

# CALIFORNIA ASPHALT INSIDER

The latest news and views from the California Asphalt Pavement Association  
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[www.calapa.net](http://www.calapa.net)

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## CALENDAR

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

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CalAPA Regional Technical Committee Meetings (held simultaneously at 4 locations)

Wednesday, May 2, 9:30 a.m. to noon  
San Diego (details [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.

## → SB1, efficiency, innovation & collaboration are recurrent themes at CalAPA Spring Conference in Ontario

Industry and agency personnel working together to deliver transportation improvements quickly and efficiently was a recurring theme last week at the Spring Asphalt Pavement Conference & Equipment Expo in Ontario.

Coming on the heels of the passage of SB1, the Road Repair & Accountability Act of 2017, conference speakers highlighted the importance of delivering the work to improve roads in a timely manner while also focusing on innovation, efficiency and safety.

Keynote speaker Fran Inman, newly elevated as chairwoman of the California Transportation Commission, told the gathering, "I totally believe in the importance of infrastructure investment, and transportation and mobility. I'm particularly passionate about goods-movement. We take that work very seriously."

She noted how the CTC helped quantify the rapidly deteriorating state of the state's transportation network, the skyrocketing bill, and now will play a key role in overseeing how money is spent.

"One of our responsibilities ... is accountability and transparency," she said. "We are very proud that we have public hearings, and we offer a place for the public to come and participate."

With SB1 expected to generate more than \$50 billion over 10 years through a combination of fuel tax increases and vehicle fee hikes, Inman said it is important that the public knows the money will be used as intended and in the most cost-effective manner possible. She also thanked participants for their help in helping spread the word about the importance of infrastructure investment to jobs, the economy and the state's quality of life.

"I think SB1 is the result of lots of people working very hard, and you all helped us get across the goal line," she said. Inman shared additional



**Mike Murray with Vulcan Materials, 2018 Chairman of CalAPA (left), talks with CTC Chairwoman Fran Inman following her speech last week at the CalAPA conference in Ontario.**

San Jose (details [HERE](#)),  
Santa Ana (details [HERE](#))  
and West Sacramento  
(details [HERE](#)).

Contact: Brandon Milar  
(916) 791-5044.

\*

'Asphalt Pavement 101'  
class  
Tuesday, May 8, 8 a.m. to  
noon

City of West Sacramento  
City Hall, First Floor  
Galleria, 1110 West Capitol  
Ave., West Sacramento.

Contact: Ritha Nhorn (916)  
791-5044

Sign-up [HERE](#).

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### REGISTRATION OPEN!

Transportation Construction  
Coalition "Fly-in" to the U.S.  
Capitol in Washington, D.C.  
May 15-16, 2018

Details [HERE](#).

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### SAVE THE DATE!

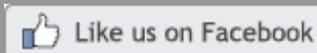
CalAPA 'Day at the Races' at  
Del Mar Race Track, Del  
Mar, CA.

Saturday, July 21.

Contact: Sophie You (916)  
791-5044

Details soon!

## SOCIALIZE



insight in her exclusive interview that appeared in the current issue of CalAPA's official magazine, *California Asphalt*, which is on-line [HERE](#). An SB1 implementation page with more information about the bill and the work already underway as a result can be found [HERE](#).

Providing a local perspective, Mary Reyes with the Los Angeles County Department of Public Works gave an overview of the myriad of projects to improve mobility that are now in the pipeline because of SB1.

The two-day conference April 25-26 featured presentations on many different topics of interest to the asphalt pavement industry and public agency personnel, including new research underway on sustainability, asphalt performance, environmental Life Cycle Assessment, practical paving best-practices, asphalt binder and emulsion basics, utilizing data to manage quality and quantifying risk in end-result specifications.

The program managers for the newly minted Joint Training & Certification Program for materials technicians, run by Caltrans and California State University, Long Beach, provided an overview of the program that also places a high value on collaboration and accountability.

New technology, strategies and specifications related to pavement smoothness was also prominently featured, and the topic spawned a number of informal discussions during breaks in the program. Some of that new technology was on display at the equipment expo and demonstration area of the conference.

Electronic copies of presentations delivered at the conference can be found on the CalAPA SlideShare page [HERE](#). A list of the sponsors is [HERE](#) and a list of exhibitors is [HERE](#). More photos from the conference can be found on the CalAPA Facebook page [HERE](#).

The Fall Asphalt Pavement Conference & Equipment Expo will be held Oct. 24-25, 2018 at the Doubletree Hotel in Sacramento. For more information or sponsorship opportunities, contact Sophie You of CalAPA at (916) 791-5044.



**Dr. Shadi Saadeh with California State University, Long Beach (left) and Jeremy Peterson-Self with Caltrans discuss the Joint Training & Certification Program for materials technicians.**

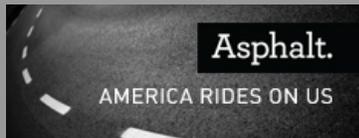
## → National expert on RAP to be featured at Wednesday's CalAPA regional technical committee meetings 'simulcast' at 4 locations

The CalAPA Regional Technical Committees are doing their part for unity and consistency, holding simultaneous meetings on May 2 at four locations to hear from a national authority on the use and performance of Reclaimed Asphalt Pavement (RAP).

CalAPA Regional Technical Committee meetings provide a forum for asphalt pavement stakeholders from various regions within California. Discussions in these forums focus on new asphalt technology, the latest efforts to update agency specifications, and best practices for constructing and maintaining asphalt pavements. The meetings are free and open to all CalAPA members and agency personnel. Interactive

## 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)

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## BACK ISSUES

Did you miss an issue of the *California Asphalt Insider*? No problem! Past editions of the newsletter are available at

discussions on local issues are featured at each meeting location.

The May topic: "Success with Asphalt Mixes Containing RAP."

This meeting will feature Randy West, Director of the National Center for Asphalt Technology (NCAT) at Auburn University. West will provide an overview of NCAT's research related to the use of RAP in asphalt mixes. The Center's efforts include lab, full-scale test track and field evaluations. West will also provide insight into the best practices for agencies and contractors on the use of RAP.



**Randy West**

The RAP presentation will be "simulcast" at four locations that are hosting regional technical committee meetings at the same time: San Diego, Santa Ana (Los Angeles/High Desert area), San Jose (Bay Area) and West Sacramento (Sacramento/Central Valley area). You must attend one of the four locations in person to participate.

For details on the San Diego meeting, click [HERE](#); the Santa Ana meeting logistics can be found [HERE](#). The San Jose meeting details are [HERE](#), and the West Sacramento meeting information is [HERE](#). All meetings take place on Wednesday, May 2 from 9:30 a.m. to noon. Direct questions about the Regional Technical Committees to CalAPA's Brandon Milar at (916) 791-5044.



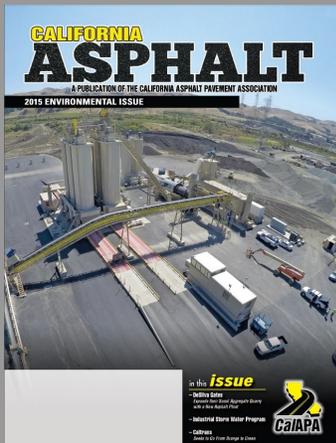
*CalAPA Regional Technical Committee meetings are a great way for industry and agency personnel to discuss local issues and also interact with nationally-known experts.*

## → Part-time instructors sought for Joint Training & Certification Program for materials technicians

The Caltrans Joint Training & Certification Program for materials technicians, which has begun holding classes in Northern and Southern California, is advertising for qualified instructors.

A collaborative effort of Caltrans, industry and academia, the landmark program is being supported through an inter-agency agreement between the department and California State University, Long Beach. Classes also are being held on the campus of California

## 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](http://www.calapa.net)

## GET CERTIFIED!



State University, San Jose.

The program delivers training and certification for materials testing technicians in the specialties of Hot-Mix Asphalt (HMA), Soils and Aggregates, and Portland Cement Concrete (PCC). After the initial start-up phase, the program is designed to be supported in perpetuity by fees charged for classes and certifications. Similar public-private partnerships in other states have been shown to improve tester competence and reduce test result variability.



*Dave Aver (at white board) teaching an HMA class in San Jose.*

A 2014 letter signed by eight construction trade associations, including CalAPA, endorsed the Joint Training & Certification Program concept and encouraged the state to embrace it. The central idea is that when all technicians, public and private, are trained and certified to the same professional standard, test results will be more uniform, reducing conflict and the potential for claims, which can delay and drive up the cost of projects. The first official classes have been held earlier this year and continue to be scheduled on both campuses as demand warrants.

The classes in PCC test methods utilize the well-established curriculum and standards set forth by the American Concrete Institute (ACI). The curriculum for HMA and soils and aggregate were developed by Long Beach State under the guidance of Caltrans, industry and other subject-matter experts. On the HMA side, the program offers an HMA1 and HMA 2 module, covering a variety of test methods unique to California (CTM), and also test methods promulgated by the American Association of State Highway & Transportation Officials (AASHTO).



*CalAPA's Brandon Milar (right) observes the lab portion of an HMA class.*

The program arrives as SB1, the Road Repair and Accountability Act of 2017, ushers in an estimated \$52 billion over 10 years for transportation improvements, with most of the money devoted to state and local road repairs. SB1 also calls for reforms and cost-savings on how the tax dollars are utilized -- a key goal of the JT&CP initiative.

Prospective JT&CP instructors, who will be independent contractors, are encouraged to visit a special recruitment web page [HERE](#) for details on expected qualifications and instructions on how to apply. The main JT&CP web page is [HERE](#). CalAPA has also established a JT&CP web page with links to these and other helpful resources [HERE](#).

## ➔ 'Asphalt Pavement 101' class set for May 8 in West Sacramento

CalAPA has just added another offering of its popular "Asphalt Pavement 101" class in Northern California. The new half-day class will be held from 8 a.m. to noon on Tuesday, May 8 at the City of West Sacramento, City Hall Galleria, 1110 West Capitol Avenue in West Sacramento. Click [HERE](#) for details or to register on-line.

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.

## DESIGN!

**PAVE**Express  
Specify & Verify Pavement  
Designs Online for Free  
[www.pavexpressdesign.com](http://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 "Asphalt Pavement 101" 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.



*Roger Smith (center) chats with attendees at a recent class held in Northern California.*

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.

"Asphalt Pavement 101" is a recommended prerequisite for other CalAPA technical classes, such as "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.

## → Tech Term of the Week

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

**CHECKING OR ALLIGATORING:** Myriad cracks or checks in bituminous surfaces extending over areas of variable proportions and resulting from a yielding of wet subgrade or from the drying out of the surface. See ALLIGATOR CRACKING.

## → 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.*

**TRUCKING:** Ask yourself: Are there enough trucks on the run to haul

the mix needed to complete the job? For example, if you have five trucks on the round, each carrying 25 tons, that equals 125 tons per round. If each round takes 1 hour to make, then the production rate is 125 tons per hour. If the job requires 1,000 tons at 125 tons per hour, it will take 8 hours to get the mix to the job.

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→ Quote of the Week

"If you cannot do great things, do small things in a great way."

**Napoleon Hill**

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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)

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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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