

ACI FIRST MIX

September 30, 2016 • Issue 20 • www.aci-ncawnv.org

News of events, people and projects in our
Regional Concrete Industry. [Subscribe](#) to ACI FIRST MIX

American Concrete Institute
Northern California  Western Nevada
Chapter
Advancing Our Regional Concrete Industry Since 1958



TUESDAY, OCT. 11 • THE IRON GRILL • SACRAMENTO

Controlling Shrinkage Cracking Nearly Crack-Free Concrete Bridge Decks

PRESENTED BY RIC MAGGENTI
CALTRANS SENIOR MATERIALS AND RESEARCH ENGINEER

Concrete shrinkage is not a new problem. J.B. Johnson discussed it in “A Treatise for Engineers on the Strength of Engineering Materials” in 1897. Caltrans has successfully instituted specifications defining shrinkage limits. Multiple parameters are involved of course and no one party can control such complexity, so collaboration among the owner, engineer, supplier, and contractor is essential. Caltrans’ efforts to minimize bridge deck shrinkage cracking will be detailed.

Our speaker **Ric Maggenti** is a Senior Materials and Research Engineer specializing in bridge concrete with the California Department of Transportation (Caltrans). He received his BA in history in 1979 and BS in civil engineering with a minor in economics in 1985 from California State University, Sacramento. A professional engineer in California, Maggenti has worked for Caltrans since 1983. He has contributed time and expertise on ACI technical committees for years.

Iron Grill 2422 13th Street. Sacramento
916.737.5115 [Click here](#) for map showing free parking.

Make Your Reservations Today!

\$45 - Chapter, ACI, and SNCA Members

\$50 - Non-Members

\$10 - Engineering and CIM Students

\$15 - Help Support a Student Guest

6 PM - Social Hour

7 PM - Dinner Entree Choices

- Vegetarian Pasta Primavera
- Roasted 1/4 Chicken w/Teriyaki Glaze
- 12 oz. Creekstone New York Steak – 3 cooking options
 - Medium-Rare
 - Medium
 - Medium-Well

• All Dinners Include: Baby Spinach Salad, Scalloped Potatoes, Grilled Asparagus, Limoncello Dessert, Coffee and Tea

8 PM - Presentation - Ric Maggenti

**If you know associates that would enjoy the presentation
-- please be sure to sign them up by October 7th!**

ACI CONSTRUCTION AWARDS 2016

HONORING OUR REGION'S BEST PROJECTS
ENTRY DEADLINE FRIDAY, OCTOBER 21ST
BANQUET NOVEMBER 15 • THE CLUBHOUSE AT LAS POSITAS

We want to honor your company's project work. You'll get marketing recognition regionally and nationally. You also acknowledge the project owner and developer by entering their project. We present the whole team with awards at the banquet as the winning projects are each highlighted via PowerPoint.

Download the 2016 ACI Construction Awards Entry Packet. There is no cost to enter up to four projects. Choose [Word file](#) or [PDF format](#).

We have five categories. Your project may be considered in multiple categories.

1. **Architectural** – Visually appealing, judging the concrete's features use or finish, buildings or structure's shape and architectural characteristics.
2. **Structural** – Exceptional use of concrete in the framing system of the building or as a main feature of the structure.
3. **Construction** – Outstanding construction techniques, uses of materials, or new and innovative concrete use.
4. **Unique Use of Concrete** – Projects that fall outside the scope of architectural, structural or construction categories while exhibiting a creative use of concrete.
5. **Green/Environmental** – Concrete focused on reduced greenhouse gases, improved efficiencies of a structure/building. Encouraging market transformation towards sustainable design and exhibiting environmental performance.

- ACI Construction Awards go to the winning entrant and the individual project team members.
- Judges Are Drawn from past presidents of our ACI Chapter, and architectural, engineering, construction and concrete material associations and engineering programs.
- Each Category Winning Entrant receives two tickets to the Awards Banquet and a one-year Chapter Membership.
- Winners Are Eligible for the 2017 International ACI Excellence in Concrete Construction Awards that bring together projects from around the world that have won regional awards.

We welcome your participation. Please call with questions.

Rich Vance, 2016 ACI Construction Awards Chair
and Chapter Past President

rvance@lehighcement.com 925.437.4166

ENTRY DEADLINE: Friday, October 21, 2016



Fall 2016 – Revolutionary Concrete

October 23-27 at the Marriott in Philadelphia

See What's Ahead in Philadelphia

Get a look at the featured lunch speakers, exhibitors and sponsors, and other special events taking place in Philadelphia.

Register Now

To make the most out of your time in Philadelphia this fall, don't forget to add the featured lunches to your registration.

Reserve Your Hotel Room Today

The Philadelphia Marriot Downtown Hotel is the official hotel and all convention events will take place there.

CalCIMA's 2016 Education Conference Set for Nov. 6-9



Omni Rancho Las Palmas Resort & Spa
Rancho Mirage, California

Click [here](#) to register online

Click [here](#) to reserve your hotel room

Click [here](#) to be listed as a sponsor

Industry Job Opportunities

FORTA Corporation A worldwide leader in synthetic fiber research and development is hiring manufacturers' representatives in our region. [Learn more.](#)

Teichert Materials Seeks experienced lab tech in aggregates, asphalt, and concrete testing for their Vernalis QC lab. [Learn more.](#)

ACI Career Center

[Check out](#) ACI's Career Center for a variety of openings.

CalCIMA Job Listings

[CalCIMA](#) authorized a link for us to their job listings. [Learn more](#) about the jobs on their site.

Join the Chapter or Renew [Join Us!](#)

How to Contact Us [Take a Look](#)

Chapter officers, directors, committees, and staff.

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We maintain links to previous issues.

Thank You Speakers & Guests Sept. 13!

Presenters Clay Slocum of CNCA and Hans Stadem of CEMEX USA reviewed RCC history, pavement materials, construction equipment, and surface characteristics. Projects using RCC were compared with costs for asphalt designs. Thank you both!



Chapter Member Chuck King's selfie is with SJSU's Second Place winning entry from the Student Bowling Ball Competition held at the Spring 2016 ACI Convention. SJSU Team Members presented their preparation for the competition. The Chapter provided a \$2500 grant to the SJSU Student Team to help them participate.

Chapter Coming Events

Help us present the kind of events that matter to you -- topics and projects that you'd like to learn more about.

We usually meet on the 2nd Tuesday, with Social Hour at 6 PM, Dinner at 7 PM, and Presentation at 8 PM. Our annual SEAOC/ACI Event in April starts at 5:30 PM.

We update this list as we confirm speakers and locations.

November 15 – The Clubhouse at Las Positas
ACI Construction Awards – Honoring Our Region's Best

April 11 – Sacramento Area
Joint Meeting with SEAOC

May 2017 – Granite Bay Golf Club
ACI Golf Classic – Yep, we return to Granite Bay!

June 13 - Acampo
Annual Meeting at LangeTwins Family Winery

Contacts for Chapter Events

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ACI FIRST MIX Chapter Newsletter Edited by Chapter Communications Manager Bob Lema. Send your information for the newsletter to info@aci-ncawnv.org.

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