



**Missouri Society of
Professional Engineers**

A state society of the National Society of Professional Engineers

*"Our mission is to promote the ethical
and competent practice of engineering"*

Ozark Chapter - April 2011 Newsletter

<http://www.mspe.org/index.html>

<http://www.ozarkelectric.com/MSPE/>

April Meeting



When: Thursday, April 7, 2011

Where: 425 West, located at 425 W Walnut

Time: 12:00 noon

Lunch is \$12

Bruce Wylie, Executive Director MSPE, will be giving an update on legislation of interest at the state and national level.

mspe.org/contact.html

Thursday, April 7, 2011

Mark Your Calendar



Next Chapter Meetings:

May 5

June 2

July 7

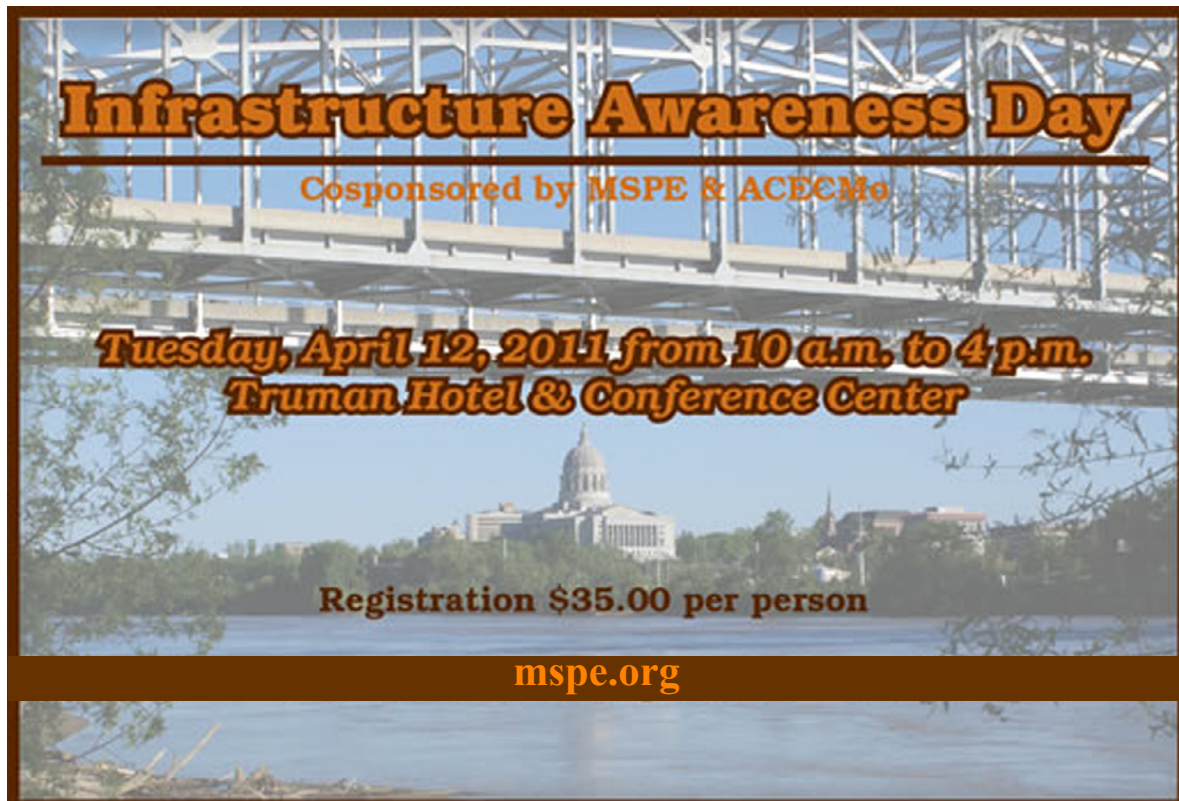
August 4

Newly Registered Professional Engineers Certificate Presentation Ceremony

**Friday, April 15, 2011, 2:30 to 4:00 p.m.
The Capitol Rotunda, Jefferson City, Missouri**

Kurt Higgins, P.E., Bart Korman, P.E. and Judy Kempker will address the newly registered engineers before the presentation of certificates. Britt Smith, P.E., MSPE President elect, will be the Master of Ceremonies.

You are invited to attend this ceremony. Please RSVP your attendance by April 08, 2011. Invitations have been sent to 120 newly registered professional engineers. If you have any question, please contact Marla Day, Director of Membership at (573) 636-4861 or marladay@mspe.org



Infrastructure Awareness Day

Cosponsored by MSPE & ACECMo

**Tuesday, April 12, 2011 from 10 a.m. to 4 p.m.
Truman Hotel & Conference Center**

Registration \$35.00 per person

mspe.org

The Bridge Contest

The bridge contest will be held on **Wednesday, April 6, 2011** at Hammon's Student Center on the MSU campus will begin at 4:30 and testing will begin at 5:00. With enough volunteers, we again hope to be finished with the competition by approximately 8:00 (or sooner).

Volunteers may park in either of the MSU Parking Garages (Bear Park North on Cherry Street, or Bear Park South located at Grand and Holland). Parking in other locations may result in a parking ticket.

The Bridge Contest



Jared Davis is the concrete canoe formwork team leader, and the Treasure of the Missouri State Civil Engineering Club. He currently a junior in good standing in the program with an expect graduation date of May 2012.

Concrete CANOE

By: Jared Davis

The Missouri State University Concrete Canoe Team is well on its way to achieving their goal of attending the Regional Concrete Canoe competition in Manhattan, Kansas. The team cast their canoe, INCEPTION, on March 8, 2010 working from 9:00 AM till 5:00 PM. The group used a total of 5 ft³ of 61.8 lb/ft³ concrete, all mixed by hand. The name INCEPTION was inspired by the first ever MSU concrete canoe entry, and the beginning of what we hope will be a great tradition of community, and competition. The canoe is currently curing and will be removed from the mold on March 22. At that point sanding will begin to smooth the surface. This will be followed by a stain, and seal. The estimated weight of the canoe is around 300 pounds, but it will float with no problems.

While the canoe is curing, the team is finalizing the design paper and presentation for the competition. This is to be submitted March 25th. The concrete canoe team has received excellent support from the local community, but is still seeking sponsorships to help cover travel and competition costs. Please contact Matt Weber (weber102@missouristate.edu) or Jared Davis (davis30@missouristate.edu) with any questions, concerns, comments, or if you would like to visit INCEPTION that would be great too!

C-PRIME

Center for Project Innovation and
Management Education

Presents:

Matt Stevens

Stevens Construction Institute

April 4-5, 2011



The headlines offer conflicting views of the outlook for recovery of the construction industry in the wake of the recent economic downturn. Will things return to “normal,” or was the growth in the first decade of the 21st century an anomaly? Join us as we examine the future of the construction industry from a contractor’s perspective.

Program Highlights

Monday, April 4, 2011

“The Best Industry In the United States”

5:30 - 6:30 p.m.

Missouri State University

Library 101

Free charge

1.0 PDH

Parking in Lot 19, JQH Parkway, adjacent to Library

Tuesday, April 5, 2011

“Market Based Estimating Pricing and Bidding”

8:00 - 9:15 a.m. and 2:00 - 3:15 p.m.

Missouri State University

Kemper 207

Free charge

Tuesday, April 5, 2011 (Off-campus)

“Adapt or Perish: The New Business Model of Construction Contracting”

5:00 p.m. Social hour - Cash Bar

6:15 p.m. Dinner - \$20 at the door

7:00 p.m. Program

Clarion Hotel, Springfield

The program will be presented by Matt Stevens president of the Stevens Construction Institute, during the regular meeting of the Springfield Contractors Association. Make your membership work for you and bring a friend, a co-worker and/or a prospective member.

Meeting Sponsored by Prestressed Casting

For reservations: Call 862-1313 or

sherylsca@sbcglobal.net or kathysca@sbcglobal.net



Matt Stevens is the president of his own construction contracting consulting firm, Stevens Construction Institute, a multi-discipline consulting firm whose staff has long experience in the construction industry. SCI was founded for the purpose of providing construction estimating, financial management, and project management consulting and training for the construction industry. He had been working with contractors as a management consultant since 1994, and has over 30 years of experience overall including as both a specialty contractor and general contractor.



Department of Technology and
Construction Management

CONGRATULATIONS

Aaron Tyler Hargrave, Ozark Chapter winner of the 2011 Young Engineer of the Year Award

Aaron graduated from University of Missouri-Rolla, and after his graduation was employed with the Missouri Department of Transportation as a Bridge Designer. Locally, he has designed subdivisions in Bolivar, Springfield, and Fordland that included street, sanitary sewer, water distribution, and stormwater management designs. Also, he has successfully completed commercial site developments with multiple municipalities and Departments of Transportation in thirty states across the country, from California to Florida and North Dakota to Texas. He has been active in volunteer work for organizations in Springfield, including Habitat for Humanity, Bass Pro, Springfield Victory Mission, Boys and Girls Club, Churches, and Convoy of Hope.

Save The Date

C-PRIME Presents

Sustainable Sites Workshop

Explore technical solutions to a variety of site design challenges. MSU students in Soils and Foundations will present the effective application of new products and best practices on a 3-D VIRTUAL PROJECT: Product displays from ASP Enterprises.

**Thursday, May 5, 2011, 8:00 a.m. to 12:00 p.m.
Free of Charge 4.0 PDH**

Missouri State University Department of Technology and Construction Management

Reserve a spot by email to cprime@missouristate.edu

If You Have News to Share...

Please send news to dianneslattery@missouristate.edu

The deadline for the May newsletter is April 25.