urban Transportation Research, University of South Florida</i></p> <p>Access Management of Road Intersections in Hyderabad City—A Case Study D. Rajashekar Reddy, <i>Osmania University, India</i></p>
9:00 a.m.–10:30 a.m.	<p>SCOD General Session Metropolitan Ballroom A</p> <p><i>Chair: Carlos Braceras</i>, <i>Utah DOT</i> <i>Vice-Chair: Joyce Taylor</i>, <i>Maine DOT</i></p>
10:30 a.m.–10:45 a.m.	<p>Morning Break Foyer</p>
10:45 a.m.–4:30 p.m.	<p>SCOD—Technical Committee Meeting Capitol Hill</p> <p>Non-Motorized Transportation <i>Chair: Scott Woodrum</i>, <i>Virginia DOT</i></p>
10:45 a.m.–12:30 p.m.	<p>SCOD Breakout Session</p> <p>Region 1 Ballard</p> <p><i>Chair: Kevin Marshia</i>, <i>Vermont AOT</i> <i>Vice Chair: William Oldenburg</i>, <i>New Hampshire DOT</i> <i>Secretary: Stanley Wood</i>, <i>Massachusetts DOT</i></p> <p>Region 2 Kirkland</p> <p><i>Chair: Bradley Eldridge</i>, <i>Kentucky TC</i> <i>Vice Chair: William Adams</i>, <i>Alabama DOT</i> <i>Secretary: Rob Bedenbaugh</i>, <i>South Carolina DOT</i></p> <p>Region 3 Leschi</p> <p><i>Chair: Eric Shroeter</i>, <i>Missouri DOT</i> <i>Vice Chair: Chris Roy</i>, <i>Minnesota DOT</i> <i>Secretary: Michael Kennerly</i>, <i>Iowa DOT</i></p> <p>Region 4 Metropolitan Ballroom A</p> <p><i>Chair: Roger Weigel</i>, <i>North Dakota DOT</i> <i>Vice Chair: Lisa Wilson</i>, <i>Utah DOT</i> <i>Secretary: Tim Tegeler</i>, <i>Oklahoma DOT</i></p>
10:45 a.m.–12:30 p.m.	<p>SCOD—Technical Committee Meeting Greenwood</p> <p>Hydrology and Hydraulics <i>Chair: Karuna Pujara</i>, <i>Maryland SHA</i></p>

10:45 a.m.–12:30 p.m.	TRB Breakout Session 10 Ravenna TRB Access Management Committee Meeting <i>Chair: Marc Butorac, Kittelson & Associates, Portland, Oregon</i>
12:30 p.m.–1:30 p.m.	Lunch
1:30 p.m.–3:30 p.m.	SCOD Breakout Sessions
	Region 1 Ballard <i>Chair: Kevin Marshia, Vermont AOT</i> <i>Vice Chair: William Oldenburg, New Hampshire DOT</i> <i>Secretary: Stanley Wood, Massachusetts DOT</i>
	Region 2 Kirkland <i>Chair: Bradley Eldridge, Kentucky TC</i> <i>Vice Chair: William Adams, Alabama DOT</i> <i>Secretary: Rob Bedenbaugh, South Carolina DOT</i>
	Region 3 Leschi <i>Chair: Eric Shroeter, Missouri DOT</i> <i>Vice Chair: Chris Roy, Minnesota DOT</i> <i>Secretary: Michael Kennerly, Iowa DOT</i>
	Region 4 Metropolitan Ballroom A <i>Chair: Roger Weigel, North Dakota DOT</i> <i>Vice Chair: Lisa Wilson, Utah DOT</i> <i>Secretary: Tim Tegeler, Oklahoma DOT</i>
1:30 p.m.–2:30 p.m.	TRB Breakout Session 11 Ravenna TRB Conference Wrap-Up Session and TRB Conference Subcommittee Meeting <i>Chair: Barb De Ste. Croix, Washington State DOT</i>
1:30 p.m.–3:30 p.m.	SCOD—Technical Committee Meeting Greenwood Hydrology and Hydraulics <i>Chair: Karuna Pujara, Maryland SHA</i>
3:30 p.m.–3:45 p.m.	Afternoon Break
3:45 p.m.–5:30 p.m.	SCOD—General Session Metropolitan Ballroom A <i>Chair: Carlos Braceras, Utah DOT</i> <i>Vice-Chair: Joyce Taylor, Maine DOT</i>

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
	<i>Chair: Carlos Braceras, Utah DOT</i>	
	<i>Vice-Chair: Joyce Taylor, Maine DOT</i>	
8:00 a.m.–10:00 a.m.	SCOD—Technical Committee Meeting	Greenwood
	Hydrology and Hydraulics	
	<i>Chair: Karuna Pujara, Maryland SHA</i>	
10:00 a.m.–10:15 a.m.	Morning Break	
10:15 a.m.–Noon	FHWA Meeting	Capitol Hill
10:15 a.m.–Noon	SCOD Breakout Session	
	Region 1	Ballard
	<i>Chair: Kevin Marshia, Vermont AOT</i>	
	<i>Vice Chair: William Oldenburg, New Hampshire DOT</i>	
	<i>Secretary: Stanley Wood, Massachusetts DOT</i>	
	Region 2	Kirkland
	<i>Chair: Bradley Eldridge, Kentucky TC</i>	
	<i>Vice Chair: William Adams, Alabama DOT</i>	
	<i>Secretary: Rob Bedenbaugh, South Carolina DOT</i>	
	Region 3	Leschi
	<i>Chair: Eric Shroeter, Missouri DOT</i>	
	<i>Vice Chair: Chris Roy, Minnesota DOT</i>	
	<i>Secretary: Michael Kennerly, Iowa DOT</i>	
	Region 4	Metropolitan Ballroom A
	<i>Chair: Roger Weigel, North Dakota DOT</i>	
	<i>Vice Chair: Lisa Wilson, Utah DOT</i>	
	<i>Secretary: Tim Tegeler, Oklahoma DOT</i>	
10:15 a.m.–Noon	SCOD—Technical Committee Meeting	Greenwood
	Hydrology and Hydraulics	
	<i>Chair: Karuna Pujara, Maryland SHA</i>	
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	
	<i>Chair: Karuna Pujara, Maryland SHA</i>	

TECH COMMITTEE SESSIONS

JOINT SESSIONS
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