Dear Participant,

As Director and CEO of the Rahall Transportation Institute (RTI), I’d like to extend a warm welcome to all of our colleagues who have traveled to Huntington, West Virginia for the **2010 National Rural Intelligent Transportation Systems (NRITS) Conference**.

The NRITS Conference brings together a variety of transportation professionals from government, higher education, public and private industries. These individuals are gathered from throughout the United States and Canada to foster cooperation and coordination to enhance the future of Rural ITS through technical sessions, training opportunities, presentation of research and networking functions. Special thanks are extended to our keynote speakers and many sponsors whose generosity has made this conference possible.

During this conference, we are also pleased to present the 2010 Best of ITS Rural Awards to recognize the best and brightest of the rural ITS community as well as the 1st Annual NRITS Student Paper Award. We are happy to have the opportunity to recognize researchers while they are amongst their peers and to encourage higher education students to contribute to the body of knowledge of this rapidly changing industry.

As a native West Virginian, I also encourage conference goers to explore the beauty of Huntington and the surrounding areas in our “Wild and Wonderful” State. Founded by rail baron Collis P. Huntington, river, road, rail and trail converge in our historic city. Fine or casual dining and entertainment are available nearby at Pullman Square, as are several local artisan stores, antique shops and modern boutiques. A little further outside the city, outdoor adventures and sporting events are also available and enjoyable.

With kindest regards, I look forward to participating in the 2010 NRITS Conference with all of you.

Sincerely,

Bob Plymale
Director and CEO, RTI
SPECIAL THANKS
Planning Committee - Many individuals have come together to help make this event a success. In addition to those individuals speaking and moderating at the conference, we want to extend a special thank you to our conference committees:

Andrew Nichols, Rahall Transportation Institute (Conference Co-Chair)
Bruce Kenney, West Virginia Division of Highways (Conference Co-Chair)

Steve Albert, Western Transportation Institute (Rural SIG Chair)
Kimberley Baker, Rahall Transportation Institute
Linda Dodge, ITS JPO, USDOT
Robert Koeberlein, Idaho Transportation Department
Jim Larsen, Ada County Highway District
Rod MacKenzie, ITS America
Gael Setliff, Rahall Transportation Institute
Ted Smith, Noblis

The following individuals assisted by reviewing abstracts:

Steve Albert, Western Transportation Institute
Pete Costello, INRIX
David Crout, Tri-County Metropolitan Transportation Dist. of Oregon
Dean Deeter, Athey Creek Consultants
Doug Galarus, Western Transportation Institute
Dawn Gustafson, Michigan Department of Transportation
Mike Haas, Open Roads Consulting
Hau Hagedorn, OTREC
Bruce Hunt, Federal Highway Administration
Bruce Kenney, West Virginia Division of Highways
Robert Koeberlein, Idaho Transportation Department
Chris Lane, ITS America
Jim Larsen, Ada County Highway District

Bill Legg, Washington State Department of Transportation
Lisa Nelson, Telvent
Andrew Nichols, Rahall Transportation Institute
Paul Pisano, Federal Highway Administration
Nathaniel Price, Federal Highway Administration
Manny Puentes, ITS Consensus
David Ridgley, ITS America
Acey Roberts, Mississippi Department of Transportation
Jim Schultz, Michigan Department of Transportation
Jack Stickel, Alaska DOT&PF
David Veneziano, Western Transportation Institute
Ron Vessey, Washington State Department of Transportation
This event would not be possible if it were not for the generosity of our conference sponsors. Thank you!

New River Gorge Sponsor

Harpers Ferry Sponsor

Seneca Rock Sponsor

Friend-of-Rural-ITS
The following vendors will have displays setup in the Grande Ballroom and Lobby beginning Monday, August 2nd and continuing through Tuesday, August 3rd.

**Numeric Listing**

Booths 1&2 - Western Transportation Institute  
Booth 4 - Gannett Fleming, Inc.  
Booths 5&6 - Open Roads Consulting  
Booth 7 - Intelligent Devices  
Booth 8 - International Road Dynamics (IRD)  
Booth 9 - Signal Control Products  
Booth 10 - McCain, Inc.  
Booth 11 - High Sierra Electronics  
Booth 12 - Trapeze Software  
Booth 13 - Meridian Environmental Technology, Inc.  
Booth 14 - Motorola  
Booth 15 - IMAGO North America  
Booth 16 - Skyline Products  
Booth 17 - RGA, Inc.  
Booth 18 - Sensys Networks, Inc.  
Booth 19 - SES America  
Booth 20 - American Signal Company  
Booth 21 - Image Sensing Systems Canada  
Booth 22 - Daktronics  
Booth 23 - CTS Software, Inc.  
Booth 24 - Digital Traffic Systems, Inc.  
Booth 25 - RuggedCom  
Booth 26 - ITS JPO, USDOT  
Booth 27 - LogicTree Corporation  
Booth 28 - Lufft USA, Inc.  
Booth 29 - DeerDeter  
Booth 30 - ITS America  
Booths 31 - ITS Canada  
Booth 32 - Vaisala  
Booth 33 - M.H. Corbin, Inc.  
Booth 34 - Cohu Electronics  
Booth 35 - Marshall University  
Booth 36 - Citilog, Inc.  
Booth 37 - Electrobraid Fence, Inc.  
Booth 38 - Boschung America, LLC  
Booth 39 - Rahall Transportation Institute

**Alphabetical Listing**

American Signal Company (Booth 20)  
Boschung America, LLC (Booth 38)  
CitiLog, Inc. (Booth 26)  
COHU Electronics (Booth 34)  
CTS Software, Inc. (Booth 23)  
Daktronics (Booth 22)  
DeerDeter (Booth 29)  
Digital Traffic Systems, Inc. (Booth 24)  
Electrobraid Fence, Inc. (Booth 37)  
Gannett Fleming, Inc. (Booth 4)  
High Sierra Electronics (Booth 11)  
Image Sensing Systems Canada (Booth 21)  
IMAGO North America (Booth 15)  
Intelligent Devices (Booth 7)  
International Road Dynamics (Booth 8)  
ITS America (Booth 30)  
ITS Canada (Booth 31)  
ITS JPO, USDOT (Booth 26)  
LogicTree Corporation (Booth 27)  
Lufft USA (Booth 28)  
Marshall University (Booth 35)  
McCain, Inc. (Booth 10)  
Meridian Environmental Technology, Inc. (Booth 13)  
M.H. Corbin, Inc. (Booth 33)  
Motorola (Booth 14)  
Open Roads Consulting (Booths 5&6)  
Rahall Transportation Institute (Booth 39)  
RGA, Inc. (Booth 17)  
RuggedCom (Booth 25)  
Sensys Networks, Inc. (Booth 18)  
SES America (Booth 19)  
Signal Control Products (Booth 9)  
Skyline Products (Booth 16)  
Trapeze Software (Booth 12)  
Vaisala (Booth 32)  
Western Transportation Institute (Booths 1&2)
**Schedule-at-a-Glance**

**Sunday, August 1st**
- 1:00 - 5:00 pm NTI Course - Implementing Rural Transit Technology
- 5:00 - 8:00 pm Heritage Farms Reception (family friendly fun)

**Monday, August 2nd**
- 7:15 am Registration/Breakfast/Vendor Area Opens
- 8:30 am Opening Session
- 10:00 am ITS Information Assembly
- 10:30 am NTI Course continues
- 12:00 pm LUNCH
- 1:00 pm A1: Evolution and Deployment of MDSS  
A2: Leadership Roundtable - How Does ITS Compete with Traditional Rural Transportation Projects?  
A3: Planning for ITS Safety Deployments  
A4: Advanced Operational Concepts Workshop (Part 1)  
A5: NTI Course continues
- 2:30 pm BREAK
- 2:50 pm B1: Clarus - Advanced Tools for Road Weather Management Program  
B2: Multi-Agency Coordination  
B3: Rural Safety Innovation Program - An Overview and Status Update  
B4: Advanced Operational Concepts Workshop (Part 2)  
B5: NTI Course continues
- 4:30 pm Adjourn
- 6:30 pm Group Activity - Belle of Cincinnati Riverboat Cruise and Dinner

**Tuesday, August 3rd**
- 7:15 am Registration/Breakfast/Vendor Area Opens
- 8:30 am C1: Winter's Wrath 2009/2010 - Lessons Learned and Next Steps for Effective Winter Storm Management  
C2: Communications - New Approaches to Challenges  
C3: Tools for Emergency Medical Service  
C4: Wildlife Detection - New Research and Mitigation Efforts  
C5: NTI Course continues
- 10:00 am BREAK
- 10:20 am D1: Incident Management Tools  
D2: Technology Deployment - Resources and Results  
D3: TOUR: Cabell County 911 Center and CSX Locomotive Shop  
D4: ITS on Public Lands - A Panel Discussion  
D5: NTI Course continues
- 11:50 am LUNCH
- 1:00 pm E1: Incident Management Workshop (Part 1)  
E3: TSAG Case Studies Workshop (Part 1)  
E4: ITS Use in the Inland Waterways  
E5: TOUR: Tri-State Transit Authority
- 2:30 pm BREAK
- 2:50 pm F1: Incident Management Workshop (Part 2)  
F2: 511-Next Generation Systems and Lessons Learned  
F3: TSAG Case Studies Workshop (Part 2 - concludes at 4:00 pm)  
F4: Enterprise Panel Discussion  
F5: NTD Training
- 4:30 pm Adjourn
- 6:00 pm Mix and Mingle - BBQ Night at Heritage Village

**Wednesday, August 4th**
- 7:15 am Breakfast
- 8:30 am G1: Impact of Privacy on Transportation Technology - a Panel Discussion  
G2: Real-Time and Expanded Traveler Information Systems  
G3: Technology Applications for Commercial Vehicle Operations  
G4: Human Services Transportation Workshop
- 10:00 am BREAK
- 10:20 am H1: Rural ITS Deployments - a State DOT Perspective  
H2: Improving Roadway Operations  
H3: CVO - Agency Efforts  
H4: HST Workshop continues
- 11:50 am LUNCH
- 12:45 pm Ice Cream Social
- 1:30 pm Rural SIG Meeting
- 2:30 pm Adjourn
**Assistance** - If you have questions, or need assistance during the conference, please look for conference staff wearing nametags with blue ribbons. They will be happy to assist you.

**Registration Desk** - The registration desk will be open all 4 days of the conference (see following pages for times). If you have questions regarding sessions or activity meeting times/places, please feel free to stop and ask for assistance. You can also phone us (toll-free) at 1-866-633-8110.

**Nametags** - Nametags allow attendees and guests entrance to all applicable conference sessions, meals and activities. Please have your nametag with you at all times.

**Door Prizes** - Thanks to our vendors and sponsors, we have assembled a wide variety of door prizes. These prizes will be handed out during meals throughout the conference. Prizes include: memory sticks/thumb drives, laptop bags, shirts, backpacks, gift certificates, pocket knives and more (prizes are on display next to the registration desk)! How do you become eligible? Collect only 20 vendor stamps/signatures as shown on the vendor map found in your registration packet, fill out your name and return to the registration desk! It couldn’t be easier!

**Activities** - If you wish to attend an activity, but did not sign up previously on your registration form, please speak to the staff at the registration desk. A limited number of seats are still available for some activities. However, attendance will be granted on a first-come, first-served basis.

**Proceedings** - Presentations from the conference will be made available on the conference website - [http://www.nritsconference.org](http://www.nritsconference.org). It is anticipated that proceedings will be available by August 13, 2010.
SUNDAY, AUGUST 1, 2010

8:00 am
ENTERPRISE MEETING, Huntington Room

12:30 - 8:00 pm
REGISTRATION
Pullman Plaza Hotel Conference Center Lobby (2nd floor)

The Registration Desk will open at 12:30 pm and remain open until 8:00 pm. Attendees are invited to stop by and pick up their registration packets prior to attending either the NTI Course or the Heritage Farms Reception.

1:00 - 5:00 pm
NTI COURSE - Implementing Rural Transit Technology
Little Big Green Room

Rural transit providers are interested in exploring how technology can help increase operating efficiencies and improve safety. Technology can transform scheduling and dispatching operations, provide new levels of customer service, and support innovative business practices. However, the process for planning and implementing appropriate technology-based applications can be challenging. This course presents a structured approach for planning, implementing, and evaluating rural transit projects to help ensure that agency needs and expectations are met. Course continues Monday, August 2nd from 10:00 am to 5:00 pm.

4:00 - 8:00 pm
VENDOR SETUP, Grande Ballroom & Lobby Area

Vendors are asked to setup their exhibits in the Grande Ballroom and Lobby area during this time. Staff will be on hand to help you locate your exhibit space and answer any questions you might have.

4:00 - 8:00 pm
POSTER SESSION SETUP, Grande Ballroom

Poster authors can setup their posters in the Grande Ballroom at this time or on Monday, August 2nd between 7:00 and 8:30 am. Staff will be on hand to help you locate your poster space and answer any questions you might have.

5:00 - 8:00 pm
Heritage Farms Opening Reception (family friendly fun!)
Please meet in the bus loading area at the front of the Pullman Plaza (you must have your name tag in order to board the buses). Shuttles will depart to Heritage Farms at 5:00, 5:15, 5:30 and 5:45 pm. Return shuttles will begin at 7:20 pm and will leave every 20 minutes until 8:00 pm.

Escape to a simpler time at the Heritage Farms Museum and Village for a fun-filled, educational, and relaxing Opening Reception. Journey through history and interact with life as it was in Appalachia during the mid 1800’s through the early 1900’s. Tour the Progress Building, the Transportation Building, and the Country Store while viewing thousands of artifacts inside the museums, from hands on inter-actual exhibits to educational displays. Wagon rides will run from 6:00 - 7:00 pm, and a bounce house will keep even the youngest at heart entertained. Enjoy hors d’oeuvres from 5:30-6:30 pm while socializing with other conference attendees as we begin another great National Rural ITS Conference! No alcohol is allowed on their property grounds on Sundays. Transportation will be provided from the Pullman Plaza Hotel (see above for times).
MONDAY, AUGUST 2, 2010

7:00 am
REGISTRATION, Conference Center Lobby (2nd floor)

The Registration Desk will open at 7:00 am. Attendees should pickup their registration packets (if they have not already done so) prior to attending breakfast.

7:15 am
BREAKFAST, Grande Ballroom

This breakfast sponsored by RGA, Inc.

A full breakfast buffet will be served each day.

7:15 am
VENDOR AREA OPENS, Grande Ballroom

Please note the following Vendor Show hours:
- Monday, August 2nd, 7:15 am - 5:00 pm
- Tuesday, August 3rd, 7:15 am - 5:00 pm

8:30 am
OPENING SESSION, Grande Theatre

Welcome
- Bob Plymale, Director, Nick J. Rahall II Appalachian Transportation Institute

Keynotes
- Congressman Nick J Rahall II, US House of Representatives
- Senator Jay Rockefeller, US Senate (5 minute video message)
- Peter Appel, Administrator, Research and Innovative Technology Administration, USDOT

National leaders will discuss what lies ahead in transportation legislation. How will innovation be encouraged and what role will intelligent transportation systems (ITS) play?

2010 Best of Rural ITS Awards
Presented by Steve Albert, Director, Western Transportation Institute and Rural SIG Chair

10:00 am
ITS INFORMATION ASSEMBLY, Grande Ballroom

Welcome to the ITS Information Assembly! In addition to the many exhibitors that will be onsite sharing the latest breakthroughs in technology, a Poster Session will be available. As an attendee, you can peruse the exhibits and then take advantage of the Poster Session to visit one-on-one with the authors/presenters. The ITS Information Assembly continues until lunch to allow ample time for individuals to interact and network.

Posters to be presented during Assembly:
- Ahmed Al-Kaisy, Western Transportation Institute
  Exploring Work Zone ITS Technologies on Federal Lands
- Jeffrey Brummond, Iteris, Inc.
  Painting the National ITS Architecture Green
- Tom Coogan, Route Match Software
  Mobility Management: A Best Practice Approach to Plan and Implement a Mobility Management Center
- Bill Hensel, Boschung America
  Fixed Automated Anti-Icing Systems for Rural Applications
- Rob Hranac, Berkley Transportation Systems
  Rural Traffic Management Center (TMC) Activity Performance Measures
- David Ludwig, DTS Integrated Technology Solutions
  Rural Interstate LED Lane Delineation for Low Visibility Conditions
- Dan Middleton, Texas Transportation Institute
  The Use of ITS in Rural Work Zones
- Rhonda Young, University of Wyoming
  Rural Variable Speed Limit System Effectiveness at Reducing Speeds and Speed Variability

10:30 am - 5:00 pm
NTI COURSE, Little Big Green Room

The NTI Course continues from Sunday. It will run concurrently with portions of the ITS Information Assembly.

12:00 pm
LUNCH, Grande Ballroom

This lunch sponsored by ITS Canada

Luncheon Presenters:
Stephen Kopp, President, Marshall University

Student Paper Awards
- Presented by Linda Dodge, ITS Joint Program Office, USDOT
1:00 pm
CONCURRENT SESSIONS/WORKSHOPS

Session A1: Evolution and Deployment of MDSS
Cam Henderson Room
Moderator: Ray Murphy, Federal Highway Administration
Dave Huft, South Dakota Department of Transportation
Evaluation and Deployment of an Effective Maintenance Decision Support System
Michael Howarth, Intelligent Devices
MDSS and Mobile Data Collection as an Integrated ITS Technology
Ben Hershey, Meridian Environmental Technology
The First Operational Statewide Deployment of the Pooled-Fund Study Maintenance Decision Support System (PFS-MDSS)
Over the past decade, significant emphasis has been placed on developing methods for providing decision support to maintenance personnel thereby promoting more effective and efficient responses to winter weather. This session will provide an overview of Maintenance Decision Support Systems with particular emphasis on costs/benefits and logistical challenges of rapid deployment. Examples from recent deployment in Indiana will be given.

Session A2: Leadership Roundtable - How Does ITS Compete with Traditional Rural Transportation Projects?
Kentucky Room
Moderator: Steve Albert, Western Transportation Institute
Panelists:
• Jeff Lindley, Federal Highway Administration
• John Drake, Democratic Professional Staff, Senate Committee on Commerce, Science and Transportation
• to be announced
Passed in February 2009, the American Recovery and Reinvestment Act of 2009 had three immediate goals: (1) create new jobs and save existing ones; (2) spur economic activity and invest in long-term growth; and (3) foster unprecedented levels of accountability and transparency in government spending. To date, ARRA has appeared to have little or no impact on the ITS arena. This roundtable will discuss why this may be, financial incentives that might encourage ITS investment in the future and how ITS can compete within the broader transportation community, with particular focus on the role ITS needs to play in the upcoming Transportation Authorization.

Session A3: Planning for ITS Safety Deployments
Grande Theatre
Moderator: Bob Koeberlein, Idaho Transportation Department
David Plazak, Transportation Research Board/SHRP 2 Program
SHRP 2 Reliability Focus Area: Overview and Status
Jon Jackels, Minnesota Department of Transportation
Identification of Locations for Rural ITS Safety Solutions
Thomas Sohrweide, SEH, Inc.
Rural ITS Safety Solution Systems
This session will discuss different perspectives and approaches to planning for rural safety deployments. Beginning with an overview of the Strategic Highway Research Program 2 Reliability Focus Areas, presenters will also describe research related to Minnesota’s Intersection Safety Analysis Update, Stop Sign Warning System and Curve Warning System. Both warning systems are intended for use with relatively low volume (rural) traffic conditions. In addition, the Driver Behavior Evaluation System, which is used to collect traffic volume and speed profile data, will also be described.

Session A4: Advanced Operational Concepts Workshop Part 1, Huntington Room
Instructors:
• Cheryl Lowrance, Noblis
• Jocelyn Bauer, SAIC
• Jim Hunt, Federal Highway Administration
This half-day workshop will address advanced operational concepts at the planning and project level. It will include discussions on regional or corridor integration, setting performance objectives and strategies. It will also give examples from the US and elsewhere on some of these advanced strategies.

Participants will be able to:
• Understand and gain ability to explain to stakeholders what an objectives-driven, performance-based approach is and how it is applied to advance operations.
• Understand, explain and promote operations strategies and concepts to staff at State DOT and local agencies.
• Understand and explain to stakeholders what maintenance and operations (M&O) strategies can be utilized to advance operations in rural areas.

TRANSIT TRACK
NTI COURSE (continues)
Little Big Green Room
MONDAY, AUGUST 2, 2010

2:30 pm
BREAK, Grande Ballroom & Lobby
This break sponsored by Sensys Networks, Inc.

2:50 pm
CONCURRENT SESSIONS/WORKSHOPS

Session B1: Clarus - Advanced Tools for Road Weather Management Program
Cam Henderson Room
Moderator: Jeff Brummond, Iteris
Ray Murphy, Federal Highway Administration
Latest Results from FHWA’s Road Weather Management Program
Brenda Boyce, Mixon Hill, Inc.
Clarus-Enabled Decision Support Systems
Jeremy Duensing, Telvent
Adding Significant Accuracy to Weather Forecasts - Beyond What Models Alone Can Achieve

Established in 2004, the Clarus Initiative is a multi-year program sponsored by FHWA’s Road Weather Management Team and RITA’s Joint Program Office. Its primary intent? To organize and make available more effective environmental and road condition observation capabilities. This session will provide an overview. Recent developments in weather modeling, non-winter maintenance decision support systems and multi-state control strategy tools will also be discussed.

Session B2: Multi-Agency Coordination
Kentucky Room
Moderator: Jim Larsen, Ada County Highway District
Eric Gibbons, High Sierra Electronics
RWIS Implementation thru Multi-Agency Coordination
Jeff Dale, Kimley Horn & Associates
I-80 Coalition
Bill Legg, Washington State Department of Transportation
North/West Passage Corridor-Wide Traveler Information Website

This session will provide real-world examples of multi-agency cooperation across multiple projects and jurisdictions. The I-80 Coalition and North/West Passage Corridor will specifically be highlighted in addition to other projects.

Session B3: Rural Safety Innovation Program - An Overview and Status Update, Grande Theatre
Moderator: Linda Dodge, ITS Joint Program Office, USDOT
Panelists:
- Ted Smith, Noblis
- Steve Albert, Western Transportation Institute
- Tim Ramirez, Prairie Band Potawatomi Nation
- Ben Pierce, Batelle

Rural roads carry approximately 40 percent of the vehicle-miles traveled in the United States, yet annually account for nearly 55 percent of the fatalities. To address the challenges of rural safety, the U.S. Department of Transportation (USDOT) began the Rural Safety Initiative in February 2008. The focus of the Rural Safety Initiative is to highlight available options to help reduce fatalities and injuries on rural roads.

This session will provide an overview and status update of one element of the program - the Rural Safety Innovation Program (RSIP). The goal of the RSIP is to improve rural road safety by assisting rural communities in addressing highway safety problems and provide rural communities the opportunity to compete for project funding to address these problems.

Session B4: Advanced Operational Concepts Workshop Part 2, Huntington Room
This half-day workshop continues.

TRANSIT TRACK
NTI COURSE (continues)
Little Big Green Room

4:30 pm
Adjourn

6:30 pm
Belle of Cincinnati Riverboat Cruise and Dinner
Sponsored by Open Roads Consulting, Inc.

Attendees and guests who registered for this activity will enjoy an evening on the Ohio River in the flagship of BB Riverboats, the Belle of Cincinnati. We will cruise the river surrounded by lavish Victorian décor and dine in ultimate comfort and luxury on a private deck. Visit the upper deck for open-air, perfect for watching the scenery roll by or taking a moonlit stroll. Only a short 1/10 mile walk from the Pullman Plaza, boarding will begin at 6:30 pm at Huntington-Harris Park and we will set sail at 7:30 pm. A cash bar will be available for soft drinks, mixed drinks, beer and wine. The boat will dock back at Huntington-Harris Park at 9:30 pm.
TUESDAY, AUGUST 3, 2010

7:00 am  
REGISTRATION, Conference Center Lobby (2nd floor)
The Registration Desk will open at 7:00 am. Attendees should pickup their registration packets (if they have not already done so) prior to attending breakfast.

7:15 am  
BREAKFAST, Grande Ballroom
This breakfast sponsored by RGA, Inc.
A full breakfast buffet will be served each day.

7:15 am  
VENDOR AREA OPENS, Grande Ballroom
This is the last full day to visit with vendors!

8:30 am  
CONCURRENT SESSIONS

Session C1: Winter’s Wrath 2009/2010 - Lessons Learned and Next Steps for Effective Winter Storm Management  
Grande Theatre
Moderator: Tom Smith, FHWA - West Virginia
Panelists:
- Paul Mattox, West Virginia Secretary of Transportation
- Greg Barr, West Virginia Parkways
- Charles Goodhart, Pennsylvania Department of Transportation
- Bruce Kenney, West Virginia Division of Highways
- Paul Jodoin, FHWA

The Winter Storm which traversed the country and impacted the East Coast on the Weekend of December 19 impacted operations in a number of states. Several agencies assessed and responded to conditions during and after the event. Their emphasis was on how their road weather management and incident management strategies responded to the conditions, and identified opportunities to “up their game.” A panel discussion will provide an opportunity for peers to share lessons learned and discuss initiatives and strategies that are being implemented and enhanced today. The focus of the session will be to raise awareness, share lessons learned and provide opportunities for agencies to continuously “raise their game” and prepare for their next rural weather incident.

Session C2: Communications - New Approaches to Challenges, Little Big Green Room
Moderator: Jeff Brummond, Iteris
Bill Legg, Washington State Department of Transportation
Wireless Communications for Rural ITS
Doug Galarus, Western Transportation Institute
Automated Safety Warning Controller (AWSC) Phase I - Proof of Concept
To be announced

This session will examine how different organizations are solving communication problems in rural areas by utilizing existing infrastructure to transmit data, or turning to unlicensed radio frequencies and new signal processing capabilities to transport voice, data and video at a fraction of the cost of fiber or copper based solutions. In addition, this session will describe the development of an Automated Safety Warning Controller - a system that frequently and automatically monitors field element data and determines if a warning should be activated.

Session C3: Tools for Emergency Medical Service  
Huntington Room
Moderator: Jerry Kyle, West Virginia Office of Emergency Medical Services
Brian Scott, SRF Consulting Group
Transportation Factors in Reducing Crash to Care Time
Kristen Martin, Castle Rock Associates
CARS-Mayday Automated Crash Reporting
Patrick Donovan, West Virginia Department of Transportation
The Port of Huntington Emergency Response Management System

Many ITS tools can be applied to EMS situations to improve patient outcomes. This session will touch on many of these - from automated crash reporting to identification of factors that reduce response time in rural areas. Also included will be a discussion of the Port of Huntington’s Emergency Response Management System. This will be a unique opportunity to hear how EMS is applied in a maritime situation!
TUESDAY, AUGUST 3, 2010

8:30 am
CONCURRENT SESSIONS

Session C4: Wildlife Detection - New Research and Mitigation Efforts, Cam Henderson Room
Moderator: Chandra Inglis-Smith, Rahall Transportation Institute
Marcel Huijser, Western Transportation Institute
A Quantitative Assessment of the Reliability of Two New Animal Detection Systems and Recommended Requirements for System Reliability
Rhonda Young, University of Wyoming
Trappers Point Wildlife Detection System: Technological and Institutional Challenges
Jeff Gagnon, Arizona Game & Fish Department
Evaluation of a Wildlife Fencing and Animal Activated Crosswalk in Arizona

Animal-vehicle collisions affect human safety, property and wildlife. This session will highlight the latest research and the established technologies used to mitigate crashes.

TRANSIT TRACK
Session T1: How Small Communities are Implementing Transit, Kentucky Room
Moderator: Dean Deeter, Athey Creek Consultants
Jarrod Clark, Trapeze Group
Rural Transit and Paratransit Coordination
Lisa Ballard, Current Transportation Solutions
Linx: A Grassroots Transportation Coordination Effort Across the Greater Yellowstone
Richard Carpenter, KalTran
Kalispel Tribe - Introducing Public Transit to Under Served Areas

Rural communities are often separated from urban-based services by vast open areas. Meeting transit needs in these small communities is made even more difficult by budget restraints and multiple-jurisdictions. This session will discuss three projects that are addressing these concerns. These projects cover multiple counties and communities and include a wide variety of perspectives from public and private transit providers to Native American tribes.

10:00 am
BREAK, Grande Ballroom & Lobby
This break sponsored by Sensys Networks, Inc.

10:20 am
CONCURRENT SESSIONS/TOURS

Session D1: Incident Management Tools, Grande Theatre
Moderator: Jim Larsen, Ada County Highway District
Brett Steinocker, Daktronics
Maximizing Your Dynamic Message Sign: Text, Color and Graphics
Kevin Cox, Wyoming Department of Transportation
Rural Interstate 80 Variable Speed Limit in Wyoming
Matthew Volz, SRF Consulting Group, Inc.
Alternate Routing for Traffic Incidents: Smarter, Quicker, Cheaper!

This session will provide tools and strategies that departments of transportation can utilize to manage or reduce incidents. Specifically, attendees will learn about maximizing the potential of dynamic message signs, utilizing variable speed limits, and providing for alternate routing following incidents.

Session D2: Technology Deployment - Resources and Results, Little Big Green Room
Moderator: Juan Barrios, Rahall Transportation Institute
Cheryl Lowrance, Noblis
Using ITS Knowledge Resources: Benefits, Costs and Lessons Learned for Rural ITS Implementation
Joseph Staszuk, Western Transportation Institute
Deploying Portable Advanced Traveler Information Systems
Jon Jackels, Minnesota Department of Transportation
Cooperative Intersection Collision Avoidance System: Stop Sign Assist Field Operational Test

State, regional, and local agencies continue to look for resources to support decisions to invest in and deploy ITS technologies. This session will include a demonstration of how to use US-DOT’s ITS Knowledge Databases as well as provide evaluation results from two test projects - a Cooperative Intersection Collision Avoidance System (Minnesota) and a Portable Advanced Traveler Information System (California).
TOUR:  Cabell County 911 Center & CSX Locomotive Shop
Please meet in front of the registration desk for loading into vans for the tour. You must have signed up in advance to be guaranteed a seat. [NOTE: As a reminder, attendees must be wearing close toed shoes and no heels. Casual dress is recommended.]

The tour will showcase how Cabell County 911 is utilizing GIS for locating incidents and routing emergency personnel. In addition, it will highlight current initiatives with the WV DOT Fusion Center to share data and outline future projects with them.

Tour attendees will also visit the Huntington Heavy Locomotive Repair Shop located only a few blocks away. While there, you will see 11 acres under roof. They have a wheel and axle shop, alternator and traction motor repair, diesel engine rebuild, cab upgrade, heavy gear train rebuild, complete paint facility and are in the process of rebuilding 10 locomotives from the ground up. With any luck, attendees may even get to see a locomotive fly!

Session D4:  ITS on Public Lands - A Panel Discussion
Cam Henderson Room
Moderator: Fred Burchett, Kimley-Horn & Associates

Panelists:
Chris Jaeschke, Eastern Federal Lands
Overview of USFWS ITS Demonstration Project

Nathaniel Price
ITS on the Oregon Coast

Kevin Smith, Kimley-Horn & Associates
Chincoteague NWR ITS Implementation

Tim Ramirez, Prairie Band Potawatomi Nation
ITS on Tribal Lands

David Jackson, Volpe National Transportation Center
ITS in National Parks

What’s the difference between a traveler information system and a visitor information system? Should a 511 system tell you when a National Park or Wildlife Refuge is open or closed? Or when the parking lot is full? Or when elk are migrating? Can ITS help you count how many bicycles and pedestrians are using a facility? This session will discuss planning for the deployment of sustainable ITS technologies on National Wildlife Refuges.

TRANSIT TRACK
Session T2: Implementing and Managing Rural Transit
Information, Kentucky Room
Moderator: Fred Kitchener, McFarland Management, LLC

Ben Frevert, Iteris, Inc.
Simplifying Transit Information for Rural Agencies

Yehuda Gross, ITS Joint Program Office, USDOT
Quantitative System Impacts of Using ITS for Coordinated Community Transportation Services in Rural Areas

David Bruffy, Mountain Line Transit Authority
Using Social Media Communications in Transit

This session will present different systems developed to assist rural communities with implementing and managing transit information. Lessons learned from the Mobility Services for All Americans (MSAA)/Federal Interagency United We Ride (UWR) Travel Management Coordination Centers (TMCC), West Virginia’s Mountain Line Transit Authority will be highlighted as well as a report on how the State of Idaho is simplifying how its rural transit agencies collect service information.

11:50 am
LUNCH, Grande Ballroom
This lunch sponsored by Marshall University

Luncheon Keynote
- Secretary Paul Mattox, West Virginia Department of Transportation
This workshop will concentrate on rural TIM and ETO programs. The workshop will be a highly interactive seminar featuring case study discussion. Specific topics that will be covered include:

- TIM Fundamentals (including the National Unified Goal for TIM and associated strategies)
- Emergency Traffic Control and Scene Management
- TIM Training (including considerations for training volunteer responders)
- Resource Management
- Technology Tools
- Communication Interoperability
- Work Zone Safety and Mobility
- ETO Program versus Plan Defined
- ETO Program Fundamentals
- Basing an ETO Program on your agency
- ETO Training
- After-Action Reviews and Organizational Improvement

Grande Theatre
Moderator: Dean Deeter, Athey Creek Consultants

Julie Theisen, Meridian Environmental Technology, Inc.
Enhanced Road Weather Content for ATIS Resulting from the Clarus Initiative

Lee Jensen, RealTimeSites
NM Roads.com a Configure Off the Shelf ATIS System

Kristen Martin, Castle Rock Associates
Social Networking Media Developments in the CARS Group

As early as 1998, the road weather industry was researching methodologies designed to enhance the ability to determine current and future travel conditions to increase motorists’ safety and mobility. Today, new tools such as multi-state web portals, off-the-shelf software solutions and social media are allowing states to provide an even greater level of service to the traveling public while improving safety and reducing cost. This will be a dynamic session with solutions being discussed in detail!
AGENDA

Session E3: TSAG Case Studies Workshop Part 1

Huntington Room
Moderator: Manny Puentes

- Jim Reed, Central Texas Council of Governments

On November 5, 2009, a gunman opened fire at the Soldier Readiness Center at Fort Hood, Texas. Thirteen people were killed and 43 others were wounded or injured. Initial emergency alerts of the incident were communicated via calls to one of the Central Texas Regional Consolidated Public Safety Answering Points (PSAP), and subsequently were transferred to Fort Hood’s 9-1-1 Call Center. Two minutes and forty seconds after the initial 911 call, first responders from Fort Hood arrived at the scene. Soon after, EMS assets from the surrounding entities arrived to support Fort Hood responders. One-and-a-half minutes later, the assailant was incapacitated and emergency treatment and evacuation was initiated.

The initial response to the incident was prompt and efficient. Two ambulances and an incident command vehicle from the Fort Hood Post Hospital arrived on the scene within two minutes and fifty seconds. Ultimately, ambulances and EMS personnel from throughout the region responded, treated and evacuated the wounded and injured.

The above narrative illustrates how efficiently the initial response to this event was handled. The incident however, raised important questions about the degree to which the Department of Defense is prepared for similar incidents in the future, especially multiple, simultaneous incidents. It also brought into sharp focus the need to review the connections, both in relationships and technology, between the defense community and the civilian first responder community called to support in military protection incidents.

Case Studies Workshop presenters will walk the audience through details of the incident with a focus on how the integration between the military and civilian responders and between responder disciplines worked. The Workshop will focus on emergency response and management protocols, strategies and technologies, including communications between and among Police, Emergency Medical Services, and Public Safety Dispatch Personnel. Finally, presenters will discuss successes, failures and lessons learned and will highlight emergency response activities of local and regional emergency responders and will review operations strategies and technologies at the time of and in response to the incident.

Session E4: ITS Use in the Inland Waterways

Cam Henderson Room
Moderator: Dick Ash, US Army Corps of Engineers

Jim McCarville, Port of Pittsburgh Commission
Creating a Waterway ITS

Mark Stevens, Ingram Barge Company
Digital Technology’s Impact on Safety and Efficiency

Douglas McDonald, US Army Corps of Engineers
Standardization: The Key to Unlocking the Door to Collaboration

This session will address the challenges and opportunities related to creating an ITS system for inland waterway transportation. It will describe the basics of inland waterway transportation, technology gaps, use of GPS as a stable and reliable platform for building technological systems, etc.

TRANSIT TRACK

TOUR: Tri-State Transit Authority

Please meet in front of the registration desk for loading into the bus for the tour. You must have signed up in advance to be guaranteed a seat.

The tour will visit Tri-State Transit Authority’s headquarters. TTA will provide a bus to pick up tour participants in front of the Pullman Plaza Hotel. Participants will learn about the operations of the transit agency and receive an overview of the technology solutions the agency uses such as security cameras, electronic fareboxes, GPS and scheduling/dispatch software. Participants will then be taken back to the Convention Center. Seating is limited and individuals are encouraged to sign up early. TTA provides bus and paratransit service for Huntington, West Virginia as well as connecting service to Ironton, Ohio and Ashland, Kentucky.

2:30 pm

BREAK, Grande Ballroom & Lobby

This break sponsored by Daktronics
TUESDAY, AUGUST 3, 2010

2:50 pm
CONCURRENT SESSIONS/WORKSHOPS

Session F1: Incident Management Workshop Part 2
*Little Big Green Room*
This half-day workshop continues.

Session F2: 511 - Next Generation Systems and Lessons Learned, *Grande Theatre*
Moderator: Ben Frevert, Iteris
Julie Theisen, Meridian Environmental Technology, Inc.
*Development of the Nation’s First Self-Sustaining Statewide 511 Advanced Traveler Information System*
Jeff Adler, Open Roads Consulting, Inc.
*Leveraging State Maintained Geodatabase for 511 and Traveler Information Systems*
Sinclair Stolle, Iowa Department of Transportation
*Weathering through Winter Weather Using 511 - an Iowa Winter Perspective*
Georgia, Alaska and Iowa - what do these states have in common? They are leveraging existing 511 systems to create improved, cost-effective service to the traveling public. This session will highlight Georgia’s Self-Sustaining Statewide 511 system, as well as Alaska’s leveraging of GIS database to support 511 Web, IVR, etc. Iowa DOT will also expound upon the lessons learned from this past season’s winter storms. An intriguing session!

Session F3: TSAG Case Studies Workshop Part 2
*Huntington Room*
This half-day workshop continues. Adjourns at 4:00 pm.

Session F4: Enterprise Panel
*Cam Henderson Room*
Moderator: Bill Legg, Washington State Department of Transportation

Panelists:
- Scott Nodes, Arizona Department of Transportation
- Bob Koeberlein, Idaho Transportation Department
- Lee Nederveld, Michigan Department of Transportation
- Jon Jackels, Minnesota Department of Transportation
- Gene Martin, Virginia Department of Transportation
- Dean Deeter, Athey Creek Consultants

The ENTERPRISE program is an international consortium focused on advancing the understanding and deployment of ITS. The program includes members from state DOTs, FHWA, Canadian provinces, Transport Canada, and Rijkswaterstaat. The panel discussion will provide a brief overview of the program and an opportunity to engage in discussion with many of the program’s Board members about their ITS activities and the impact the ENTERPRISE program has contributed to their efforts.

TRANSIT TRACK
2010 National Rural Transit Database (NTD) TRAINING
*Kentucky Room*
Instructor: Lauren Tuzikow, Federal Transit Authority
SAFETEA-LU added a requirement for recipients of Federal Transit Administration (FTA) Rural Formula Grants (Section 5311 Grants) to report to the NTD. With the 2009 updates in place, State Departments of Transportation are responsible for reporting to the NTD on behalf of their subrecipients. Also reporting directly to the NTD are the Indian Tribes and Tribal Transit Program. A representative from FTA will provide an overview of the NTD reporting process, followed by a line-by-line discussion of the reporting requirements. This session will also cover common data trouble spots and issues to aid in the submission of the Rural NTD reports.

4:30 pm
Adjourn
6:00 pm

INDIVIDUAL ACTIVITY NIGHT

Scheduled Activity - BBQ Night at Heritage Village,
This activity sponsored by M.H. Corbin, Inc.
Heritage Village is a short 1/4 mile walk from the Pullman Plaza Hotel please meet there at 6:00 pm. You will need to provide your activity/drink tickets (found in your registration packets) to eat.

What could be more relaxing than a barbecue and a band? Come mingle and relax at Heritage Village where we will eat delicious BBQ and listen to Huntington’s own 40 lb. Snapper. Hand rubbed and slow-cooked in their special hickory smoker for up to 14 hours, Buddy’s pulled chicken and pulled pork will be served with barbecue sauce, buns, potato salad, coleslaw, baked beans, and cookies. Includes up to two (alcoholic) drinks for adults.

Non-Scheduled Activities
Attendees and their families/guests can take advantage of a number of fun activities in and around the Pullman Plaza this afternoon and evening.

• Blenko Glass Company
  Observe artisans creating unique handmade glassware that is famous throughout the world. Observation area open to view glassmaking M-F 8a - 3:15p, tours available upon request, admission is free. Visitors Center hours: M-F 8a-5p.

• Camden Park
  Entertaining the region since 1903, West Virginia’s amusement park has over 30 rides and attractions including the Log Flume water ride, a kiddie land, our historic Carousel, Big dipper Roller Coaster and Haunted House. Camden Park has games, an arcade, restaurant, lake with paddleboats, gift shops, and concession stands.

• Charlie’s Harley Davidson
  More than a dealership - it’s an experience! Come in and see for yourself. Visit our motorcycle museum with bikes dating from 1909. Enjoy a super-sized sandwich or salad in our 50’s style diner. Hours M-Th, 10a-6p.

• Heritage Farm Museum & Village
  In case you missed the Conference’s Opening Reception, visit the Heritage Farm Museum and Village. Experience life as it was in an Appalachian pioneer community and learn about the major inventions that served to create the quality of life we now enjoy. Travel through history among the 17 restored buildings of the community which include a general store, log church, one-room school, blacksmith shop and log homes. Other buildings house collections and displays from 1850-1925, transportation from a Conestoga wagon to early autos, including a stage coach, 1908 electric truck, 1910 Sears automobile and a number of model T Fords and much more. There is a farm zoo and craft/gift shop. Open 10a-3p M-Sa.

• Huntington Museum of Art

• Huntington’s East End Bridge
  Opened to traffic in August of 1985 after more than 20 years of planning and designing and nearly 10 years of construction efforts. It was built utilizing a distinctive asymmetrical cable-stayed girder design. The bridge spans the Ohio River. It is only the third of its kind in the United States.

• Huntington’s Kitchen - Jamie Oliver’s Food Revolution
  Visit the kitchen made famous on the ABC hit television show starring Chef Jamie Oliver. Huntington’s Kitchen is somewhere visitors and the local community can go to learn about food and find out how to cook. It’s the first in America!

• Ritter Park Playground
  For unexpected treats and adventure, tots (of all ages) enjoy this preschool and toddlers playground proclaimed by Child magazine as one of the 10 best playgrounds in America. This singular design has received a number of awards and has been featured in Architecture and Landscape Architecture magazines. Ritter Park is near 12th Street.
AGENDA

WEDNESDAY, AUGUST 4, 2010

7:00 am
REGISTRATION, Conference Center Lobby (2nd floor)

The Registration Desk will open at 7:00 am. Attendees should pickup their registration packets (if they have not already done so) prior to attending breakfast.

7:15 am
BREAKFAST, Grande Ballroom
This breakfast sponsored by West Virginia Trucking Association.

8:30 am
CONCURRENT SESSIONS/WORKSHOPS

Session G1: Impact of Privacy on Transportation Technology - A Panel Discussion, Little Big Green Room
Moderator: Ray Pethtel, Transportation Policy Group
Panelists:
• James W. Phillips, TC Williams School of Law
• Gene Hetherington, Virginia Tech Transportation Institute
• Ray Pethtel, Transportation Policy Group

While not generally considered a “technology” topic, privacy issues as they apply to transportation will only continue to grow as the safety of the motoring public relies increasingly on transportation technologies and their applications. Virtually all current and emerging technologies collect data—vehicular or personal. One question about the collected data is the extent to which they contain or can be used to derive personal information; and, if so, how are the data managed to ensure personal privacy. This session looks at the issue of privacy in transportation from the perspective of state and federal law and equipment manufacturers who are members of the Intelligent Transportation Society of America (ITSA).

The following methods were used: (1) a survey of existing state laws relating to privacy of personal information; (2) an extensive Internet review and collection of significant documents that relate to privacy in transportation applications; and, (3) a survey of the membership of ITSA.

Session G2: Real-Time and Expanded Traveler Information Systems, Grande Theatre
Moderator: Andrew Nichols, Rahall Transportation Institute
Mike Haas, Open Roads Consulting, Inc.
A Statewide Real-Time Information Program
Doug Galarus, Western Transportation Institute
Development of a One Stop Shop for Rural Traveler Information
Rod MacKenzie, ITS America
Leveraging Wireless Technology Developments for Traveler Information

This session will focus on various approaches being taken to improve traveler information sharing and dissemination. The first case study is based in West Virginia where a real-time information program compliant with SAFETEA-LU requirements has been established. [Section 1201 of SAFETEA-LU establishes the Real-Time System Management Information Program. The goals of this program are to improve security of the surface transportation system, address congestion problems, support improved response to weather events and surface transportation incidents, and facilitate national and regional highway traveler information.] The second case study is in California where emphasis has been on creating a web-based platform (One Stop Shop) that provides route-specific, real-time, highway-based traveler information based on an origin-destination specified by the user. The third presentation will provide an overview of private sector developments in wireless, telematics and infotainment which are providing new traveler information options and capabilities.
Session G3: Technology Applications for Commercial Vehicle Operations, Cam Henderson Room
Moderator: Bill Legg, Washington State Department of Transportation

Roy Czinku, International Road Dynamics
Doing More with Your Weigh-in-Motion System

Rob Hranac, Berkley Transportation Systems, Inc.
Integration of Weigh-in-Motion (WIM) Data into an Archived Data User Service

Pete Costello, INRIX
How Crowdsourcing GPS Data is Radically Changing the Traffic Information Landscape

Commercial vehicle operations and freight movement impact many different stakeholders. From maximizing route efficiency to improving enforcement to designing and maintaining better pavements - ITS technologies can and do impact many users. This session will provide attendees with up-to-date information on new and emerging technologies and uses for Weigh-in-Motion data as well as how crowdsourcing GPS data is being used by fleet operators.

NOTE: Session G4 - Rural IntelliDrive: Program Status and Evolution originally slated for this session has been cancelled.

TRANSIT TRACK
Human Services Transportation Workshop
Kentucky Room

Welcome and Workshop Overview
• Susan O’Connell, West Virginia Department of Transportation
• Aletha Goodine, USDOT

USDOT Update: United We Ride (UWR) and Mobility Services for All Americans (MSAA) Initiatives
• Yehuda Gross, USDOT
• Doug Birnie, USDOT

ITS Transit Deployment - Lessons Learned from the Field
Carol Schweiger, TranSystems

This workshop, hosted by the United States Department of Transportation ITS Joint Program Office, invites all conference participants who are interested in coordinating community transportation utilizing ITS. The workshop aims to promote knowledge and information sharing on innovative community transportation practices and the usage of ITS technologies. Please come and join your colleagues to hear the community transportation coordination in action, share the latest news and provide your thoughts on this very important subject. Adjourns at 4:00 pm.

10:00 am
BREAK, Grande Ballroom
WEDNESDAY, AUGUST 4, 2010

10:20 am
Session H1: Rural ITS Deployments from a State DOT Perspective, Grande Theatre
Moderator: Frank Betz, Rahall Transportation Institute
Dean Deeter, Athey Creek Consultants
Minnesota’s Statewide Approach to Systems Engineering for Traffic Management - the Rural Perspective
Brian Scott, SRF Consulting Group, Inc.
Wisconsin Department of Transportation Traffic Operations Infrastructure Plan
Acey Roberts, Mississippi Department of Transportation
The Mississippi DOT ITS Program
For those individuals interested in learning how different states have managed ITS planning and deployment, this session is a must attend. Beginning with a broad overview and evaluation of Mississippi’s statewide ITS program and continuing through a discussion of Wisconsin’s traffic operations infrastructure plan and Minnesota’s statewide approach to systems engineering for traffic management, this session will provide many lessons learned as well as discuss next steps in the continually evolving arena of rural ITS deployment.

Session H2: Improving Roadway Safety Operations
Little Big Green Room
Moderator: Mike Haas, Open Roads Consulting, Inc.
Don Kiel, Gannett Fleming
Improving Integration and Information Analysis for Maine DOT’s Roadway Incident Management and 511 Systems
Darren Boss, Oregon Department of Transportation
TOCS: A Vision for a Single System to Manage Road Operations in Oregon
Rob Hranac, Berkley Transportation Systems
Integrating Non-Traditional ITS Data Sources for Rural Areas
Many transportation departments are seeking to simplify the management of road operations that lie within their jurisdiction. This session will discuss tools and applications for transportation operations centers as well as using GPS probe data to improve roadway operations.

Session H3: CVO - Agency Efforts, Cam Henderson Room
Moderator: Bill Legg, Washington State Department of Transportation
Dave Huft, South Dakota Department of Transportation
North West Passage Regional Permitting
David Jackson, Intelligent Imaging Systems
Mississippi’s Roadside Alphabet: CVISN, WIM, VWS
This session will examine the pros and cons of regional permitting as well as utilizing virtual weigh stations. Cost and access (in remote areas) will be a primary focus. Following the presentations, panel experts will discuss their agency’s efforts and answer audience questions.

TRANSIT TRACK
Human Services Transportation Workshop - continues
Kentucky Room
Lisa Bacot, TMS Management Group
Coordinated Transportation Using a Brokerage System
Bonnie Mahoney, Montachusett Regional Transit Authority
Fitchburg, MA TMCC Phased Implementation
Doug Wager, Portage Area Regional Transportation Authority
Kent, Ohio TMCC Phased Implementation

11:50 am
LUNCH, Grande Ballroom

12:45 pm
Ice Cream Social - Thanks for coming to the Conference!
Sponsored by Bayliss & Ramey, Inc.
After finishing your lunch, take a short walk (150 ft) over to Pullman Square where Cold Stone Creamery will be serving ice cream sundaes made to order. Present your ticket found in your registration packet.
I scream, you scream, we all scream for ICE CREAM! What’s a party without ice cream? Immediately following our Wednesday luncheon, all attendees are encouraged to come celebrate and network with colleagues at our Ice Cream Social. There will be a wide selection of flavors and toppings to choose from.
1:30 pm
CONCURRENT MEETINGS/WORKSHOPS

Rural SIG Meeting, Grande Theatre
2011 Conference Presentation
- Robert Koeberlein, Idaho Transportation Department

2012 Conference Presentation
- Acey Roberts & Marshall Elizer, Mississippi Department of Transportation

Rural ITS items of national significance, and future NRITS conference locations will be discussed. The Rural SIG Meeting will adjourn at 2:30 pm.

TRANSIT TRACK
Human Services Transportation Workshop - continues
Kentucky Room

Zana Renfro, Paducah Area Transit System
Paducah, Kentucky TMCC Model Deployment

Dana Luttrull, Lower Savannah Council of Governments
Aiken, South Carolina TMCC Model Deployment

2:30 pm
BREAK, Lobby Area (near registration desk)

2:45 pm
TRANSIT TRACK
Human Services Transportation Workshop - concludes
Kentucky Room

Kevan Danker, JAUNT
ITS Deployment Experience and Lessons Learned in JAUNT

Coletta Corioso, Area Transportation Authority
ITS Deployment Experience and Lessons Learned in ATA

Yehuda Gross, USDOT
Closing Remarks

4:00 pm
Adjourn

4:30-7:00 pm
TMCC Phased Implementation Mid-Term Workshop
Kentucky Room

A TMCC Phased Implementation Mid-Term Workshop will be held at this time and is open by invitation only. Snacks will be served at 4:15 pm prior to the start of the meeting.
**SPEAKER/MODERATOR BIOS**

**Adler, Jeffrey - PhD, PE**  
Open Roads Consulting  
Presenting in Session F2

Dr. Adler is a Regional Director at Open Roads Consulting. He brings a unique combination of skills and experiences to Open Roads with nearly 20 years of academic and private sector consulting experience in intelligent transportation systems, traveler information systems, and software engineering. For Open Roads, Dr. Adler is engaged in business development, ITS consulting, program management with an emphasis on 511, and traveler information systems. As the company’s Business Development Director for 511 initiatives, Dr. Adler is responsible for capture planning and delivery of 511 projects and oversees the product development of Open CRS - the Open Roads’ Condition Reporting Software. He is currently managing Open Roads projects for the State of Alaska and the Northwest Passage.

Dr. Adler has extensive hands-on experience in leading the design and development of large-scale systems and software engineering projects within a variety of industries including Intelligent Transportation Systems, Environmental Engineering, and Financial Services.

Dr. Adler received his PhD from the University of California, Irvine and a BS from Carnegie Mellon University. He is registered as a Professional Engineer in the states of Virginia and Maryland.

**Albert, Steve**  
Western Transportation Institute, Montana State University  
Moderating in Session A2, Presenting in Session B3

Steve Albert is the Director of the Western Transportation Institute (WTI) at Montana State University in Bozeman, Montana. Steve has been addressing transportation challenges for over 25 years in both the largest metropolitan centers and our nation’s most rural settings. His experience managing the Houston transportation system (HOV, traffic management, ITS) and his pioneering rural research has allowed for a unique perspective of America’s transportation needs. Steve has been involved in addressing rural and urban transportation and Intelligent Transportation Systems (ITS) research and development in over 35 states and has over 100 professional presentations and publications on related activities.

Prior to coming to MSU, Steve worked with PB Farradyne in Washington, DC, Metropolitan Transit Authority of Harris County (METRO) in Houston, and the Texas Transportation Institute, Texas A&M University System in Houston, Texas. Steve serves on a variety of committees and organizations including USDOT ITS Advisory Board; ITS America Rural Special Interest Group, Chair; State Chapters Council, past chair; Rocky Mountain ITS State Chapter, Past President; Council on University Transportation Centers Executive Committee; and TRB Transportation Needs for Federal Lands and National Parks.

**Al-Kaisy, Ahmed - PhD**  
Western Transportation Institute, Montana State University  
Presenting in the Poster Session (ITS Information Assembly)

Dr. Ahmed Al-Kaisy, PE is an associate professor in the Department of Civil Engineering at Montana State University. He is also the Program Manager for the Safety and Operations Focus Area at the Western Transportation Institute and a registered professional engineer in the state of Montana. Dr. Al-Kaisy has many years experience in the areas of transportation engineering, including traffic operations and management, traffic flow theory, traffic safety, signal optimization and control, highway design, and intelligent transportation systems.

Dr. Al-Kaisy has extensive research experience in the fields of traffic flow, control, operations and safety and has several publications in scholarly journals such as the Transportation Research, Transportation Research Records, Journal of Advanced Transportation, and the Journal of Transportation Engineering. He has authored/coauthored around 50 publications of which approximately 30 are fully refereed journal publications. Dr. Al-Kaisy is an active member on many university committees and is affiliated with a number of national and international professional organizations.

**Appel, Peter**  
Research and Innovative Technology Administration (RITA)  
Speaking in the Opening Session

Peter H. Appel was confirmed by the U.S. Senate as Administrator of the Research and Innovative Technology Administration (RITA) on April 29, 2009. Since joining RITA, Appel has worked with Secretary Ray LaHood to advance key U.S. Department of Transportation (USDOT) initiatives by leveraging effective research and cross-modal coordination. These initiatives have included the Distracted Driving Summit, which brought key transportation researchers, advocates, decision makers and other leaders together to address this growing safety issue; the bolstering of USDOT Intelligent Transportation Systems (ITS) Program to best improve safety, efficiency, and environmental sustainability across all modes of surface transportation; and the establishment of the Department’s Safety Council, which brings together all ten modal administrators to advance transportation safety.
Ash, James (Dick)
Huntington District Navigation Planning Center, US Army Corps of Engineers
Moderating in Session E4
Not available at time of printing

Ballard, Lisa - PE
Current Transportation Solutions
Presenting in Session T1
Throughout her 15-year transportation career, Lisa has had the opportunity to work with community members and transportation operators to understand their needs and find ways to offer better, more efficient, and more effective service. Today, based out of Bozeman, Montana, she focuses on community transportation and intelligent transportation systems.

In 2004 Lisa established Current Transportation Solutions. She has been instrumental in the successful 2006 launch of Streamline, the new public transportation system in Bozeman, and was involved with the 2007 start of a new shuttle service in Glacier National Park. Other recent efforts include work in Idaho, the Greater Yellowstone region, Fort Peck Reservation, and Modoc County, California.

Lisa has degrees in civil engineering from University of California, Irvine (M.S.) and Cal Poly San Luis Obispo (B.S.). Prior to establishing her own company, Ms. Ballard worked at the Western Transportation Institute at Montana State University and at National Engineering Technology Corporation in California.

Barr, Greg
West Virginia Parkways Authority
Presenting in the Session C1
Gregory C. Barr became the General Manager of the West Virginia Parkways Authority in June 2003. He was previously the Authority’s Director of Finance.

Greg is a Certified Public Accountant and a graduate of Marshall University. He joined the Authority in 1989. Prior to joining the Authority, Greg was Controller at Call Detroit Diesel Allison, Inc., a heavy industry vehicle distributorship for twelve years and Controller of Central Enterprises Limited for one year.

Greg is married to his wife Terri and is the father of two sons - Scott and Chris. They reside in St. Albans, West Virginia.

Barrios, Juan
Rahall Transportation Institute
Moderating in Session D2
Juan de Dios Barrios is a research associate working in Geospatial Sciences in transportation. He has been involved in the transportation field for the past five years developing new techniques in digital image processing and transportation at the Rahall Transportation Institute (RTI) in Huntington, WV. Mr. Barrios has been involved in transportation and education at the Geobiophysical Program at Marshall University as a part-time instructor at the graduate level, and Instructor at Marshall Community and Technical College.

At RTI, his research included intelligent transportation system, land management and image processing.

His professional experience includes winning the 2004 Special Achievement Award from Environmental Systems Research Institute (ESRI) for Transportation and Economic Development Information System Project; Principal Investigator for Raleigh County GIS Implementation and Co-Principal Investigator of the West Virginia Intelligent Transportation System Evaluation. His international educational experience is at Shanghai University of Finance and Economics, and presentation on 3rd International Education Symposium in Durango, Mexico.

Mr. Barrios has a B.S. in Biochemical Engineering from Tecnologico de Durango, Mexico; M.S. in Physical Sciences and Technology Management from Marshall University. He is working on his dissertation on Land Information Systems and Transportation. He is a registered GIS Professional.

He is married and has two daughters.
**Bacot, Lisa**
TMS Management Group, Inc
Presenting in the Human Services Transportation Workshop

Lisa Bacot is the Director of Business Development for TMS Management Group, Inc., a national brokerage company operating in 9 states. Immediately prior to joining TMS, Lisa served as the Executive Director for the Florida Commission for the Transportation Disadvantaged, a state agency legislatively charged with ensuring transportation disadvantaged services are provided to the citizens of Florida, including the direct oversight of the Florida Medicaid Non-Emergency Transportation Program. Lisa has 17 years experience working with transportation and health care issues, including past employment by the Florida Senate, several private companies and the State of Florida.

Lisa has been appointed to numerous national human service transportation coordination panels, committees and advisory councils. She was elected by her transportation peers in 2006 to serve as the Florida Delegate to the Community Transportation Association of America (“CTAA”) and is a member of the National Resource Center for Human Service Transportation Coordination.

**Bauer, Jocelyn K.**
SAIC
Instructor for the Advanced Operational Concepts Workshop (Sessions A4/B4)

Jocelyn K. Bauer is a senior research analyst at SAIC in McLean, Virginia where her primary focus has been supporting the Federal Highway Administration’s (FHWA) Office of Operations and Office of Planning in their planning for operations program area for almost seven years. Ms. Bauer is currently leading an outreach initiative to advance an objectives-driven, performance-based approach to planning for operations for FHWA. She has served as the lead or supporting author on several FHWA and Federal Transit Administration guidebooks on metropolitan planning for operations such as *Advancing Metropolitan Planning for Operations: An Objectives-Driven, Performance-Based Approach - A Guidebook; The Collaborative Advantage: Realizing the Tangible Benefits of Regional Transportation Operations Collaboration; and Regional Concept for Transportation Operations (RCTO): The Blueprint for Action.*

**Belmore, Kathrine**
HNTB
Instructor for the Workshop on Enhancing Traffic Incident Management in Rural Areas (Sessions E1/F1)

Katie Belmore is a Traffic Operations Engineer for HNTB Corporation. Based in Milwaukee, Wisconsin, she has 5 years of experience and specializes in traffic incident management. Katie works on-site at the WisDOT Statewide Traffic Operations Center (STOC) and serves as the consultant’s Deputy Project Manager for the Wisconsin Statewide Traffic Incident Management Enhancement (TIME) Program.

She provides operations support for the WisDOT STOC control room and is involved in multiple other TIM projects nationwide. Katie is an active member of ITE and currently serves as the President of the ITE Wisconsin Section. She graduated for Vanderbilt University in 2002 with her B.E. in civil engineering and mathematics and again in 2003 with her M.S. in transportation engineering.

**Betz, Frank**
Rahall Transportation Institute
Moderating in Session H1

Not available at time of printing.

**Birnie, Doug**
US Department of Transportation
Presenting in the Human Services Transportation Workshop

Not available at time of printing.

**Boss, Darren**
Oregon Department of Transportation
Presenting in Session H2

Darren has been with the Oregon Department of Transportation for 6 years. He has been working in ITS for 4 of those years. Currently, he is the ITS Technical Lead, responsible for the design, construction, and deployment of all new ITS development projects. For the last 4 years, he has primarily been responsible for the development of the TOCS (Traffic Operations Center System). This system allows operators to respond to traffic incidents, dispatch units, coordinate efforts with the Oregon State Police, and communicate the results to the public.
Boyce, Brenda
Mixon/Hill
Presenting in Session B1

Brenda Boyce is a project manager and senior systems analyst with Mixon/Hill out of Overland Park, Kansas. Brenda is the Principal Investigator for the Clarus System and the Development & Deployment of Clarus-enabled Services projects which are sponsored by the Road Weather Management Program. Brenda received a Bachelor’s Degree in Computer Information Systems and is a certified Project Management Professional through the Project Management Institute.

Bruffy, David
Mountain Line Transit Authority
Presenting in Session T2

David Bruffy attended WVU from 1981-85 earning a BA in Political Science. He then continued his education at WVU from 1985-87 earning his MPA. During graduate school he interned through the WV Region VI Development Office and was assigned to the Morgantown Area Chamber of Commerce.

In 1987, he started with the City of Morgantown as Asst. to Personnel Officer. David stayed with the City for 10 years and served as Assistant Planner, Building Inspections Supervisor, Community and Economic Development Program Manager, ADA Officer, supervised Animal Control, Transit, Sanitation, Municipal Court, and served as Assistant Manager for four years. He performed a variety of duties and functions including overall City Grant responsibility, established the City’s first website and first GIS system, developed Wall Street Project, performed first renovation work on the Met Theatre, served as Project Manager for South University Avenue Park, worked on purchase of the Caperton Trail, initiated development in the Wharf District, oversaw first stage development of Riverfront Park and the renovation of the Old Train Depot.

David started with Mountain Line Transit Authority as General Manager in 1997. He has overseen a complete re-design of the system increasing ridership from 200,000 to 1,000,000 passenger boarding per year, quadrupled the Authority’s funding sources, doubled the Authority’s fleet size and more than tripled the workforce (now more than 60). In July, he moved the Authority to its first permanent facility in Westover.

With Mountain Line Transit Authority, he has established service agreements with West Virginia University, County Senior Center, County Youth Program, non-profit transportation providers, various private housing developments, and is currently working to establish one of the first few public transit interlines with Greyhound.

David is currently a member of American Society of Public Administration, the American Public Transit Association, the WV Public Transit Association (President), the Mon-Morgantown MPO Policy Board and Technical Advisory Committee, the Governor’s (WV) Transportation Coordinating Council, and the WV Delegate to the Community Transportation Association of America. David recently testified before the U.S. House Transportation and Infrastructure Committee on the need for new Transportation Legislation to adequately fund the needs of public transit and other modes such as roads, rivers, trains, etc.

Brummond, Jeff
Iteris, Inc.
Moderating in Sessions B1 and C2, Presenting in the Poster Session (ITS Information Assembly)

Jeff Brummond is the principal systems architect of Iteris’ Transportation Systems Federal and Research Group based in Sterling, VA. He has worked at Iteris for the past 16 years. Jeff leads the Iteris team in the development of RITA’s National ITS Architecture and Standards program as well as leading the technical effort on the new and revised Virginia Regional and Statewide ITS Architectures. He has been involved with the Clarus Initiative since its inception including coauthoring the original Concept of Operations as well as systems engineering the current Meridian Team’s Clarus Multi-State Regional Demonstration. He currently is responsible for the systems engineering for RITA’s IntelliDrive initiative. He was previously involved in defining the system engineering products for the VII POC test bed. In addition, Jeff has taught over 60 courses and workshops involving ITS and systems engineering. Previous to joining Iteris, Jeff worked for a couple of aerospace firms for 10 years. Jeff holds a master’s and bachelor’s degree in electrical engineering.
Burchett, Fred
Kimley-Horn & Associates, Inc.
Moderating in Session D4

Fred Burchett is a Senior Vice President and Principal with the engineering firm of Kimley-Horn and Associates. In his 22 year career with Kimley-Horn, Fred has managed the planning, design and implementation of numerous ITS and parking projects. Prior to joining Kimley-Horn, Fred spent 10 years in the public sector working for agencies such as Texas Department of Transportation, the City of Greensboro and the City of Virginia Beach. Fred has a Bachelor of Science degree from North Carolina State and a Masters of Business Administration from the University of North Carolina at Greensboro. He is a certified Professional Traffic Operations Engineer and a registered Professional Engineer in North Carolina and South Carolina. He is married with two children.

Clark, Jarrod
Trapeze Group
Presenting in Session T1

Jarrod Clark has nearly two decades of experience in the public transport industry and is recognized worldwide for his expertise in the coordination of demand response services.

In his current role as Product Manager, Demand Response Solutions, Jarrod helps to ensure that Trapeze paratransit scheduling and dispatch software solutions – PASS and NOVUS – continue to meet or exceed customer expectations.

Jarrod’s ability to deliver effective market-leading demand response solutions is a reflection of his experience in delivering hundreds of systems across North America, the United Kingdom and Europe. In addition, the several years he spent working directly for a paratransit agency gives him a unique understanding of the challenges demand response transport operators face.

Jarrod is a graduate of Mohawk College in Computer Systems Technology.

Coogan, Tom
RouteMatch Software
Presenting in the Poster Session (ITS Information Assembly)

Tom Coogan serves as Vice President of Business Development and Strategic Planning, he has worked in the transportation management industry for nearly 25 years planning, designing and implementing large complex public, private and human service transportation systems. Over the last 10 years, Mr. Coogan has focused on non-emergency medical transportation and coordination related to Human Service Program funding across the United States. He developed the business-rules methodologies for managing non-emergency transportation and served as project manager in the development and integration of technologies and business process for national call center applications and their subsequent nationwide deployment as well as large urban, rural transit systems, Medicaid and private integrated transportation programs. He currently serves on the Broomfield County, Health and Human Service Advisory Board and holds a Bachelor of Science in Nursing. He resides outside Denver, CO with his wife and three children.

Corioso, Colletta
Area Transportation Authority
Presenting in the Human Services Transportation Workshop
Not available at time of printing.

Costello, Pete
INRIX
Moderating in Session H1, Presenting in Sessions E2 and A2

Pete Costello is INRIX’s Senior Manager of Public Sector, based in Orlando, Florida, who leads INRIX projects in Alabama, Florida, Massachusetts and Pennsylvania. Prior to joining INRIX, as ITS Group Manager at PBS&J, Pete was the lead consultant support for the AASHTO-led 511 Deployment Coalition and served as project manager for the North Carolina 511 service which included additional traffic data collection for travel times across the state. Pete is an internationally recognized advanced traveler information services expert with numerous publications in industry magazines and presentations at conferences around the world.

Cox, Kevin
Wyoming Department of Transportation
Presenting in Session D1

Kevin has 16 years experience in the field of transportation engineering in both the public and private sector. He currently serves as the Systems Engineer for the Wyoming Department of Transportation (WYDOT) Intelligent Transportation Systems (ITS) Program. Before returning to WYDOT seven years ago, Kevin worked in the private sector as a roadway designer and traffic engineer. He also spent three years serving in the United States Air Force on tours of duty in Texas, Arkansas, Oman and Afghanistan. Today, he continues to serve part-time in the Wyoming Air National Guard as a C-130 Navigator. Kevin holds a BS in Civil Engineering from the University of Wyoming and is a registered Professional Engineer in Wyoming. He is a member
of ITE and participates in numerous community organizations in Cheyenne. His greatest joy in life is fulfilling his role as a dedicated father to his eleven-year old twins, Graham and Abigail.

**Czinku, Roy**  
International Road Dynamics (IRD)  
Presenting in Session G3

Roy Czinku is currently the Customer Service Sales Manager and a Technology Specialist with International Road Dynamics. Roy has been with IRD for over fifteen (15) years and has been directly involved in all aspects of the company including research and development, product development, field installation, and service and support. Presently Roy is responsible for initiating and developing new applications for Intelligent Transportation System (ITS) technology as well as development of proposals, specifications, and plans for ITS systems including automated truck weigh stations, highway data collection systems and highway safety systems.

**Dale, Jeffery**  
Kimley, Horn & Associates  
Presenting in Session B2

Jeff Dale is a Project Manager with Kimley-Horn, and is based in North Carolina. His experience includes ITS planning and design for regions and states throughout the country, including Michigan, North Carolina, California and Nevada. Jeff has also been integrally involved with research and studies at the national level, including the SRHP2 Reliability program and a study for Statewide Incident Reporting Systems for AASHTO. Prior to his career in consulting, Jeff spent nearly 10 years with the North Carolina Department of Transportation. Jeff is a member of the program support team for the I-80 Coalition, which includes the western states of California, Nevada, Utah and Wyoming.

**Danker, Kevan**  
JAUNT  
Presenting in the Human Services Transportation Workshop

Kevan Danker has over 20 years of management, governmental and technology experience within the transit industry. He currently serves as Assistant Director at JAUNT, in Charlottesville, Virginia, where he is responsible for the Operations, Technology and Maintenance Departments. Previously Mr. Danker managed a University (Virginia Tech.) Paratransit Operation and spearheaded many fixed route and Paratransit technology projects including a passenger information system for fixed route passengers and creating a public/private partnership with a scheduling software company. In his current position Kevan has recreated the company’s technology infrastructure while incorporating several layers of transit operations-enhancing technologies.

**Deeter, Dean**  
Athey Creek Consultants  
Moderating in Sessions T1 and E2, Presenting in Sessions F4 and H1

Mr. Dean Deeter is responsible for technical operations of Athey Creek Consultants, which he founded in April, 2006. He has more than 18 years of experience in planning, design, operations and evaluation of Intelligent Transportation Systems (ITS), with an emphasis on rural ITS initiatives. Dean has a Bachelor’s degree from Colorado State University and a Master’s degree from the University of California, Irvine. He is a registered engineer in Minnesota, Oregon, and New Mexico.

**Dodge, Linda**  
ITS Joint Program Office, US Department of Transportation  
Moderating in Session B3

Not available at time of printing.

**Donovan, Patrick J.**  
West Virginia Public Port Authority  
Presenting in Session C3

Patrick received a Bachelor of Arts and a Master of Arts in Geography from Marshall University. He is a member of SMART Rivers 21, the Putnam County Zoning Board of Appeals, Hurricane improvement Council and is Vice-President of the National Waterways Conference.

Patrick served in the military as Operations Sergeant in the 863 M.P. Company in Glen Jean, West Virginia. He has over twenty years of active and reserve federal service and has received many awards.

Patrick’s experience includes active duty in the U.S. Army; Juvenile Correction Officer in Military Boot Camp; Executive Director St. Albans Renaissance Group; Riverfront Development Coordinator for WVPPA; Acting Director, WVPPA; Adjunct Professor of Geography at Marshall University; and Executive Director, WVPPA.

He is married to the former Amy Owens of St. Albans, West Virginia. They have four children; Megan, Jennifer, Sean and Thomas. Patrick currently resides in Hurricane, West Virginia.
Drake, John
Democratic Professional Staff, Senate Committee on Commerce, Science and Transportation
Presenting in Session A2
Not available at time of printing.

Duensing, Jeremy
Telvent
Presenting in Session B1
Not available at time of printing.

Frevert, Ben
Iteris
Moderating in Session F2, Speaking in Session T2
Ben has over twenty-two years of transportation engineering experience and has worked in the ITS arena in a public agency role with the Federal Highway Administration and a private consulting capacity with Iteris. He has significant background in ITS architecture development and systems engineering and experience with an array of specific technologies relative to Advanced Traveler Information Systems, Advanced Traffic Management Systems, Commercial Vehicle Operations, and remote weather sensing. He holds a Bachelor of Science degree in Civil Engineering from the University of Kansas and a Professional Engineer license in Idaho.

Gagnon, Jeff
AZ Game & Fish Department
Presenting in Session C4
Jeff Gagnon is a Wildlife Research Biologist with the Arizona Game and Fish Department and has been working on wildlife highway interaction projects for over 10 years. Jeff received his Master's degree, focused on Road Ecology, through Northern Arizona University in Flagstaff, Arizona.

Galarus, Doug
Western Transportation Institute, Montana State University
Presenting in Sessions C2 and G2
Mr. Galarus has over 20 years experience in information technology development, testing, implementation and management. He has extensive experience as the project manager and lead for mobile data communications systems, database-driven websites, website design, desktop applications, kiosk development, PDA and Tablet PC-based development, and interactive CD-ROMs. At the WTI, he has applied his technical expertise to the development of specific applications for transportation safety, including improved tools for road weather management, incident management, traveler information and data communications.

Gibbons, Eric
High Sierra Electronics, Inc.
Presenting in Session G1
Eric Gibbons joined HSE in July, 2006 as ITS Product/Project Manager for applications pertaining to the Intelligent Transportation System market. Eric defines and drives product development for HSE's road weather monitoring and management systems, which includes advance warning systems for roadway flooding, road weather information systems (RWIS), and other climate-related traffic safety products. He works closely with HSE's engineering, sales, marketing, and customer service departments to ensure customer satisfaction goals are met. In June, 2009 Eric was named Project Manager for two large-scale projects awarded HSE by the City of San Antonio and Bexar County, TX. He has overseen the implementation and installation of more than sixty Advance Warning Stations with flashing beacons for monitoring flooding conditions at low points on roadways.

He has an extensive background in product management and technical support having worked at Harris Corporation, Farinon Division as Director of Quality and Customer Service and at The Grass Valley Group, Inc. as Product Manager for their Telecom Division. Eric is a member of the CLARUS Initiative Coordinating Committee, an active participant with the National Rural ITS group, and holds a FCC General Radiotelephone Operators License.

Goodhart, Charles
Pennsylvania Department of Transportation
Presenting in Session C1
Charles has over 35 years experience with the Commonwealth of Pennsylvania and 33 years experience with the Pennsylvania Department of Transportation. Since November 1, 2009, he has served as Director of Maintenance and Operations for PennDOT. He manages three divisions of BOMO-Maintenance Division, Roadway Management Division and Equipment Division.

Charles has also held several positions within the Pennsylvania Department of Transportation. These include Maintenance Project Coordinator, District 8-0; District Maintenance Manager, District 8-0; Director, Office of Research and Special Studies; County Maintenance Manager, Lebanon County, District 8-0; Chief, Equipment Division, Bureau of Maintenance and Opera-
Charles received a BA in Geography-Earth Science in 1974 and an MS in 1986 in Public Administration from Shippensburg University. He is a member of AHD 65 – TRB Winter Maintenance Committee and AASHTO Standing Committee on Maintenance.

Goodine, Aletha
USDOT
Presenting in the Human Services Transportation Workshop
Not available at time of printing.

Gross, Yehuda
ITS Joint Program Office, US Department of Transportation
Moderating and Presenting in the Human Services Transportation Workshop
Yehuda Gross joined the US DOT ITS Joint Program Office (JPO) in September, 2000 as the ITS Transit Program Manager. He brings with him close to forty years of professional and leadership experience in the private and public sectors.

Yehuda manages the Mobility Services for All Americans (MSAA) initiative, one of the high priority ITS research projects by the USDOT. The MSAA initiative aims to bring all travelers, service providers and funding institutions together in a coordinated effort, and introduce technological solutions to simplify access and improve cost-effectiveness of human service transportation.

Haas, Mike
Open Roads Consulting
Speaking in Session G2
Mike Haas is an ITS project manager with Open Roads Consulting. Mike has over fifteen years of professional experience in Intelligent Transportation Systems (ITS), serving in lead roles on major regional ITS programs throughout the country including Virginia DOT, Illinois DOT, Delaware DOT and numerous Government municipalities. Mr. Haas’ expertise spans arterial and freeway management, National and Regional ITS architectures, transportation planning and specifications, project management, and system development and integration.

Hensel, Bill
Boschung America
Presenting in the Poster Session (ITS Information Assembly)
With over 27 years of experience in engineering and construction management Bill is the Operations Manager with Boschung America, LLC.

Bill joined Boschung in 2005 as engineering manager and has overseen the design, construction, installation, commissioning and servicing of nearly 25 automated anti-icing systems and a number of RWIS installations. Additionally Bill was the lead engineer on the Boschung Automated anti-icing system integrated as part of the design-build project team on the St. Anthony Falls Bridge, I-35W in Minneapolis, Minnesota.

Currently Bill resides in Volant, Pennsylvania with his wife and two daughters.

Hershey, Ben
Meridian Environmental Technology
Presenting in Session A1
Ben joined Meridian in the fall of 2006 and is currently managing Meridian’s MDSS efforts across the US. This includes having oversight of all training activities across the Pooled Fund Study MDSS states. Ben is also in charge of MDSS marketing efforts and overall customer service of the MDSS from Meridian’s central office in Grand Forks, North Dakota. Ben has also worked on several other contracts while employed at Meridian, through the Federal Highway Administration, including the Clarus Initiative.

Before joining Meridian, Ben worked on his master’s at the University of North Dakota with an emphasis in road weather. He has conducted research on the impacts of blowing snow within the roadway. This research included the quantification of blowing snow within the roadway along with investigating the impacts of residual chemical on a roadway during blowing snow events.
Hetherington, Gene - BSME, MPA
Virginia Tech Transportation Group
Presenting in Session G1

Gene Hetherington has over 20 years of experience working in both the international motor racing and consumer automotive industries. His career in motor racing includes working at Electromotive Engineering, Team McLaren, and Arrows Grand Prix. This was followed by Safety Systems at Ford Motor Company dealing with safety related government regulation and serving as Ford’s representative to the ISO protocol. During his stay at Ford, Gene participated in crafting international standards such as the ISO Fix Child Restraint Standard and Passenger Presents Detection systems.

After earning a Master’s in Public Administration at Clemson University he is attending Virginia Tech working on his PhD. in Government and International Affairs and Science and Technology in Society and is a Graduate Research Assistant in the Transportation Policy Group of the Virginia Tech Transportation Institute

Howarth, Michael
Intelligent Devices, Inc.
Presenting in Session A1

Michael Howarth has over twenty years experience in the Intelligent Transportation Systems (ITS) industry, working as a senior executive in a number of corporations before joining Intelligent Devices as Vice President of Business Development. He has been heavily involved in the NTCIP Standards development and implementation from its inception in the mid nineties, and is currently a member of the International Standards Organization (ISO/TC 204), a technical committee for standardization for ITS within ISO.

Hranac, Rob
Berkeley Transportation Systems, Inc.
Presenting in the Poster Session (ITS Information Assembly), and in Sessions G3 and H2

Rob Hranac is the Vice President of Berkeley Transportation Systems, Inc. His experience revolves around the connection between transportation systems and information technology. He has a decade of practical experience working with public sector agencies deploying technology to monitor, model, and optimize a broad array of transportation systems. He has specific expertise in geographic information systems, travel demand models, and traffic micro-simulation models.

Huft, Dave
South Dakota Department of Transportation
Speaking in Session A1 and H3

Dave Huft is the Research Program Manager and Intelligent Transportation Systems Coordinator for the South Dakota Department of Transportation (SDDOT). SDDOT’s Office of Research addresses a broad range of research topics in transportation design, construction, operations, maintenance, planning, administration, and market research. Dave has been active in national research activities and is a past chair of the American Association of State Highway & Transportation Officials (AASHTO) Research Advisory Committee. He is currently a member of the AASHTO Standing Committee on Research and the AASHTO Technology Implementation Group, and was co-chair of the International Scan on Research Program Management. Dave is a recipient of AASHTO’s President’s Award for Research and Alfred E. Johnson Award for Outstanding Achievement as well as the Transportation Research Board’s W.N. Carey, Jr. Distinguished Service Award. He was named to the South Dakota Transportation Hall of Honor in 2009.

Huijser, Marcel - PhD
Western Transportation Institute, Montana State University
Presenting in Session C4

Dr. Marcel Huijser received his M.S. in population ecology (1992) and his Ph.D. in road ecology (2000) at Wageningen University in Wageningen, The Netherlands. He studied plant-herbivore interactions in wetlands for the Dutch Ministry of Transport, Public Works and Water Management (1992-1995), hedgehog traffic victims and mitigation strategies in an anthropogenic landscape for the Dutch Society for the Study and Conservation of Mammals (1995-1999), and multifunctional land use issues on agricultural lands for the Research Institute for Animal Husbandry at Wageningen University and Research Centre (1999-2002). Currently Marcel works on wildlife-transportation issues for the Western Transportation Institute at Montana State University (2002-present). In this position he is responsible for a series of completed and ongoing highway wildlife mitigation projects. A few examples of these efforts include a Congressional report and a handbook on wildlife-vehicle collision reduction strategies, leading research into the development, reliability and effectiveness of animal detection systems, and NCHRP project that investigated data collection efforts by state and provincial highway agencies and natural resource management agencies in the United States and Canada. Furthermore, Marcel is the lead author on a recently published peer-reviewed article on
cost-benefit analyses for mitigation measures aimed at reducing collisions with large ungulates and he is a co-author of the Island Press book Safe Passages, Highways, Wildlife, and Habitat Connectivity that is scheduled for publication in September 2010. Finally, Marcel is a member of the Transportation Research Board (TRB) Committee on Ecology and Transportation and co-chairs the TRB Subcommittee on Animal-Vehicle Collisions. Marcel, along with other colleagues at WTI, was awarded the 2008 Best of ITS Award for Best New Innovative Practices for Partnerships for Deploying Animal Vehicle Crash Mitigation Strategies.

Hunt, Jim - PE
Federal Highways Administration
Instructor for the Advanced Operational Concepts Workshop (Sessions A4/B4)

Jim Hunt is a Transportation Specialist on the Congestion Management and Pricing Team in the Federal Highway Administration’s Office of Operations where he develops and promotes methods and analytical tools for evaluating transportation operations strategies and for integrating these strategies into the planning process. Previously, Jim served as the ITS / Operations Engineer for FHWA in the Pennsylvania and Virginia Division Offices.

He has also held positions as a Transportation Planner in the FHWA Office of Planning and a consultant in the private sector where he worked on the National ITS Architecture program and several state and local ITS planning projects. He holds a B.S. in Engineering Science from Hofstra University, an M.S. in Transportation Planning from Iowa State University, and is a registered P.E. in Virginia.

Inglis-Smith, Chandra
Rahall Transportation Institute
Moderating in Session C4

Ms. Inglis-Smith graduated with a MS degree from Marshall University and is proficient in Project Management, the ESRI GIS software suite, GIS theory, applications, data development and training. She is skilled in ERMapper and Idrisi Imagery Software for use in Remote Sensing/Imagery Analysis activities. Ms. Inglis-Smith also has extensive experience in a wide array of transportation projects as a former Archaeologist for the West Virginia Division of Highways (WVDOH) prior to joining the Nick J. Rahall II Appalachian Transportation Institute (RTI) and Qk4 Engineering while attending Graduate School. Consultation, coordination, planning and organization are important factors to her current position as a Project Manager and Trainer for RTI. Her current role at RTI involves the continued management, maintenance and development of the Electronic Commercial Drivers License Software (eCDL), winner of the Council of State Governments 2009 Innovation Award. Ms. Inglis-Smith’s WVDOH project experience includes performing cultural resource investigations, excavations, and developing mitigation plans across the state. While at the WVDOH Ms. Inglis-Smith also received training and experience in natural resource issues including wetland identification & delineation and Natural Stream Design and is a certified stream monitor with the WV Department of Environmental Protection. She has a strong background in Environmental and Cultural Resource Laws, NHPA Section 106, the National Environmental Policy Act, and the Endangered Species Act. Additionally Ms. Inglis-Smith has worked extensively with clients in various capacities: writing scopes of work, conducting trainings, presenting data and product development.

Jackels, Jon
Minnesota Department of Transportation
Presenting in Sessions A3, D2 and F4

Jon has been employed by Mn/DOT since August 1974, he graduated from the University of Minnesota in 1995, with a Bachelor of Science in Civil Engineering. Jon is currently an Administrative Professional Engineer with the Minnesota Department of Transportation’s Office of Traffic, Safety and Technology. Prior to starting his new assignment in November 2008 as ITS Program Engineer, Jon was responsible for temporary traffic controls, pavement markings and approved traffic control products.

Jackson, David
Intelligent Imaging Systems
Presenting in Session H3

Not available at time of printing.

Jackson, David
Volpe National Transportation Center
Presenting in Session D4

Not available at time of printing.
Jaeschke, Christoph, PE  
FHWA Eastern Federal Lands Highway Division  
Presenting in Session D4

Chris has been a Transportation Planner with the FHWA Eastern Federal Lands Highway Division in Sterling, Virginia since 2000 and is a key member of the Planning Team. Currently, he engages in activities relevant to serving the transportation needs of federal land management partners in Regional Long Range Transportation Plans (LRTPs), Intelligent Transportation Systems (ITS) initiatives and Unit-Level Transportation Planning studies to accomplish partner planning goals, and makes recommendations regarding alternative modes and ITS. This experience allows the Division to serve National Park Service and Fish and Wildlife Service partners, clients, and public stakeholders through efficient identification and prioritization of transportation improvements.

Chris has an extensive background in transportation infrastructure planning, design, maintenance, rehabilitation, and construction in private and public sectors. Prior to joining Federal Lands Highway, Chris held a variety of responsible positions in land development, infrastructure engineering and transportation planning. As the Senior Civil Engineer for the Town of Herndon, VA from 1990 to 2000 he managed the Town’s Engineering Department including traffic operations, transportation planning coordination with Town planners, and maintenance in accordance with local/state regulations and laws. During his nearly three years as a Senior Civil Engineer for the Marriott Corporation, he traveled the country directing and managing the civil, environmental and geotechnical design of national hotel projects by coordinating with local jurisdiction planning and permitting authorities.

Chris' other professional work includes a Project Manager for a real estate development firm in Fairfax, VA a Quality Control Engineer for Dewberry and Davis, a premier mid-Atlantic consulting engineering firm, and Site Review Branch Chief at the Fairfax County government.

Chris is a Registered Professional Engineer in Virginia.

Jodoin, Paul  
Federal Highway Administration  
Presenting in Session C1

Paul Jodoin is the Traffic Incident Management Program Manager for the Federal Highway Administration based in Washington DC. Paul ended a 38 year career with the Massachusetts DOT prior to starting his current position in July of 2009. Paul was the ITS Programs, Operations Manager for the last 12 years of his MassDOT career and was responsible for management of the Traffic Operations Center, Traffic Incident Management Program, Service Patrol operations, the moveable barrier HOV Lane operation, State Emergency Operations Center coordinator and various outside agency liaison duties.

Kenney, Bruce  
West Virginia Department of Transportation  
Presenting in Session C1

Bruce E. Kenney III, P.E. has been employed with the West Virginia Division of Highways, Traffic Engineering Division for 18 years, the last 12 years as Coordinator for statewide traffic signal and roadway lighting systems, pavement marking and TODS/LOGO programs. In addition, Mr. Kenney is the currently the state ITS Coordinator and initiated the statewide ITS program in 2006. He is the president of the state’s WV-ITS chapter. A graduate of the University of Kentucky and graduate student at West Virginia University, Mr. Kenney is married with two sons and five grandchildren.

Kiel, Don  
GeoDecisions/Gannett Fleming  
Presenting in Session H2

Mr. Kiel has been active in GIS and transportation work since 1984. Since 1993 he has been with GeoDecisions, State College, PA, and is Senior Project Manager. He served nine years as the GIS Director at Johnson City, TN. Mr. Kiel earned an M.S. degree in Geography from Virginia Tech in 1983 and a B.A. degree in Geography from the University of Akron in 1981. He has taught classes at the collegiate level, published numerous papers, and given many presentations on ITS and GIS applications. He is a lecturer for the NHI Course “Applying GIS and Spatial Data Technologies to Transportation.” His current interests include strategic planning, representation of linear networks, integration of GIS and intelligent transportation systems, and Web-based applications in transportation.

Jensen, Lee  
Real Time Sites  
Presenting in Session E2

Lee is a computer scientist / software engineer with a Master’s degree in computer science and broad range of experience in commercial, government and scientific software development efforts. He is the Chief Technology Officer for RealTimeSites and the technical lead for the NMRoads.com application.
Kitchener, Fred
McFarland Management
Moderating in Session T2

Fred currently owns and manages the consulting firm of McFarland Management, LLC. In this role, he provides project management, business development and technology evaluation services, with a specialty in rural applications of Intelligent Transportation Systems (ITS). ITS areas of emphasis include rural and small urban transit applications, traveler information, road weather information systems, incident management, and weather integration in TMC operations. He is currently the technology project manager for the Idaho Transportation Department Division of Public Transportation. In this role he is deploying APTS for rural transit providers, a statewide 511 transit information system, and a mobility management and administration system for the Division.

Koeberlein, Robert
Idaho Transportation Department
Moderating in Session A3, Presenting in Sessions F4

Bob earned his Bachelor’s degree in Civil Engineering at the University of California, and his Master’s degree in Engineering Science from the University of Santa Clara.

He joined the Idaho Transportation Department in 2001. His group is responsible for ITS, 511, Winter Maintenance, Signal Operations and Emergency Management. Bob is a Registered Professional Engineer in California and Idaho.

Prior to joining ITD he spent 15 years with the Federal Government, at the Voice of America, managing design and construction of radio relay stations throughout the VOA worldwide telecommunications network. He completed international projects in Botswana, Kuwait, and Saipan, plus domestic projects in California and Ohio.

He also spent several years in the consulting engineering world, in California, Florida, South Carolina and Massachusetts.

Kopp, Stephen
President, Marshall University
Luncheon Speaker

Dr. Stephen J. Kopp is the 36th president of Marshall University. Dr. Kopp joined Marshall in 2005 following leadership positions with Midwestern University, Central Michigan University and Ohio University.

Since 2005, Marshall has witnessed tremendous growth in its campus infrastructure and academic programs. Dr. Kopp has joined with local and state leaders to raise the university’s profile and position Marshall as a key part of the region’s economic development. And this fall, Marshall is expected to have its largest-ever freshman enrollment.

Dr. Kopp believes that Marshall’s dynamic progress will continue through the hard work of talented faculty and staff, and by fostering the innovations of our students and alumni. He understands the importance of research, development and technology in improving our transportation infrastructure in West Virginia and the nation. Working with the Nick J. Rahall, II Appalachian Transportation Institute (RTI), Marshall is a leader in transportation and economic development in West Virginia and the Appalachian Region.

Kopp received his B.S. in Biology in 1973 from the University of Notre Dame, and his Ph.D. in Physiology and Biophysics in 1976 from the University of Illinois at Chicago. He was a postdoctoral fellow at St. Louis University Medical Center, department of physiology, and a research fellow and NIH fellow in the department of biochemistry at the University of Illinois at Chicago.

Kopp and his wife, Jane, have two grown children.

Kyle, Jerry
West Virginia Office of Emergency Medical Services
Moderating in Session C3

Not available at time of printing.

Larsen, Jim
Ada County Highway District
Moderating in Sessions B2 and D1

Jim has been with the Ada County Highway District (ACHD) in Boise, ID the past 13 years and has held the title of the Traffic Operations Engineer and is currently the Congestion Management Supervisor. Jim manages the ACHD Traffic Management Center, signal timing staff and servers as Project Manager on ACHD ITS projects.

Prior to working at ACHD Jim worked for the City of Redmond, Washington as Traffic Operations Engineer for 7 ½ yrs and for the City of Auburn, Washington as Traffic Design Engineer.

Jim is a past ITE Idaho Chapter President and is currently the Vice President of the ITS Rocky Mountain Chapter. Jim graduated from Washington State University with a BS in Civil Engineering.
SPEAKER/MODERATOR BIOS

Legg, Bill
Washington State Department of Transportation
Moderating in Sessions F4, G3 and H3, Presenting in Sessions B2 and C2

Bill Legg is the State ITS Operations Engineer for the Washington State Department of Transportation.

He is responsible for the coordinated operations of the agency’s eight traffic operation centers as well as the operations of the statewide incident management program.

Additional responsibilities include management of the agencies Commercial Vehicle Services division which provides commercial vehicle permitting and supports the operation of the states’ Commercial Vehicle Information Systems Network (CVISN) and its Weigh in Motion (WIM) systems.

Bill also oversees and coordinates operations of the departments statewide microwave communications network and its voice and data radio systems, its 511 phone system, and the agency’s AMBER Alert program.

Bill is the current Chair of both the Enterprise and North-West Passage Pooled Fund Programs.

Lindley, Jeff
Federal Highway Administration
Presenting in Session A2

In August 2008, Jeffrey A. Lindley was named Associate Administrator for Operations for the Federal Highway Administration. He directs a staff responsible for development and delivery of FHWA policies and programs designed to reduce congestion and improve highway operations. Immediately prior to this appointment, he served as the Associate Administrator for Safety. Since 1985, Mr. Lindley has held a variety of staff and leadership positions within FHWA. From 1997-2000, he served as FHWA California Division Administrator, where he led the delivery of the nation’s largest Federal-aid highway program. Prior to joining FHWA, he held transportation engineering positions in the private sector and with the U.S. Air Force.

Mr. Lindley is a civil engineering graduate of Virginia Tech and received his Master’s degree in Transportation Engineering from the University of Maryland. He is a registered professional engineer in Virginia.

He has received numerous performance and honor awards, including the FHWA Administrator’s Award for Superior Achievement.

Lowrance, Cheryl
Noblis
Instructor for the Advanced Operational Concepts Workshop (Sessions A4/B4), Presenting in Session D2

Ms. Lowrance has 26 years of experience in traffic engineering and transportation management including project management, design and implementation of traffic signals, traffic signal systems, traffic information systems, traffic incident management systems, and freeway surveillance systems. Ms. Lowrance has been with Noblis for over five years. She is currently supporting the USDOT Research and Innovative Technology Administration (RITA) Joint Program Office, supporting the ITS Professional Capacity Building Program and the Evaluation Program providing analysis and development of the ITS Benefits, Costs and Lessons Learned Knowledge Resources. Before joining Noblis, she was the ITS Manager for a consulting firm and has held several positions supporting ITS programs at the state and local level throughout her career. Ms. Lowrance holds a B.S. in Civil Engineering from Tennessee Tech University and is a registered Professional Engineer and a registered Professional Traffic Operations Engineer.

Ludwig, David
Digital Traffic Systems, Inc.
Presenting in the Poster Session (ITS Information Assembly)

Mr. Ludwig serves as the Director of ITS Programs for Digital Traffic Systems (DTS). In this role, he manages several ITS contracts with the Virginia Department of Transportation (VDOT) involving the installation and maintenance of a wide variety of ITS devices and signal systems, including Dynamic Message Signs, CCTV systems, non-intrusive sensors, HAR, RWIS, fog warning and signaling systems. Mr. Ludwig also manages an innovative contract with VDOT for the state-wide provision of real-time mobile video, traffic and weather data services in support of Emergency Operations and special events. Mr. Ludwig has a B.S. in Electrical Engineering from Rutgers University and has over ten years of experience in the transportation industry. His previous work includes the management of traffic impact studies in New Jersey, New York and Pennsylvania, where clients included several Fortune 500 companies. He has also worked as an Application Engineer providing industrial automation solutions utilizing infrared, laser and ultra-sonic sensor devices.
Luttrull, Dana
Lower Savannah Council of Governments
Presenting in the Human Services Transportation Workshop

Dana Luttrull is a Grants Manager with the Lower Savannah Council of Governments (LSCOG) in Aiken, South Carolina. She has been with LSCOG for the past five years assisting the human services department with grant writing, grant reporting, procurement, and project management. Dana finds grant financing to be the most challenging aspect of her position as she must make $2 + 2 = 5$ (because there is never enough match funds available!). Dana has been with the MSAA grant/TMCC project from its inception in 2006 as a planning grant and then has learned much about ITS and technology from the MSAA Phase II implementation award that followed. Dana earned her undergraduate degree in political science with a minor in public administration and is still wondering how she ended up in transportation, but is even more surprised to learn that she loves it.

MacKenzie, Rod
ITS America
Presenting in Session G2

Roderick MacKenzie provides oversight for ITS America’s technical and business development programs. As vice president for programs, he is responsible for leading the program staff and providing day-to-day guidance on program management, project execution, and resource allocation in the Society’s work supporting US DOT. In his role as chief technical officer, Rod monitors new technologies and assesses their potential role within the ITS industry.

Rod has more than 20 years of experience in the automotive, telematics, navigation, and mobile infotainment industries. Prior to joining ITS America’s staff in April 2009, Rod was the vice president of advanced applications and services at XM Satellite Radio where he led the development of new telematics capabilities and infotainment services, including real-time traffic and weather, with particular focus on supporting XM’s OEM partners and core automotive business. His background is in the automotive industry with extensive experience in USA and Europe with BMW, Ford, Honda, and Land Rover.

Rod holds a bachelor’s degree in mechanical engineering from Brunel University in Uxbridge, England.

Mahoney, Bonnie
Montachusett Regional Transit Authority
Presenting in the Human Services Transportation Workshop

Bonnie J. Mahoney has worked for the Montachusett Regional Transit Authority (MART) in Fitchburg, Massachusetts since 2001. She has a Bachelor’s degree in Computer Information Systems from Fitchburg State College. She lives with her husband and children in rural Templeton, MA. She joined the United We Ride Mobility Services for All Americans (UWR/MSAA) project in 2008 when MART was selected as one of the eight sites for the research demonstration phase.

Initially a member of the IT Department in charge of a major ITS project, Mrs. Mahoney was selected to represent MART as a stakeholder on the committee for the design of the Central Massachusetts Regional ITS Architecture. The regional architecture was originally released in April 2005 and is currently undergoing a major update in its maintenance program. The Massachusetts Department of Transportation recently renewed its interest and is stressing the importance of using ITS technology in the projects it supports. Mrs. Mahoney continues to represent MART in its involvement and support with this important state initiative. She recently took an elevated position in Grant Management at MART, but still lends her expertise and project management skills to on-going ITS projects.

Malin, Eve
HNTB
Instructor for the Workshop on Enhancing Traffic Incident Management in Rural Areas (Sessions E1/F1)

Eve Malin is a Traffic Operations Engineer for HNTB Corporation. Based in Milwaukee, Wisconsin, she has 2 years of experience and specializes in emergency planning and traffic incident management. Eve works on-site at the WisDOT Statewide Traffic Operations Center (STOC) and serves as a project engineer for the Wisconsin Statewide Traffic Incident Management Enhancement (TIME) Program. In addition, Eve provides support to WisDOT for transportation focused evacuation planning efforts. Eve is an active member of ITE. Eve graduated from Marquette University in 2008 with her BS in civil engineering and will graduate again in August 2010 with her MS in engineering management.
Martin, Kristen
Castle Rock Associates
Presenting in Sessions C3 and E2

As the Quality Assurance Specialist, Kristen Martin oversees quality assurance within the project management group at Castle Rock Associates, ensuring that software bugs and configuration problems are detected and resolved in a timely manner. Kristen also serves as project manager for software deployments in the state of Minnesota and in the Sacramento region and for transit-related software deployments in Idaho and Maine.

Martin, Gene
Virginia Department of Transportation
Presenting in Session F4

Not available at time of printing.

Mattox, Paul - PE
Cabinet Secretary, West Virginia Department of Transportation
Presenting in Session C1

Paul A. Mattox, Jr. was named Commissioner of Highways by Governor Joe Manchin III in January 2005. Later appointed in June 2006 to the position of Cabinet Secretary for the Department of Transportation, he currently serves in a dual capacity as Secretary of Transportation / Commissioner of Highways. Secretary Mattox is a Nitro native and began his career at the Division of Highways (DOH) as a co-op student in 1979 and continued until the fall of 1987. Since leaving DOH, Mattox has worked with Woolpert, LLP, E. L. Robinson Engineering Company and RPM Engineers, PLLC.

He holds a Bachelor of Science degree from West Virginia University Institute of Technology and a Master of Science degree in engineering from Marshall University College of Graduate Studies. He is a graduate of Leadership West Virginia and has served as president of the West Virginia Section of the American Society of Civil Engineers.

Secretary Mattox is a registered professional engineer in West Virginia, Ohio, Virginia, Kentucky and Alabama and is also a registered professional land surveyor in West Virginia. He has extensive experience in designing and managing public works projects for highways, bridges, water and wastewater systems and site development.

McCarville, Jim
Port of Pittsburgh Commission
Presenting in Session E4

James R. McCarville has 30 years of port experience. He has served as the executive director of ports on the Great Lakes (Superior, WI ’77-’84), US east coast (Richmond, VA ’84-’90) and the US inland waterway system where he has been the executive director of the Port of Pittsburgh Commission (since 1994). From 1990 to 1993 Jim served as a private consultant, advising governments of Brazil, Uruguay and Mexico on matters of port organization, operational efficiency and privatization and the governments of both Panama and the United States on the strategic transition plan for the transfer of the Panama Canal. Jim is the past president and chairman of the national trade association of the Inland Rivers’ Ports and Terminals, Inc. (IRPT). He has served as a member of US Secretary of Transportation’s (DOT’s) Maritime Transportation System National Advisory Council (MTSNAC) and as member of the National Academy of Science/Transportation Research Board panel that prepared the report on “The Maritime Transportation System and the Federal Role: Measuring Performance, Targeting Improvements.” He is the principal author of a “Container on Barge Pre-Feasibility Study” published by the US Maritime Administration. He is on the Board of Directors of both Waterways Council, Inc. and the National Waterways Conference. He is active on the Transportation Research Board’s committee on Inland Waterways and a member of PIANC’s Working Group 31 “Organization and Management of River Ports”. In 2007 he was elected by the members to be the Eastern Region Vice-President of PIANC-USA.

At the Port of Pittsburgh Commission, he has demonstrated leadership by securing federal funding for the rebuilding of the port’s aging infrastructure and the advancement of new technologies for river transportation and information systems.

Jim is a native of Wisconsin. He is a graduate of Regis College in Denver and holds advanced degrees in Foreign Service from Georgetown University, Washington, DC, and Urban Studies from Roosevelt University, Chicago, IL. Jim started his career as Lakefront Recreational Planner on the staff of the mayor of Milwaukee and, before that, as a community leadership trainer in the Peace Corps in Brazil.

McDonald, Douglas
US Army Corp of Engineers
Presenting in Session E4

Doug McDonald began working for the USACE Waterborne
Mr. McDonald began his career with the Federal government in 1991 as a Statistician with the U.S. Census Bureau’s Foreign Trade Division (FTD). While there, he was responsible for modernizing the FTD’s Transportation Statistics program which produced the official monthly waterborne trade statistics. He moved to the U.S. Maritime Administration (MarAd) in 1998, where he developed and implemented MarAd’s Waterborne Transportation Statistics Program and MarAd’s concept of operations for integration within ITDS.

Mr. McDonald holds Bachelor of Science degrees in Statistics and Management Science from the University of Maryland.

Middleton, Dan
Texas A&M University
Presenting in the Poster Session (ITS Information Assembly)

Dan Middleton manages the System Monitoring Program at the Texas Transportation Institute. A significant portion of his research involves innovative uses and testing of state-of-the-art sensors of various types for monitoring vehicular movement. He is active in the Transportation Research Board, the Institute of Transportation Engineers, and the Society of Automotive Engineers. He holds degrees in Civil Engineering from the University of Tennessee and Texas A&M University.

Murphy, Ray
Federal Highway Administration
Moderating in Session A1, Presenting in Session B1

Ray Murphy is a Senior ITS Specialist with the US Department of Transportation - Federal Highway Administration’s Resource Center. Mr. Murphy provides technical assistance and technology delivery in support of the Department’s goals of reducing congestion - improving safety, mobility and productivity.

Mr. Murphy’s transportation career began in 1976 when he joined the Illinois Department of Transportation in their Chicago District office. After two decades of field engineering service in Traffic, Construction and Electrical Operations, Ray joined the ITS Program Office, where he was responsible for ITS project management and deployments throughout the Gary-Chicago-Milwaukee multi-state ITS Priority Corridor.

In 2001, Mr. Murphy joined FHWA, where his major service has been in support of Road Weather Management, Emergency Traffic Operations, Traffic Incident Management and national ITS initiatives.

Ray holds a Bachelor of Science degree in Electrical Engineering from the Illinois Institute of Technology. He served as an officer for 10 years in the US Navy Civil Engineers Corp and is actively engaged in civic outreach activities including engineer mentoring.

Nederveld, Lee
Michigan Department of Transportation
Presenting in Session F4

Lee Nederveld is an Operations Engineer with the Michigan Department of Transportation (MDOT) in Lansing, Michigan. He is assisting with the transition of the lead agency role of the ENTERPRISE Pooled Fund program to MDOT, and will serve as Program Administrator for the program once the transition is complete. In his position with MDOT, he works primarily with Intelligent Transportation Systems (ITS), and is responsible for overseeing and assisting with the management of multiple ITS contracts within the department. He is working with multiple agencies, consultants, and contractors on development of a Statewide Advanced Transportation Management System (ATMS) that will combine operation all ITS devices statewide into one software solution. He is also assisting with the design, construction, and operation of a Statewide Transportation Operations Center. He was previously the Operations Supervisor of the West Michigan Traffic Management Center (WMTMC) in Grand Rapids, Michigan. He is a graduate of Michigan State University, having earned both a Master’s and a Bachelor’s of Science in Civil Engineering.
Nichols, Andrew
Rahall Transportation Institute
Moderating in Session G2

Dr. Andrew P. Nichols is an Assistant Professor of Engineering at Marshall University, located in Huntington, WV and a Research Associate with the Nick J. Rahall Appalachian Transportation Institute. Andrew obtained his BS in Civil Engineering from West Virginia University and MS/PhD in Civil Engineering from Purdue University. His research interests are in traffic engineering, specifically ITS, operations, and technology evaluation. He is a registered PE in West Virginia, South Carolina, and Georgia. He consults with Dennis Corporation, an engineering, surveying, and construction services firm headquartered in Columbia, SC.

Nodes, Scott
Arizona Department of Transportation
Presenting in Session F4

Not available at time of printing.

O’Connell, Susan
West Virginia Department of Transportation
Presenting in the Human Services Transportation Workshop

Not available at time of printing.

Pethtel, Ray - PhD
Transportation Policy Group, Virginia Tech Transportation Institute
Moderating and Presenting in Session G1

Ray Pethtel has 35 years of experience in leadership, policy outreach and administrative roles. He is currently the Virginia Tech Transportation Fellow and Director of the Transportation Policy Group at the Virginia Tech Transportation Institute. Ray was champion of the Virginia Tech “Smart Road” and Interim Director of the Center for Transportation Research (now the Virginia Tech Transportation Institute). He served as Virginia’s Transportation Commissioner for nine years and as Chairman/Vice Chairman of the Commonwealth Transportation board. He was the “founding” director of Virginia’s Joint Legislative Audit & Review Commission - the oversight arm of the Virginia General Assembly. As Transportation Fellow, he was founding president of the New Century Technology Council (NCTC), the regional technology council.

Phillips, James
TC Williams School of Law, University of Richmond
Presenting in Session G1

Jim Phillips is currently the Director of the Conflict Resolution Institute in Richmond, Virginia and a member of the faculty at the University of Richmond School of Law. Jim specializes in a wide range of services; including conflict assessment, management and resolution to federal, state and local government agencies, as well as to non-profit organizations. He is a mediator and arbitrator and has assisted with the resolution of hundreds of complex contract related disputes.

Dr. Phillips is a former Assistant Attorney General of Virginia and has over 20 years of experience in resolving protracted legal, ethical and policy issues, especially in the transportation area. From 1993-1996 he was a member of the Project Team that successfully resolved the baggage system disputes between United Airlines, BAE and the City of Denver that led to the opening of Denver International Airport in Colorado. He has served on several Dispute Resolution Boards for the Commonwealth of Virginia, Virginia Department of Transportation, including his service as the Chair of the DRB on the Springfield Interchange Improvement Project on the Washington Capitol Beltway, and as the Chair of the DRB on the VA #4 Route One Phase of the Woodrow Wilson Bridge Project, two multi million road and bridge construction projects.

Jim is a frequent speaker and trainer in the areas of privacy, ethics, strategic communication, problem solving and decision-making in the public policy arena. He holds a Ph.D. in Public Administration from the University of Colorado and a J.D. from the University of Richmond and is licensed to practice law in Colorado and Virginia.

Pierce, Ben
Batelle
Presenting in Session B3

Mr. Pierce is a formally trained statistician (M.S. Statistics) and an expert in survey research methods with more than 18 years of experience. He has led many different transportation related surveys as well as serving as the project manager for many ITS evaluation efforts conducted for the U.S. DOT Joint Program Office. His experience includes intercepting and surveying tourists in multi-site evaluations as part of an Evaluation of Advanced Traveler Information Systems in Rural Areas as well as supporting ITS evaluations in Utah (Evaluation of the Utah Connection Protection Program), along the I-95 corridor, and in other rural areas.
settings (Evaluation of the FORTELL™ consortium operational test: weather information for surface transportation).

Plazak, David
Transportation Research Board
Presenting in Session A3

David Plazak is a Senior Program Officer with the 2nd Strategic Highway Research Program (SHRP 2) at the Transportation Research Board in Washington, DC. He manages SHRP 2 projects related to Highway Capacity and Travel Time Reliability. His previous work experience was with the Center for Transportation Research and Education at Iowa State University where he specialized in access management-related research and taught transportation planning and policy courses. He is a member of the American Institute of Certified Planners (AICP).

Plymale, Bob
Rahall Transportation Institute
Presenting in the Opening Session

Since 2001, Robert H. Plymale has served as Director and CEO of the Nick J. Rahall, II Appalachian Transportation Institute. Under his direction, RTI has grown to become a National University Transportation Center and received millions of dollars to complete research projects related to the enhancement of the 13 states in the Appalachian Region and the nation. Focusing on Appalachia’s road, river and rail systems, and with plans to expand into aviation, RTI strives to improve the safety of those systems and increase the region’s economic development potential.

Bob has extensive legislative experience at both state and national levels. He is currently serving his fourth four-year term in the West Virginia state Senate, representing District 5, which consists of western Cabell and Wayne Counties. He is Chairman of the Senate Education Committee, the Senate Committee on Transportation, the Senate Committee on Pensions. He is also Chair of the Select Committee on the Public Employee Insurance Agency, Co-Chair of the Forest Management Review commission and member of the Coal Truck Overweight Task Force.

On the national level, Plymale was appointed by Governor Bob Wise in 2003 to the Southern Regional Education Board’s Board of Control and reappointed in 2006 by Governor Joe Manchin. He now serves on the executive committee. In 2004-05, he became a member of the National Conference of State Legislatures (NCSL) National Task Force on “No Child Left Behind” and from 2005-2006, he was Chair of NCSL’s Education Committee and the NCSL Blue Ribbon Commission on Higher Education.

In 2000, Bob received a Distinguished Service Award from the West Virginia Athletic Directors Association. In 2004, he received a Presidential Citation from Glenville State College and the Michael Prestera Award of Excellence in recognition of contributions made in improving the lives of those with behavioral health issues. In 2005, Bob received the Distinguished Service to the Community Award from Marshall University. Recently Plymale became Co-President of the Keith Albee Theater Performing Arts Center, Inc. and he has been instrumental in reviving and maintaining this Huntington landmark as a performing arts and community center. Most recently, Bob was given an honorary award from the Southwestern District Labor Council’s Labor Hall of Fame and has been nominated for a National Trails Award.

Price, Nathaniel
Federal Highway Administration
Presenting in Session D4

Nathaniel Price has worked in the field of ITS and Operations since 1997. He is currently the ITS and Operations Program Manager for the Federal Highway Administration in the Oregon Division Office. He has also served as a technical specialist with the FHWA Resource Center Operations TST in the areas of ITS Architecture, Systems Engineering and Emergency Preparedness. Prior to coming to the Oregon Division, Nathaniel worked for FHWA in Tennessee, Washington, DC, Minnesota, and Portland, OR. Before joining FHWA, he attended Oregon State University where he received a Bachelor of Science Degree in Civil Engineering in 1995 and a Master of Science Degree in Civil Engineering in 1996. Nathaniel is a registered professional engineer in the state of Oregon.
Puentes, Manny
ITS Consensus
Moderating in the TSAG Case Studies Workshop (Sessions E3/F3)

Manny Puentes founded ITS Consensus in 2003 and has successfully defined the firm as an effective advocate for bridging the gap between technology and public policy. Through its transportation and ITS projects ITS Consensus addresses complex aspects of transportation technology, public policy and related institutional issues. Manny is a registered traffic engineer (CA), with an advanced degree in business and public administration (MBPA) from the University of California, Irvine.

His career spans over 40 years, two-thirds of these with the Automobile Club of Southern California, where he held professional positions of traffic engineer, transportation engineer, legislative advocate and public affairs manager. Through these positions, and now through ITS Consensus, Manny was and continues to be involved in technical and public-policy based issues through all levels of government and with private sector ITS and related transportation technology interests.

Manny is currently contracted by ITS America to help coordinate public safety programs and projects. He directly coordinates ITS America’s Transportation Safety Advancement Group (TSAG), an assembly of nationally-recognized transportation and first-responder professionals dedicated to providing guidance to the US DOT ITS Joint Program Office’s transportation-technologies programs.

Rahall, Nick
Representative, US Congress
Presenting in the Opening Session

U.S. Rep. Nick Rahall of Beckley represents the Third Congressional District of West Virginia. First elected in 1976, he is currently serving his 17th term and is the Dean of the West Virginia Delegation to the U.S. House of Representatives.

Rahall is well known for his expertise in national policies relating to transportation, and infrastructure, energy and the environment. In addition, he is a tireless fighter for the Appalachian Regional Commission, black lung benefits, veterans’ benefits, and mine health and safety issues. In the House of Representatives, Rahall is the Chairman of the Committee on Resources and is Vice Chairman on the Committee on Transportation and Infrastructure.

In the area of transportation and infrastructure, Rahall is a national leader in the development of federal highway and transit legislation. He serves on two Transportation and Infrastructure subcommittees: Highways and Transit; and, Railroads, Pipelines, and Hazardous Materials. A veteran of every federal highway bill since coming to Congress, Rahall chaired the House Subcommittee on Surface Transportation in the 103rd Congress and was the Ranking Democratic Member on the Ground Transportation Subcommittee during the 104th through 106th Congresses.

Ramirez, Tim
Prairie Band Potawatomi Nation
Presenting in Sessions B3 and D4

Tim Ramirez, Prairie Band Potawatomi Nation Tribal Member, N.E. Kansas. I have spent more than two and a half decades working on roads and bridges for my reservation—the Prairie Band Potawatomi Nation, located in northeast Kansas. The PBPN is a 5,000 member Tribe and has a 77,000 acre Reservation. I have been a part of many varied extremes of all kinds of situations, be it administrations, personalities, the weather, lack of funding, a boon of funding, policies, politics, serving on committees, and creating and maintaining a safe infrastructure. A lot of different entities came into play: Tribal, County, State, and Federal. For the most part the Bureau of Indian Affairs, Interior Dept and Indian Reservation Roads (IRR), funded by FHWA Federal Lands.

My background held precursors that led me to this line of work. I attended high school at Chilocco Indian Boarding School in Oklahoma for three and a half years and, following that, served honorably for three years during the Vietnam era as a US Army Paratrooper with the 82nd Airborne Division. With the G.I. Bill I attended a one year course on Heavy equipment Operation. A lot has been learned and done in the past 28 years with the help of fine workers I owe my thanks to. The present snapshot; we as a department maintain 119 miles of roads with 52 bridges on Bureau of Indian Affairs and Tribal Routes. Intelligent Transportation is the welcome logical next step and we as an Indian Tribe are part of it. Three of the intersections on the US 75 Highway located on our east boundary used by Tribal members were on the Federal Highway 5% Report. RSIP will help reduce and hopefully eliminate fatalities. The Priority of SAFETEA-LU is Safety.

Reed, Jim
Central Texas Council of Governments
Presenting in the TSAG Case Studies Workshop (Sessions E3/F3)

Jim Reed serves as Executive Director of The Central Texas Council of Governments (CTCOG) in Belton, Texas. As CTCOG
Executive Director he administers a seven county region that includes both urban and rural areas. He oversees various regional programs, including Transportation Planning, Aging Services, Housing, Homeland Security, Regional Planning, Economic Development, and Partners with Workforce. Under his direction, CTCOG was recognized as having the number-one rated Homeland Security program in the Nation. Mr. Reed has served as the Chair of the Texas Association of Regional Councils Executive Director’s Council and is the Past President of the National Executive Director’s Council. He also serves on the National Council of Peers for RPO America and has received the Al Notzon Regional Unity Award and the Walter Scheiber National Leadership Award. This year he was a nominee for the American Institute of Certified Planners National College of Fellows.

Jim’s prior professional experience includes positions in the public, private and military sectors. He is a past Director of the Killeen-Temple Urban Transportation Study and has served on several state and national committees on various issues in the planning profession. Jim enjoys golfing and outdoor activities and places priority on family time with his wife and two daughters.

Renfro, Zana
Paducah Area Transit System
Presenting in the Human Services Transportation Workshop

Not available at time of printing.

Ripplinger, David
Small Urban & Rural Transit Center, UGPTI, NDSU
Instructor for the NTI Course

David Ripplinger is an associate research fellow at the Small Urban & Rural Transit Center, a program of the Upper Great Plains Transportation Institute, located at North Dakota State University. Mr. Ripplinger has conducted research in the areas of operations research, transportation economics, ITS, coordination, and university community transportation. He is Vice President-Membership of the Transportation Research Forum and chair of the Paratransit Research Subcommittee of the Transportation Research Board. Mr. Ripplinger received his Master’s Degree from Iowa State and is currently in the Transportation & Logistics Ph.D. program at North Dakota State University.

Schweiger, Carol
TranSystems Corporation
Instructor for the NTI Course and Presenting in the Human Services Transportation Workshop

Carol Schweiger is a Vice President with TranSystems Corporation. She has 30 years experience in transportation consulting, most of it in the area of Intelligent Transportation Systems (ITS). Ms. Schweiger is currently managing TranSystems’ ITS practice, and is a project manager and lead technical specialist on several ITS projects involving the planning, design, development, implementation and evaluation of public transit ITS. Ms. Schweiger developed and is the lead instructor of several training courses for the National Transit Institute on transit ITS. And she has written numerous papers and reports on ITS for transit. She serves on the Board of ITS Massachusetts, the International Program Committee for the ITS World Congress, the Transportation Research Board ITS Committee, and TRB Emerging and Innovative Public Transport and Technologies Committee. Ms. Schweiger has an M.S. in Civil Engineering from Cornell University and a B.S. in Mathematics from Tufts University.

Robert, Acey
Mississippi Department of Transportation
Presenting in Session H1

Not available at time of printing.

Scott, Brian – PE
SRF Consulting, Inc.
Presenting in Sessions C3 and H1

Mr. Scott leads SRF’s Advanced Transportation Systems group, which includes Intelligent Transportation Systems (ITS) and Traffic Engineering-Signal Design. With over 22 years of experience in transportation engineering in both the public and private sectors, he has worked in virtually all phases of project development, including preliminary design, final design and construction of traffic management and communication systems. Mr. Scott’s experience also includes requirements definition, ITS system architecture, system design, system integration and technical evaluation of ITS projects.
Smith, Kevin
Kimley-Horn & Associates
Presenting in Session D4

Kevin Smith, P.E. is a Transportation Engineer with Kimley-Horn and Associates, Inc. in Raleigh, North Carolina. He has been with Kimley-Horn for 9 years, since graduating from the University of Virginia with a Bachelor of Science and Master’s of Science in Civil Engineering. He specializes in Intelligent Transportation Systems (ITS) planning and design. He has experience with small and large ITS projects related to the planning and design of traffic signal systems, fiber optic and wireless communications, CCTV video systems, traveler information systems, and freeway management systems. He is currently involved with a project to examine the feasibility and suitability of deploying ITS solutions on National Wildlife Refuges.

Smith, Ted
Noblis
Presenting in Session B3

Mr. Smith is Principal at Noblis, a not-for-profit science, technology and management strategies company based in Falls Church, Virginia. For the past 9 years, Mr. Smith has provided technical and programmatic oversight to a number of ITS Joint Program Office, FHWA and NHTSA public safety initiatives. Currently Mr. Smith is serving as program manager for the 11 Rural Safety Innovation Program projects that are funded through the ITS Program. In his 18 years of professional experience, Mr. Smith has managed a range of domestic and international transportation policy, planning and engineering projects as they relate to highway networks, public transit systems and airport ground access systems. Mr. Smith holds a Bachelor of Science degree in urban planning, a Master of Science degree in transportation planning from Iowa State University, and a Master of Science degree in Public Policy from George Mason University. He is also currently pursuing a Master of Business Administration from Northeastern University.

Smith, Tom
Federal Highway Administration
Moderating in Session C1

Tom has worked with the Federal Highway Administration (FHWA) for 32 years. He has served in a number of positions around the United States most recently as Division Administrator, Charleston, West Virginia (Since August 1999) and Acting Associate Administrator, HQ Civil Rights, Washington, DC (2008- mid 2009). Earlier experiences included engineering assignments in Georgia, Ohio and California. He completed a Bachelor of Science Degree in Civil Engineering at North Carolina State University, graduating Summa Cum Laude in 1980. Tom is a registered professional engineer in West Virginia, Ohio, and Pennsylvania.

During his career, Tom has received the FHWA Richard D. Morgan Leadership Development Award, two Secretary’s Awards, two Administrator’s Awards for Superior Achievement and Strive for Excellence Awards in Teamwork and Innovation. He also served for three years as a Co-Chair for the FHWA Human Resources Management Committee.

He and his wife, Mary, have been married for 28 years, and reside in Hurricane, West Virginia with their two sons (both majoring in Engineering) and a daughter.

Tom Sohrweide
SEH, Inc.
Presenting in Session A3

Tom is a Principal and Manager of Traffic Engineering for Short Elliott Hendrickson Inc. in St. Paul, Minnesota. He has over 36 years of traffic engineering experience. For 16 of those years he has worked for cities. The last 20 years he has been a consultant, providing services to states, counties, and cities. His work has been in all aspects of traffic engineering, roadway safety, and ITS projects. For the past 3 years he has been involved with Rural ITS Safety projects and has recently become a member of the TRB Rural Safety Policy Sub-Committee.

Staszcuk, Joseph
Western Transportation Institute
Presenting in Session D2

Joey Staszcuk is a graduate student in Civil Engineering at Montana State University with an emphasis in transportation and human factors. He will graduate with his Master’s Degree in Civil Engineering at the end of August. In addition to his graduate studies, he works as a graduate research assistant at Western Transportation Institute on the MSU campus. Joey is the second place winner of the NRITS Student Paper competition.

His presentation titled: Portable Advanced Traveler Information Systems: Redding Deployment Evaluation describes the results of a portable advanced traveler information system (ATIS) demonstration in Redding, California in June/July 2009. This demonstration deployed four different portable systems and summarized their results based on accuracy, reliability, and usability.
Steinocker, Brett
Daktronics
Presenting in Session D1

Brett Steinocker is the North Central Regional Sales Manager for Daktronics Transportation. In this role, Brett expands and develops opportunities in the ITS, aviation, mass transit and parking facility markets for Daktronics. Brett joined the Daktronics team in 2006. Brett holds a degree in Business from South Dakota State University and is a member of the ITS Minnesota Communications Committee, the ITS Midwest Communications Committee and the ITS Midwest Finance Committee.

Recent major projects Brett has been involved with include:
- Cleveland/Akron ITS Expansion, Columbus, Ohio
- Ohio Turnpike Commission Toll Plaza Displays, Berea, Ohio
- West Virginia Turnpike, Charleston, W.V.

Stevens, Mark
Ingram Barge Company
Presenting in Session E4

Mark began his career in the barge transportation industry in 1967 working during his summer vacations while attending Louisiana State University. He entered the Marine Industry full time in 1970 as Manager of Personnel for Chotin Transportation. During his stay he held various positions of increasing responsibility and achieved the position of Assistant Marine Superintendent where he was responsible for all vessel and tank barge activities. He joined Ingram in 1984 and has held various positions in sales, operations, and administration including Assistant Vice President Ingram Support Services - Logistics and Planning, General Manager Gulf Operations & Ingram Aggregates, Project Manager for MacVMS - a satellite based communications system, and Ingram’s Advanced Barge Scheduling System (ABS) including over sight of Ingram’s Global Positioning and electronic chart tracking system. His presently responsibilities at Ingram include oversight of Ingram’s vessel systems and technology.

Stolle, S. Sinclair, PE
Iowa Department of Transportation
Presenting in Session F2

For the past 11 months, Sinclair Stolle has been the 511/ATIS project engineer in the Research and Technology Bureau at the Iowa Department of Transportation. She has almost 13 years of experience in ITS, urban freeway design, and pavement rehabilitation design. Before becoming the 511/ATIS project engineer, Ms. Stolle was introduced to the ITS field as the Des Moines Area ITS Engineer, where she managed an urban ITS deployment of 46 cameras, 65 cameras and 20 Dynamic Message Signs.

She has served as the Iowa Director for ITS Heartland for the past three years. She has a B.S. Degree in Civil Engineering from Iowa State University and is a registered professional engineer in the state of Iowa.

Theisen, Julie
Meridian Environmental Technology, Inc.
Presenting in Sessions E2 and F2

Mrs. Julie L. Theisen is the Director of Advanced Transportation Information Services at Meridian Environmental Technology, Inc. in Grand Forks, ND. She holds a Bachelor’s and Master’s degree in Atmospheric Sciences from the University of North Dakota, and was nationally recognized for her academic leadership in research by the National Weather Service.

Beginning her career at Meridian in 2002, Mrs. Theisen is responsible for the coordination of the Meridian 511 team, providing customer support and assistance for 511 contract customers and the overall day-to-day operations and enhancements of the Meridian multi-state 511 system. She brings her knowledge and understanding of weather impacts on transportation to the advancement of transportation information services by serving as a member of the National 511 Working Group, the American Meteorological Society, and ITS Heartland’s Board of Directors.

Tuzikow, Lauren
Federal Transit Administration
Instructor for the National Transit Database Training

Lauren Tuzikow is the lead analyst for the Rural National Transit Database (NTD) at the Federal Transit Administration (FTA). Lauren works directly with all States, Territories, and directly reporting Tribes on successfully completing their Rural NTD report, including answering reporting questions and validating the data submissions. Lauren has worked on the NTD in various capacities for the past five years, including for the past two years in her current position. Lauren is originally from Pittsburgh, PA and holds a Bachelor’s degree in economics and applied mathematics from the University of Pittsburgh.
Volz, Matthew  
SRF Consulting  
Presenting in Session D1

Matthew Volz is an ITS Engineer and Manager of the St. Louis office of SRF Consulting Group. He has been in private practice since 2002 and managed numerous projects in the Midwest, most recently the design of the Wichita ATMS project. Prior to that, Matt was the State ITS Engineer for the Kansas DOT. Matt received his Bachelor of Science Degree in Civil Engineering from North Dakota State University in 1991 and he received his Master's Degree in Civil Engineering from Kansas State University in 1997. Matt has been a licensed Professional Engineer since 1996.

Matt is a member of ITS America, ITE, Engineers Without Borders, and is a Past-President of ITS Heartland.

Wagener, Doug  
PARTA  
Presenting in the Human Services Transportation Workshop

Doug Wagener joined PARTA in the latter half of 2007 as the Director of Mobility Management. He joined PARTA after having served for the prior seven years in several capacities with a 150+ contract, multi-purpose non-profit social services organization. He brings with him over 30 years of professional and management experience in the not-for-profit sector.

Doug manages the Mobility Management/United We Ride implementation project for PARTA. In addition to that, he serves as the chief liaison between the human services community and PARTA. He is also involved with the activities of PARTA's Planning and Marketing Departments.

Doug worked for a number of years in the field of information and referral and served on the Board of Directors of its US/Canada professional association, the Alliance of Information & Referral Systems (AIRS).

Doug had an active hand in the development of the now-deployed 211 system.

Doug has a Bachelor of Arts degree in English Literature from the Pennsylvania State University with a Secondary Teaching Certificate.

Young, Rhonda  
University of Wyoming  
Presenting in the Poster Session (ITS Information Assembly) and Session C4

Rhonda Young is an associate professor in the Department of Civil and Architectural Engineering specializing in the field of transportation engineering and planning. She has been with UW since 2002 after receiving graduate degrees at the University of Washington. Prior to a career in academics, Rhonda worked for over 10 years as a practicing engineer in the transportation field for both public and private agencies. Her research at Wyoming has a rural focus and includes projects in the planning, safety, and intelligent transportation areas. She is a registered professional engineer in the states of Washington and Wyoming.