

**SCHEDULE AND TECHNICAL PROGRAM  
SDITE 2009 ANNUAL MEETING  
RENAISSANCE ROSS BRIDGE GOLF RESORT & SPA  
BIRMINGHAM, ALABAMA**

**Sunday April 19, 2009**

Golf Tournament	8:00 AM	RTJ Oxmoor Valley
Conference Registration	12:00-6:00 PM	Pelham
SDITE Executive Board Meeting	3:00-6:00 PM	Salon ABC
Welcome Reception	6:00-7:00 PM	Terrace
ABD Hospitality Suites	7:00-10:00 PM	
Quality Traffic Systems		Governor's Suite, 5 <sup>th</sup> Floor
3M Traffic Safety Systems Division		Vulcan Suite, 6 <sup>th</sup> Floor
Vulcan, Inc. & Nucor Steel Marion, Inc.		Presidential Suite, 6 <sup>th</sup> Floor
Temple, Inc.		Shannon Board Room, 6 <sup>th</sup> Floor

**Monday April 20, 2009**

Officer's Breakfast	7:00-8:30 AM	Mountain Brook
Strategic Planning Groups	7:30-8:30 AM	
Technical Knowledge		Salon ABC
Workforce Development		Salon ABC
Leadership Development		Salon ABC
Information, Communications and Outreach		Helena
Conference Registration	8:00 AM – 5:00 PM	Pelham
Opening Session	8:30-10:00 AM	Salon D
Invocation		Robby Hyche, Minister of Single Adults First Baptist Church Trussville
Presentation of Colors		Samford University AFROTC
Pledge of Allegiance		Karen Mohammadi, President, SDITE
National Anthem		Shellie Skipper Vines
Roll Call of States		Karen Mohammadi, President, SDITE
Welcoming Remarks		Lori Salter, Public Information Officer City of Hoover Mayor's Office
Keynote Address		Mr. Don Arkle, Assistant Chief Engineer, Policy and Planning Alabama Department of Transportation

Break	10:00-10:30 AM	Salon EFGH
ABD Exhibits	10:00 AM – 4:00 PM	Salon EFGH
Technical Session 1	10:30-12:00 PM	

Session 1A Salon D

Moderator: Thomas Swanson, President DSITE  
*West End Baseball Field Shared Parking Analysis*, Wil Ravenhorst, City of Greenville and Gaye Sprague, Sprague & Sprague Consultants (SC)  
*NCSITE Shopping Center Trip Generation Task Force*, Will Letchworth, Wilbur Smith Associates (NC)  
*Shared Parking Analysis: Racino/Mixed Use Development*, Denis Finigan, Urban Systems Associates (LA)

Session 1B Mountain Brook

Moderator: Scott Walker, President KYSITE  
*A Comparison of Innovative Intersection Improvements at the US 78/SR 124 Intersection*, Jay Bockish and Nithin Gomez, Gresham Smith and Partners (GA)  
*Practical Solution Concepts for Planning and Designing Roadways*, Adam Kirk, KTC University of Kentucky (KY)  
*Can a Newly Designed Traffic Signal Resolve Existing Traffic Signal Limitations?* Ben Glover, Dekalb County (GA)

Session 1C Helena

Moderator: Tim Foster, President VASITE  
*Kaizen: Recreating American Communities through Safe Routes to School*, Margaret Kubilins, Kubilins Transportation Group (VA)  
*Hamburg Place Greenway Trail*, Mark McIntosh, HDR Engineering and Tony Barrett, Barrett Partners, Inc. (KY)  
*Using ITS Technology to Improve Pedestrian Safety*, Peggy Vonsherie Allen, Dekalb County (GA)

Session 1D Salon ABC

Moderator: Mike Holt, Secretary-Treasurer GA ITE  
*Highway Safety Manual Workshop*, Eric Green, Kentucky Transportation Center (KY) and Daniel Turner, University of Alabama (AL)

Lunch	12:00-1:30 PM	Salon EFGH
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Poster Session

12:00-1:30 PM

Terrace

Student Paper Competition Winners (Posters will be on display throughout the day on Monday)

*Effects of Speed Tables on Vehicle-Pedestrian Interactions and Safety Impacts on a College Campus Street*, Alexander Shoemaker, Auburn University (AL) - 2008 Graduate Student Paper Competition Winner

*Tracking Large Trucks in Real-Time with License Plate Recognition and Text-Mining Techniques*, Fransisco Moraes Oliveira-Neto, University of Tennessee (TN) - 2008 Graduate Student Paper Competition Runner-Up

*Infrastructure Needs and Transportation Impacts of a Proposed Commuter Rail Station in Cornelius, North Carolina*, Ryan Brumfield, University of North Carolina at Charlotte (NC) – 2008 Undergraduate Student Paper Competition Winner

*Investigation of a Continuous Flow Interchange at I-40 and US-1 in Raleigh, North Carolina*, Sarah Wicklund, North Carolina State University (NC) – 2008 Undergraduate Student Paper Competition Runner-Up

Strategic Planning Committee

12:00-1:00 PM

Helena

Technical Session 2

1:30-3:00 PM

Session 2A

Salon D

Moderator: John Gould, TSITE

*North Carolina Superstreets*, Paul Koch, Stantec, and Jim Dunlop, NCDOT (NC)  
*Complete Streets: Equal Footing for Bicycles, Pedestrians, and Vehicles*, Mike Surasky and Reza Jafari, WSP-SELLS (NC)

*Glenwood Avenue Road Diet*, Dwayne Tedder, PBS&J (GA)

Session 2B

Mountain Brook

Moderator: John Van Winkle, SDITE Information Communications and Outreach Team Leader and Jeff Moore, SDITE Work Force Development Team Leader

*Creating the Community for Building the 21st Century Workforce*

As a follow-up to the workforce development discussion at the 2008 SDITE meeting, this interactive session includes insights into the issues and concerns with recruiting future transportation professionals, examples of current outreach efforts, and a facilitated discussion of how SDITE can create a "community" of coordinated efforts and resources.

Session 2C

Helena

Moderator: Doug Peterson, President ALSITE

*Safety Studies: Seeing Corridors and Intersections through New Eyes*, Alison Catarella-Michel, Urban Systems (LA)

*Effects of Speed Tables on Traffic and Vehicle-Pedestrian Interactions on the Auburn University Campus*, Rod Turochy, Auburn University (AL)

*Role of Transit System and Ridership on Pedestrian Safety*, Srinivas Pulugurtha and Eshwar Penkey, University of North Carolina at Charlotte (NC)

Traffic Bowl Team Assembly	2:30 PM	Terrace
Break	3:00-3:30 PM	Salon EFGH
Traffic Bowl – Preliminaries	3:30-5:00 PM	Salon ABC
Load Buses at Ross Bridge for ABD Event	6:00 PM	
ABD Event	6:30-9:30 PM	Barber Motorsports Museum

**Tuesday April 21, 2009**

Section Breakfast	7:00-8:15 AM	Clubhouse
Conference Registration	8:00 AM – 5:00 PM	Pelham
SDITE Annual Business Meeting	8:30-10:00 AM	Salon D
ABD Annual Business Meeting	8:30-10:00 AM	Vestavia
Break	10:00-10:30 AM	Foyer

Technical Session 3 10:30-12:00 PM

Session 3A

Salon F

Moderator: Kirsten Tynch, Immediate Past President VASITE

*School Bus Seat Belts: Good for Us? Bad for Us?* Daniel Turner, University of Alabama (AL)

*City of Deadwood Pedestrian Circulation and Enhancement Study*, Jeff Hammond, RPM & Associates (TN)

*Methodology for Identifying Intersection Traffic Control Devices using Police Crash Reports*, In-Kyu Lim, VDOT (VA)

Session 3B

Salon G

Moderator: Cindy Pionke, District Representative TSITE

*SmartFIX40*, John Hunter, TDOT and Jeff Mize, Wilbur Smith Associates (TN)

*Shortcuts for Good Signal Coordination*, Paul Slone, URS Corporation (OH)

Session 3C

Salon H

Moderator: Jeff Davis, District Representative SC ITE

*Real-Time Simulation of Arterials with use of Video Detection and Microscopic Traffic Simulation*, Dwayne Henclewood, Guin Angshuman, and Michael Hunter, Georgia Institute of Technology (GA)

*Traffic Simulation Model Interactive with Travel Demand Forecasting Model*, Peng Yue, Jacobs Engineering Group (GA)

*Feasibility of Street Conversions in the Birmingham City Center*, Jugnu Chemmannur and Virginia Sisiopiku, University of Alabama at Birmingham (AL)

Lunch/Traffic Bowl – Final  
Technical Tour

12:00-1:30 PM  
12:00-4:00 PM

Salon ABCD  
Mercedes-Benz

Technical Session 4

1:30-3:00 PM

Session 4A

Salon F

Moderator: Eric Tripi, Past President SC ITE

*Toll Roads: Is My Organization Ready*, Victor Poteat, PBS&J (FL)

*Effects of High Occupancy Toll Lanes on Mass Vehicle Emissions: An Application to I-85 Atlanta*, David Kall, Cambridge Systematics (GA)

*Mileage Based Value Pricing: Phase II Case Study Implications of the Commute Atlanta Project*, Yanzhi Xu, Georgia Institute of Technology (GA)

Session 4B

Salon G

Moderator: Dennis Dickey, Vice President ALSITE

*Special Event Planning for the 2010 World Equestrian Games*, Ben Edelen, HDR Engineering, Bill Seymour, and Scott Walker, PB Americas (KY)

*Modeling Special Event Traffic Using Transcad*, Vijay Narapsetty, DKS Associates (WA)

*Incorporating Freight into the Transportation Process*, Gregory Harris and Michael Anderson, University of Alabama at Huntsville and Kevin Harrison, South Alabama Regional Planning Organization (AL)

Session 4C

Salon H

Moderator: Todd Long, District Representative GA ITE

*What Do Customers Think of ITS?* Kenny Voorhies, Cambridge Systematics, and Alex Trouteaud, The Schapiro Group (GA)

*Joint Transportation Management Centers*, Robert Edelstein, AECOM (FL)

*Active Traffic Management Options*, Virginia Sisiopiku, Germin Fadel, Ozge Cavusoglu, and Andrew Sullivan, University of Alabama at Birmingham (AL)

Break

3:00-3:30 PM

Foyer

Technical Session 5

3:30-5:00 PM

Session 5A

Salon F

Moderator: Lindsay Walker, Treasurer KYSITE

*Accommodating Population Growth with Adaptive Signal Control*, Betsy Williams and Travis White, Transcore ITS (GA)

*Improved Traffic Signal Efficiency in Rural Areas through the use of Variable Maximum Green Time*, Aswini Rajagopalan, AECOM (TN)

*Contracting Traffic Signal Retiming Services - A Public and Private Perspective*, Paul Slone, URS Corporation and Steven Cummins, Lexington-Fayette Urban County Government (KY)

Session 5B

Salon G

Moderator: Jeff Moore, Immediate Past President KYSITE

*Safety Effects of Median and Directional Crossovers at and near the Treatment Site*, Srinivas Pulugurtha and Rakesh Mora, University of North Carolina at Charlotte (NC)

*SALTEENS: An ALSITE Safe Driving Initiative*, Becky Malenke, Neel-Schaffer, Inc. (AL)

*Safety Evaluation of Red Light Cameras*, Srinivas Pulugurtha and Preethi Goverdhanam, University of North Carolina at Charlotte (NC)

Session 5C

Salon H

Moderator: Jeff Altman, Vice President DSITE

*Alternating Merging and Joint Merges in Lane Reduction Transition Areas*, Wakeel Idewu and Brian Wolshon, Louisiana State University (LA)

*Access Management Applications in Alabama*, Scott Cothron and Jeff Stephenson, Sain Associates (AL)

*State Route 9 Multi-Agency ATMS - Lessons in Arterial and Incident Management*, Scott Mohler, URS Corporation (GA)

Officer's Reception

6:00-7:00 PM

Terrace

Annual Awards Banquet

7:00-10:00 PM

Salon ABCD

### **Wednesday April 22, 2009**

LAC Breakfast

7:00-8:00 AM

Helena

Professional Development I

8:00 AM -10:00 AM

Salon FG

*Ethics – Is Your Personality Your Friend or Foe?* Marsha Anderson Bomar, Street Smarts (GA)

Break

10:00-10:30 AM

Foyer

Professional Development II

10:30 AM – 12:00 PM

Salon FG

*ITE Canon of Ethics*, David Mockbee, Attorney at Law, Mockbee Hall Drake & Hodge,  
PA (MS)