

CALIFORNIA ASPHALT INSIDER

The latest news and views from the California Asphalt Pavement Association
Vol. 12, Issue 03 <> Jan. 21, 2019



www.calapa.net

IN THIS ISSUE

[CalAPA's Milar presents on pavement smoothness at annual TRB conference](#)

[Input sought in national survey of RAP, WMA utilization](#)

[Job opportunity: GMU Geotechnical seeks project-level pavement engineer](#)

[Protecting roads, water and other public works: all in a day's work](#)

[Tech Term of the Week: Adhesion](#)

[Pavement Pointer of the Week: Compaction](#)

[Quote of the Week: Thomas Babington Macaulay](#)

CALENDAR

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

*

SIGN-UP NOW!

'Asphalt Pavement 101' training class
Tuesday, Jan. 22, 8:00 a.m. to Noon

City of Antioch Department of Public Works, 1201 W. 4th Street, Antioch
Register [HERE](#).

Contact: Sophie You (916) 791-5044

*

REGISTRATION OPENS

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.

→ CalAPA's Milar presents on pavement smoothness at annual TRB conference

A collaborative effort to revise pavement smoothness specifications in California is receiving national attention, and CalAPA's technical director, Brandon Milar, was invited to deliver a presentation on the topic at the annual meeting of the Transportation Research Board (TRB) in Washington, D.C.

Milar's presentation, "Contractor Experience with Pavement Smoothness Specifications," was part of a broader examination of how technology, best-practices, environmental concerns and public expectations are converging to create challenges for pavement designers. The Jan. 13 session explored how many state agencies use the International Roughness Index (IRI) for smoothness acceptance on the final riding surface for construction projects, and how relatively new technology, such as the Inertial Profiler, is used to measure pavement characteristics.



Pictured at the TRB pavement smoothness event, from left: Brandon Milar, CalAPA; John Andrews, Maryland DOT; George Chang, Transtec; and Magdy Mikhail, Texas DOT.

Milar, who has been part of a working group of industry and Caltrans personnel working to revise Caltrans pavement smoothness specifications, offered up the data and practical experience the group tapped into as it helped shape new pavement smoothness requirements, which are expected to be rolled out this Spring.

The TRB, part of the National Academies of Sciences, Engineering & Medicine, is a premier venue for subject-matter experts to share the latest research and practical implementation of innovations to a broad audience of their peers.

Other presenters during the pavement smoothness session included John Andrews, Maryland State Highway Administration, John Donahue, Missouri Department of Transportation, and Larry Scofield representing the American Concrete Pavement Association. Presiding over the session was Brian Schleppe of the Ohio Department of Transportation.

Milar's presentation can be viewed on-line [HERE](#). An in-depth exploration of the bumpy road that led to an improved pavement smoothness specification in California will be featured in an upcoming issue of CalAPA's association magazine, *California Asphalt*.

SOON!

CalAPA 'Fly-in' to the State Capitol in Sacramento Tuesday & Wednesday, March 5-6 Sacramento.

Contact: Russell Snyder (916) 791-5044

*

SAVE THE DATES!

Spring Asphalt Pavement Conference & Equipment Expo

Wednesday & Thursday, March 20-21, 2019

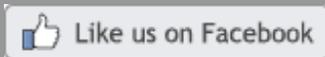
DoubleTree Hotel, 222 N. Vineyard Ave., Ontario Details soon!

For exhibitor and sponsorship information, contact Sophie You at (916) 791-5044



Don Mathews of Pavement Recycling Systems (standing at projector screen) goes over some smoothness data at a meeting of Caltrans and industry July 19, 2018 at CalAPA offices.

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.



➔ Input sought in national survey of RAP, WMA utilization

The National Asphalt Pavement Association (NAPA), a CalAPA partner, is seeking data from asphalt producers in California as part of its annual national survey of Reclaimed Asphalt Pavement (RAP) and Warm Mix Asphalt (WMA) utilization.

To participate in the survey, click [HERE](#). The deadline for survey responses is April 1. It is recommended that you download a printed version of the survey from the NAPA website [HERE](#) to ensure that all the relevant data is at hand before beginning the process. Survey participants will receive a complimentary copy of the report once it is released.



A loader works a RAP stockpile.

A summary of the previous RAP and WMA survey can be found [HERE](#). The 8th annual survey found that, during the 2017 construction season, more than 76.2 million tons of RAP and nearly 950,000 tons of RAS were put to use in new pavements in the United States, saving taxpayers more than \$2.2 billion. Also, the survey found, nearly 39 percent of all asphalt pavement mixture produced in the country that year was made using warm-mix asphalt (WMA) technologies.

The current survey is gathering data from the 2018 construction season. It will be kept completely confidential and will be used only for the purposes of determining quantities. Data will be reported by state only, and no company-specific information will be disclosed or used for any purpose. To further protect the confidentiality of the information, no state specific data will be reported if fewer than three producers report for a state.

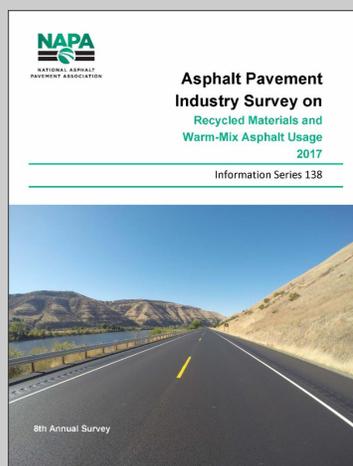
Because data is being aggregated by state, companies or branches active in more than one state need to complete a separate questionnaire for the mixes produced for each state. If a plant provides mix for more than one state, the tonnage should be divided accordingly.

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.



For more information, contact Brett Williams, director of engineering & technical support for NAPA, at (301) 731-4748, or via e-mail at: [bwilliams\(at\)asphalt pavement\(dot\)org](mailto:bwilliams(at)asphalt pavement(dot)org)



Editor's note: In the e-mail address above, the "@" symbol has been replaced with "(at)" and the period (.) replaced with "(dot)" to deter spam software.

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

→ Job opportunity: GMU Geotechnical seeks project-level pavement engineer

GMU Geotechnical, Inc., a CalAPA member based in Orange County, is seeking a qualified project-level pavement engineer. A description of the position is [HERE](#).

The successful candidate will be working on project-level project management responsibilities, with work ranging from private Homeowners' Association projects to large public works infrastructure improvement projects.

Applicants should be a certified engineer in California, or an EIT, with two- to five-years experience in pavement engineering or related fields. Salary and benefits are competitive and based on qualifications and experience.



GMU Geotechnical Inc., a certified small business, provides a broad range of pavement and geotechnical services. The company recently celebrated its 50th year in business.

For more information, click [HERE](#) to visit the company's website.

→ Protecting roads, water and other public works: all in a day's work

A political tit-for-tat in Washington over immigration has resulted in the longest partial shutdown of the federal government in U.S. history, with some 800,000 federal workers either furloughed or working without pay.

Meanwhile, state and local public works officials come to work each day, responding to natural disasters, safeguarding tax dollars and the public trust, all with little fanfare, just like their counterparts on the federal level.

Each year some highlights from this often overlooked work are nevertheless assembled in a handsome report produced for the County Engineers Association of California, which is celebrating its 100th anniversary. You can read the 2018 Annual Report [HERE](#).

As you (digitally) thumb through the pages, imagine life without government engineers, maintenance workers and others who protect the infrastructure of our daily lives that most take for granted until it is placed in jeopardy.



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

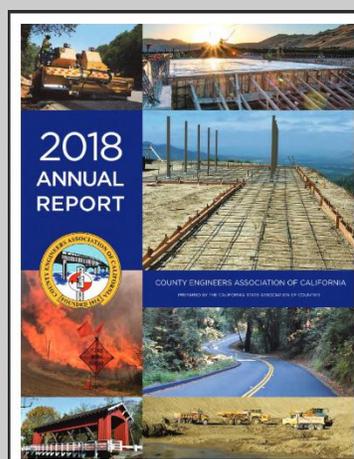


Click [HERE](#) to receive *California Asphalt Insider* each week via e-mail FREE!
Or visit our website at:
www.calapa.net

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.



→ Tech Term of the Week

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

ADHESION: Interaction between two substrates such as the bond between a sealant material and the crack or joint sidewall or the bond between asphalt cement and aggregate. This may be physical, chemical or physiochemical in nature.

→ 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](#).

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 degrees or greater. Do not let roller operators park equipment on the fresh mat while compaction is ongoing.

→ Quote of the Week

"Every improvement of the means of locomotion benefits mankind morally and intellectually as well as materially."

Thomas Babington Macaulay

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, 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

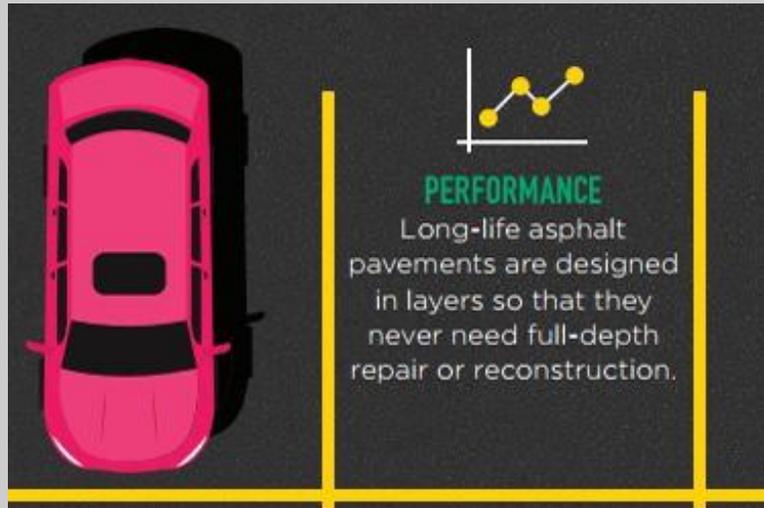
DESIGN!

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

To visit the PAVEExpress website, click [HERE](#). To view the companion website, Pavelnstruct, 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.
Copyright © 2019 California Asphalt Pavement Association - All Rights Reserved. The CalAPA® name (No. 5,621,794) and logo (No. 5,621,795) are registered trademarks with the U.S. Patent & Trademark Office.
www.calapa.net