



## March Chapter Meeting Retrospective

(since the newsletter is later than usual.)

# PERVIOUS CONCRETE

## Frank Kozeliski, PE, FACI

On March 18, the Northeast Texas Chapter meeting welcomed Mr. Frank Kozeliski. He spoke on the use of pervious concrete in pavements and how it can be used to retain water for percolation and delayed drainage. Mr. Kozeliski discussed pervious concrete mix design and placement for maximum benefit. His presentation discussed how pervious pavement works in the snow, which, after the current winter, is a topic in which we should all be interested. It focused on practical ways to use pervious concrete pavement and included several example projects.

Mr. Frank Kozeliski, PE, FACI, is a Consultant and Materials Engineer. Mr. Kozeliski chairs the Pervious Concrete promotion committee for the National Ready-Mixed Concrete Association. He owned and operated Gallup Sand & Gravel for many years before selling in 2007. He has been active in placing and working on Pervious Concrete the

past 20 years and using recycled materials such as glass, rubber, and recycled paper in concrete. Frank was on the cover of "The Concrete Producer" and listed as the "Godfather of Pervious".

He graduated from New Mexico State University with BS and MS degrees in civil engineering, and is a registered professional engineer in New Mexico, Texas, and Alabama. He is an ACI Fellow and has been active in the ACI New Mexico Chapter since its inception. He served as Chair of ACI 211 - Proportioning Concrete and is a member of ACI 229 - Flowable Fill; ACI 305 - Hot Weather Concreting; ACI 308 - Curing; ACI 330 - Concrete Parking Lots and Site Paving; and E801 - Student Activities. He also is a member of several other professional organizations.

## From the Editor

With its size, Northeast Texas has great diversity of ideas and experiences. We need your ideas to make this chapter work for ALL of its members.

For my part, as the new Chapter publications editor, I'd like to invite your comments on the newsletter and website. You will notice a few changes to the newsletter and website in the coming months, let me know if you like them.

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## Repairs in Progress

Repairs underway to the I-20 bridge near Pecos, TX, in 2004. Damage resulted from loss of underpinning during a flood.



### Latest Headlines

#### Northeast Texas Chapter hailed as Excellent Chapter in 2009

At the Spring Convention in Chicago, ACI recognized the Northeast Texas Chapter as an "Excellent Chapter in 2009". Previously, NETX was recognized as "Outstanding Chapter" for prior years, so the new recognition improves over prior years.

#### Vartan Babakhanian awarded 2010 ACI Certification Award

In recognition of his ongoing efforts to improve the field testing of concrete through the ACI field technician certification programs, ACI awarded Northeast Texas Chapter certification manager Vartan Babakhanian one of three ACI Certification Awards for 2010.

#### Victor Villarreal awarded 2010 ACI Construction Award

Continuing the list of NETX members recognized at the 2010 Spring ACI Convention, Victor Villarreal was recognized with the ACI Construction Award for "his paper describing the benefit of replacing a portion of normalweight aggregates to mitigate plastic and drying shrinkage cracking."

#### Isam (Sam) Munir Recognized For 50 Years of ACI

ACI has recognized NETX member Sam Munir for his 50 years of ACI membership.

### Next Meeting:

**May 20  
Chapter Meeting  
Brookhaven College Ellison  
Miles Geotechnical Institute  
Registration - 2:30 p.m.  
Meeting - 3:00 p.m.  
Board Meeting after**

### May Meeting

#### Using New Technologies to Improve Concrete Performance

**Jack Gibbons, Central Region Manager,  
Concrete Reinforcing Steel Institute**

Architects, engineers, and contractors will benefit from this discussion on Jack Gibbon's experience in the development of high performance concrete. This presentation provides a background as to how new admixture technology was used to solve unique and specific concrete application problems leading up to the development of the ultra-high performance 16000 PSI self-consolidating mixes for the 100-story Trump Tower project in Chicago.

This program is a result of Mr. Gibbons' many years as Director of Technical Services for Central Ready Mixed in Milwaukee and Prairie Materials in Chicago. He is a long time member of the American Concrete Institute, serving on committees 302 "Guide for Concrete Floor and Slab Construction", 360 "Design of Slabs on Grade", 362 "Parking Structures", and recently 309 "Consolidation". Mr. Gibbons is also a past President of the Wisconsin Chapter of ACI.

### ACI Concrete Field Testing Technician Grade I Certification Examination

The North Texas Chapter of ACI will be conducting a certification examination on May 15th, 2010. This examination will be at the Hanson Technical Services Lab (Weather permitting). Training is on May 14.

To prepare for the examination, the certification committee needs everyone to take the exam to fill out a registration form. A check for \$280.00 per person must be sent in with the registration form before May 7, 2010.

There must be at least 10 applicants to hold this test. This fee covers the cost of the full examination (written and performance) and lunch. In the event you need to retake only one portion of the exam, see the brochure for the fee.

Remember that your certification expires five years from the date of your most recent successful examination

and you must be re tested before expiration of your current certification to retain it.

Check-in for examination will began at 7:00 a.m. An ACI demonstration video will be shown from 7:00 to 8:00

a.m. From 8:30 to 9:30 a.m., the written portion of the exam will be conducted. From 9:30 a.m. to ????

The performance portion of the exam will be conducted. We try to finish no later than 5.00 p.m.

Examinee should bring at least two No. 2 lead pencils, an eraser, and a calculator. The exam requires a working knowledge of the following ASTM Standard Methods or Procedures C-172, C-143, C-231, C-173, C-138, C-3, and C-1064. If you have any questions, call

Vartan Babakhanian:  
Phone: (972) 260-3646  
Fax: (972) 260-3655

### ACI 2012 Spring Convention

Dallas will once again host an ACI national convention on March 18-22, 2012. The convention will be held at the Hyatt Regency, with the theme, "The Art of Concrete."

Local activities and host committee chairperson is our own Victor Villarreal. Future issues of the Matrix will provide information from Victor on how you can get involved in making this convention a success.

**Stephen J. Bradley**  
Regional Manager



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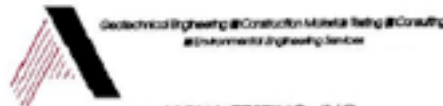
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# PRESIDENT'S MESSAGE

**“Our goal is to provide value to and increased participation at our meetings.”**

Growing up in the upper Midwest, I enjoy cooler weather and hate the triple digit days of summer in North Texas. However, the weather the past two or three months have gotten me down. The rain and snow has affected outdoor activities, not to mention creating some slow weeks at work. Here's hoping for a nice spring.

I enjoyed our January membership meeting. Dr. Tyler is an entertaining and knowledgeable speaker. The idea of changing the way air-content is measured seems like a monumental task and I am sure it will take years to develop a field system that is fast and reliable. I am very glad that Jonathan Poole is the Vice President and Program Chairman this year. Through Jon's education and engineering career, he is well connected with many concrete experts. I look forward to the remainder of the programs this year

The chapter had a seminar in February presented by The Masonry Society. The topic was "Special Inspection of Structural Masonry Construction". It was an informative seminar and I received positive responses from the attendees. I found putting on a seminar was challenging, but I feel the

rewards outweigh the time spent organizing the event. If anyone has an idea or a need for a seminar, please contact a board member. This chapter is full of knowledgeable and helpful people.

We will soon be forwarding a brief survey to all chapter members. We are interested in when and where the membership would like to have our meetings. We are also interested in any topics the membership would like presented at our meetings. I would appreciate it if everyone would take the time to fill out the survey. Your thoughts and ideas are important to the Board. Our goal is to provide value to and increase participation at our meetings.

I look forward to seeing everyone at the March meeting on the 18<sup>th</sup>.

Sincerely,

Eric Cleveland, P.E.  
Terracon



**Damaged,  
But Intact:  
Concrete after  
Charley**

## US EPA & Coal Combustion Products

There has been talk lately about the Environmental Protection Agency (EPA) considering reclassification of coal combustion products, like fly ash, to that of a hazardous waste. This primarily arose after a couple of high-profile events where wet ash impoundments deteriorated and failed. The EPA is currently investigating ash pond levees and surveying their owners/operators.

The EPA commitment to reducing the placement of coal combustion products into landfills is best demonstrated by one statement from their website: "EPA strongly supports the beneficial use of CCPs in appropriate circumstances and established a goal in its [Strategic Plan](#) to achieve a recycling rate of 50 percent of all CCPs by 2011."

## ACI Northeast Texas

Established in 1964, the Northeast Texas Chapter of the American Concrete Institute covers northeast Texas, including the DFW metropolplex. Our Chapter conducts meetings in January, March, May, July, and September. Meetings are typically held the third Thursday of the month at Ellison Miles Geotechnical Institute, Brook Haven College, Dallas.

## Membership

If you are interested in joining the Chapter, please visit [aci-netx.com](http://aci-netx.com) and click on the membership link.

If you need more information, contact Bob Henry at 817-723-9975 or [henryrs@tx.rr.com](mailto:henryrs@tx.rr.com)

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