special thanks to...

the committees and their chairs who worked diligently to make Transpo2008 a success...

steering committee — charles wallace, chair
program committee — angela garland, chair
promotions committee — mary hamill chair
local arrangements committee — shawna kennedy, chair

task chairs — denise bunnewith (plan), jay calhoun & michael lyeselle (implement), stephen bahler & mark hustad (manage), and george gilhooley (innovate)
cmc & associates, karen crawford, president/owner

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Welcome to Transpo2008—the fifth in this biennial series! On behalf of the conference hosts—ITS Florida, Florida Section/District 10 ITE, the Florida Department of Transportation, and the Florida Division of the Federal Highway Administration—I am pleased to welcome you to Transpo2008: "ITS—Piecing it All Together." The program tracks represent the pieces of our challenge: Plan, Implement, Manage, and Innovate, which collectively form the life cycle of transportation in general and ITS in particular.

To help us in our task, leaders from our four host organizations will share their vision on various aspects of the puzzle. The Plan track presents ways to integrate ITS into the mainstream planning process, but recognizes the special nature of the high tech side of transportation. Implement deals with the special challenges of system integration—much more complicated than asphalt and concrete, and even complex structures. Manage ensures effective system operations and maintenance and traffic management; and we are expanding our traditional role to embrace our public safety partners in a special panel on coordinated emergency response. Innovate is what keeps the pieces ever changing, ever improving. The 800 pound gorilla in that china closet is vehicle infrastructure integration, or VII. We have both a technical session and a plenary forum on VII.

Transpo2008 is more than technical sessions. The conference brings you approximately 40+ exhibitors displaying innovative products and services aimed at improving ITS. Spend as much time in the exhibition hall as you can; you’ll learn a great deal about improving your transportation system and operations.

Finally, I would be remiss not to offer special heartfelt thanks to all the volunteers who contributed so much time and energy to the Steering, Program, Promotions, and Local Arrangements Committees, and all other volunteers who have assisted. This conference cannot be a success without your tremendous efforts.
Welcome Reception
When: Monday, September 22, 6:00 – 7:30 p.m.
Where: Exhibit Hall
Start off your Transpo2008 activities at the Welcoming Reception. Meet your fellow attendees and enjoy hors d’oeuvres and refreshments. Get a head start on meeting our exhibitors.

Welcome and Kick-off Opening Session
When: Tuesday, September 23, 8:00 – 9:00 a.m.
Moderator: Dr. Charles E. Wallace, Telvent Farradyne, Inc.
Transpo2008 opens with a bang, with greetings from the two host association leaders. ITE International President (to be), Ken Voigt will present "The Importance of ITS on Travel Sustainability" ITS America President and CEO, Scott Becher will present "The State of ITS America. Transportation Reauthorization, and the Waning Days of the Bush Administration."

Transpo2008 Reception
When: Tuesday, September 23, 5:00 – 6:00 p.m.
Where: Exhibit Hall
Come meet the members of the transportation industry at the official Transpo2008 reception. Exhibitors will be at their booths to show their latest products and services. Refreshments will be served.

Transpo2008 Reception & Awards Banquet
When: Wednesday, September 24
Reception at 6:00 p.m.
Ceremony/Dinner at 7:00 p.m.
Where: Grand Ballroom D/E
Emcee: David Muntean, PE, Kimley-Horn and Associates, Inc.
ITS Florida and the Florida Section of ITE will present their annual awards to worthy recipients. Come meet some of the top professionals in the business and learn about key transportation projects in 2008.

Administrator’s Session
When: Thursday September 25, 11:00 - 11:30 a.m.
Where: Grand Ballroom D/E
Moderator: Daniel Beatty, AICP PBS&J
Federal Highway Administration Assistant Florida Division Administrator. James Christian, will offer “Transportation Reauthorization Remarks.” This is a topic of interest to all in this age of declining trust fund revenues at all levels.

Closing Session
When: Thursday September 25, 11:30 a.m. - 12:00 p.m.
Where: Grand Ballroom D/E
Moderator: Anita Vandervalk, Cambridge Systematics, Inc.
Ketnote
Speaker: FDOT Secretary Kopelousos (Invited)
We are pleased to have the keynote presentation given by Florida Department of Transportation Secretary Stephanie Kopelousos. Her address will be "Future Direction for the Florida Department of Transportation.”

Vehicle Infrastructure Integration Forum
When: Thursday, September 25, 9:00 - 10:45 a.m.
Where: Grand Ballroom D/E
Moderator: George Gilhooley, PE, HNTB
With the Proof of Concept testing nearing completion, Mike Shagrin (USDOT), Dave Henry (Chrysler), Quinn Jacobson (Nokia), and Elizabeth Birriel (FDOT) will discuss the future of the Vehicle Infrastructure Integration Program.

Wake Up!
Come join your friends and other professionals for a continental breakfast on Tuesday and Wednesday in the Exhibit Hall at 7:00 a.m. and Thursday in the Prefunction Area at 8:00 a.m.

Don’t miss this time to get a head start on the day!
Transpo2008 Golf Tournament
When: Monday, September 22
Transpo2008 would like to thank our major golf sponsors whose generous contributions made this memorable event at Shingle Creek Golf Course possible: TransCore, MG Squared Innovative Technologies, and Control Technologies. Individual Hole sponsors include: Transportation Control Systems and Control Technologies. Golf awards will be presented at the luncheon from 1:00 to 2:00 p.m.

FSITE Board Meeting
When: Tuesday, September 23, 6:00 - 8:00 p.m.
Where: Salon 5/6
The FSITE Board Meeting is open to all FSITE members.

FSITE Student Poster Session
When: Wednesday, September 24, 9:30 a.m. - 12:30 p.m.
Where: Outside of the Exhibit Hall
The students of the Florida Section of ITE will be presenting technical papers in a poster format for review by the FSITE. This will give both the students and professionals the opportunity to discuss our profession and get to know one another. The winner will be announced at the Transpo2008 Reception and Awards Banquet Wednesday night.

Regional Transportation Management Center Tours
FLORIDA'S TURNPIKE ENTERPRISE
When: Wednesday, September 24, 9:30 a.m. - 12:30 p.m.
DISTRICT FIVE
When: Wednesday, September 24, 12:30 - 3:00 p.m.
Fee: $25 per tour (includes transportation)
Participants will see firsthand the epicenters of these multi-million dollar ITS networks. These RTMCs are the central hubs of their respective networks: the location where the key softwares are utilized to monitor the thousands of devices deployed by the Florida Department of Transportation along the state's roadways.

ITE-District 10 and FSITE Business Meeting
When: Wednesday, September 24, 4:00 - 4:30 p.m.
Where: Salon 5/6
This is the annual business meeting for Florida Section ITE.

Florida Urban Traffic Engineers Council (FLUTEC)
When: Wednesday, September 24, 4:30 – 5:30 p.m.
Where: Salon 5/6
FLUTEC will discuss items of interest to traffic engineers.

Florida Planning Council (FLPLAN)
When: Wednesday, September 24, 4:30 – 5:30 p.m.
Where: Salon 7/8
FLPLAN will discuss items of interest to transportation planners.

Vehicle Infrastructure Integration
When: Wednesday, September 24, 9:00 - 12:45 p.m.
Where: Grand Ballroom D/E
Moderator: George Gilhooley, PE, HNTB
Panelists: Mike Shegin, USDOT
Dave Henry, Chrysler
Quinn Jacobson, Nokia
Elizabeth Birivi, FDOT
Administrator's Session
When: Wednesday, September 24, 11:00 - 11:30 a.m.
Where: Grand Ballroom D/E
Moderator: Daniel Beaty, AICP, PBS&J
Speaker: James Christian, FHWA
Topic: Transportation Reauthorization Remarks
Closing Session
When: Wednesday, September 24, 11:30 a.m. - 12:00 p.m.
Where: Grand Ballroom D/E
Moderator: Anita Vandervalk, Cambridge Systematics, Inc.
Speaker: FDOT Secretary Kopolious (Invited)

Administrator's Session
Track 1 - Plan
Finding the Right Pieces
When we think of ITS, our thoughts tend to turn to the technology or systems that have been implemented.
But, how did we get there?
Well, we had a good PLAN. Discussions—from data collection to strategic initiatives—are complemented by topics on the tools we use and best practices to follow. This track is meant to provide attendees with a look at the upfront work that goes into the ITS process as a foundation for the puzzle to build upon.

Track 2 - Implement
Making the Pieces Fit
So you have a good plan...now what?
This track is meant to provide the attendees with a look at how these plans are brought to fruition. Procurement processes and safety initiatives are one step, followed by implementation on the street and at the TMC.
Hear about success stories and lessons learned.

Track 3 - Manage
Keeping the Pieces Together
Now your plan is built...who is going to take care of it and how?
Performance monitoring and reporting as well as program management and program development to support that management can be used to guide future plans.
This track is intended to give attendees an idea of how the implemented plan is being held together and performing.

Track 4 - Innovate
Building a Better Puzzle
What does the future hold?
In this track, attendees will get a first glimpse at some developing software/technology or, in some sessions, an update on how existing technology is being improved.
Each year our puzzle gets bigger and better and these advances need to be harnessed to provide better information to agencies and the motoring public.
Technical Sessions

Track 1 — Plan

Salon 3/6

Data Collection and Practical Uses
Moderator: James Reynolds, PE, Telvent Farradyne, Inc.

Utilizing Underwater Capability with Norsafe Barrier Systems: System Planning and Project Analysis — Jamie Stobie, Reynold, Smith and Hills, Inc.

Design-Bid-Build vs. Design-Build/ITS Deployment Projects: Lessons Learned — Paul K. Knutti, Florida's Turnpike Enterprise

Cost Effectively Acquiring an A-TMS — Sara Calhoun, PBS&J

Making It Happen with the Local Agency Program — Roosevelt Petithomme, Florida DOT

Alligator Alley Safety Barrier Cable System — Steve Balter, PE, HNTB

Procurement
Moderator: Walter Kraft, D.EngSc, PE, Enq-Wong, Taub & Associates

Design-Bid-Build vs. Design-Build/ITS Deployment Projects: Lessons Learned — Juan Kothery, Florida’s Turnpike Enterprise

Cost Effectively Acquiring an A-TMS — Sara Calhoun, PBS&J

Making It Happen with the Local Agency Program — Roosevelt Petithomme, Florida DOT

Performance Monitoring and Reporting
Moderator: Walter Kraft, D.EngSc, PE, Enq-Wong, Taub & Associates

Improving Broward County Rail/Highway Grade Crossings Through ITS — Christina Flores, PE, VAMS

Effectiveness of Camera-based Backing Crash Avoidance Systems for Motor Carriers — Dr. Pei-Sung Lin, PE, PTOE, CUTR - University of South Florida

Red Light Running — Solutions

Safety
Moderator: Walter Kraft, D.EngSc, PE, Enq-Wong, Taub & Associates

Sustainable Transition from Planning Analysis to Operations Analysis to Visualization — Dr. Scott Washburn, University of Florida

Data Handling in ITS Applications – Ken Conrace, University of Florida

SunGuide™ Data Reporting System — David Chang, PTOE and Khue Ngo, PBS&J and Trey Tillander, PE, FDOT

Performance Monitoring and Reporting
Moderator: Walter Kraft, PE, Southwest Research Institute

Data Handling in ITS Applications – Ken Conrace, University of Florida

SunGuide™ Data Reporting System — David Chang, PTOE and Khue Ngo, PBS&J and Trey Tillander, PE, FDOT

Software
Moderator: Daniel Beatty, AICP, PBS&J

Planning Tools
Moderator: Daniel Beatty, AICP, PBS&J

Justification and Fine Tuning the Design of Managed Lanes Using Microsimulation to Access Freeway Operations: The 95 Express Experience in South Florida — David Stroud, Reynold, Smith and Hills, Inc. and Debra Rivera, PE, FDOT

Switch Planning Tool for the Evaluation of ITS within the FDOT Modeling Environment — Mohammad R. Kafi, Florida International University and Vidya Mysore, FDOT


Nevada Governor to Create ITS

Transport
Moderator: Jeff Arey, PE, Reynolds, Smith and Hills, Inc.


BRT — What is it and What’s Happening in the US — Dennis Hines, CUTR/TransCore

Low Cost Solutions for a TMC — Jingbin Li and Bill Welch, City of Boca Raton

Coordinated Emergency Response Panel
Moderator: Charles E. Wallace, Telvent Farradyne Inc.

Performance Measures in Florida — Elizabeth Birriel, PE, FDOT

Performance Measures for the Hudson Valley TMC — Walter Kraft, D.EngSc, PE, Enq-Wong, Taub & Associates

Standards and Specifications — Ron Meyer, PBS&J

Traffic Signal System Maintenance and Operations LOS Study — Tahira Faquir, PE, VAMS

Regional Program Management
Moderator: Kenneth Voorhies, Cambridge Systematics, Inc.

RTMC Staffing Issues and Solutions — Tim Garrett, PE, HNTB

Road Ranger Benefits, Issues and Communications — Patrick Odom, FDOT

ITS Maintenance — Lessons Learned — Stephanie Kolb, TransCore

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Standards and Specifications — Ron Meyer, PBS&J

Traffic Signal System Maintenance and Operations LOS Study — Tahira Faquir, PE, VAMS

The Florida Next Generation Advanced Traveler Information System — Erik Gaarder, Sachin Rai, CUTR - University of South Florida

Lessons Learned — Stephanie Kolb, TransCore

Georgia’s ITS Strategic Deployment Plan — Andy Phlegar, PBS&J and Hugh Colton, Georgia DOT

Georgia’s ITS Strategic Deployment Plan — Andy Phlegan, PBS&J and Hugh Colton, Georgia DOT

Technical Session 2 — Wisconsin’s Evaluation of Operations Strategies
Tuesday, September 23
Wednesday, September 24

Traveler Information
Moderator: Peter Vega, PE, FDOT

Implementing MUTCD Graphics on Dynamic Message Signs — Tom Becker, DOTEktronix

Time Shift – More Than Just Traffic Time — Jennifer Heeler, FDOT

Florida’s Next Generation Advanced Traveler Information System — Erik Gaarder, MPA, PBS&J

Travel Information
Moderator: Peter Vega, PE, FDOT

Implementing MUTCD Graphics on Dynamic Message Signs — Tom Becker, DOTEktronix

Time Shift – More Than Just Traffic Time — Jennifer Heeler, FDOT

Florida’s Next Generation Advanced Traveler Information System — Erik Gaarder, MPA, PBS&J

Freeway Operations
Moderator: Frank Deasy, PE, PTOE, Telvent Farradyne Inc.

Ramp Metering for Maximizing Freeway Throughput — Dr. Lily Elefteriadou, Harris

Putting the Pieces Together to Make it Work — Peter Vega, David Cash, Chief — Polk County Fire Rescue

Cpt. Keith Gaston — Florida Highway Patrol, Commander, Jacksonville Joint Coordinated Emergency Response Panel

IT-10/I-110 FMS & RTMC Projects in Escambia and Santa Rosa Counties — Elizabeth Bitting, TransCore ITS

Low Cost Solutions for a TMC — Jingbin Li and Bill Welch, City of Boca Raton

What’s Next
Moderator: George Gilhooly, PE, HNTB

Areas Where We Need to Innovate

Sachin Rai, CUTR - University of South Florida

John Goodwin, FDOT District 4

Peter Vega, PE, FDOT District 2

Dr. Eismann Radewan, University of Central Florida

Regional Program Management
Moderator: Kenneth Voorhies, Cambridge Systematics, Inc.

RTMC Staffing Issues and Solutions — Tim Garrett, PE, HNTB

Road Ranger Benefits, Issues and Communications — Patrick Odom, FDOT

ITS Maintenance — Lessons Learned — Stephanie Kolb, TransCore

Regional Program Management
Moderator: Kenneth Voorhies, Cambridge Systematics, Inc.

RTMC Staffing Issues and Solutions — Tim Garrett, PE, HNTB

Road Ranger Benefits, Issues and Communications — Patrick Odom, FDOT

ITS Maintenance — Lessons Learned — Stephanie Kolb, TransCore

State of the Practice
Moderator: Anita Vandervank, Cambridge Systematics, Inc.

Integrating Management and Operations to the LRTP — Eric Hill, MetroPlan


Transportation System Management and Operations Task Team — Hesham Ab, PE, FDOT

On the Street
Moderator: Jeff Arey, PE, Reynolds, Smith and Hills, Inc.

95 Express Lanes — Delores Rivera, PE, FDOT

The Main and Ponce de Leon Avenue ATMS — Cecil Keesee, CFP, Kimley-Horn and Associates

I-595 Express Lanes Using SunGuide™ Software — Tracy Tillander, PE, FDOT and Robert Heiler, Southwest Research Institute

Program Development and Implementation
Moderator: Steve Balter, PE, HNTB

Raising Awareness of 511 in Florida — Vicky Misson, APR Global 5

Communications Development of MOT Training Program for Incident Responders in Florida — Dr. Pei-Sung Lin, PE, PTOE, CUTR - University of South Florida

Integrating ITS Projects Within an ITS DSM Framework — Dr. Bob Edelman, DMIN Harris/ARCION

Advanced Technologies
Moderator: Frank Deasy, PE, PTOE, Telvent Farradyne Inc.

How Large Scale In-Vehicle Technology Deployments Can Improve Driver Behavior — Dan Steere, GreenRoad Technologies

Californian’s Connected Traveler Project — Quinn Jacobson, NIKACS-Life Evaluation in Florida — Eddie Curtis, PE, FHWA

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