



CONCRETE CONFERENCE

GOLD SPONSORS



CONNECTING A SUSTAINABLE AND RESILIENT FUTURE



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APRIL 9-11, 2024

UT Austin, Commons
Conference Center

10100 Burnet Rd, Building 137,
Austin, TX 78758



Tuesday, April 9, 2024

6:00 Speaker & Sponsor Dinner – *By Invitation*

Wednesday, April 10, 2024

7:30 – 8:30 Continental Breakfast, *Atrium*

8:00 Registration & Exhibits Open, *Atrium*

9:00 – 10:30 Keynote Session

Big Tex Auditorium

Welcome and Opening Remarks

Andrew Pinkerton, Executive Director, Cement Council of Texas

Keynote Speaker

Lance Simmons, Chief Engineer, Texas Department of Transportation

Keynote Speaker

Al Alonzi, Division Administrator, FHWA-Texas Division

10:30–11:00 Coffee Break & Exhibitor Spotlights, *Atrium Hall*

“Advanced Testing System for Fiber-Reinforced Concrete” - KLP Construction Supply, *Tower Room*

“2018 ICC PAVIX Project at MOPAC & 183 the FACTS” - ICC Distribution Group, *Lone Star Room*

11:00–12:30 Concurrent Sessions

Big Tex Auditorium

Sustainability & Resiliency:

Part I

Moderator: *Ryan Barborak,*

TxDOT

National Update on

Sustainability

Brian Killingsworth, NRMCA

EPDs: Communicating the

Environmental Impact of a

Product or Material

Corey Zollinger, Cemex

City of Austin’s Low Embodied

Carbon Concrete Plan

Angela Johnson & Ed Poppitt,

City of Austin Transportation

Public Works

Balcones Room

EIT Session: Concrete 101

Concrete 101

Rachel Cano, TxDOT

12:30 – 1:30 Lunch, *SPONSORED BY HOLCIM, Atrium*

1:30 – 3:00 Concurrent Sessions

Big Tex Auditorium

Sustainability & Resiliency:

Part II

Moderator: *Andrew Pinkerton,*

CCT

Concrete – The Most

Sustainable Material

Brian Killingsworth, NRMCA

Panel Discussion with Texas

Cement Producers about Type

IL

Balcones Room

EIT Session: Concrete Pavements

TxDOT’s Rigid Pavement Policy & Design Procedure

Ruben Carrasco, TxDOT

Pangil Choi, TxDOT

PavementDesigner.org

Tyler Speakmon, Cemex

3:00 – 3:30 Break & Exhibitor Spotlights, *Atrium*

“Come Meet a Concrete Pavement Forensic Expert” - 2TM Consulting Engineers, *Tower Room*

3:30 – 5:00 Concurrent Sessions

Big Tex Auditorium
Highway Pavements: Factors Affecting Concrete Pavement Performance

Moderator: Nancy Beltran, CCT

Optimum Steel Design for CRCP

Moon Won, Texas Tech University

Reevaluation of CRCP Design Life in Texas

Pangil Choi, TxDOT

Importance of a Good Foundation on Pavement Performance

Ruben Carrasco, TxDOT

Soil Cement Design Parameters

Ben Reese, Raba Kistner Inc.

Lil' Tex Auditorium

Bridges: Fire Damage to Bridge Structures – Protection of Assets

Moderator: Hector Garcia, FHWA

Bridge Projects

Biniam Aregawi, TxDOT

State Perspective on Good Inspection Practices and How to Assess Damages

Kevin Pruski, TxDOT

Local Perspective on Prevention Techniques and How to Protect Bridge Structures

Ed Poppitt, City of Austin

Balcones Room

EIT Session: Bridge

Common Retaining Walls & Selection Criteria

Sharad Dumre, TxDOT

Bridge Decks

Daryn Sims, TxDOT

Prestressed Beam Design

Hunter Walton, TxDOT

6:00 - 8:00 Networking Event, Punch Bowl Social at the Domain

Thursday, April 11, 2024

7:30 – 8:00 Continental Breakfast, Atrium

8:00 – 9:00 Registration Open, Atrium

8:00 – 9:00 Distinguished Lecturer

Big Tex Auditorium

Let People Prosper By Unleashing Taxpayers' Potential

Vance Ginn, Ph.D., Ginn Economic Consulting

9:00 – 9:30 Coffee Break (Atrium Hall) & Exhibitor Spotlight

“Retexturing Concrete Pavement” - Skidabrader Group, Tower Room

9:30–10:30 Concurrent Sessions

Big Tex Auditorium

Highway Pavements: Rehabilitation and Evaluation Strategies

Moderator: Andy Naranjo, TxDOT

Bonded Concrete Overlay Project in Paris

Austin Shatto, TxDOT

Cole Stringer, TxDOT

Concrete Pavement Blow-Ups, Its Prevention, and Repair: Houston's Approach

Asm Asifur Rahman, TxDOT

Structural Evaluation of

Jointed Concrete Pavements

Lil' Tex Auditorium

Bridges: Addressing Infrastructure Challenges

Moderator: Kevin Pruski, TxDOT

Retaining Wall Failures

Ryan Eaves, TxDOT

Rail Retrofits

Hunter Walton, TxDOT

Unique MSE Wall Rehab Projects

Balcones Room

Streets & Local Roads: Competition in the Pavement Market and Best Practices for Jointing

Moderator: Randy Bowers, CCT

Competition in the Pavement Market

Tim Martin, 2TM Consulting Engineers, LLC

Pavement Panels with Optimized Geometry

Amy Douglas, T.C. Barber, Inc.

Considerations for Joint Layout Plans to Avoid Expansion

with Traffic Speed Deflectometer (TSD) - Our Knowledge to Date.
Martin Scavone Lasalle, ARRB

Marcus Galvan, Foresight Planning & Engineering Services, LLC

Breaks
David Venegas, Vemac

10:30–11:00 Break & Exhibitor Spotlights, Atrium

"Want a Project that Last Longer, is Faster & Cost Less? Do FDR with LithTec!" LithTec Texas, Tower Room

11:00–12:30 Concurrent Sessions

Big Tex Auditorium
Highway Pavements: Overcoming Design and Construction Challenges Part I
Moderator: Lisa Lukefahr, TCPA
I-35 Capital Express Central
David Merritt, The Transtec Group
US 281 – CRCP Overweight Corridor Design and Urbanized Construction
Daniel Garcia, TxDOT
SH 199 & SH 170– Concrete Challenges - North Tarrant
Alfredo Luera, TxDOT & Ralph Browne, Browne Engineering Partners
Cresson Project in Fort Worth – Lessons Learned
Sarah Horner, TxDOT

Lil' Tex Auditorium
Bridges: Innovations in Bridge Construction
Moderator: Kevin Pruski, TxDOT

Mass Placement
Chris Gomez, TxDOT

Concrete Placement Inspection
Daryn Sims, TxDOT

Bridge Foundations
Alexis Barron, TxDOT

Balcones Room
Streets & Local Roads: Benefits and Challenges of Roller-Compacted Concrete (RCC)
Moderator: Corey Zollinger, Cemex
Design Considerations for RCC Pavements
Fares Abdo, Morgan Corp.
Port of Houston Project – A Contractor's Perspective
Port of Houston Authority & Tim Maune, Rollcon
RCC Applications in Dam Construction
Del Shannon, Kiewit Engineering Group Inc.

12:30 – 1:30 Lunch and Awards, Atrium

1:30 – 3:00 Concurrent Sessions

Big Tex Auditorium
Highway Pavements: Overcoming Design and Construction Challenges II
Moderator: Dan Rozycki, The Transtec Group
Construction of the 2.1-Mile SH 146 Express Bridge in Houston
David Ballard, TxDOT
Impact of Commercial Development in the Laredo District
Antonio Reyna, TxDOT
Luis Castillo, TxDOT
Texas SMARTTrack
Mike Arellano, TxDOT

Lil' Tex Auditorium
Bridges: CBEI Projects and Facility Tour
Moderator: Kevin Pruski, TxDOT

NextGen Decks in Texas: Elimination of Forming and Brackets for Overhang
Hwa-Ching "Dennis" Wang, UT
Leveraging UHPC for Simplified and Accelerated Deck Joint Closure
Michelle Sabers, UT

Concrete Bridge Engineering Institute – CBEI
Greg Hunsicker, UT – Austin, CBEI

Balcones Room
Streets & Local Roads: Unique Low-Maintenance Methods
Moderator: Randy Bowers, CCT

Case Study: Resilient, Sustainable & Low Maintenance Pavements for Local Roads
Corey Zollinger, Cemex
Travis County's First Concrete Road in 18 Years
Scott Lambert, Travis County

Pervious Concrete Performance in Poorly Draining Soils of Southeast Texas
Liv Haselbach, Lamar University
Getting Concrete Right with Roundabouts
Mark Lenters, Kimley-Horn