OPENING SESSION

TUESDAY, OCTOBER 13
RUDDER AUDITORIUM
8:30 a.m. – Noon

Presiding:
Dr. Dennis L. Christiansen, P.E.
Agency Director
Texas A&M Transportation Institute

Posting of the Colors
Texas A&M University
Corps of Cadets Color Guard

Invocation
Corps Chaplain

Video Presentation
Texas Department of Transportation Video

Campus Welcome
Mr. Billy Hamilton
Executive Vice Chancellor
and Chief Financial Officer
Texas A&M University System

Remarks on Behalf of the Texas A&M Transportation Institute
Dr. Dennis L. Christiansen, P.E.
Agency Director
Texas A&M Transportation Institute

Presentation of Awards
Dr. Dennis L. Christiansen, P.E.
• Dewitt C. Greer Award
• Gibb Gilchrist Award
• Luther DeBerry Award
• Russell H. Perry Award
• Raymond E. Stotzer, Jr., Award

BREAK

Remarks on Behalf of the Texas Department of Transportation
LtGen J.F. Weber, USMC (Ret.)
Executive Director
Texas Department of Transportation

Remarks from the Texas Transportation Commission
Tryon D. Lewis
Chair
Texas Transportation Commission

Extra Mile Awards
Jerral Wyer
Occupational Safety Division Director
Texas Department of Transportation

In Memoriam
William “Mel” Pope
Retired 1993
Lubbock District Engineer
**ETHICS FOR TRANSPORTATION PROFESSIONALS**

**ROOM: BRAZOS COUNTY EXPO COMPLEX**
**TEXAS BALLROOM**

<table>
<thead>
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| 3:30 – 4:30 p.m. | *Ethics for Transportation Professionals*  
William D. Lawson, P.E., Ph.D.,  
National Institute for Engineering Ethics,  
Murdough Center for Engineering,  
Texas Tech University |
| 5:00 – 6:00 p.m. | *Ethics for Transportation Professionals*  
William D. Lawson, P.E., Ph.D.,  
National Institute for Engineering Ethics,  
Murdough Center for Engineering,  
Texas Tech University |

*This course satisfies the TBPE requirement for 1.0 hour of continuing education in ethics.*

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**ALTERNATIVE PROJECT DELIVERY**

**ROOM: MSC 2406 A&B**

**Program and Session Co-Chairs:**  
Frank Holzmann, P.E., Strategic Projects Division, TxDOT  
Jason Crawford, P.E., TTI

<table>
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<th>Time</th>
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| 1:30 – 2:00 p.m. | Moderator:  
Renee Lamb, P.E., Strategic Projects Division, TxDOT  
*Transparency in Strategic Projects Division*  
Scott Spradlin, P.E., Strategic Projects Division, TxDOT |
| 2:00 – 2:30 p.m. | *Safety in Strategic Projects – Every Person Counts*  
Elizabeth Metting, P.E., Strategic Projects Division, TxDOT  
*Design Build Training – Coming to a District Near You*  
Katherine Holtz, P.E., Strategic Projects Division, TxDOT |
| 2:30 – 3:00 p.m. | *Panel: North Tarrant Express – The Year in Review*  
Scott Hall, Strategic Projects Division, TxDOT  
Robert Hinkle,  
Director of Corporate Affairs,  
NTE Mobility Partners Segments 3, LLC |
| 3:00 – 3:30 p.m. | *Loop 375 Border Highway Express – When Trains and Highways Come Together*  
Sergio Garcia, P.E., Strategic Projects Division, TxDOT  
Rob Anderson, Kiewit Corporation |
| 3:30 – 4:00 p.m. | *Panel: North Tarrant Express – The Year in Review*  
Scott Hall, Strategic Projects Division, TxDOT  
Robert Hinkle,  
Director of Corporate Affairs,  
NTE Mobility Partners Segments 3, LLC |
| 4:00 – 4:30 p.m. | *Loop 375 Border Highway Express – When Trains and Highways Come Together*  
Sergio Garcia, P.E., Strategic Projects Division, TxDOT  
Rob Anderson, Kiewit Corporation |
| 4:30 – 5:00 p.m. | *Harbor Bridge – A Gateway to Corpus Christi*  
Randy Grones, P.E., Strategic Projects Division, TxDOT |
## CONSTRUCTION I

**ROOM:** MSC 2300C  
**Program and Session Co-Chairs:**  
Gina Gallegos, P.E.,  
San Antonio District, TxDOT  
Stuart Anderson, P.E., Ph.D., TTI  
Jon Epps, P.E., Ph.D., TTI

**Moderator:**  
Jon Epps, P.E., Ph.D., TTI

### USE AND BENEFITS OF DIFFERENT TYPES OF ASPHALT MIXTURES

**1:30 – 1:45 p.m.**  
**Thin Overlay Mixtures**  
Miguel Arellano, P.E.,  
Austin District, TxDOT

**1:45 – 2:00 p.m.**  
**SMA Mixtures**  
Darlene Goehl, P.E.,  
Bryan District, TxDOT

**2:00 – 2:15 p.m.**  
**Superpave Mixtures**  
John Christensen,  
Ramming Paving

**2:15 – 3:00 p.m.**  
**Panel Discussion**  
Darlene Goehl, P.E., TxDOT  
John Christensen, Ramming Paving  
Robert Lee, P.E., TxDOT

### E-CONSTRUCTION

**3:00 – 3:30 p.m.**  
**BREAK**

**3:30 – 3:50 p.m.**  
**Overview of e-Construction Activities in TxDOT**  
Roxana Garcia, P.E.,  
Construction Division, TxDOT

**3:50 – 4:10 p.m.**  
**Scheduling Tools**  
Bob Hundley, P.E.,  
Special Projects Division, TxDOT

**4:10 – 4:30 p.m.**  
**Inspector Tools**  
Maria Aponte, P.E.,  
Houston District, TxDOT

**4:30 – 4:50 p.m.**  
**iPhone Stockpile Measurements**  
Mark Bradshaw,  
Procurement Administration, TxDOT

**4:50 – 5:00 p.m.**  
**Discussion**

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## DESIGN

**ROOM:** RUDDER THEATRE  
**Program and Session Co-Chairs:**  
Bill Brudnick, P.E.,  
Houston District, TxDOT  
Marcus Brewer, P.E., TTI

**Moderator:**  
Rene Garcia, P.E.,  
Design Division, TxDOT

### VALUE ENGINEERING

**1:30 – 1:50 p.m.**  
**Value Engineering**  
Jorge Millan, P.E.,  
Design Division, TxDOT

### CASE STUDY ON INNOVATIVE INTERSECTION DESIGN

**1:50 – 2:20 p.m.**  
**Case Study on Innovative Intersection Design**  
Eddie Valtier, P.E.,  
El Paso District, TxDOT

### IMPLEMENTATION OF 3D DESIGN – A SHOWCASING OF THE DISTRICTS’ 3D DESIGN PROJECTS

**2:20 – 3:00 p.m.**  
**Implementation of 3D Design – A Showcasing of the Districts’ 3D Design Projects**  
Brent Hillebrenner, P.E.,  
Design Division, TxDOT  
Eduardo “Eddie” Acosta, Jr., P.E.,  
Design Division, TxDOT  
Daniel Cruz, EIT,  
Lubbock District, TxDOT

### NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT – (PLANNING FOR A MEGA PROJECT IN A METROPOLITAN AREA)

**3:30 – 4:00 p.m.**  
**North Houston Highway Improvement Project – (Planning for a Mega Project in a Metropolitan Area)**  
Pat Henry, P.E.,  
Houston District, TxDOT

### PERFORMANCE-BASED PRACTICAL DESIGN

**4:00 – 4:30 p.m.**  
**Performance-Based Practical Design**  
George Merritt, P.E., FHWA

### APPLICATION OF THE HIGHWAY SAFETY MANUAL (HSM)

**4:30 – 5:00 p.m.**  
**Application of the Highway Safety Manual (HSM)**  
Karen Dixon, P.E., Ph.D., TTI
### Materials I

**ROOM:** MSC 2300 A&B

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<td>1:30 – 1:50 p.m.</td>
<td><em>Type 1-L Cement</em></td>
<td>Andy Naranjo, P.E., TxDOT</td>
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<td>1:50 – 2:10 p.m.</td>
<td><em>Fly Ash Supply</em></td>
<td>Andy Naranjo, P.E., TxDOT</td>
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<td>2:10 – 2:30 p.m.</td>
<td><em>CRCP Mechanistic-Empirical Pavement Design</em></td>
<td>Hua Chen, P.E., TxDOT</td>
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<td>2:30 – 3:00 p.m.</td>
<td><em>Status of the SPG Binder Specification Implementation</em></td>
<td>Amy Epps-Martin, P.E., TTI</td>
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<td>3:00 – 3:30 p.m.</td>
<td><em>CRCP Transverse Construction Joints</em></td>
<td>Elizabeth (Lisa) Lukefahr, P.E., TxDOT</td>
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<td>3:30 – 4:00 p.m.</td>
<td><em>Superpave and Superpave Impact on Aggregates</em></td>
<td>John Christensen, Ramming Paving</td>
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<tr>
<td>4:00 – 4:30 p.m.</td>
<td><em>Balanced Mix Design: RAP, RAS, Recycling Agents and Cracking Tests</em></td>
<td>Robert Lee, P.E., TxDOT</td>
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<tr>
<td>4:30 – 5:00 p.m.</td>
<td><em>Panel: Executing Winter Maintenance Best Practices</em></td>
<td>Carl Johnson, P.E., Brownwood District, TxDOT</td>
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<td>Ted Moore, P.E., Lubbock District, TxDOT</td>
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<td>Wendy Simmons, P.E., Tyler District, TxDOT</td>
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<td>Alan Easterling, Fort Worth District, TxDOT</td>
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RIGHT OF WAY

ROOM: KOLDUS 110/111

Program and Session Co-Chairs:
Don Toner, SR/WA, Strategic Projects Division Right of Way, TxDOT
John Overman, AICP, P.G., TTI
Cesar Quiroga, P.E., Ph.D., TTI

Moderator:
Don Toner, SR/WA,
Strategic Projects Division Right of Way, TxDOT

1:30 – 1:45 p.m.  Introduction of the Right of Way Session
Don Toner, SR/WA,
Strategic Projects Division Right of Way, TxDOT

1:45 – 2:15 p.m.  Use of 3D Technology for Managing Utilities
Cesar Quiroga, P.E., Ph.D., TTI

2:15 – 3:00 p.m.  Utility Coordination
Edgar Kraus,
TTI
Oscar Hurtado,
Strategic Projects Division Right of Way, TxDOT
Jesse Cooper, RPLS,
Right of Way Division, TxDOT

3:00 – 3:30 p.m.  BREAK

3:30 – 4:15 p.m.  Right of Way Legal Update
Susan Bonnen, AAG,
Office of the Attorney General
Randy Ward,
Right of Way Attorney, Right of Way Division, TxDOT
Clint Harbour, AAG,
Office of the Attorney General
Eric Russell, AAG,
Office of the Attorney General

4:15 – 4:45 p.m.  Design/Build Right of Way Project Progression
Elizabeth Norris,
Atkins
Kerry Fulton,
Strategic Projects Division Right of Way, TxDOT
Ryan Bean,
Southgate

4:45 – 5:00 p.m.  Questions
Kerry Fulton,
Strategic Projects Division Right of Way, TxDOT

TRAFFIC OPERATIONS I

ROOM: MSC 2300 D&E

Program and Session Co-Chairs:
Rebecca Wells, P.E.,
Atlanta District, TxDOT
Ed Seymour, P.E., Ph.D., TTI
Tony Voigt, P.E., PTOE, TTI

Moderator:
Theresa Poer, P.E.,
Fort Worth District, TxDOT

1:30 – 1:45 p.m.  Wrong Way Driving: National Perspectives and Ongoing Research Efforts
Melisa Finley, P.E., TTI

1:45 – 2:00 p.m.  NTTA’s Wrong Way Driving Task Force
Eric Hemphill, TxDOT

2:00 – 2:15 p.m.  Systematic Approach to Mitigating Wrong Way Driving in the Houston District
Ugonna Ughanze, P.E.,
Houston District, TxDOT

2:15 – 2:30 p.m.  San Antonio Wrong Way Driving Task Force
Dale Picha, P.E.,
San Antonio District, TxDOT

2:30 – 3:00 p.m.  What’s Next – Tackling the Wrong Way Driving Issue in Texas
Panelist Roundtable (all presenters)

3:00 – 3:30 p.m.  BREAK

3:30 – 4:00 p.m.  Texas’ Variable Speed Limit Pilot Project
Darren McDaniel, P.E.,
Traffic Operations Division, TxDOT
Beverly Kuhn, P.E., Ph.D., TTI

4:00 – 4:30 p.m.  IH 35 Traveler Information During Construction Project Update
Jacob Chau, P.E.,
Waco District, TxDOT
Robert Brydia, TTI

4:30 – 5:00 p.m.  SH 242 Adaptive Traffic Signal System Deployment
Manu Isaac, P.E., Kimley Horn
Steve Chiu, EIT, Houston District, TxDOT
ROOM: MSC 2300 C

Program and Session Co-Chairs:
Gina Gallegos, P.E.,
San Antonio District, TxDOT
Stuart Anderson, P.E., Ph.D., TTI
Jon Epps, P.E., Ph.D., TTI

Moderator:
Stuart Anderson, P.E., Ph.D., TTI

GOOD ESTIMATING PRACTICES

8:30 – 9:00 a.m.  
*Estimating Guide Book*
Curtis Beaty, P.E., TTI

9:00 – 9:40 a.m.  
*Washington DOT Experience*
Thomasa Hume,  
Support Systems Engineer, WSDOT
Blane Long, HDR

9:40 – 10:00 a.m.  
Discussion

10:00 – 10:30 a.m.  
BREAK

Moderator:
Gina Gallegos, P.E.,
San Antonio District, TxDOT

INNOVATIONS/TECHNOLOGY

10:30 – 11:00 a.m.  
*Slide-In-Bridge Fredericksburg Medical Center*
Lonnie Ragsdale, P.E.,
San Antonio District, TxDOT
David Griffin,  
Texas Sterling Construction Co.

11:00 – 11:20 a.m.  
*Pre-Fabricated PCC Intersection Replacement*
Andy Naranjo, P.E.,
Construction Division, TxDOT

11:20 – 11:45 a.m.  
*Safety: Work Zone Early Warning System*
Mike Murphy, P.E.,
Center for Transportation Research,  
The University of Texas at Austin

11:45 a.m. – Noon  
Discussion
**ENVIROMENTAL**

ROOM: MSC 2406 A&B

**Program and Session Co-Chairs:**
- Dan Perge, P.E., Dallas District, TxDOT
- Joe Zietsman, P.E., Ph.D., TTI

**Moderator:**
Carlos Swonke, P.G., Environmental Affairs Division, TxDOT

**8:30 – 9:00 a.m.**
NEPA Assignment – 2015
Sue Theiss, Environmental Affairs Division, TxDOT

**9:00 – 9:30 a.m.**
Scoping for Complicated Projects
Mike Chavez, Environmental Affairs Division, TxDOT

**9:30 – 10:00 a.m.**
NEPA and Local Governments
Lain Ellis, Ph.D., Environmental Affairs Division, TxDOT
Mike Graham, Laredo District, TxDOT

**10:00 – 10:30 a.m.**
BREAK

**10:30 – 11:00 a.m.**
Air Quality Emerging Issues
Jackie Ploch, Environmental Affairs Division, TxDOT

**11:00 – 11:30 a.m.**
Planning and Environmental Linkages (PEL)
Sandy Wesch, AICP, NCTCOG

**11:30 a.m. – Noon**
Mitigation Tracking
John Overman, AICP, PG, TTI

**MATERIALS II**

ROOM: MSC 2300 A&B

**Program and Session Co-Chairs:**
- Michael Bostic, P.E., Fort Worth District, TxDOT
- David Newcomb, P.E., Ph.D., TTI
- Andrew Wimsatt, P.E., Ph.D., TTI

**Moderator:**
David Newcomb, P.E., Ph.D., TTI

**8:30 – 9:00 a.m.**
Recycled Engine Oil Bottoms and Polyphosphoric Acid (PPA) in Hot Mix
Ryan Barborak, P.E., Construction Division, TxDOT

**9:00 – 9:30 a.m.**
Fort Worth’s Experience with the Use of SBR Latex in Hot Mix
Richard Williammee, MSCE, P.E., Fort Worth District, TxDOT

**9:30 – 10:00 a.m.**
Alternative Methods for Base Stabilization
- Foamed Asphalt Project in Leon County
  - Stephen Kasberg, P.E., Bryan District, TxDOT
- Emulsion Treated Base as a Stabilization Practice
  - Brett Haggerty, P.E., San Antonio District, TxDOT

**10:00 – 10:30 a.m.**
BREAK

**10:30 – 11:00 a.m.**
Geofoam Use at Bridge Approaches
Anand Puppala, Ph.D., University of Texas at Arlington

**11:00 – 11:30 a.m.**
Slope Stability – Use of Recycled Plastic Pins
Sahadat Hossain, Ph.D., University of Texas at Arlington

**11:30 a.m. – Noon**
Verification of Retroreflectivity
Adam Pike, P.E., TTI
Wednesday October 14

**Planning**

**Room:** Rudder Theatre

**Program and Session Co-Chairs:**
- James Koch, P.E., Transportation Planning and Programming Division, TxDOT
- Katie Turnbull, Ph.D., TTI
- Ed Hard, TTI

**Moderator:**
Aja Davidson, Transportation Planning and Programming Division, TxDOT

**Technology Showcase – Technology Applications for Transportation Planning**

8:30 – 9:30 a.m.

*Current TxDOT Tools for Transportation Planning*
- **Planning Map**
  Mike Zugelder, GISP, Transportation Planning and Programming Division, TxDOT
- **STARS**
  Cleo Williams, Transportation Planning and Programming Division, TxDOT
- **GRID**
  Chris Bardash, GISP, Transportation Planning and Programming Division, TxDOT
- **Aerial Photography**
  Chris Bardash, Transportation Planning and Programming Division, TxDOT

9:30 – 10:00 a.m.

*New and Emerging Technologies for Travel Data*
- **Comparison of Cellular, GPS, and Bluetooth Origin-Destination Travel Data**
  Ed Hard, TTI
- **Real-Time and Archived Travel Time and Speed Data**
  Shawn Turner, P.E., TTI
- **Transportation Planning for Automated and Connected Vehicles**
  Tom Williams, AICP, TTI

10:00 – 10:30 a.m.

**Break**

**Performance-Based Planning, Project Evaluation, and Project Selection – How Does it All Fit Together?**

10:30 a.m. – Noon

**Panel Discussion**
Michelle Conkle, Transportation Planning and Programming Division, TxDOT
- **MPO Perspective**
  Dan Kesler, NCTCOG
- **FHWA Perspective**
  Michael Leary, FHWA
- **Large District TP&D Perspective**
  John Cordary Jr., P.E., Fort Worth District, TxDOT
- **Medium District TP&D Perspective**
  Chad Bohne, P.E., Bryan District, TxDOT
- **Small District TP&D Perspective**
  John DeWitt Jr., P.E., San Angelo District, TxDOT

**Project Management**

**Room:** MSC 2400

**Program and Session Co-Chairs:**
- Chris Caron, P.E., Corpus Christi District, TxDOT
- Curtis Beaty, P.E., TTI
- Christopher Poe, P.E., Ph.D., TTI

**Moderator:**
Jessica Butler, Transportation Planning and Programming Division, TxDOT

8:30 – 9:00 a.m.

*Planning and Developing a District’s Portfolio of Projects Considering TxDOT Funding Increases*
Colt Amberg, PMP, Transportation Planning and Programming Division, TxDOT

9:00 – 9:30 a.m.

*How to Engage the Public in Selecting and Prioritizing Projects for Development*
Jefferson Grimes, Office of Public Involvement, TxDOT

9:30 – 10:00 a.m.

*Lessons Learned from Constructing Multiple Projects within a Condensed Timeframe on I-35 in the Waco District*
John Jasek, P.E., Waco District, TxDOT
John Habermann, P.E., TTI

10:00 – 10:30 a.m.

**Break**

**ProjectWise™ Status Update**
Brent Hillebrenner, P.E., Design Division, TxDOT
Peter Sissons, Enterprise Systems Office, TxDOT

11:15 a.m. – Noon

*Local Government Projects Toolkit – An Online Resource for Project Managers*
David Millikan, P.E., Local Government Projects Office, TxDOT
WEDNESDAY
OCTOBER 14

ROOM: RUDDER AUDITORIUM

**STRUCTURES AND HYDRAULICS**

**Program and Session Co-Chairs:**
Bonnie Longley, P.E.,
San Antonio District, TxDOT
Roger Bligh, P.E., Ph.D., TTI

**Moderator:**
Michelle Romage-Chambers, P.E.,
Austin District, TxDOT

**8:30 – 9:00 a.m.**
*Bridge Design Manual and Bridge Standards Updates*
Jamie Farris, P.E., Bridge Division, TxDOT
Amy Smith, P.E., Bridge Division, TxDOT

**9:00 – 9:20 a.m.**
*Repair of an 80-Year-Old Dry Stack Wall*
Ryan Eaves, EIT,
Bridge Division, TxDOT

**9:20 – 9:40 a.m.**
*“Why Do I Need a Hydraulic Model? I’m Not Changing Anything”*
Jorge Millan, P.E., CFM,
Design Division, TxDOT

**9:40 – 10:00 a.m.**
*Anchorage of High Strength Reinforcing Steel Bars with Standard Hooks*
Adolpho Matomoros, P.E., Ph.D., UTSA

**10:00 – 10:30 a.m.**
**BREAK**

**10:30 – 10:50 a.m.**
*Concrete Repair in Action: Using the New Manual as a Guide*
Christen Longoria, P.E.,
San Antonio District, TxDOT

**10:50 – 11:10 a.m.**
*Soil Nail Basics*
John Delphia, P.E.,
Bridge Division, TxDOT

**11:10 – 11:35 a.m.**
*Planning and Design Tools: Bridge Data at the Click of a Tab for All TxDOT Disciplines*
Claudia Gonzalez-Liendo, P.E.,
Bridge Division, TxDOT

**11:35 a.m. – Noon**
*SPS Deck System for Truss Rehabilitation*
Kevin Moyer, EIT,
Bridge Division, TxDOT

**ROOM: MSC 2300 D&E**

**TRAFFIC OPERATIONS II**

**Program and Session Co-Chairs:**
Rebecca Wells, P.E.,
Atlanta District, TxDOT
Ed Seymour, P.E., Ph.D., TTI
Tony Voigt, P.E., PTOE, TTI

**Moderator:**
Ugonna Ughanze, P.E.,
Houston District, TxDOT

**8:30 – 9:00 a.m.**
*Leveraging Strip Map to Build a Sign Inventory System*
John Nevares, P.E.,
Austin District, TxDOT
Hector Tamez, P.E.,
Austin District, TxDOT

**9:00 – 9:30 a.m.**
*2015 Rail Highway Operations Manual and General Update on TxDOT Railroad Coordination*
Robert Travis, P.E.,
Traffic Operations Division, TxDOT
Luke Chisenhall, P.E.,
Traffic Operations Division, TxDOT

**9:30 – 10:00 a.m.**
*LMR vs. Cellular*
Paul Gilbert,
Radio Operations, TxDOT

**10:00 – 10:30 a.m.**
**BREAK**

**10:30 – 11:00 a.m.**
*Freeway Traffic Responsive Deployment and Evaluation*
Steve Chiu, EIT,
Houston District, TxDOT
Roma Stevens, P.E., PTOE, TTI

**11:00 – 11:30 a.m.**
*Galveston/Bolivar Ferry ITS System*
Valerie Taylor, P.E.,
Houston District, TxDOT
Tony Voigt, P.E., PTOE, TTI

**11:30 a.m. – Noon**
*Overheight Vehicle Detection System Deployment and Evaluation*
Magdy Kozman, P.E.,
Houston District, TxDOT
Roma Stevens, P.E., PTOE, TTI
All MSC Sessions Are on Second Floor

Rudder Tower
Opening Session
Rudder Auditorium (morning)

Design
Rudder Theatre (afternoon)

Maintenance and Pavement Management
Rudder Auditorium (afternoon)

Right of Way
Koldus 110/111 (afternoon)

All MSC Sessions Are on Second Floor

Rudder Tower
Planning
Rudder Theatre

Structures and Hydraulics
Rudder Auditorium
According to the Texas Board of Professional Engineers (TBPE), 15 professional development hours (PDHs) are required each year for license renewal. A PDH is defined as a contact/clock hour on any qualifying course or activity with a clear purpose and objective to maintain, improve, or expand the skills and knowledge relevant to the license holder’s engineering field. Courses, presentations, or activities related to engineering in a technical, managerial, or ethical manner count toward PDHs.

There are two basic criteria for an activity to count:
1. Is the specific activity on the list of activities in the rule? (See the TBPE website for an excerpt from the rule.)
2. Is the activity relevant to the practice of a technical profession and does it include technical, ethical, or managerial content?

The board wants the reporting process to be as simple as possible, and, as such, there are only two things that a license holder needs to do:
1. Certify on the renewal statement that you have completed the Continuing Education Program (CEP) requirement and return it with your renewal payment. This is the main document that the board reviews and keeps as a record of completing the CEP requirement.
2. Keep some sort of paper proof of your activity. We recommend that you retain a copy of the program along with any presentations you attended.

For additional information:
TxDOT Employees should contact Chris Young at (512) 486-5475.
Non-TxDOT Employees should access the TBPE website:

### PROFESSIONAL DEVELOPMENT HOURS

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### ADDITIONAL SESSION TOPICS

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<td></td>
<td>Environmental</td>
</tr>
<tr>
<td></td>
<td>Materials II</td>
</tr>
<tr>
<td></td>
<td>Planning</td>
</tr>
<tr>
<td></td>
<td>Project Management</td>
</tr>
<tr>
<td></td>
<td>Structures and Hydraulics</td>
</tr>
<tr>
<td></td>
<td>Traffic Operations II</td>
</tr>
</tbody>
</table>

Signature (Your signature certifies your attendance at the sessions indicated.)
## 2015 Short Course at a Glance

### Monday, October 12

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 p.m. – 4:30 p.m. or 5:00 p.m. – 6:00 p.m.</td>
<td>Ethics for Transportation Professionals</td>
</tr>
</tbody>
</table>

Location: Brazos County Expo Complex, Texas Ballroom

(This course satisfies the TBPE requirement for 1.0 hour of continuing education in ethics.)

### Tuesday, October 13

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Lunch on your own</td>
<td></td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Alternative Project Delivery</td>
<td>MSC 2406 A&amp;B</td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Construction I</td>
<td>MSC 2300 C</td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Design</td>
<td>Rudder Theatre</td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Maintenance and Pavement Management</td>
<td>Rudder Auditorium</td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Materials I</td>
<td>MSC 2300 A&amp;B</td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Right of Way</td>
<td>Koldus 110/111</td>
</tr>
<tr>
<td>1:30 p.m. – 5:00 p.m.</td>
<td>Traffic Operations I</td>
<td>MSC 2300 D&amp;E</td>
</tr>
</tbody>
</table>

### Wednesday, October 14

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Construction II</td>
<td>MSC 2300 C</td>
</tr>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Environmental</td>
<td>MSC 2406 A&amp;B</td>
</tr>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Materials II</td>
<td>MSC 2300 A&amp;B</td>
</tr>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Planning</td>
<td>Rudder Theatre</td>
</tr>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Project Management</td>
<td>MSC 2400</td>
</tr>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Structures and Hydraulics</td>
<td>Rudder Auditorium</td>
</tr>
<tr>
<td>8:30 a.m. – Noon</td>
<td>Traffic Operations II</td>
<td>MSC 2300 D&amp;E</td>
</tr>
</tbody>
</table>
Sponsored by the Texas Department of Transportation and the Texas A&M Transportation Institute

90th Annual Transportation Short Course
October 10–12, 2016
Texas A&M University ★ College Station, TX