



# Technical Session Schedule



## Monday June 30

### 10:30 a.m. – 12:00 p.m. Session 1

#### 1A: Weather Responsive Traffic Management, LaCroix A

MODERATOR: **Paul Olson, FHWA**

**Roemer Alfelor, FHWA** - Federal Program for Weather Responsive Traffic Management

**Dave Huft, SDDOT** - South Dakota DOT Weather Responsive Regional Traveler Information System

**Ali Ragan, Vince Garcia, WYDOT** - Using Mobile Data From Maintenance Vehicles to Support Weather Responsive Traveler Information and Traffic Management Systems

**Carl Olson, DKS Associates** - Oregon DOT Weather Responsive Active Traffic Management

#### 1B: Leadership ITE – The Future, LaCroix B

MODERATOR: **Michael Sanderson, Sanderson Stewart**

**Dongho Chang, City of Seattle; Martin Gugel, City of Springfield;**

**Susan Paulus, Lakeside Engineers; Chad Hammerl, Jacobs;**

**Danielle Scharf, Sanderson Stewart**

#### 1C: Design of Alternative Intersections, LaCroix C

MODERATOR: **Jim Jussel, Alfred Benesch & Company**

**Laycee Kolkman, HDR** - A new twist on DDI design

**Mark Fayta, Iteris** - Measuring Performance at an Innovative Roundabout Intersection - a BBI

**Smith Siromaskul, HDR** - Evolving the DDI

**Brandon Bourdon, Kimley Horn/Tom Bowlin, City of**

**Bloomington/Al Dye, MSPMAC** - First DDI Constructed With Center Running LRT

#### 1D: Oversized Trucks in Roundabouts, LaCroix D

MODERATOR: **Jim McCarthy, FHWA**

**Peter Lynch, Specialized Freight Solutions** - Overview of the Wisconsin OSOW Network and Important Lessons Learned

**Gene Russell, Kansas State** - Eight State Pool Fund Study on Accommodating Over-sized, Over-weight (OSOW) at Roundabouts

**Michael Frost, Transoft Solutions** - Modeling OSOW Movements through Field Testing Partnerships

**Mark Johnson, MTJ Engineering** - Roundabout Design Tips and Lessons for Addressing Truck Movements

### Monday 1:30 p.m. – 3:00 p.m. Session 2

#### 2A: The NACTO Urban Street Design Guide, LaCroix A

MODERATOR: **John LaPlante, TY Lin**

**David Roseman, City of Long Beach** - Urban Parking Management

**Steve Colman, Kittelson** - Observations and Comments on NACTO

**Peter Koonce, City of Portland** - NACTO Guidelines and Opportunities it Provides for Public Streets

#### 2B: Ethics of our Profession Roundtable, LaCroix B

MODERATOR: **Jennifer Rosales, City of San Clemente**

**Grant Schultz, BYU; Jenny Grote, City of Phoenix; Jeff Young,**

**Todd Szymkowski, Lakeside; Jim Pline, Pline Engineering**

#### 2C: Adaptive Traffic Control Systems, LaCroix C

SEMINAR:

**Paul Olson, FHWA** - Federal Systems Engineering Approach Model Documents for Adaptive Signal Control - How to Use them

#### 2D: Highway Safety Manual Applications, LaCroix D

MODERATOR: **Dr. Xiao Qin, South Dakota State University**

**Brent Jennings, Idaho Transportation Department/Bill Loudon,**

**DKS Associates** - A Data-Driven Process for Prioritizing Highway Safety Investments in Idaho

**Scott Thorson/Walt Vodrazka Jr, Orth-Rodgers** - Road Safety Audits in Nevada

**Jeanne Bowie, Kinney Engineering** - Calibrating the HSM for Transportation Planning Projects in Alaska

### Monday 3:30 p.m. – 5:00 p.m. Session 3

#### 3A: Bicycle, LaCroix A

MODERATOR: **Allan Pacada, EMCS, Inc**

**Brian Willham, Shive-Hattery** - Balancing Operation & Safety for Motorized and Non-Motorized Traffic

**Christopher Kinzel, HDR** - Bicycle Facility Selection: Toward a More Standardized Process

**Robert Kahn, RK Engineering** - Current Status of Bike Sharing in the USA

**Helen "Maggie" O'Mara, Caltrans** - Rethinking Bike Lane Design Standards

#### 3B: Perception of Transportation Professionals in Today's World, LaCroix B

MODERATOR: **Chuck Huffine, Jacobs** - Western District Public Relations Chair

**Jeff Young, ITE Public Agency Council; Steve Scalici, STV; Monica Suter, City of Santa Ana; and Terry Little, Garden City, Idaho**

#### 3C: Reducing Delay/Emission with Signals, LaCroix C

MODERATOR: **Ronald Wolcott, RUGGEDCOM Siemens Industry**

**J.D. Schneeberger, Noblis** - Connected Vehicle Technologies and Emissions Reductions at Intersections: Initial FHWA Modeling Results

**Joe Mineiro, Trafficware** - Highlighting the Reduction in Delay and Air Emissions by Implementing Adaptive Signal Control

**Marshall Cheek, Trafficware** - Improving Traffic Flow Through Agency Collaboration in Florida, South Carolina & CA using ATMS.now

**Dustin Hinds, Trafficware** - Palm Beach County's Use of Emergency.now to Decrease Response Times

#### 3D:SHRP2: Putting Research into Practice, LaCroix D

MODERATOR: **Omar Smadi, Center for Transportation Research and Education, Iowa State**

**Aladdin Barkawi, FHWA** - Safety Focus Area

**Ken Jacoby, FHWA** - Renewal Focus Area

**Binh Bui, Georgia DOT** - State Implementation of SHRP2

## Tuesday July 1

### 8:30 a.m. – 10:00 a.m. Session 4

#### 4A: Bicycle Detection Case Study, LaCroix A

MODERATOR: **Steve O'Connor, Summit Traffic**

Using Stop Bar Detection Radar to Increase Intersection Efficiency and Safety for All Vehicles

**Spencer Banta, Wavetronix** - Vendor/Application Engr Perspective

**Mark Esposito, Hartzog Craybil** - Engineer Perspective

**Jamie Mackey, UDOT** - DOT Perspective

#### 4B: Transportation Certification Roundtable, LaCroixB

MODERATOR: **Ken Ackeret, TPCB Vice Chair**

**Tim Harpst, TPCB Chairperson**

**John Davis, TPCB Discipline Director**

**Dennis Randolph, Organizational Director**

#### 4C: Traffic Signal Advances & Technology, LaCroix C

MODERATOR: **Kiel Ova**

**Chalap Sadam, Albert Grover Associates** - Strategies to Re-Capture Lost Arterial Traffic Carrying Capacities

**Scott Carlson, Iteris** - Freeway Diversions - San Mateo's ICM Project

**David Hale, University of Florida** - Possible Problems with Cost-Effectiveness of Adaptive Signals

**Eric Gannaway, Rhythm Engineering** - Adaptive Signals

Demonstrate Potential Safety Benefits Over Standard Signal Timing

#### 4D: Temporary Traffic Control, LaCroix D

MODERATOR: **Todd Knox, Snyder and Associates**

**James Gersema, SRF Consulting** - Robert Street: Maintaining Business Access through Innovative Traffic Management

**Susan Paulus, Lakeside Engineers** - US 12 Madison Beltline Yahara River Bridge Work Zone Capacity

**Monica Heller, SDDOT** - Traffic Control for the Sturgis Motorcycle Rally

**Kevan Shafizadeh, CSU Sacramento** - Conflicts and Level of Service at Four-Legged, Signalized Intersections in Sacramento

### Tuesday 10:30 a.m. – 12:00 p.m. Session 5

#### 5A: Intelligent Transportation Systems, LaCroix A

**Pat Noyes, Pat Noyes & Associates** - Seminar on the ITS ePrimer

**Bob McQueen, The OCash Co.** - ePrimer Author Tolling and Pricing

#### 5B: Student Career Development, LaCroix B

MODERATOR: **Neelam Sharma, URS**

Students - Bring your resume to be professionally reviewed and come ready for mock interviews - Learn basics about "how to get a job"

#### 5C: Transit Signal Priority, LaCroix C

MODERATOR: **Nick Erpelding, SRF**

**Bart Przybyl, Apex** - Transit Signal Priority in the Denver Metro

**Minjie Mei, City of Santee** -Cuyamaca Street Signal Upgrade with Trolley Priority

**Allen Nie, Hatch Mott McDonald** - I-225 Light Rail Signal Control Strategies Development and Evaluation

**Ramin Massoumi, Iteris** - Design and Configuration Considerations for a "Smart Transit" System





# Technical Session Schedule



## 5D: Moving Toward Zero Deaths - Safety Action Plans, LaCroix D

**MODERATOR: Shauna Hallmark, Iowa State**  
**Joe Marek, Clackamas County** - *The Role of the Transportation Safety Action Plan in Guiding Efforts to Reduce Fatal and Serious Injury*  
**Jay Otto, Montana State** - *Building the Positive in a Community to Create a Safer Transportation System*  
**Keith Knapp, Iowa State** - *Systematic Improvements to Reduce Crashes - A Guide to Low Cost Solutions*

## Tuesday July 1

### Tuesday 1:30 p.m. - 3:00 p.m. Session 6

## 6A: Context Sensitive Case Study: Grand Ave LaCroix A

**MODERATOR: Craig Gaskill, TSH Engineering**  
**Joe Elsen, CDOT** - *DOT Perspective/Client*  
**Brian Pettet, Pitkin County** - *Manager of Public Works Perspective*  
**Jim Clarke, Jacobs** - *Environmental Manager/Perspective*  
**Richard Henderson, Granite Construction** - *Contractor Perspective*

## 6B: Media in Transportation Workshop, LaCroix B

**MODERATOR: Randy McCourt, DKS Associates**  
*Mock Media Interviews with Transportation Professionals - how to handle news stories from both the media and engineer's perspective*  
**Cindy Davis, KOTA Television Station News Director**  
**Scott Feldman, Rapid City Journal Business Reporter**

## 6C: Technology in Transportation, LaCroix C

**MODERATOR: Melissa Rosas, Apex Design**  
**Jamie Mackey, UDOT** - *Automated Traffic Signal Performance Measures*  
**Kevin Mizuta, Transpo Group** - *Traffic Data Roadmap: Where We Have Been, Where We Are Going*  
**Jeanne Olubogon, MoDOT** - *MoDOT's Speed Warnings on DMS Pilot*  
**Kevin Chang, University of Idaho** - *Cybersecurity and Transportation - Important Considerations Moving Forward*

## 6D: Roundabouts, LaCroix D

**MODERATOR: Gene Russell, Kansas State University**  
**Mike Bittner, Kadrmas, Lee & Jackson** - *Roundabout Solutions for Complex Traffic Environments*  
**Kathy Harris, Kadrmas, Lee & Jackson/Scott Fanning, KLJ/Danielle Bolan, MDT** - *Multi-Lane Roundabouts in an Interim Condition*  
**John Ash, University of Wisconsin** - *Safety Evaluation of Wisconsin's Roundabouts*  
**Mark Johnson, MTJ Engineering** - *Business Access and Associated Benefits Provided by Roundabouts*

### Tuesday 3:30 p.m. - 5:00 p.m. Session 7

## 7A: Thinking Inside the Box: Traffic Controllers for Traffic Analysts LaCroix D

**MODERATOR: Randy Johnson, DKS Associates**  
**Peter Koonce, City of Portland and Kiel Ova + Traffic Signal Controller Vendors Trafficware, Siemens, Peek/NWS, McCain**  
*Transportation experts from both a practitioner and signal controller vendor perspective will present a general controller overview, how the features may or may not influence analysis results, and unique advanced signal controller timing features to help you fine the most cost effective solution.*

## Wednesday July 2 (at the Holiday Inn)

### Wednesday 8:30 a.m. - 10:00 a.m. Session 8

## 8A: Corridors and Access Management, Dakota A/B/C

**MODERATOR: Rick Laughlin, HDR**  
**Jeff Held, Strand Assoc. & Yang Tao, City of Madison** - *University Avenue Corridor in Madison - Multimodal Strategies to Manage Travel*  
**Kenneth Ryan, Muller Engineering** - *Correlating Sun Glare and Traffic Accidents*  
**J. L. Gattis, University of Arkansas** - *The Next Generation of Access Management Guidance*  
**Grant G. Schultz, BYU** - *An Assessment of Raised Median Economic Impacts in Utah*

## 8B: The Future of the MUTCD Workshop, Dakota D/E/F

**MODERATOR: Jonathan Upchurch**  
**Jon Upchurch, NCUTCD Member** - *A Convergence of Events: The Future of the MUTCD*  
**Scott Kuznicki, Modern Traffic Consultants** - *Using Technology in the future MUTCD*

## 8C: Best in the West - CEO Forum, Hammons

**MODERATOR: Zaki Mustafa, Principal, City of Los Angeles**  
**Hibbett Neel, CEO, Neel Schaffer, Inc**  
**Michael Sanderson, CEO, Sanderson Stewart**  
**Joel Jundt, Director of Planning and Engineering, SDDOT**  
**Sam Kooiker, Mayor of Rapid City**

### Wednesday 10:30 a.m. - 12:00 p.m. Session 9

## 9A: Small City Transportation Issues, Dakota A/B/C

**MODERATOR: Jason Peek, City of Stillwater**  
**Ivana Tasic, University of Utah** - *Street Connectivity vs Street Widening: Impact of Enhanced Street Connectivity on Traffic Operations*  
**Leif Garnass, SRF Consulting** - *Reclaiming Main Street: Downtown Ottumwa, Iowa Two-Way Conversions and Quiet Zones*  
**Yuri Mereszczak, Kittelson & Associates** - *Smart Transportation Planning Opens the Door to Value-Driven Recommendations: Eagle, ID*  
**William Troe, SRF Consulting** - *Creating Midwestern Transit Sustainability and Stability*

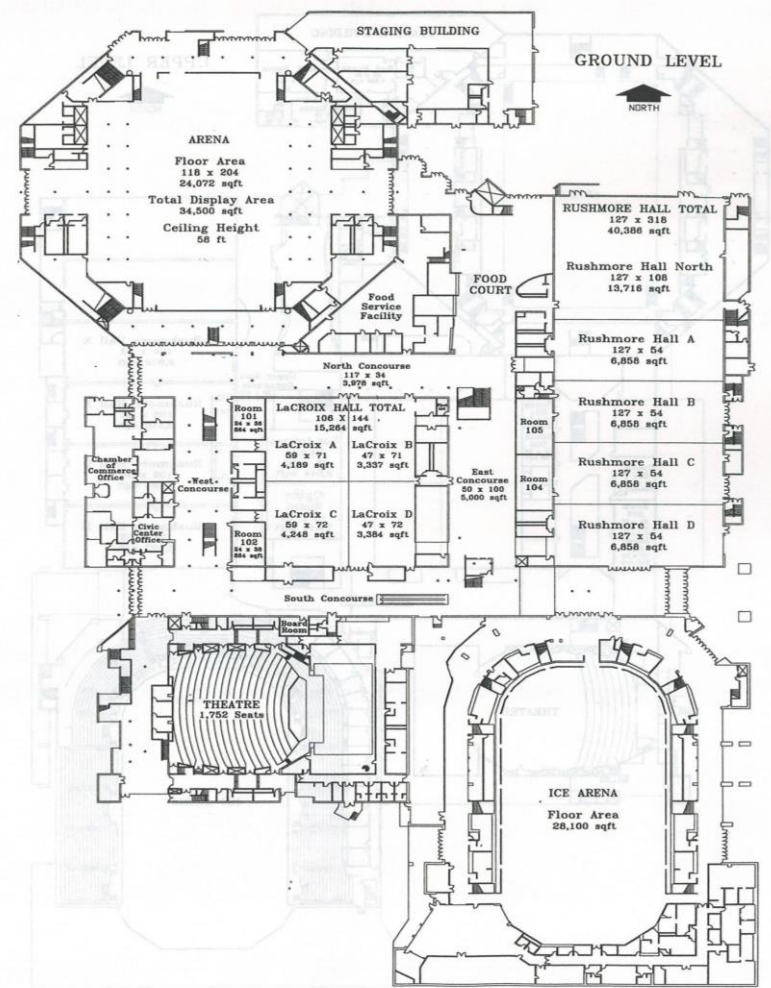
## 9B: HCM 2010: Use/Misuse/Updates, Dakota F/G/H

**MODERATOR: Christopher Kinzel, HDR**  
**Erik Ruehr, VRPA Technologies** - *Major Update of the 2010 HCM*  
**Zong Tian, UNR** - *Signal Control and Capacity at Diverging Diamonds*  
**Jim McCarthy, FHWA** - *Alternative Intersection Procedures in the HCM*  
**Ann Bowers, Fehr & Peers** - *Emerging Impacts to Capacity Analysis and the Development of SB 743 in California - Is LOS Obsolete?*

## 9C: Best in the West - "Unconference", Hammons

This session will be unprogrammed to allow topics of immediate interest to be presented by attendees of the conference with topics that are of interest to them.

## Convention Center Layout



## Holiday Inn Layout

