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MESSAGE FROM THE PRESIDENT

BY GARY JOST, TEAL ENGINEERING SERVICES

As fall approaches and the long hot days of summer start to disappear in our rear view mirror, we look forward cooler weather, football, and the ITS Texas Annual Meeting. This year’s meeting will be held October 24th thru 26th at the Double Tree Hotel in Dallas. This year’s theme “**Back to the Present**” focuses on current ITS projects and programs in Texas and will provide you the opportunity for training, hearing about what is going on around the state, visiting with other ITS professionals, and viewing the latest products offered by our exhibitors. Our ITS Texas Board has been working very hard to put together an outstanding program for the meeting and I encourage each of you to visit our website and review the preliminary meeting.

ITS Texas is all about you, our members, and we are continuously looking for ways to improve our organization. Your input to the effort is very valuable so please do not hesitate to contact any of the board members with your ideas on how

we can better serve you. We are especially looking for ways to propagate ITS Texas services to a more local level, improve our training programs, and increase participation in our annual meeting.

As always, there are always many individuals and groups involved in making sure that our annual meeting is a huge success. These include the ITS Texas Board Members, exhibitors, presenters, trainers, TTI Event Services, and You. I would like to say a big thanks to all involved and offer my appreciation for your efforts.

The 2012 Annual Meeting will mark the end of my tenure as the President of ITS Texas. Serving on the Board has been a pleasurable and rewarding experience and I thank you for the opportunity. I encourage each of you to consider becoming an ITS Texas Board member. You won’t regret it. See you at the annual meeting. - Gary Jost

2012 ANNUAL MEETING UPDATE

REGISTRATION NOW OPEN!

The 2012 ITS Texas annual meeting will be held at the [DoubleTree Hotel near the Dallas Galleria](#). At last year's event, we looked at what ITS may be for the future. This year, our theme has us returning **BACK TO THE PRESENT** to look at what we're doing now in the world of ITS to better operate our transportation system. We have a great set of presenters, and the facilities are exceptional. We hope you will come and join in on the discussion!



HIGHLIGHTS OF THE UPCOMING ANNUAL MEETING

- Wednesday
 - ◆ USDOT Training on Systems Engineering for ITS Professionals
 - ◆ DalTrans Traffic Management Center Tour
- Thursday
 - ◆ Kickoff the conference with 7 jam packed sessions
 - ◆ Reception that evening
- Friday
 - ◆ Final day with 4 great sessions including Ethics.
 - ◆ Business & Awards Lunch

ANNUAL MEETING COSTS

- **REGISTRATION** (includes meals and breaks as identified in the schedule of events)
 - ◆ Member - \$210
 - ◆ Non-Member - \$275
 - ◆ On-Site (member/non-member) - \$300
 - ◆ Student - \$25
 - ◆
- **TRAINING**
 - ◆ ITS Texas Member Rate - \$50
 - ◆ Non-Member Rate - \$75
- **EXHIBITORS** (includes exhibit hall space with 2 booth representatives)
 - ◆ 8' x 6' space - \$590
 - ◆ 10' x 10' space - \$850
- **SPONSORSHIPS**
 - ◆ Available! [See here for details](#)
- **HOTEL PRICES – DoubleTree Galleria**
 - ◆ FY 2013 Government Rate*: \$123 (Use Group code: TXT)
*Government ID will be required at check-in
 - ◆ Non-Government Rate: \$139 (Use Group code: TPT)

TECHNICAL SESSIONS

Session1: Opening Session

The opening session will summarize ITS programs on a federal, state and regional level and how current legislation and polices impact ITS in Texas.

Session 2A: ATMS

As the early deployments of ITS along the freeway systems reaches its maturity, the focus is now shifting to the deployment of ITS devices along arterial roadways. This session will cover examples of how ITS is being used on city streets.

Session 2B: Incident Management

A significant percentage of congestion on our highways can be attributed to events such as

crashes, stalls, road debris, and construction. Incident management is increasingly seen as a cost-effective approach to alleviating this component of congestion and maintaining the operations of our roads. While billions of dollars can be spent to construct a multilane freeway, a single incident can potentially render that investment worthless for several hours, disrupting the commute and impeding the flow of goods. This session will focus on the implementation of incident management programs and the use of ITS to help detect, clear, and even prevent these incidents and help maintain the flow of traffic on our roadways.

Time	Wed, 10/24/2012	Thur, 10/25/2012	Fri, 10/26/2012		
7:30 AM	REGISTRATION	REGISTRATION Exhibit Hall Open	Continental Breakfast in Exhibit Hall		
8:00 AM			Continental Breakfast in Exhibit Hall		
8:30 AM			OPENING SESSION - ITS: BACK TO THE PRESENT	SESSION 5A Tolling/ Concessionaire Projects	
9:00 AM				SESSION 5B DAVE'S ITS POTPOURRI	
9:30 AM			Training	Sponsored Break	Sponsored Break
10:00 AM					
10:30 AM			SESSION 2A ATMS	Session 2B INCIDENT MANAGEMENT	SESSION 6B V2V AND V2I IMPLEMENTATION
11:00 AM			REGISTRATION	REGISTRATION Exhibit Hall Open	SESSION 6A PROFESSIONAL PRACTICE UPDATE / ETHICS
11:30 AM					Business and Awards Luncheon
12:00 PM			REGISTRATION	REGISTRATION Exhibit Hall Open	REGISTRATION Exhibit Hall Open
12:30 PM	Kick-Off Luncheon: Keynote Speaker				
1:00 PM	SESSION 3A ITS PROJECTS I	SESSION 3B MASS TRANSIT			
1:30 PM					
2:00 PM	Sponsored Break				
2:30 PM	SESSION 4A TECHNOLOGY and ITS PROJECTS II	SESSION 4B ITS DATA and RESEARCH			
3:00 PM	Sponsored Break				
3:30 PM	VENDOR RECEPTION Sponsored by TEAL Engineering Services, Inc.				
4:00 PM					
4:30 PM					
5:00 PM					
5:30 PM					
6:00 PM					
6:30 PM					
7:00 PM					
7:30 PM					
8:00 PM					

Kick-Off Luncheon

Keynote Speaker - Dennis L. Christiansen - Agency Director of the Texas Transportation Institute (TTI)

Session 3A: ITS Projects I

This session will cover ITS Project information from around the State that will include general scope and size, timelines, equipment needs, and expectations for ITS Projects that are planned or currently in the design/construction stages.

Session 3B: Mass Transit

The Mass Transit session will cover ITS related curriculum on projects, and project expansion plans for Houston Metro, DART, CMTA and VIA. Additionally, there will be some discussion regarding future implementation of rail services between Austin and San Antonio.

Session 4A: Technology and ITS Projects II

In today's world, ITS has become mainstream for many of the major metropolitan areas of the country. So the big question is what is the next latest and greatest technology coming that will elevate ITS to a level that it has not seen before. This session will discuss the up and coming (sooner than you think) technologies that will play a role in evolving ITS to the next level.

Session 4B: ITS Data and Research

Deployment of ITS infrastructure is only half the story. This session will explore how various types and sources of ITS data are being used to operate our transportation systems smarter and more efficiently and enabling assessment of their performance in quantitative terms.

Session 5A: Tolling/Concessionaire Projects

This session will discuss some of the large tolling/concessionaire projects currently being constructed in Texas with an emphasis on construction activities and operational plans for the various facilities.

Session 5B: Dave's ITS Potpourri

This session will be a catch-all for presentations that don't exactly fit in our scheduled sessions.

Session 6A: V2V and V2I Implementations Session

As 2013 approaches, the USDOT is working to provide the National Highway Traffic Safety Administration (NHTSA) with sufficient Vehicle to Vehicle (V2V) data that will be utilized as NHTSA determines whether to move forward with the rule making that ultimately will require a Connected Vehicle device in all light vehicles. Currently, there are several research efforts that are ongoing across the country and internationally with the largest and most important being the Safety Pilot Model Deployment that is being implemented in the Detroit/Ann Arbor area. This session will explore some of the ongoing research projects to provide a perspective into where the technology and applications are today and where they are headed.

Session 6B: Professional Practice Update / Ethics

Texas Board of Professional Engineers – Professional Practice Update / Ethics: Updates on Board rule changes within the last year, general updates on initiatives the Board is working on, information on enforcement statistics, and the engineering Code of Conduct.

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ANNUAL TRAINING – SYSTEMS ENGINEERING FOR ITS PROFESSIONALS

US DOT and ITS Texas are offering a one-day course for ITS professionals to learn about systems engineering, moving from general concepts to the specifics of how systems engineering is being used for actual transportation projects. An understanding of how systems engineering can be applied to their ITS project delivery process will be provided in the course. This course will cover the benefits of using systems engineering, and how to satisfy the Federal requirements for systems engineering as documented in Rule 940.11. The Systems Engineering for Intelligent Transportation Systems Handbook will be used as a primary reference for this course. Delivered in an interactive workshop format, the course will provide the information needed to apply the general systems engineering guidance from this handbook to the project delivery process.

The training class is scheduled for Wednesday, October 24, preceding the 2012 ITS Texas Annual Meeting. [Click here to see the Flyer](#) with more detailed information

Date: October 24, 2012 in Dallas, Texas, 9:00 am - 5:00 pm

Location: DoubleTree by Hilton Hotel, near the Galleria
 4099 Valley View Lane, Dallas, Texas 75244

Cost:

\$50 for ITS Texas members

\$75 for non-members

CALL FOR AWARD NOMINATIONS FOR 2012 ANNUAL MEETING

ITS Texas invites you to submit nominations for the ITS Texas Annual Awards Program. The awards program was created to recognize individual(s) or group(s) (e.g., a city, agency or company) for a project or other contribution in the fields of ITS policy, planning, design, deployment, research or education.

The nomination should identify the individual(s) or group(s) being nominated (name(s) and agency or agencies), and should describe the unique innovation, distinctive service or outstanding leadership making the nominee(s) worthy of statewide recognition. You are

encouraged to keep nominations brief (200 words or less).

The Awards Committee will evaluate all nominations and select award winners. Submission of a nomination is not a guarantee of selection.

Awards will be presented at the ITS Texas Annual Meeting in Dallas, Texas at the Business and Awards Lunch on Friday, October 26, 2012.

Please submit all nominations to Gary Jost at gary.jost@tealeng.com no later than October 12, 2012.

EXHIBITOR AND SPONSORSHIP OPPORTUNITIES AVAILABLE

Exhibitor space is running out, and there are still Sponsorship opportunities available for the ITS Texas Conference! The Annual Meeting will provide a great opportunity for your company to showcase your products and services to attending agencies. The following spaces will be available for your use:

Six-foot Tabletop Exhibit Space - \$590

- One (6' wide x 8' deep) space
- One draped and skirted 6' table
- Two chairs
- One wastebasket
- One 110V electrical outlet*
- Full access admission for two (2) representatives**
- Admission to all meals provided to conference attendees.

10-foot Vendor Pop-up Exhibit Space - \$850

- One (8' wide x 10' deep) space
- One draped and skirted 6' table
- Two chairs
- One wastebasket
- One 110V electrical outlet*
- Full access admission for two (2) representatives**
- Admission to all meals provided to conference attendees.

The following vendors are currently registered:

- Activu
- ADDCO, LLC.
- American Signal Company
- Axis Communications
- Champion Fiberglass, Inc.
- Consolidated Traffic Controls, Inc.
- Iteris
- LeddarTech USA
- MaxCell
- Meridian Technologies
- Paradigm Traffic Systems (2 booths)
- RuggedCom, Inc.

- Control Technologies, Inc.
- Daktronics
- Digital Traffic Systems
- Dynamic Vision Co. Inc.
- Endeavor Concepts, LLC
- EtherWAN Systems
- FLIR Systems
- High Sierra Electronics, Inc.
- Sensys Networks, Inc.
- SES America
- Skyline Products, Inc.
- TechOneSales LLC
- Teleste
- Texas Highway Products, LTD. (2 booths)
- Trafficware
- Twincrest Technologies

There are also several great opportunities to register as a sponsor of the annual meeting. For more information about sponsorship opportunities, please visit the [Sponsorship Page](#) on the ITS Texas site.

For more information on being an exhibitor or a sponsor of the conference, please either visit the Conference Registration Website at <http://tti.tamu.edu/conferences/its12> or contact Jordan Bertling at 979-862-1219 or j-bertling@ttimail.tamu.edu. There are a limited number of the exhibit spaces available. Booths are available on a first-come, first-paid basis.

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2012 CALL FOR ITS TEXAS SCHOLARSHIPS

ITS Texas is pleased to announce the availability of a (non-renewable) scholarship for one academic year. Multiple recipients may be chosen at the discretion of the selection committee based on qualifications. The scholarship, valued at **\$1,000 per recipient**, is to

assist in obtaining a graduate degree (Masters or Ph.D.) program in any ITS-related field, e.g., transportation engineering, electrical engineering, systems engineering, etc. from a college or university in the State of Texas.

A link to the application can be found [here](#).

Selection criteria will be based on academic ability, stated career objectives, and supporting letters of reference. To be eligible, candidates must be living in the state and registered as full-time students in a graduate studies program at a college or university in the State of Texas. This is what you will need:

1. Transcript showing previous courses;
2. Proposed list of courses anticipated for graduate degree;
3. Evidence of acceptance, or probable acceptance, for study in a graduate program at a university in the State of Texas;
4. Résumé describing work experience, participation in professional and/or student chapters of relevant associations, awards, etc.;
5. An essay of no more than 300 words indicating career objectives and particular interests in ITS;

6. Two letters of reference to be sent directly to the ITS Texas Selection Committee. References should be confidential assessments of the candidate's academic ability and record, research ability or potential, professional experience, commitment to career, and any other personal attributes, which indicate that the candidate is worthy of an award

Applications must be complete and received no later than **October 12, 2012**.

To apply, please send your application to:

ITS Texas Selection Committee
C/O Gary Jost, P.E.
TEAL Engineering Services, Inc.
2000 Denison Street, Suite 103
Denton, TX 76201
or email gary.jost@tealeng.com

Questions, please contact Gary Jost via email at gary.jost@tealeng.com.

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2012 SUMMER TRAINING – ACTIVE TRANSPORTATION & DEMAND MANAGEMENT WORKSHOP

BY JEFF KAUFMAN, HOUSTON-GALVESTON AREA COUNCIL



ITS Texas held its 2012 Summer Training on Active Transportation and Demand Management (ATDM) on June 27, 2012 at the Houston-Galveston Area Council in Houston. The training, which was sponsored by FHWA and developed by the Battelle Group, brought in 45 attendees from across the state. Active Transportation and Demand Management (ATDM) is the dynamic management, control, and influence of travel demand, traffic demand, and traffic flow of transportation facilities. Through the use of available tools and assets, traffic flow is managed and traveler behavior is influenced in real-time to achieve

operational objectives, such as preventing or delaying breakdown conditions, improving safety, reducing emissions, or maximizing system efficiency. Under an ATDM approach the transportation system is continuously monitored. Using archived data and/or predictive methods, actions are performed in real-time to achieve or maintain system performance.

Greg Jones from the FHWA Resource Center gave an overview on ATDM, while Vinh Dang from WSDOT provided a peer experience on ATDM activities occurring in Washington State. In addition, TTI staff gave overviews on specific strategies including Dynamic Ridesharing, Dynamic Pricing, On-Demand Transit, and Predictive Traveler Information.

To highlight local efforts, several presentations from Texas implementers were given discussing ATDM efforts throughout the State including:

- Houston efforts through the TranStar partnership
- Integrated Corridor Management activities in Dallas
- Bus Rapid Transit and Alternative Routing activities in San Antonio
- Austin's use of Dynamic Lane Control, Speed Limits, and Queue Warning



ITS Texas would like to thank FHWA and the Battelle Group for putting on a very informative session on the benefits of Active Transportation and Demand Management. Feedback for the workshop was very positive, and ITS Texas looks forward to providing another summer training for 2013.



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ITS TEXAS ON THE WEB

Have you visited the ITS Texas Web recently? Located at <http://www.itstexas.org>, the website is your source of information for what's going on in your state chapter. We are always working to improve the website and make it a source of information for you. Here are just a few highlights of the website.

[2012 membership application](#) – The membership application form is electronic and accepts credit card payments. Checks can also still be mailed in. If you become a member, you receive discounted rates at the annual meeting and ITS Texas training.

[The 2012 membership list](#) is on-line. You can use this list to check your membership status prior to registering for the annual conference, to make sure you get the best rate. The list is dynamic and pulls directly from our membership database. As soon as it is updated,

the on-line list is updated. You can also access the list under the membership section.

[2012 ITS Texas Annual Meeting](#) – Your one stop information place for all things “annual meeting”. Learn more about the hotel, sessions, speakers, and tours, vendors and more. Do you have a topic you'd like to speak on next year? Use the contact information on the page and let us know!

[Student chapters of ITS Texas](#) Visit this section to learn more about the student chapters of ITS Texas, links to their website, their annual report, and requirements for starting a student chapter at your school!

Updates to the web site. – Did you know that all major information updates to the website are listed on the [home page](#)? You can visit the site

and see at a glance if there's new information that you'd like to read.

ITS Texas also publishes update information via the RSS feed. Do you know what RSS is? If not, it stands for Really Simple Syndication. Sometimes it is difficult to visit the home page

of every web site you are interested in. Many people use RSS feeds to "bring the news to them", using an RSS feed reader. ITS Texas also utilizes this method of distributing information and has an RSS feed available at:

<http://www.itstexas.org/its-texas-rss.xml>

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WRITE AN ARTICLE FOR THE NEWSLETTER!

The ITS Texas newsletter is a great way for you as an ITS professional to **share your projects, plans or other ITS related items with the ITS community**. If you have information concerning any ITS project within the state that you feel may be of interest to the membership, please

contact any of your ITS Texas board members. If you have an idea and are not sure of its interest go ahead and contact us and we can discuss it with you. SERIOUSLY – the membership wants to hear from YOU about completed, upcoming or ongoing ITS projects.

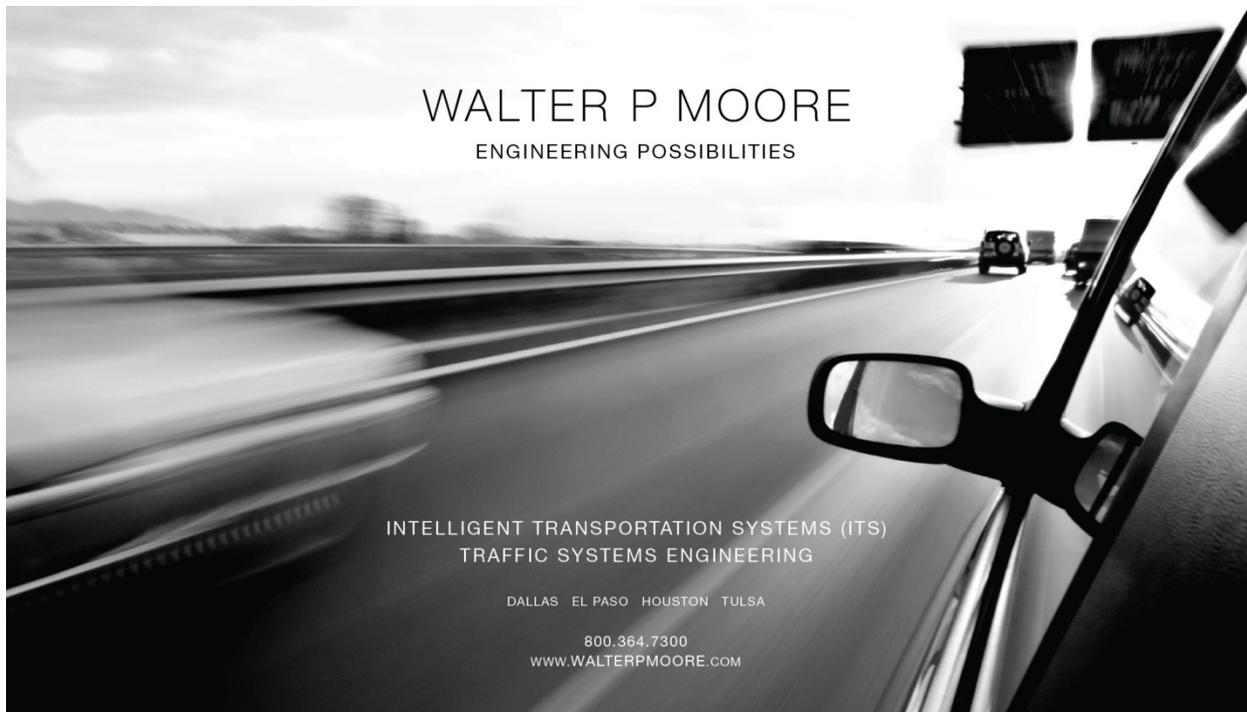
TRANSPORTATION IN THE NEWS

The following are recent news events that have occurred in the ITS and Operations arena. Please click on the story to take you to the full story:

- [ITS America Smart Solution Spotlight: Texas Receives National Transportation Award](#) (from ITS America)

- [U.S. Government Accountability Office releases Report on ITS Collaboration and Communication](#) (from the GAO)
- [ITS America conducted a Webinar about the impacts of MAP 21 on ITS \(link to PowerPoint\)](#) (from ITS America)

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YOUR 2012 ITS TEXAS BOARD OF DIRECTORS

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