



Concrete Conveyor

Southern California Chapter
American Concrete Institute
September 2008

5360 WORKMAN MILL ROAD, WHITTIER CA 90601
Phone: (562)692-4252 Fax: (562) 692-3425

Past Presidents' Night

DINNER MEETING

Past President's Night



Thursday, Sept. 18



Foxfire Restaurant

5717 E. Santa Ana Canyon
Anaheim, CA 92807

5:30 p.m. - Social Hour (No Host Bar)

6:30 p.m. - Dinner

7:30 p.m. - Program

Topic: *California Climate Action Team (CAT)*
By Mr. Tom Pyle (Caltrans)

Abstract: Mr. Pyle has been assigned from the Caltrans' Office of Concrete to lead the AB32 Cement Sub Group of the CAT. By the year 2012, everything from concrete blocks to high performance mixes, and the specifications that govern them, will be affected. Mr. Pyle brings his unique concrete perspective to our Chapter and will discuss how the concrete industry can work to comply with the guidelines put forth through scoping plans from the California Air Resources Board as the State begins to implement facets of AB32.

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President's Message

Hello All!

In the concrete industry facts are facts, so here is a concrete industry fact...we had 83 people attend our June 19th ACI *luncheon*. Thanks to everyone in attendance and if you were there you know the program will not soon be forgotten! As not only president but a regular ACI member it sure seems to me that the ACI membership might be best served with **lunch-time** chapter meetings! If you think this is not a valid conclusion I'd like to hear from you -- please go to www.acisocal.org and email us your opinion.

Concrete today is so much better than just eight years ago thanks in part to ACI knowledge and leadership in the concrete industry. ACI certification is one of the only ways to ensure any concrete project's success, start to finish. If you've been putting off getting key people in your organization ACI certified don't wait any longer...the investment pay rewards immediately. Take advantage of vast networking opportunities: I personally called upon concrete professionals and members of the local ACI Chapter at least 9 times in the last month to assist my clients and a variety of agencies with solid technical concrete and materials information. Your company needs this 300+ member resource available to you also. Don't wait, join today! It's as simple as going to our website (www.acisocal.org) and downloading the membership application or certification form and sending it in.

The Southern California ACI Chapter has been busy and our calendar is still quite full: We thank the folks at Oldcastle for a first-class tour in August and this month we hope to raise a significant amount of money from our student fundraiser golf outing that is set for Sept. 11 (Don't Forget!) at Green River Country Club. The folks at Green River have been quite cooperative with us in the past, and we look to reward them with a full field of golfers. Get a few of your favorite concrete contractors and invite them out!

Also in September we have a special program in store at our dinner meeting on the 18th in Anaheim at the Foxfire restaurant with Mr. Tom Pyle speaking from the California Climate Action Team (CAT). Tom will be joined by Mr. Tom Ruckman and will present some key points of AB 32 and its potential impacts on the concrete products industry. It should be a fascinating discussion, and you can thank Mr. Pyle for taking time to address our ACI chapter by being there. We are planning on raffling off two or three gifts at the conclusion of the presentation and there may be a surprise award handed out. You are entered into the special raffle as soon as you purchase your dinner and we sincerely hope to see you there. It is also Past Presidents' night...How many past presidents will attend?

On Oct. 10th (a Friday!) our annual Contractor Expo, membership drive, BBQ CAR & MOTORCYCLE show is set for the Headwaters Resources facility in Pomona from 11:30 a.m. to 2 p.m. There is a rumor running rampant that a 40% fly ash flatwork demo will be done during the BBQ! **OMG**....40% fly ash!! Certified ACI technicians will be doing basic field testing of the concrete and you can track its performance over 365 days. Copies of the mix design and performance tracking info will be available for review, critique, and amazement. I hope we have more cars to judge and at least 10 hot bikes this year. (Our judges have told me they are not going to be as easy going as last year.)

How's your concrete lately? Have you had any difficulties during this hot weather with concrete performance or acceptance? Is green and sustainable concrete creating headaches or opportunities for you and your facilities? The last time you looked at tuning up an old workhorse mix was...? You looked at certain mix segments and decided to innovate...how?

Contact me anytime.

Drew DeCarlo

ddecarlo@headwaters.com

CALENDAR



SEPTEMBER

- 2 & 6 Field Test Technician Certification Class
Operating Engineers Closed Class, Whittier
- 10, 13, 17 & 20 Field Test Technician Certification Class
Hilton Hotel/Utility Vault, Rancho Cucamonga/Fontana
- 11 Annual Field Day
Green River Golf Course, Corona
- 18 Board of Directors Meeting & Chapter Dinner
Foxfire Restaurant, Anaheim

OCTOBER

- 1, 4, 8 & 11 Field Test Technician Certification Class
PSI Labs, Long Beach
- 7 Laboratory Certification Class
MWD Offices, La Verne
- 10 Chapter Membership Bar-B-Q and Vendor Show
Headwaters Resources Pomona Fly Ash Yard
- 14 Field Test Tech Certification Committee Meeting
Solomon Colors, Rialto

For detailed information, please visit <http://www.acisocal.org/Calendar/index.html>



Looking to be in the “in” crowd?

Be in the know...

Be in demand...

Have a say in your industry...

Be in touch with local issues...

Get your concrete information at:

www.acisocal.org

Chapter News



New ACISCC Members

Asher, Jeff T.; Morley Builders, Santa Monica; jasher@morleybuilders.com

Cordero, Frack J.; Cordero Rubalcaba, Irvine; 949-654-0491

Ekenel, Mahmut; ICC-ES, Whittier; mekenel@icc-es.org

Godbey, Jacob L.; Southwest Inspection & Testing, La Habra;
jacobg@southwesttesting.com

Kreinheder, Mark; W.R. Grace; mark.kreinheder@grace.com

Moske, Walter T.; Retired, Gardena; 310-329-8314

Nader, Namdar; Namdar Engineering, Anaheim; nadir@namdarengineering.com

Nagler, Richard; Increte Systems/Euclid Chemical, Murrieta; rnagler@increte.com

Nguyen, Khanh; City of Costa Mesa, Costa Mesa; knguyen@ci.costa-mesa.ca.us

Norris, Steven B.; Engineering Design Group, San Marcos;
steven.norris@sbcglobal.net

Park, Jeong S.; City of Los Angeles, Los Angeles; jeong.park@lacity.org

Reed, Randle C.; Student, Cal Poly Pomona, Pomona; no email

Sanders, Charles E.; San Diego Unified Port District, San Diego;
csanders@portofsandiego.org

Shaw, Lee A.; Shaw & Sons, Costa Mesa; lshaw@shawconstruction.com

Strobel, Corey; Kryton International, Anaheim; 714-269-3500

Tolles, Eric M.; City of Irvine, Irvine; etolles@ci.irvine.ca.us

Vitkus, Linas J.; Twining Laboratories, Long Beach; lvitkus@twininglabs.com

Ziegler, Mark V.; MVZ Engineering, San Diego; mvziegler63@yahoo.com

CONTEST: What's Going On
With This Picture?



What the heck is going on here? For a chance to win something from the “ACI locker”, email us an answer with your analysis of this concrete. Best (not just correct) answer wins!

What's Going On With This Picture?

Ask Doc Concrete



Dear Doc Concrete,

Do you have any interesting facts on the Hoover Dam?

Dear Reader,

Excellent question! Sometimes in our busy day-to-day lives we forget about the truly groundbreaking projects that represent modern marvels of concrete construction and engineering.

The Hoover Dam is:

- 726 feet high
- 1,244 feet across at the top
- 660 feet thick at the base
- 45 feet thick at the top
- weighs 6.6 millions tons
- can store up 2 years average flow from the Colorado River
- the total storage capacity can be measured in 30,500,000 acre feet
- the surface area of Lake Mead is 146,000 acres
- the maximum water surface elevation of Lake Mead is 1229 ft
- the maximum depth of Lake Mead is 590 ft
- the length of Lake Mead is 115 miles
- has a power generating capacity of 2.8 million kilowatts
- It cost ONLY \$49,000,000 to build the Hoover Dam
- It cost \$165,000,000 to complete the Boulder Canyon Project, which includes the Imperial Dam, Hoover Dam and the American Canal
- The dam contains about 4,360,000 cubic yards of concrete
- There was 96,000,000 lb's of steel and metalwork used by the dam - but none of it is IN the dam
- Contrary to urban legend, NO ONE IS BURIED IN THE DAM
- About 16,000 men and women worked on the project
- About 3,500 people were employed at any one time
- Officially there were 96 industrial fatalities during the construction of Hoover Dam. This figure does not include deaths by other means including heat exhaustion, heart problems and, surprisingly, pneumonia. Another estimate is 112, and that supposedly includes a longer time frame than just the construction period. Oddly the larger estimate also holds some irony: it begins the count on Dec. 20, 1922 with J.G. Tierney, a Bureau of Reclamation employee, who was part of a geological survey and drowned when he fell from a barge. Exactly 13 years later, in 1935, his son Patrick W. Tierney, fell to his death from an intake tower.
- Construction on the Hoover Dam began on September 30, 1930. The last concrete was poured in 1935
- The Hoover Dam was the first single structure to contain more masonry than the Great Pyramid at Giza
- The concrete used to make Hoover Dam was set with cooling tubes that sped up a process which would normally have taken more than a century to complete
- For many years after construction, it was the world's highest dam; it now merely ranks as the 18th highest
- The Hoover Dam can store up to 9.2 trillion gallons of the Colorado River in its reservoir, Lake Mead
- The Hoover Dam has 17 generators giving it the capacity to produce over 2,000 megawatts of electricity
- The Hoover Dam is part of a system which provides water to over 25 million people in the southwest United States

References: www.sunsetcities.com

If you have a question that you would like to see featured in "Ask Doc Concrete," please email it to us at ACISCC@aol.com

American Concrete Institute, Southern California Chapter 2008 Chapter Committees

AWARDS - John Halverson

EDUCATION - Jeff Ferris

FIELD DAY - Pat Murena

MEMBERSHIP - Paul Heis, Brian Murphy

NOMINATIONS - Ken Sears

STUDENT ACTIVITIES - Josh Hamilton

TECHNICAL - John Henkels

2008 CONVENTION - Kirk McDonald & Chris Forster

PROGRAM - Pat Murena

PUBLICITY - Jim Miles

CERTIFICATION PROGRAMS:

STRENGTH TESTING - Robert Shafer

FLATWORK FINISHER - Cliff Ohlwiler

FIELD TESTING - Rod Elderton &

Howard Lux

LAB CERTIFICATION - Rod Elderton

AGGREGATE CERTIFICATION: Rod Elderton

CONSTRUCTION SPECIAL INSPECTION -

Rod Elderton

TRANSPORTATION CONSTRUCTION

INSPECTION - Rod Elderton

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Vice President: Pat Murena

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IF YOU HAVE ANY INDUSTRY NEWS, PLEASE LET THE CONVEYOR KNOW