

VOLUME 2

July
2011



South Texas Section
Institute of Transportation Engineers

2011 STITE Officers:

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Immediate Past President

Garry Ford, P.E., PTOE
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Committee Chairs:

Membership: Mike Garza,
Pate Engineers.

Website: Bo Zhou,
Pape-Dawson Engineers, Inc.

Nominations: Miguel Sanchez,
Arcadis

Newsletter: Derek Mueller,
Pape-Dawson Engineers, Inc.

Student Liaison & Scholarship:
Mike Garza, Pate Engineers

www.texite.org/southtexas

Section News...

Mark Your Calendar for
These Upcoming Events:

ADA Accessibility and Public Rights-of-Way Training

The ADA Training, which is co-sponsored by WTS San Antonio will take place on **August 12, 2011** from 8:30 AM to 4:00 PM at the Morgan's Wonderland Conference Center. The instructors are **Scott Lewendon**, an FHWA certified instructor for designing pedestrian facilities for accessibility and **Janet Barlow**, a certified orientation and mobility specialist. Cost is \$85 for WTS or ITE International members and \$100 for non-members. Please see the attached flyer for more details.



In this issue

SECTION NEWS

PAST MEETINGS

OFFICER NOMINATIONS

TEXITE SPRING MEETING PHOTOS

July Lunch Meeting

The next STITE lunch meeting will be held July 27 at the Club at Sonterra. Speaker Michael Trueblood will discuss "What's New in Trafficware - (Synchro 8.0)". Cost is \$20 for members and \$25 for non-members.

UPCOMING EVENTS:

ITE Annual Meeting

August 13-16, St. Louis

TexITE Fall Meeting

September 14-16, Garland

STITE Corpus Christi Meeting

October 7-8



South Texas Section
Institute of Transportation Engineers

PO BOX 790891
San Antonio, TX
78279-0891

STITE APRIL MEETING

April 26, 2011

FEATURED

SPEAKERS:



C. Mauli Agrawal, Ph.D.,
P.E., Dean UTSA, College
of Engineering

Introduction



Jose Weissmann, Ph.D., P.E.
Professor, UTSA, Civil &
Environmental Engineering

The Latest 2030 Committee Report



David Russell, II
STITE 2011 Scholarship
Winner



STITE Officers with David Russell II
and Dr. Jose Weissmann



Dr. Mauli Agrawal

The April 2011 meeting was held April, 26, 2011 at UTSA. STITE President **Rob Belarmino** started the meeting with Section and District announcements. Vice President **Mike Garza** then introduced the first speaker, **C. Mauli Agrawal**, Dean of the UTSA College of Engineering. Dr. Agrawal gave an overview of current developments within the College of Engineering including a 10-year, \$50 million partnership with CPS Energy to create the Texas Sustainable Energy Research Institute.

The next speaker, **Dr. Jose Weissmann**, gave a presentation titled "It's About Time: Investing in Transportation to Keep Texas Economically Competitive", which detailed the findings of the 2030 Committee's Report. The 2030 Committee was a panel created at the request of Governor Rick Perry to assess the state's transportation infrastructure needs through 2030.

The summary of the report stated that \$4 billion per year was needed for pavement maintenance and \$1.6 billion per year was needed for bridge maintenance.

In addition to the cost of maintenance, Dr. Weissmann spoke of the investment required to maintain or improve current congestion levels. It was estimated that it would require \$8.7 billion per year to maintain congestion levels equivalent to comparable cities and

states and \$10.8 billion per year to maintain current quality and congestion levels. The committee concluded that Texans will need to pay more for transportation in the future, and there are a variety of funding options available. However, the actual funding sources have yet to be determined.

The final speaker was **David Russell II**. David is a civil engineering student at UTSA and the **2011 STITE Scholarship Recipient**. David gave a presentation on "Geometric Design and Operational Factors that Impact Truck Use of Toll Roads". There are 300 miles of toll roads in Texas. Texas currently leads the nation in fatal crashes involving large trucks and truck traffic continues to increase in Texas. To insure the safety on Texas toll roads, the roads must be designed to accommodate the large trucks using them.

The truck design vehicle should be WB-67 "Interstate Semitrailer". Truck-sensitive design elements which should be considered with toll roads include vertical alignment, ramps, interchanges, and intersections, and accommodating the off-tracking of large trucks. Signing can also be used to give truck-specific warnings. Other toll road elements which should be designed to consider truck traffic include Automated Vehicle Identification devices at toll gantries.

2011 TMUTCD DRAFT

The draft of the 2011 Texas Manual on Uniform Traffic Control Devices (TMUTCD) has been published to the Texas Register for public comment and can be found at:
http://www.dot.state.tx.us/public_involvement/public_comment/draft_tmucd.htm

MAY JOINT LUNCH MEETING, SOUTH TEXAS & CAPITAL AREA SECTIONS

May 26, 2011

FEATURED SPEAKERS:



Leroy Alloway,
Director of Community
Development, Alamo
RMA

Building the Roads Ahead in the San Antonio / Bexar County Area



Steve Pustelnyk
Director of
Communications,
Central Texas RMA

The Toll Reality in Central Texas



Capital Area and South Texas Section Officers
with Steve Pustelnyk (center)

Leroy Alloway

The Joint Meeting with the Capital Area ITE Section was held May 26, 2011 at the San Marcos Activity Center in San Marcos. After a BBQ lunch, STITE President **Rob Belarmino** and Vice President **Mike Garza** welcomed everyone and gave updates on upcoming STITE events.

The STITE and Capital Area Section Officers welcomed the first speaker, **Leroy Alloway**. Mr. Alloway gave updates on current and completed Alamo Regional Mobility Authority projects including the US 281 Super Street and US 281 and Loop 1604 interchange which is currently under construction.

Mr. Alloway also talked about some upcoming Alamo RMA projects. He said the Environmental Impact Statement (EIS) for Loop 1604 is expected to be completed by December 2012. The 1604 improvements would have a phased construction, several options are being evaluated such as non-tolled widening, managed lanes, and elevated main lanes. More information can be found at www.morefor1604.com

Mr. Alloway said the US 281 EIS is expected to be completed in 2013 and is examining alternatives including non-tolled overpasses and tolled elevated expressways. Mr. Alloway

said both the tolled and non-tolled concepts will be advanced through the Impact Statement process. Several advisory committees representing the community are also involved in the process.

Mr. Alloway also noted there will be a future EIS for IH-35 which is not currently underway. The actual construction of the IH-35 improvements is expected to cost approximately \$2 billion.

The next speaker, **Steve Pustelnyk** began his presentation with a brief history of toll roads in the United States. He noted toll roads have been common in the country since its founding, citing that 175 private companies were operating toll roads in the early 1800's. He also mentioned other tolling policies across the country.

Mr. Pustelnyk said that Austin currently has more than \$4 billion of toll roads, and that the traffic on the US 183A toll road is currently more than double the projections. He gave overviews the 183A extension and the Manor Expressway, which are two CTRMA projects currently under construction. He also mentioned future projects such as improvements to MOPAC which are expected to be under construction by 2015.

OFFICER NOMINATIONS

The South Texas ITE is requesting nominations for Secretary/Treasurer for the 2012 year. Please submit your nominations to Miguel Sanchez, Elections and Nominations Committee Chair at miguel.sanchez@arcadis-us.com. Please submit your nominations by the end of August.

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Interested in or placing your business card ad here?

The cost is \$100.00 per year for a business card ad size space and includes your logo posted on the Section website, and at meetings. Funds help support Section activities including the STITE Scholarship.

For more information contact Derek Mueller, Newsletter Editor, at dmueller@pape-dawson.com.

TextTE Spring Meeting

Fort Worth: March 24-26





South Texas Section
Institute of Transportation Engineers



Advancing Women in Transportation
San Antonio Region

ADA Accessibility and Public Rights-of-Way

Workshop to learn about the legal, technical, and practical issues regarding the proposed new federal rules from the US Access Board in 2011

Friday, August 12, 2011

8:30 am - 4:00 pm

Morgan's Wonderland Conference Center

Topics:

- *Introduction to the proposed new federal guidelines*
- *How Texas may implement the new guidelines*
- *Legal requirements, standards, and guidelines*
- *Understanding the challenges of users with disabilities*
- *Pedestrian Signs and Signals*
- *Crossings and Intersection Design*
- *Curb ramp types and design solutions*
- *On-Street Parking*
- *Pedestrian Corridor and other linear facilities*

Registration Required at :

www.wtsevents.org/chapter/SanAntonio

\$85.00 for WTS or ITE Full Members

\$100.00 for Non-members

* **Includes Lunch**

Please RSVP by Tuesday, August 5, 2010

Space is Limited!

Questions ?

Trish Wallace 207-0217, trish.wallace@sanantonio.gov or

Mike Garza, 308-4014, omgarza@pateeng.com



Morgan's Wonderland*
5223 David Edwards Drive



VIA Bus Route #502

Instructors:

Scott Lewendon

FHWA Certified Instructor for Designing Pedestrian Facilities for Accessibility; Contributor to US Access 1999 Design Guide for Accessible Rights-of-Way.

Janet Barlow

Certified Orientation and Mobility Specialist specialize in needs of the visually impaired; Representative US Access Board Public Rights-of-Way Advisory Committee 1999-2007

**Morgan's Wonderland is accessible to people with disabilities.
For Special Accommodations please contact Trish Wallace by July 28, 2011*