

2018-2019 TCPA Board of Directors

Schulgen, Seth (Past President)
Williams Brothers Construction Co.

Green, Tom (President)
Cemex, Inc.

Johnson, Joe Dan (Vice President)
Sika Construction

Brown, Mark (Secretary/Treasurer)
Zachry Construction Corporation

Dacus, Stan (Director)
Lehigh Hanson, Inc

DeYoung, Jim (Director)
VHSC Cement LLC

Dyson, David (Director)
Ash Grove Texas, LP

Godkin, Nick (Director)
Flatiron Constructors, Inc.

Pace, Pat (Director)
O. Trevino Construction

Rempe, John (Director)
Balfour-Beatty Infrastructure

Van Cleve, Curtis (Director)
Webber Construction, LLC

2018 TCPA Members

- Ash Grove Cement
- Austin Bridge and Road
- Balfour Beatty Infrastructure
- Barnsco Inc.
- BASF Construction Chemicals
- CEI Enterprises, Inc
- Cemex Inc.
- Commercial Metals Company
- CTS Cement Manufacturing Corp.
- Edgeworth Construction Products
- Flatiron Constructors Inc.
- GOMACO Corporation
- Hallett Materials
- Ingios Geotechnics, Inc.
- James Construction Group
- J.M. Marschuetz Construction Co.
- Lehigh Hanson
- Martin Marietta
- O. Trevino Construction
- PaveTex Engineering & Testing, Inc.
- Power Curbers Companies
- Sika Construction
- Texas-Sterling Construction, Inc.
- The Transtec Group, Inc
- VHSC Cement LLC
- Webber
- Williams Brothers Construction Co.
- Zachry Construction Corporation

Texas Concrete Pavement Association

Elizabeth (Lisa) Lukefahr, P.E., Executive Director
P.O. Box 300416
Austin, TX 78703

Phone: 512-956-8272 (TCPA)
E-mail: lisa@texasconcrete.org

Website: www.texasconcrete.org

Texas Concrete Pavement Association



Summer 2018

*Expanding the use of quality
concrete pavements in Texas*



Progress is Being Made

Since 2005, the percentage of TxDOT lane mileage with concrete as the surface course has increased from **7.5%** to **9.2%** of the total network.

While a 1.7% increase may not seem like much, consider that this equates to a total **3,710 lanes miles** of *new* concrete pavement.

840 lane miles of jointed concrete pavement were either overlaid or removed during this time period, while the total of continuously reinforced concrete pavement (CRCP) lane miles increased by 4,550 lane miles from 2005-2017!

TxDOT CRCP added from 2005-2017 =

4,550 lane miles !!

This increase in new CRCP lane mileage was *twice* that of new asphaltic concrete pavement lane mileage added during the same time period.

TCPA News

We have 2 new members added thus far in 2018:

- Flatiron Constructors, Inc.
- Power Curber Companies

Please keep spreading the word about the benefits of concrete pavement promotion in Texas!

BETTER ROADS

CRCP roadways proved resilient after Hurricane Harvey – and states are taking note

Joy Powell | May 9, 2018

Did you miss the May article in Equipment World's *Better Roads*? The article highlighted the superior performance of CRCP during the Hurricane Harvey flooding last year. Here's how the article begins.....

After Hurricane Harvey and more than 40 inches of rain swamped the Houston area, the floodwaters slowly receded to reveal one positive sign: the Texas DOT freeway system within the city was intact.

Survival of that infrastructure points to the high resiliency of continuously reinforced concrete paving (CRCP) after flooding and other disasters, says Elizabeth Lukefahr, executive director of the Texas Concrete Pavement Association.

Is CRCP a better value than other pavement types?

After compiling almost 19 million records from 4 different TxDOT databases, a TCPA presentation given at the 2018 TxDOT CCT Concrete Conference showed that for the 5 metro areas from 2005-2017:

- For a \$1B expenditure, TxDOT could construct **654** new lanes miles of PCCP, while **2,978** miles of existing concrete pavement required maintenance.
- OR
- For the same \$1B expenditure, 7,550 lane miles of ACP required maintenance, leaving enough funding to construct a mere **53 miles** of new ACP pavement.

Concrete Pavement Design Updates

Coming Soon

- Webinars will be jointly sponsored by TxDOT, TTI, TCPA and TxAPA covering the TxDOT Pavement Manual, covering one design-related chapter per month.
 - ⇒ Contact TCPA to be placed on the mailing list and/or stay tuned for e-mail announcements.

May 2018

- TxCRCP-ME is the official TxDOT CRCP design tool. It has been condensed into a simplified spreadsheet and is available at:
 - ⇒ <https://www.txdot.gov/business/resources/engineering-software.html#>
- AASHTO (1993) Rigid Pavement Design Procedure for CPCD is the official TxDOT design method for jointed pavements.
- The TxDOT Pavement Manual is located at:
 - ⇒ <http://onlinemanuals.txdot.gov/txdotmanuals/pdm/pdm.pdf>

May 2017

- The Statewide CRCP Standards have been updated and raise the Coefficient of Thermal expansion limit to 4.3 microstrain/deg F, as listed in the Concrete Rated Source Quality Catalog. Statewide standards are located at:
 - ⇒ <https://www.txdot.gov/inside-txdot/division/design/cad.html>



For member convenience, TCPA now has the capability to accept credit card payments for annual membership dues. Transactions will be over the telephone and keyed in directly, so member information remains secure and keeps TCPA overhead costs as low as possible.



CHASENET