

CALIFORNIA ASPHALT INSIDER

The latest news and views from the California Asphalt Pavement Association
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CALENDAR

(Always on-line [HERE](#))

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'Asphalt Pavement 101' training class
Wednesday, June 21, 8 a.m. to noon
City of San Jose, 1661 Senter Road, Building G, San Jose
Register [HERE](#).
Contact: Ritha Nhorn (916)

Greetings!

This weekly bulletin contains the latest news and information of interest to the asphalt pavement industry in California. Please feel free to distribute this newsletter to others who may be interested in asphalt pavements.

→ Caltrans posts Crumb Rubber Modifier (CRM) authorized material list

In the mid 2000s, the California Legislature enacted a bill that requires Caltrans to utilize Crumb Rubber Modifier (CRM) in asphalt mixes and to meet specific usage goals.

The requirement was codified in California Public Resource Code Section 42703. In subsequent years, additional language requiring the use of CRM from tires of vehicles owned and operated in the United States was added to comply with a "Buy American" policy.

In order to comply with this requirement, the California Department of Transportation (Caltrans) developed an Authorized Material list for CRM.

The requirements for inclusion on the list includes documentation that the source of the CRM is from U.S. tire sources, certification of the CRM source, sample submission of the CRM, and a manufacturing facility audit.

The Caltrans Standard Specification [sections 37-2.04, 39-2.03A(4)(e)(ii) (C), and 92-1.01] were updated as part of the April 15, 2016 Revised Standard Specification (RSS) to require the use of CRM from the authorized list.

The complete authorization criteria and authorized list for CRM and other materials can be found on the Caltrans website [HERE](#). Previous Asphalt Insider articles about the use of rubber in asphalt pavements in California can be found [HERE](#) and [HERE](#).

TECH REPORT



→ Special issue of CalAPA magazine devoted to transportation funding is now on-line

The latest issue of CalAPA's official magazine, "California Asphalt," is devoted almost entirely to the inside story of how a \$52 billion transportation bill made it through the Legislature and was signed into law by the governor. You can read the on-line version [HERE](#).

The cover story of the "2017 Special Advocacy Issue" is titled: "The BIG fix." It includes a timeline of key events from 2011 to 2017 that led to the passage of the landmark bill.

791-5044

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'Asphalt Pavement 101'
training class
Thursday, June 22, 8 a.m.
to noon
City of Santa Rosa, UFO
Building, Room A, 35 Stony
Point Road, Santa Rosa
Register [HERE](#).
Contact: Ritha Nhorn (916)
791-5044

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SIGN UP NOW!
CalAPA "Day at the Races" at
Del Mar Race Track
Saturday, July 22
Register [HERE](#)
Contact: Sophie You (916)
791-5044

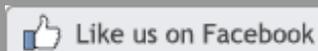
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SAVE THE DATE!
CalAPA Annual Golf
Tournament
Thursday, Sept. 21
Pacific Palms Resort, Industry
Hills
Details soon!
Contact: Sophie You (916)
791-5044

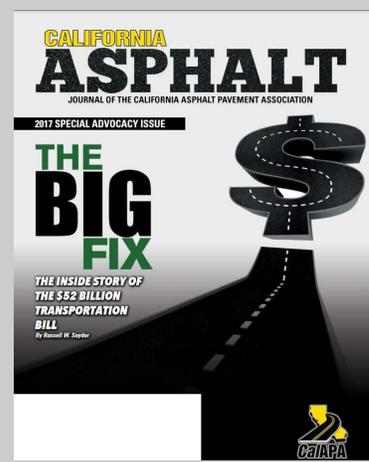
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SAVE THE DATE!
CalAPA Fall Asphalt
Pavement Conference &
Equipment Expo
Wednesday & Thursday,
Oct. 25 & 26
Doubletree Hotel, 2001 Point
West Way, Sacramento
Details soon!
For sponsorship and exhibiting
opportunities, contact Sophie
You at (916) 791-5044.

SOCIALIZE



To view an archive of past issues of California Asphalt magazine, click [HERE](#). For advertising information, contact Kerry Hoover of Construction Marketing Services at (909) 772-3121. An archive of recent issues of the magazine, now in its 21st year, is [HERE](#).



→ New 'Asphalt Pavement 101' class added to CalAPA schedule: June 21 in San Jose

By popular demand, a second "Asphalt Pavement 101" class has been added to the CalAPA training schedule for Northern California: Wednesday, June 21 in San Jose. Click [HERE](#) for additional information and to register. The City of San Jose is hosting the class.

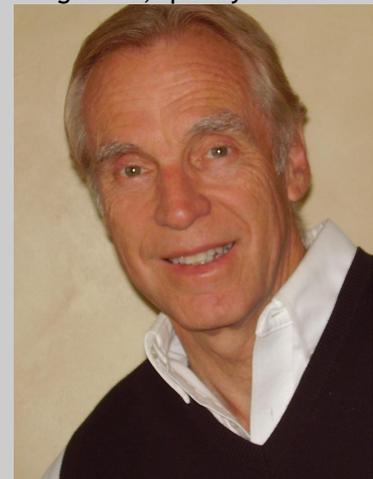
The class is also being held on Thursday, June 22 in the North Bay, hosted by the City of Santa Rosa. Click [HERE](#) for additional information and to register for the Santa Rosa class.

"CalAPA expresses its deep gratitude to our local agency partners for hosting these classes and helping to make vital technical information and best practices as accessible as possible," said Brandon Milar, P.E., Director of Technical Services for CalAPA.

The "Asphalt Pavement 101" training class is a good overview of everything asphalt, touching on how asphalt pavements are designed, constructed and maintained. It is taught by Roger Smith, a former senior materials engineer with Caltrans and the Asphalt Institute, as well as a former executive director of CalAPA.

Although the class is just a half-day it is packed with loads of useful information for contractor and agency paving crews, quality control specialists, lab personnel and others who interact with asphalt pavements. The class will cover pavement structure and terminologies, asphalt binders, aggregates, asphalt mixes, plant operations and mix delivery, paving and rolling, acceptance specifications and testing.

Because so much is changing in the world of asphalt pavements, the class is an excellent refresher course for veterans in the industry as well as providing a good overview for those new or just returning to asphalt pavements. The class has been updated to add a summary of "Superpave"-inspired elements recently added to Caltrans asphalt specifications. The cost of the class is \$99 for CalAPA members and agency personnel who complete registration by June 15, and \$119 for all others.



Roger Smith



CHOOSE ASPHALT

Asphalt is used on about 93 percent of paved roads in California and across the U.S. Why? Because it's smooth, quiet, safe, durable and 100 percent recyclable. Visit the [Asphalt Pavement Alliance](#) website learn more about why asphalt is the right choice now more than ever.



GET TECHNICAL

Are you an engineer, designer or technical professional who makes decisions on pavement type selection? The DriveAsphalt website has technical reports and other resources may be just what you're looking for. Click [HERE](#) for more information.



CalAPA

California Asphalt Pavement Association (CalAPA)

Mailing address:
P.O. Box 981300
West Sacramento, CA 95798

Main office:
1550 Harbor Blvd., Suite 211

"Asphalt Pavement 101" is a recommended prerequisite for other CalAPA technical classes, including "Caltrans Section 39 Specifications," "Essentials of Pavement Smoothness," "Understanding the Job Mix Formula" and "Quality HMA Paving."

All class attendees will receive a handy reference booklet that includes copies of the slide presentation, key acronyms, glossary and other essential information for future reference. Attendees will also receive a handsome certificate of completion documenting that they have completed four (4) Professional Development Hours (PDH) of technical instruction.

CalAPA can also bring training classes to your company or agency, which can greatly reduce travel time and expense. Click [HERE](#) to learn more.



Roger Smith conducting an "Asphalt Pavement 101" class for about 50 industry and agency representatives in Ontario earlier this year.

➔ Free webinar scheduled for May 30 on perpetual pavement update to PerRoad design software

The National Asphalt Pavement Association (NAPA) and the CalAPA-supported Asphalt Pavement Alliance continue to hold webinars on various technical and practical asphalt-related topics. Click [HERE](#) for a complete list of webinars that are currently scheduled.

The next webinar, set for Tuesday, May 30, focuses on new tools for pavement design and long-life (perpetual) pavements. It is titled "Perpetual Pavement Design with PerRoad 4.3." The presenter will be David Timm, Ph.D., P.E., from Auburn University, which is home to the National Center for Asphalt Technology (NCAT).

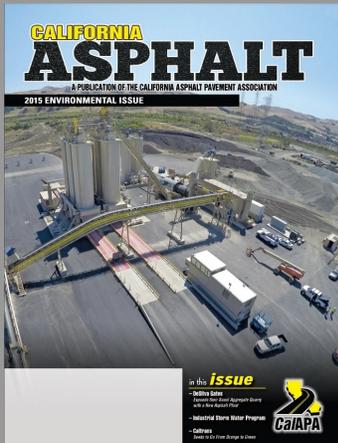
Participants in the webinar will gain a greater understanding of how the



BACK ISSUES

Did you miss an issue of the *California Asphalt Insider*? No problem! Past editions of the newsletter are available at the CalAPA newsletter [archive page](#)

MAGAZINE



CalAPA produces a highly regarded magazine, *California Asphalt*, and an annual membership directory. To view current and past issues of the magazine, click [HERE](#).

For advertising sales information, click [HERE](#) or call Kerry Hoover with Construction Marketing Services at (909) 772-3121.

STAY INFORMED



Click [HERE](#) to receive *California Asphalt Insider* each week via e-mail FREE! Or visit our website at: www.calapa.net

PerRoad software works and principals of perpetual asphalt pavements, which can last decades with minimal maintenance.

New PerRoad features include the ability to perform a conventional mechanistic-empirical (M-E) design to directly compare against Perpetual Pavement designs and the capability to utilize strain distribution or a single endurance limit strain value to design a Perpetual Pavement. These additional capabilities were first developed from NCAT Test Track sections and validated with live traffic Perpetual Pavement sections. After attending the webinar, attendees will be able to use PerRoad 4.3 to compare pavement designs developed through the 1993 AASHTO Pavement Design Procedure, the AASHTO MEPDG process, and other M-E Design procedures.

The "Perpetual Pavement Design with PerRoad 4.3" webinar will take place from 10 a.m. to 11 a.m. (1 p.m. to 2 p.m. EDT). The webinar is free, but advanced registration is required to participate.

For more information or to register for the May 30 PerRoad webinar, click [HERE](#).

The next free webinar is part of NAPA's "Back to Basics" series and is focused on paving. It will take place Wednesday, June 7 from 11 a.m. to 12:30 p.m. PDT (2 p.m. to 3:30 p.m. EDT). The featured presenter will be Richard Kramer with Roadtec. The link to the registration page is [HERE](#).

→ CalAPA offices will be closed May 29 in observance of the Memorial Day Holiday

CalAPA offices will be closed on Monday, May 29, in observance of the Memorial Day holiday. The offices will reopen during regular business hours on Tuesday, May 30.

→ For the record

In a photo caption in last week's *Asphalt Insider*, the seating position of a congressman participating in a meeting with CalAPA members was listed incorrectly. Below is the photo with a corrected caption.



U.S. Rep. Duncan Hunter (CA-50), a member of the House Transportation & Infrastructure Committee (left), shares his views May 18 with the CalAPA delegation in Washington, D.C.

WATCH



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→ Tech Term of the Week

Each week we highlight a word, acronym or other reference commonly used in the asphalt pavement industry in California.

CULVERT: Any structure that is not classified as a bridge and that provides an opening under any roadway.

→ Quote of the Week

"And they who for their country die shall fill an honored grave, for glory lights the soldier's tomb, and beauty weeps the brave."

Joseph Rodman Drake

We hope you enjoy CalAPA's *Asphalt Insider*. We are committed to providing you with the most up-to-date information on technical issues, regulation, news, analysis and events in California that may impact the asphalt pavement industry. Click [HERE](#) to contact us with any comments or suggestions.

Sincerely,

Russell W. Snyder, CAE

Executive Director

California Asphalt Pavement Association (CalAPA)

The *California Asphalt Insider* is an official publication of the California Asphalt Pavement Association. For more information or to inquire about membership, call (916) 791-5044, or click [HERE](#) to send us an e-mail.

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