Vehicle Infrastructure Workshop

In November the FHWA held a workshop to begin the process of identifying “research” needs for one of their nine new ITS initiatives (see http://www.its.dot.gov/initiatives/initiatives.htm for a description of the initiatives).

The U.S. DOT assembled a group of operating agencies and researchers to develop a list of research and deployment needs for the Vehicle Infrastructure Integration (VII) initiative. The goal of this initiative is to “achieve nationwide deployment of a communications infrastructure on the roadways and in all production vehicles and to enable a number of key safety and operational services that would take advantage of this capability”. Basically this means DSRC communications devices in all vehicles communicating with the infrastructure and with each other.

The workshop focused on arterial management including traffic signal operations, traveler information, arterial incident management, and system-wide management. Other groups will provide input in separate workshops. Here are the top ten topics identified from this workshop.

1. Migration Strategy — How to use VII infrastructure and data with existing traffic signal equipment.
2. Corridor management — How will this technology impact operations, incident management, and diversion strategies.
3. Identify new signal optimization and control strategies using VII data.
4. Data management issues and data requirements for new applications.
5. Develop new or redefine existing performance measures.
7. Can VII data eliminate the need for point detection?
8. How and what information should be given to travelers?
9. Trip and demand management.
10. Using VII data to market transportation management to decision-makers.

Ed’s Notes

Have a happy holiday over our winter break. Come back refreshed and ready to take on the challenges of the new year.

This has been another successful year at TTI. We all have a lot of reason to be thankful and proud of our accomplishments.

Thank you.

Ed
Birthdays

Dec 02  David Fenno
Dec 03  Jeremy Johnson
Dec 06  Kandis Salazar
Dec 07  Debbie Jasek
Dec 12  Adam Pike
Dec 14  David Rickerson
Dec 15  Cliff Franklin
Dec 15  Anthony Voigt
Dec 16  Jodi Carson
Dec 26  LuAnn Theiss
Dec 30  Todd Hausman

Dec 30  Bryan Heiner
Dec 30  Lane Roberts
Jan  01  Ed Seymour
Jan  04  Adam Chodkiewicz
Jan  08  Bhavin Shah
Jan  17  Edward Brackin
Jan  18  Ravi Agrawal
Jan  19  Melisa Finley
Jan  20  Michael Vickich
Jan  30  Denise Robledo

Congratulations - Kudos and Welcome

Congratulations to Liz Perez on reaching 15 years of service with TTI.

Kudos to Paul Carlson who ran the NYC marathon on Nov 7 with over 36,000 runners. Paul ran through New York’s five boroughs (Staten Island, Brooklyn, Bronx, Queens, and Manhattan) which provided ample time to study the different uses of traffic control devices along the route.

Isabela Ghigiu and Zachery Howard joined the TTI TransGuide Office in San Antonio as student workers. Isabela is majoring in Computer Science at UTSA and Zach is majoring in Geography with a focus on GIS at Texas State University. Welcome Isabela and Zach!!!

On the Road Again

Kevin Balke attended the ITS Texas Annual meeting held Nov 17-19th at the Doral Tesoro Hotel & Golf Club in Fort Worth, TX. This completed his year as ITS Texas President.


Gary Thomas traveled to Atlanta, GA to teach ITS Standards Overview course, Nov 17th. He also was in Washington, DC to coordinate the TMIP Review Panel Meeting, Nov 29-30.

Cesar Quiroga attended the Damage Prevention Conference in Gravevine, TX (Dec. 1 - 2), where he gave an invited presentation on the generation and GIS retention of utility record data within the roadway right-of-way.
DECEMBER 2004

Calendar Highlight

• TTI Day; Dec 8, 2004; Brazos Center, Bryan, TX
• Hanukkah; Dec 8
• Winter Break; Dec 24, 2004 - Dec 31, 2004
• Kwanzaa begins; Dec 26

Save the Date

• Annual TRB Meeting; Jan 9-13, 2005; Washington DC
• Martin Luther King, Jr. Holiday, January 17, 2005
• TexITe, Feb 3-5, 2005; Waco
• ITS America Annual Meeting and Exhibition; May 2-4, 2005; Phoenix, AZ

TRB Practice Presentations Schedule

The following practice presentations dates have been scheduled for December. Everyone is welcome and encouraged to attend. All PowerPoint sessions will begin at 12:00 noon. Posters will be reviewed immediately following the PowerPoint presentations at approximately 1:30. An email listing those giving the presentations was distributed November 24th.

Friday, December 10, Room 217 CE/TTI
Thursday, December 16, Room 102 Gilchrist
Monday, December 13, Room 217 CE/TTI
Tuesday, December 21, Room 217 CE/TTI
Wednesday, December 15, Room 102 Gilchrist

Texas Transportation Institute

TOG’s Mission
To facilitate innovations in transportation system operations through leadership in research, education and technology transfer.