

**Opening Session
Tuesday, October 16
Reed Arena
8:30 am – 12:00 noon**

Presiding: Dr. Dennis L. Christiansen, P.E., Director, Texas Transportation Institute

Posting of the Colors	<i>Texas A&M University Corps of Cadets Color Guard</i>
Invocation	<i>Corps Chaplain</i>
Slide Presentation	<i>Texas Department of Transportation</i>
Campus Welcome	<i>Dr. Michael D. McKinney,</i> Chancellor, The Texas A&M University System
Remarks on Behalf of the Texas Transportation Institute	<i>Dr. Dennis L. Christiansen, P.E.,</i> Institute Director, Texas Transportation Institute
Presentation of Awards	<i>Mr. Lawrence Olsen,</i> Executive Vice President, Texas Good Roads/Transportation Association <i>Dewitt C. Greer Award Gibb Gilchrist Award Luther DeBerry Award Russell H. Perry Award Raymond E. Stotzer, Jr. Award</i>
BREAK	
Introductions	<i>Mr. Michael W. Behrens, P.E.,</i> Former Executive Director, Texas Department of Transportation
Remarks from the Texas Transportation Commission	<i>Mr. Ned S. Holmes,</i> Commissioner <i>Mr. Fred Underwood,</i> Commissioner <i>Mr. Ted Houghton, Jr.,</i> Commissioner <i>Ms. Hope Andrade,</i> Commissioner <i>Mr. Ric Williamson,</i> Chair
Remarks on Behalf of the Texas Department of Transportation	<i>Mr. Amadeo Saenz, Jr., P.E.,</i> Executive Director, Texas Department of Transportation
Extra Mile Awards	Presented by the <i>Deputy Executive Director, Steven E. Simmons,</i> and the <i>Texas Transportation Commission</i>

SESSION 1
Administration/Management
Tuesday, October 16
Room: 292 MSC

*Program and Session Chair: **Ed Serna**, Administration, TxDOT*
*Session Co-Chair: **Bill Stockton, P.E., Ph.D.**, TTI*

Moderator: **Ed Sims**, Occupational Safety Division, TxDOT

1:30 – 2:15 p.m.

Planning for the Future
Peter Bishop, Ph.D., University of Houston

2:15 – 2:45 p.m.

Legislative Update: A Summary of the Impact of Recent Federal and State Legislation on TxDOT
Coby Chase, Government and Public Affairs Division, TxDOT

2:45 – 3:00 p.m.

Question and Answer

3:00 – 3:30 p.m.

BREAK

Moderator: **Owen Whitworth**, Audit Office, TxDOT

3:30 – 4:15 p.m.

The Changing Workforce – How To Meet the Needs of Today's Generation X-Y-Z In the Job Market
Roy Steele, Ph.D., St. Edward's University

4:15 – 5:00 p.m.

TxDOT's Internal Compliance Program – How To Prevent and Detect Criminal Conduct and Promote an Ethical Workplace Environment
Suzanne Mann, Office of General Counsel, TxDOT

**SESSION 2
Construction I
Tuesday, October 16
Room: 224 MSC**

*Program and Session Chair: **Thomas Bohuslav, P.E.**, Construction Division, TxDOT
Session Co-Chair: **Stuart Anderson, P.E.**, TTI*

Moderator: **Walter Smith, P.E.**, Tyler District, TxDOT

**WORKING TOGETHER TO INCREASE VALUE AND REDUCE TIME
AND COST**

- 1:30 – 2:00 p.m.** ***Research Project 6011 – Reduce Construction Cost and Increase Competition***
Ivan Damnjanovic, TTI
Stuart Anderson, P.E., TTI
- 2:00 – 2:30 p.m.** ***Contractor Costing for Bids and Post Letting Contractor Proposed Changes***
Bob Lanham, P.E., Williams Brothers Construction, Inc.
- 2:30 – 3:00 p.m.** ***Implementation of Cost Saving Measures and Response to Contractor Proposed Changes***
Mohammad Moabed, P.E., Laredo District, TxDOT
- 3:00 – 3:30 p.m.** **BREAK**
- Moderator: **David Head, P.E.**, El Paso District, TxDOT
- 3:30 – 3:50 p.m.** ***Keys to Contract Disputes and Claims***
Zane Webb, P.E., Maintenance Division, TxDOT
- 3:50 – 4:15 p.m.** ***Analysis Tools and Case Law Basis for Dispute Resolution***
Juan Urrutia, P.E., Construction Division, TxDOT
- 4:15 – 4:40 p.m.** ***District Dispute Resolution Methods***
David Kopp, P.E., San Antonio District, TxDOT
- 4:40 – 5:00 p.m.** ***Appeal of a Claim to State Office of Administrative Hearing***
Oren L. Connaway, AAG, Office of the Attorney General

SESSION 3
Maintenance
Tuesday, October 16
Room: 206 MSC

*Program and Session Chair: **Zane Webb, P.E.**, Maintenance Division, TxDOT*
*Session Co-Chair: **Ginger Goodin, P.E.**, TTI*

Moderator: **Toribio Garza, Jr., P.E.**, Maintenance Division, TxDOT

BACK TO BASICS IN MAINTENANCE

1:30 – 2:00 pm

Ice and Snow Strategies – What Other States are Doing
Tammy Sims, P.E., Maintenance Division, TxDOT
Mike Taylor, P.E., Amarillo District, TxDOT

2:00 – 2:20 pm

Managing Maintenance Budgets – Squeezing More Blood from the Turnip
Catherine Hejl, P.E., Bryan District, TxDOT

2:20 – 2:50 pm

Road Mixed Emulsion Treatments – A Case Study
Jaime Gandara, Construction Division, TxDOT

2:50 – 3:00 pm

Question and Answer

3:00 – 3:30 pm

BREAK

Moderator: **Paul Montgomery, P.E.**, Lufkin District, TxDOT

3:30 – 4:00 pm

Environmental Coordination on Maintenance Projects – Don't Get Caught Without It
Mary Perez, Environmental Affairs Division, TxDOT

4:00 – 4:20 pm

Anti-Graffiti Materials – A Tagger's Nightmare
Tom Schwerdt, Construction Division, TxDOT

4:20 – 4:45 pm

Fog Seal Effectiveness Study – No Snake Oil Here
German Claros, P.E., Ph.D., Research & Technology Implementation Office, TxDOT

4:45 – 5:00 pm

Question and Answer

SESSION 4
Materials I
Tuesday, October 16
Room: 110-111 Koldus

*Program and Session Chair: **Bobby Littlefield Jr., P.E.**, Paris District, TxDOT*
*Session Co-Chair: **Joe Button, P.E.**, TTI*

Moderator: **Bobby Littlefield Jr., P.E.**, Paris District, TxDOT

- 1:30 – 2:00 pm** ***Update on the Overlay Tester for Use in Designing Crack Resistant Asphalt Mixes***
Dale Rand, P.E., Construction Division, TxDOT
- 2:00 – 2:40 pm** ***Districts Practical Experience with Rich Bottom Layer (RBL) and Crack Attenuating Mix (CAM)***
Darwin Lankford, P.E., Childress District, TxDOT
Greg Ranft, P.E., Houston District, TxDOT
- 2:40 – 3:00 pm** ***Effectiveness of the Asphalt Emulsion Testing Program***
Jerry Peterson, P.E., Construction Division, TxDOT
- 3:00 – 3:30 pm** **BREAK**
- Moderator: **Bryan Wood, P.E.**, Bryan District, TxDOT
- 3:30 – 4:00 pm** ***Practical Application of the Infrared Bar in the Construction of Hot Mix Asphalt Concrete***
Stephen G. Smith, P.E., Odessa District, TxDOT
Tom Scullion, P.E., TTI
- 4:00 – 4:40 pm** ***Extreme Weather Concrete Placement – Effects on Pavements and Bridge Decks***
Lisa Lukefahr, P.E., Construction Division, TxDOT
Brian Merrill, P.E., Bridge Division, TxDOT
- 4:40 – 5:00 pm** ***Delayed Ettringite Formation in Concrete***
Lianxiang Du, P.E., Ph.D., Construction Division, TxDOT

SESSION 5
Multimodal
Tuesday, October 16
Room: 301 Rudder Tower

*Program and Session Chair: **Eric Gleason**, Public Transportation Division, TxDOT*
*Session Co-Chair: **Katie Turnbull, Ph.D.**, TTI*

Moderator: **Eric Gleason**, Public Transportation Division, TxDOT

1:30 – 1:50 pm

Regional Service Coordination – From Plans to Implementation
Steve Wright, Public Transportation Division, TxDOT

1:50 – 2:20 pm

Regional Approaches to Public Transportation Maintenance
Mario G. Beruvides, Ph.D., Texas Tech University

2:20 – 3:00 pm

New Partnerships in Public Transportation – Examples from Recent JARC and New Freedom Project Selection Processes
Janet Everhart, West Texas Opportunities
Julie Talbert, Heart of Texas Workforce Board
Xavier Banales, LULAC Project Amistad

3:00 – 3:30 pm

BREAK

Moderator: **Jeff Borowiec, Ph.D.**, TTI

3:30 – 4:00 pm

Rail Relocation Update

- ***State Activities***
Jennifer Moczygemba, P.E., Transportation Planning and Programming Division
TxDOT
- ***San Antonio***
Jessica Castiglione, P.E., San Antonio District, TxDOT
- ***Houston***
Rakesh Tripathi, P.E., Houston District, TxDOT

4:00 – 4:30 pm

Innovation in Air Cargo Services
Jose Flores, Laredo International Airport

4:30– 5:00 pm

TxDOT Flight Services
Jay Joseph, Aviation Division, TxDOT

SESSION 6
Project Development
Tuesday, October 16
Room: 212 MSC

*Program and Session Chair: **William L. Hale, P.E.**, Dallas District, TxDOT*
*Session Co-Chair: **Montie Wade, P.E.**, TTI*

Moderator: **William L. Hale, P.E.**, Dallas District, TxDOT

- 1:30 – 2:15 pm** ***Coordinating Pass-Through Financed Projects with Outside Entities***
Robert Brown, P.E., Dallas District, TxDOT
Wes Naumann, P.E., Houston District, TxDOT
Jimmy Bodiford, P.E., Fort Worth District, TxDOT
- 2:15 – 3:00 pm** ***Asbestos and Hazardous Materials Abatement in Project Development***
David Seago, P.E., Dallas District, TxDOT
James Koch, P.E., Houston District, TxDOT
Paul Hoelscher, P.E., Abilene District, TxDOT
- 3:00 – 3:30 pm** **BREAK**
- Moderator: **Montie Wade, P.E.**, TTI
- 3:30 – 4:15 pm** ***Panel on Total Project Cost and Lump Sum Funding***
Wayne Wells, P.E., Design Division, TxDOT
Gus Cannon, P.E., Right of Way Division, TxDOT
- 4:15 – 5:00 pm** ***Special Studies for Project Development: Hydraulics, ROW & Utilities, Hazardous Materials***
David Roberts, Houston District, TxDOT
Sam Talje, P.E., Houston District, TxDOT

SESSION 7
Structures and Hydraulics I
Tuesday, October 16
Room: 601 Rudder Tower

*Program and Session Chair: **Mario R. Jorge, P.E.**, Pharr District, TxDOT*
*Session Co-Chair: **Roger Bligh, P.E., Ph.D.**, TTI*

Moderator: **Mario R. Jorge, P.E.**, Pharr District, TxDOT

1:30 – 1:55 pm

Use of Vane Shear Testing
John Delphia, P.E., Bridge Division, TxDOT

1:55 – 2:20 pm

Soil Nail Design, Construction and Testing Considerations
Marcus Galvan, P.E., Bridge Division, TxDOT

2:20 – 3:00 pm

Foundation Design and Construction in Water Bearing Sands
Mark McClelland, P.E., Bridge Division, TxDOT

3:00 – 3:30 pm

BREAK

Moderator: **Larry Tegtmeyer, P.E.**, Wichita Falls District, TxDOT

3:30 – 3:55 pm

Case Study: Cottonwood Creek Bridge Rapid Replacement
Lloyd Wolf, P.E., Bridge Division, TxDOT

3:55 – 4:40 pm

SH 183/McArthur Blvd. Emergency Repair
Anthony Okafor, P.E., Dallas District, TxDOT
Walter Ray Fisher, III, Dallas District, TxDOT

4:40 – 5:00 pm

Guadalupe River Bridge (Cost Effective Aesthetics)
Dacio Marin, III, P.E., Bridge Division, TxDOT

SESSION 8
Toll Roads I
Tuesday, October 16
Room: 201 MSC

*Program & Session Chair: **Phillip E. Russell, P.E.**, Texas Turnpike Authority Division, TxDOT*
*Session Co-Chair: **Christopher Poe, P.E., Ph.D.**, TTI*

Moderator: **Phillip E. Russell, P.E.**, Texas Turnpike Authority Division,
TxDOT

- 1:30 – 2:00 pm** ***Trans-Texas Corridor – Silk Road from China or Invasion of the Spanish Armada?***
Coby Chase, Government and Public Affairs Division, TxDOT
- 2:00 – 2:30 pm** ***The Perryman Report on TTC-35 – An Economic Boom for Texas***
Ray Perryman, Perryman Group
John Bourne, P.E., HNTB
- 2:30 – 3:00 pm** ***TTC-35 Master Development Plan – Building Blocks for the Future of Texas***
Ed Pensock, P.E., Texas Turnpike Authority Division, TxDOT
Dieter Billek, P.E., Texas Turnpike Authority Division, TxDOT
- 3:00 – 3:30 pm** **BREAK**
- 3:30 – 3:50 pm** ***TTC-69 Update – America’s Newest Interstate***
Jack Heiss, P.E., Texas Turnpike Authority Division, TxDOT
- 3:50 – 4:20 pm** ***TTC-Public Meetings – Lessons in Democracy***
Doug Booher, Texas Turnpike Authority Division, TxDOT
- 4:20 – 5:00 pm** ***Marketing & Video Tolling – The New Frontier***
Catherine Sanchez, Texas Turnpike Authority Division, TxDOT
Robert Brown, P.E., Dallas District, TxDOT

SESSION 9
Traffic Operations I
Tuesday, October 16
Room: 225-226 MSC

*Program and Session Chair: **Lauren D. Garduño, P.E.**, Odessa District, TxDOT*
*Session Co-Chair: **Ed Seymour, P.E., Ph.D.**, TTI*

Moderator: **Rick Castaneda, P.E.**, San Antonio District, TxDOT

1:30 – 2:00 pm

(CRIS) Crash Record Information System
Carol Rawson, P.E., Traffic Operations Division, TxDOT

2:00 – 2:30 pm

Traffic Operations Standards Update
Mike Chacon, P.E., Traffic Operations Division, TxDOT

2:30 – 3:00 pm

Total Maintenance Striping in San Antonio
Mary Hannah, Flasher Equipment
Rick Castaneda, P.E., San Antonio District, TxDOT

3:00 – 3:30 pm

BREAK

Moderator: **Craig Clark, P.E.**, Corpus Christi District, TxDOT

3:30 – 4:00 pm

Hurricane Evacuation Plan
Catherine Hejl, P.E., Bryan District, TxDOT

4:00 – 4:30 pm

Using the Traffic Engineering Study to Manage Access
Kirk Barnes, P.E., Bryan District, TxDOT

4:30 – 5:00 pm

Safe Routes to School Program
Tonna Marcyes, Traffic Operations Division, TxDOT

SESSION 10
Construction II
Wednesday, October 17
Room: 224 MSC

*Program and Session Chair: **Thomas Bohuslav, P.E.**, Construction Division, TxDOT*
*Session Co-Chair: **Stuart Anderson, P.E.**, TTI*

Moderator: **Ken Barnett, P.E.**, Construction Division, TxDOT

8:30 – 8:55 am

Overview of the Inspector Development Program
Ken Barnett, P.E., Construction Division, TxDOT

8:55 – 9:40 am

Panel on Implementation of the Inspector Development Program
Charles Gaskin, P.E., Houston District, TxDOT
Jack Moser, P.E., Beaumont District, TxDOT
Danny Garcia, Construction Division, TxDOT

9:40 – 10:00 am

Runway Construction in a Wartime Environment
Gilbert Jordan, El Paso District, TxDOT

10:00 – 10:30 am

BREAK

Moderator: **Mario Medina, P.E.**, Laredo District, TxDOT

10:30 – 11:00 am

Warm Mix Uses in the San Antonio District
Gina Gallegos, P.E., San Antonio District, TxDOT

11:00 – 11:30 am

Guidance on Reimbursement for Labor Burden and Overhead
Ken Barnett, P.E., Construction Division, TxDOT

11:30 – 12:00 pm

Using SiteManager to Manage Projects
Mike Lehmann, P.E., San Antonio District, TxDOT

SESSION 11
Design
Wednesday, October 17
Room: 292 MSC

*Program and Session Chair: **Mark Tomlinson, P.E.**, Amarillo District, TxDOT*
*Session Co-Chair: **Kay Fitzpatrick, P.E., Ph.D.**, TTI*

Moderator: **Phillip Lujan, P.E.**, Beaumont District,
TxDOT

8:30 – 9:00 am

Updating the NCHRP 350 Crash Test Guidelines
Roger Bligh, P.E., Ph.D., TTI

9:00 – 9:30 am

In-Service Evaluation of Cable Median Barrier Performance
Scott Cooner, P.E., TTI

9:30 – 10:00 am

Incorporating Safety into the Highway Design Process
Jim Bonneson, P.E., Ph.D., TTI

10:00 – 10:30 am

BREAK

Moderator: **Gary Law, P.E.**, Odessa District, TxDOT

10:30 – 11:00 am

Professional Services Contracting with TxDOT
Mark Marek, P.E., Design Division, TxDOT

11:00 – 11:30 am

Meeting Challenges in Consultant Contracting
Steve Stafford, P.E., Beaumont District, TxDOT

11:30 – 12:00 pm

Technical Innovations for Design Applications
Dean Wilkerson, P.E., RPLS, Information Systems Division, TxDOT

SESSION 12
Environmental and Right of Way
Wednesday, October 17
Room: 301 Rudder Tower

*Program and Session Chair: **Randy C. Hopmann, P.E.**, Lubbock District, TxDOT*
*Session Co-Chair: **John Overman, AICP**, TTI*

Moderator: **John Overman, AICP**, TTI

- 8:30 – 8:50 am** ***Best Practices to Successfully Obtain a USACOE 404 Permit***
Amy Foster, Environmental Affairs Division, TxDOT
- 8:50 – 9:20 am** ***Top TCEQ Concerns and How to Pass Inspection***
Monica Harris, Texas Commission on Environmental Quality
Matthew Vaughn, Texas Commission on Environmental Quality
Jay Halepeska, Texas Commission on Environmental Quality
- 9:20 – 10:00 am** ***Public Involvement Visualization Techniques for Project Development***
Floyd Martinez, P.E., HNTB Corporation
Steve Warren, P.E., Lubbock District, TxDOT
Nasser Askari, P.E., Dallas District, TxDOT
Matthew Craig, P.E., Halff & Associates
- 10:00 – 10:30 am** **BREAK**
- Moderator: **John Campbell, P.E.**, Right of Way Division, TxDOT
- 10:30 – 11:00 a.m.** ***“APRA” A Practical Tool to Assess the R/W and Utility Factors that Affect Timely Project Development***
Edd Gibson, CTR
- 11:00 – 11:30 a.m.** ***Panel Discussion on Best Management Practices for ROW Acquisition Contracts***
Gus Cannon, Right of Way Division, TxDOT
Sheila Mills, Waco District, TxDOT
- 11:30 – 12:00 p.m.** ***Integrated Strategies for Utility Data Management Utility Accommodation & Conflict Tracker***
Edgar Kraus, TTI
- Utility Installation Request***
Cesar Quiroga, TTI

SESSION 13
Information Systems
Wednesday, October 17
Room: 206 MSC

*Program and Session Chair: **Mary M. Owen, P.E.**, Tyler District, TxDOT*
*Session Co-Chair: **Kassandra Agee-Letton**, TTI*

Moderator: **Scott Burford**, General Services Division, TxDOT

8:30 – 9:00 am

Data Center Consolidation and TxDOT

Tim Jennings, Information Systems Division, TxDOT

9:00 – 9:30 am

Electronic Data Retention

Sharon Alexander, Office of General Counsel, TxDOT

Tom MacMorran, General Services Division, TxDOT

9:30 – 10:00 am

IT Directions for the Future

Judy Skeen, P.E., Information Systems Division, TxDOT

10:00 – 10:30 am

BREAK

10:30 – 11:00 am

Web Enabling Legacy Data

Dan C. Wyly, P.E., Information Systems Division, TxDOT

11:00 – 11:30 am

Geospatial Data Access

Darryl L. Zercher, RPLS, Information Systems Division, TxDOT

11:30 – 12:00 pm

Technology in Public Communication...What is TxDOT Doing?

Larry Krantz, Tyler District, TxDOT

Ann Zeeck, Government and Public Affairs Division, TxDOT

Ron Hagquist, Government and Public Affairs Division, TxDOT

SESSION 14
Materials II
Wednesday, October 17
Room: 110-111 Koldus

*Program and Session Chair: **Bobby Littlefield Jr., P.E.**, Paris District, TxDOT*
*Session Co-Chair: **Andrew Wimsatt, P.E.**, TTI*

Moderator: **Andrew Wimsatt, P.E.**, TTI

8:30 – 9:00 am

Latest Research Findings Regarding Geotextiles
Mark McDaniel, P.E., Construction Division, TxDOT
Joe Button, P.E., TTI

9:00 – 9:30 am

Soils and Flexible Base Certification Program
Surface Aggregate Classification System
Caroline Herrera, P.E., Construction Division, TxDOT

9:30 – 10:00 am

Variations in Flexible Base Specifications Across District Lines and Associated Impacts
Darlene Goehl, P.E., Bryan District, TxDOT
Billy Pigg, P.E., Waco District, TxDOT

10:00 – 10:30 am

BREAK

Moderator: **Darren Hazlett, P.E.**, Construction Division, TxDOT

10:30 – 11:10 am

Comparison of RC Pipe, CGM Pipe, Thermoplastic Pipe and Fiber Reinforced Pipe
Mark McClelland, P.E., Bridge Division, TxDOT
Karl Janak, P.E., Construction Division, TxDOT

11:10 – 11:35 am

Lab Information Management System Status
David Debo, Construction Division, TxDOT

11:35 – 12:00 pm

Testing Composite Coating Systems with Silanes for Protecting Concrete Columns on the Galveston Causeway Project
C. Vipulanandan (Vipu), P.E., Ph.D., University of Houston

SESSION 15
Pavement Management
Wednesday, October 17
Room: 229-231 MSC

Program and Session Chair: Lynn Passmore, P.E., Brownwood District, TxDOT
Session Co-Chair: Tom Freeman, P.E., TTI

Moderator: **Dennis R. Cooley, P.E.**, Lufkin District, TxDOT

8:30 – 9:00 am

Maintaining the State Highway System

David Casteel, P.E., San Antonio District, TxDOT

9:00 – 9:20 am

Status of Commission Goals – 90% of Texas Roads to be in “Good or Better” Condition by 2012

Thomas R. Bohuslav, P.E., Construction Division, TxDOT

MAINTAINING AND IMPROVING PAYMENT CONDITION SCORES – DISTRICT EXAMPLES

9:20 – 9:40 am

Atlanta District

Bob Ratcliff, P.E., Atlanta District, TxDOT

Charles Russell, P.E., Atlanta District, TxDOT

Lance Simmons, P.E., Atlanta District, TxDOT

9:40 – 10:00 am

Waco District

Richard Skopik, P.E., Waco District, TxDOT

Michael Heise, P.E., Waco District, TxDOT

Duane Schwarz, P.E., Waco District, TxDOT

10:00 – 10:30 am

BREAK

Moderator: **J. Jeffrey Seiders, Jr., P.E.**, Construction Division, TxDOT

10:30 – 10:50 am

Brownwood District

Lynn Passmore, P.E., Brownwood District, TxDOT

Elias Rmeili, P.E., Brownwood District, TxDOT

Brian Huntsinger, P.E., Brownwood District, TxDOT

10:50 – 11:10 am

Houston District

Gary Trietsch, P.E., Houston District, TxDOT

Mike Alford, P.E., Houston District, TxDOT

Bill Brudnick, P.E., Houston District, TxDOT

TOOLS AND ASSISTANCE TO MAINTAIN AND IMPROVE PAVEMENT CONDITION SCORES

11:10 – 11:30 am

Using PMIS MapZapper to Assist Project Selection

Craig Cox, Construction Division, TxDOT

Darlene Goehl, P.E., Bryan District, TxDOT

11:30 – 12:00 pm

Evaluating and Designing Pavements for Rehabilitation

Tom Scullion, P.E., TTI

Andrew Wimsatt, P.E., TTI

SESSION 16
Planning
Wednesday, October 17
Room: 212 MSC

*Program and Session Chair: **Charles H. Berry, Jr., P.E.**, El Paso District, TxDOT*
*Session Co-Chair: **Brian Bochner, P.E.**, TTI*

Moderator: **Brian Bochner, P.E.**, TTI

PLANNING CORRIDORS AND THE BORDER

- 8:30 – 8:50 am** ***Regional NAFTA Study Update***
Peggy Thurin, P.E., Transportation Planning and Programming Division,
TxDOT
- 8:50 – 9:10 am** ***Border Travel Time Survey***
Jack Foster, P.E., Transportation Planning and Programming Division,
TxDOT
- 9:10 – 9:15 am** ***Question and Answer***
- 9:15 – 9:35 am** ***Panama Canal Study Findings***
Chrisy Currier, Government and Public Affairs Division, TxDOT
- 9:35 – 9:55 am** ***Border Planning Organizations & Their Roles in Transportation
Planning***
Agustin “Gus” De La Rosa, International Relations Office, TxDOT
- 9:55 – 10:00 am** ***Question and Answer***
- 10:00 – 10:30 am** **BREAK**
- Moderator: **Richard Skopik, P.E.**, Waco District, TxDOT
- TRANSPORTATION PLANNING FOR TEXAS FUTURE**
- 10:30 – 10:55 am** ***Demographic Trends in Texas***
Michael Cline, Institute for Demographic and Socioeconomic Research,
UTSA
- 10:55 – 11:00 am** ***Question and Answer***
- 11:00 – 11:25 am** ***Traffic Projections: How, Why, and What is Available***
Janie Temple, Transportation Planning and Programming Division,
TxDOT
- 11:25 – 11:30 am** ***Question and Answer***
- 11:30 – 12:00 pm** ***Future Transportation Funding Outlook in Texas***
John Munoz, Finance Division, TxDOT

SESSION 17
Structures and Hydraulics II
Wednesday, October 17
Room: 601 Rudder Tower

*Program and Session Chair: **Mario R. Jorge, P.E.**, Pharr District, TxDOT*
*Session Co-Chair: **Roger Bligh, P.E., Ph.D.**, TTI*

Moderator: **Randy Cox, P.E.**, Bridge Division, TxDOT

- 8:30 – 9:10 am** ***Update on FRP Composites for Repair of Bridges in Texas***
Dingyi Yang, P.E., Bridge Division, TxDOT
- 9:10 – 9:30 am** ***Structural Steel Details (Fabricator’s Perspective)***
Harold Maier, Hirschfelds Steel
- 9:30 – 10:00 am** ***Bridge Superstructure Beam Types and Selection Criteria***
Michael Hyzak, P.E., Bridge Division, TxDOT
- 10:00 – 10:30 am** **BREAK**
- Moderator: **Anthony Okafor, P.E.**, Dallas District, TxDOT
- 10:30 – 11:00 am** ***Best Practices for Bridge Layouts***
Gregg Freeby, P.E., Bridge Division, TxDOT
- 11:00 – 11:30 am** ***Storm-Induced Design Issues for Coastal Bridges***
Michelle Romage, P.E., Bridge Division, TxDOT
- 11:30 – 12:00 pm** ***Recent Bridge Management Developments***
Alan Kowalik, P.E., Bridge Division, TxDOT

SESSION 18
Toll Roads II
Wednesday, October 17
Room: 201 MSC

Program and Session Chair: Phillip E. Russell, P.E., Texas Turnpike Authority Division, TxDOT
Session Co-Chair: Christopher Poe, P.E., Ph.D., TTI

Moderator: **Phillip E. Russell, P.E.**, Texas Turnpike Authority Division, TxDOT

- 8:30 – 9:30 am** ***Comments from the Frontline – The Continuing Debate Over Private vs. Publicly Developed Toll Roads***
Ned S. Holmes, TxDOT Commissioner
Michael Walton, Ph.D., The University of Texas at Austin
James Ray, FHWA
- 9:30 – 10:00 am** ***Case Study: SH 130 – The First Deal***
Ed Pensock, P.E., Texas Turnpike Authority Division, TxDOT
James Bass, Finance Division, TxDOT
- 10:00 – 10:30 am** **BREAK**
- 10:30 – 11:00 am** ***Independent Engineers – What Do They Really Do?***
Frank Holzmann, Jr., P.E., San Antonio District, TxDOT
Doug Woodall, P.E., Texas Turnpike Authority Division, TxDOT
- 11:00 – 11:15 am** ***Managed Lanes/Bus Rapid Transit – How to Operate in a Toll Road Environment***
David Casteel, P.E., San Antonio District, TxDOT
- 11:15 – 11:30 am** ***Rail and Toll Roads – What is the Connection?***
Bubba Needham, P.E., Austin District, TxDOT
- 11:30 – 12:00 pm** ***CDA Ethics Rules – A One-way Pass to Alcatraz?***
John Wright, Office of General Counsel, TxDOT

SESSION 19
Traffic Operations II
Wednesday, October 17
Room: 225-226 MSC

*Program and Session Chair: **Lauren D. Garduño, P.E.**, Odessa District, TxDOT*
*Session Co-Chair: **Ed Seymour, P.E., Ph.D.**, TTI*

Moderator: **Marla Jasek, P.E.**, Yoakum District, TxDOT

8:30 – 9:00 am

Identifying and Testing Effective Advisory Speed Setting Procedures
Jim Bonneson, TTI

9:00 – 9:30 am

Teens in the Driver Seat
Russell Henk, P.E., TTI

9:30 – 10:00 am

Project Development with Managed Lanes Operations in Mind
Beverly Kuhn, TTI

10:00 – 10:30 am

BREAK

Moderator: **Lauren D. Garduño, P.E.**, Odessa District, TxDOT

10:30 – 11:00 am

Work Zone Safety and Mobility
Doug Skowronek, P.E., Traffic Operations Division, TxDOT

11:00 – 11:30 am

Integrated Corridor Management
Al Kosik, P.E., Traffic Operations Division, TxDOT

11:30 – 12:00 pm

Amarillo Rural (ITS) Intelligent Transportation Systems
Chris Freeman, P.E., Amarillo District, TxDOT