

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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CalAPA Go-Kart Racing
Networking Event
Tuesday, March 19, 5 p.m.
to 9 p.m.

K1 Speed, 5350 Ontario Mills
Pkwy, Bldg. E in Ontario
Contact: Sophie You (916)
791-5044
Register [HERE](#).

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.

→ ProVAL pavement smoothness software training set for April 8 in Sacramento; likely the only class to be held in CA this year

Just in time for the arrival of the new Caltrans pavement smoothness specifications, CalAPA is pleased to bring to California a popular one-day workshop on the ProVAL pavement software, which will take place Monday, April 8 in Sacramento. Details and on-line registration is [HERE](#).

This intensive, hands-on training will walk participants through the latest version of ProVAL, its capabilities and how to understand the reports generated by the software. It is likely this will be the only ProVAL class to be held in California this year.

The development of ProVAL is sponsored by the Federal Highway Administration (FHWA) and this software is required for use on Caltrans paving projects. Although the software is free, being trained on its proper use is essential for paving contractors seeking to hit increasingly difficult pavement smoothness targets set by public agencies.



A vehicle with inertial profiler equipment mounted on the front to measure pavement smoothness.

There have been numerous updates to the software, and additional modules added, so you'll want to be sure you are getting the most out of this important tool.

The instructor for this class will be George Chang, P.E., Ph.D., Director of Research for the Transtec Group. He has been the principal developer of the software, has guided the various updates, and therefore has an encyclopedic knowledge of the software features and capabilities. The goals of the workshop are:

- To familiarize attendees with the current version of the Profile Viewing and Analyzing software (ProVAL).
- To refresh some of the key fundamentals of pavement profiling and analysis methods.
- To inform attendees of the advantages, limitations and pitfalls related to analyzing and interpreting pavement profiles.
- To provide an interactive and hands-on approach throughout the workshop.

The class will cover vehicle ride and ride indices, profile comparison

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'Asphalt Pavement 101'
class
Tuesday, March 19, 8 a.m.
to noon
University of Phoenix,
Bakersfield Campus, 4900
California Avenue, Suite
A300, class 111, Bakersfield
Contact: Sophie You (916)
791-5044
Register [HERE](#).

*
'Essentials of HMA Pavement
Smoothness' class
Tuesday, March 19, 8 a.m.
to noon
National University, 9645
Granite Ridge Drive, San
Diego.
Contact: Sophie You (916)
791-5044
Register [HERE](#).

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REGISTER NOW!
Spring Asphalt Pavement
Conference & Equipment
Expo (plus optional training
classes)
Wednesday & Thursday,
March 20-21, 2019
DoubleTree Hotel, 222 N.
Vineyard Ave., Ontario
Register [HERE](#).
For exhibitor and sponsorship
information, click [HERE](#) or
contact Sophie You at (916)
791-5044

*
ProVAL pavement software
workshop
Monday, April 8, 8 a.m. to 5
p.m.
National University,
Sacramento Campus
2860 Gateway Oaks Drive
Bldg. B, Ste. 100,
Sacramento
Register [HERE](#).
Contact: Sophie You (916)
791-5044

*
'Essentials of HMA Paving
Smoothness' class
Tuesday, April 9, 8 a.m. to
noon
National University, 2860
Gateway Oaks Drive, Building
B, Suite 100
Sacramento, CA
Contact: Sophie You (916)
791-5044

and profiler certification,
power spectral density
(PSD), smoothness
assurance module (SAM),
hands-on exercises and
review.

This workshop will be in a
classroom setting with WiFi
and power available to all
attendees, who are required
to bring their laptop
computer to download and
operate the ProVAL software during classroom exercises.



**Grinding of asphalt pavement to
achieve smoothness.**

Registration for this class will be on a first-come, first served basis for the first 40 people registered. On-line registration is required and must be completed on-line. Although the California Asphalt Pavement Association is sponsoring this training, members, non-members and public agency personnel may sign up for the class for one low price. For registration questions, please contact Sophie You of CalAPA at (916) 791-5044. Questions about course content can be directed to CalAPA Technical Director Brandon Milar at (916) 791-5044. Additional information on ProVAL is [HERE](#).

As reported in last week's *Asphalt Insider*, the California Department of Transportation (Caltrans) earlier this month released its long-awaited guidance to Caltrans engineers that makes major changes to its pavement smoothness specifications for existing asphalt pavement projects.

The Construction Procedure Directive (CPD 19-6), dated March 4, 2019, was posted on the Caltrans website and can be viewed [HERE](#). The various supporting documents can be found [HERE](#). Caltrans last week also posted smoothness design guidelines and a pay calculation spreadsheet. They can be found [HERE](#).

Because so much has changed with the smoothness standards, industry is pushing out information to contractors on the new specifications so that companies are knowledgeable when they prepare their bids and perform the work. CalAPA "Member Alerts" dated Jan. 7 and March 7 provide additional detail and guidance, and CalAPA has scheduled pavement smoothness classes in San Diego, Sacramento, Fresno and San Jose. The CalAPA on-line event and training calendar with the various training class dates and locations is [HERE](#). Pavement smoothness will also be featured prominently at the Spring Asphalt Pavement Conference March 20-21 in Ontario. Details on the conference can be found [HERE](#).

→ Caltrans adds asphalt EPD pilot project in District 8, joining 4 others set to advertise

Caltrans has added a fifth asphalt pavement project that will require the contractor to produce an Environmental Product Declaration (EPD) as part of the contract. The new project is located in District 8 (San Bernardino and Riverside counties), and joins other pilot projects anticipated to be advertised this year in District 1, 2 and 5. Details have been posted on the Caltrans EPD information page [HERE](#).

Caltrans has also clarified, in the Product Category Rules section, that if a PCR does not exist on the Caltrans website at the time of bid opening, no EPD will be required for that project.

EPDs, which seek to provide

Register [HERE](#).

*

'Essentials of HMA Paving Smoothness' class
Wednesday, April 10, 8 a.m. to noon

National University, Fresno
45 E. River Park Place West,
Suite 201, Fresno, CA
Contact: Sophie You (916)
791-5044
Register [HERE](#).

*

'Essentials of HMA Paving Smoothness' class
Thursday, April 11, 8 a.m. to noon

National University, San Jose
Campus, 3590 N First Street,
Suite 100, San Jose, CA
Contact: Sophie You (916)
791-5044
Register [HERE](#).

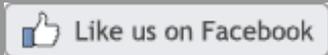
detailed information about a product's impact to the environment over its life cycle, continue to grow in prominence in California and nationally. Project owners are increasingly looking to EPDs to better understand how their projects, and the materials used to build them, may affect the environment and incorporate more sustainable choices into product decision-making. Caltrans has identified aggregate, asphalt and concrete among the materials the department uses in projects that it would like to collect EPDs on, and is including EPD language on a few pilot projects to test the feasibility of this approach.



CalAPA produced an EPD webinar Jan. 8 that originated from CalAPA's offices in West Sacramento.

A previous *Asphalt Insider* story with additional EPD resources can be found [HERE](#). CalAPA's *California Asphalt* also did a deep dive on EPDs. That issue can be found [HERE](#).

SOCIALIZE



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.

→ Spots still available for CalAPA Go-Kart racing & networking event March 19 in Ontario

Do you feel the need for speed? There's still some spots available for CalAPA's inaugural Go-Kart Racing event March 19 in Ontario. Details and on-line registration is [HERE](#).

This premier networking event, which is being held the day before the CalAPA Spring Asphalt Pavement Conference & Equipment Expo, will be held at the K-1 Speed facility on the site of the former Ontario Motor Speedway, where racing legends Mario Andretti, A.J. Foyt and Al Unser thrilled crowds and burnished their place in racing lore.

The 85,000-sq. ft. speedway is home to not one, but two indoor asphalt courses for double the occupancy and even less waiting. Track 1 offers a challenging series of technical corners, while Track 2 boasts a variety of fast and slow corners that is perfect for the novice.

CalAPA will have a reserved room with food and beverages for mingling between races. A flier for the event is [HERE](#). It is a perfect opportunity for co-workers or business associates to get-together to test their racing skills, challenge friendly rivals or just to get an unforgettable adrenaline fix without worrying about the CHP appearing in your rear-view mirror.



Go-Kart racing and networking is fast, furious and fun!

The event will take place Tuesday, March 19 from 5 p.m. to 9 p.m. at K1 Speed, 5350 Ontario Mills Pkwy, Bldg. E in Ontario. The Spring Asphalt Pavement Conference & Equipment Expo begins the next day



in Ontario. Details on the conference can be found [HERE](#). The cost for this exclusive CalAPA-member event is \$99 per racer and includes two of rounds racing, food and non-alcoholic drinks (and unlimited "selfies" in your racing garb). For more information, contact Sophie You of CalAPA at (916) 791-5044. It's one night of fun, but the memories (and bragging rights) last all year long.

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
West Sacramento, CA 95691

(916) 791-5044 (phone)

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](#).

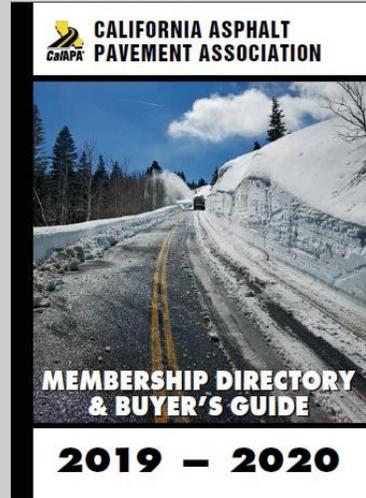
MAGAZINE

→ Do business with a CalAPA member: Our updated 'Buyer's Guide' is now on-line

CalAPA's annual Membership Directory & Buyer's Guide is rolling off the presses. The annual directory features contact information for all member firms, as well as additional reference information that will be useful all year long.

The Buyer's Guide of the directory, which is intended to aid those seeking to do business with CalAPA members, can be found on-line [HERE](#). Every member of the association is listed by product or service category.

For more information about advertising in the directory and the CalAPA magazine, *California Asphalt*, contact Kerry Hoover of Construction Marketing Services at (909) 772-3121.



→ Tech Term of the Week

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

EXPRESSWAY: A divided arterial highway for through traffic with full or partial control of access.

→ Paving Pointer of the Week

Each week we highlight a key point or best practice of interest to asphalt paving crews, inspectors and others working in the field. We welcome suggestions. More tips can be found in our Asphalt Parking Lot Construction Checklist [HERE](#).

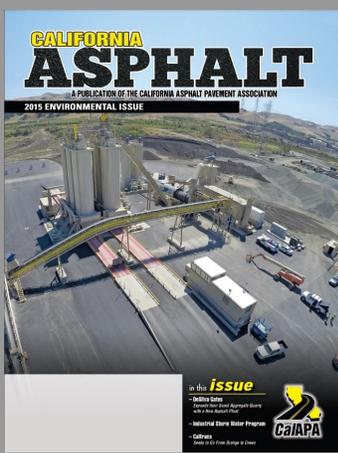
DURING COMPACTION: Check pavement temperature before compaction begins. Don't rely solely on an infrared temperature gauge. Have a probe thermometer on hand to check the internal temperature of the mat. The ability to achieve proper compaction requires a mat temperature of 175°F or greater.

→ Quote of the Week

"The great use of life is to spend it for something that will outlast it."

William James

We hope you enjoy CalAPA's *Asphalt Insider*. We are committed to



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

GET CERTIFIED!

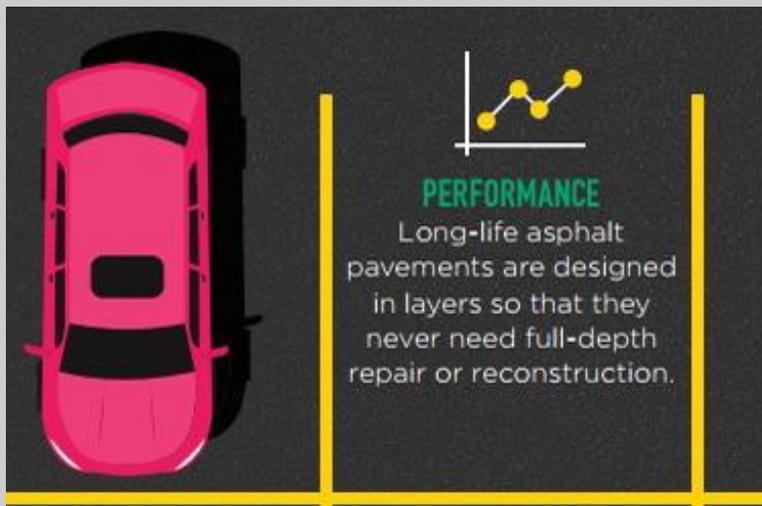
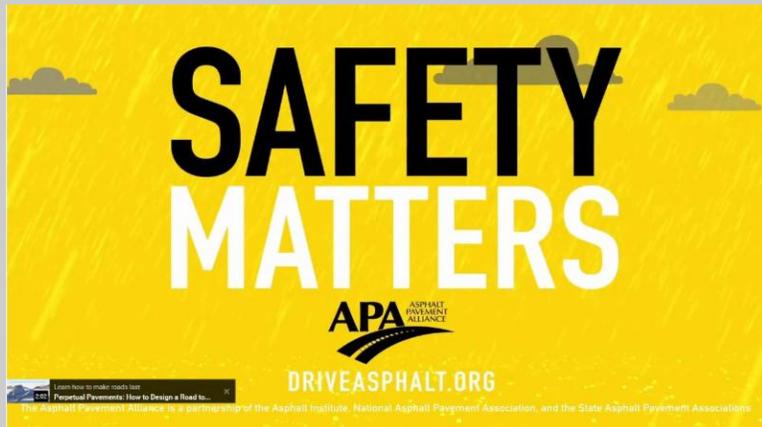


The Caltrans-industry Joint Training & Certification Program (JTCP) for materials technicians is holding classes in Northern and Southern California. Click [HERE](#) to visit our JTCP resource page to learn more.

providing you with the most up-to-date information on technical issues, regulation, news, analysis, events and trends 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)®



DESIGN!

PAVEExpress
Specify & Verify Pavement
Designs Online for Free
www.pavexpressdesign.com

To visit the PAVEExpress website, click [HERE](#). To view the companion website, PavelInstruct, click [HERE](#).

LEARN!

We can bring CalAPA's popular training classes to your facility at a date and time convenient to you! Click [HERE](#) to view our "hosted" training class flier, or contact CalAPA at (916) 791-5044 for details. This service is available to public agencies and CalAPA members only.



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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