

# CALIFORNIA ASPHALT INSIDER

The latest news and views from the California Asphalt Pavement Association  
Vol. 12, Issue 22 <> June 3, 2019



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

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## CALENDAR

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

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**AND THEY'RE OFF!**  
Day at the Races

Saturday, July 20, noon to 6 p.m.

Del Mar Race Track  
2260 Jimmy Durante Blvd.,  
Del Mar

Contact: Sophie You (916)  
791-5044

## 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.

## → A few spots still open for joint Caltrans-industry Statistical Pay Factor training Tuesday in Oakland

Caltrans and industry are collaborating on joint training classes on specification changes related to Statistical Pay Factors for Hot Mix Asphalt projects. A few spots are still open for the next class, scheduled to take place Tuesday, June 4 at the Caltrans District 4 offices in Oakland. Click [HERE](#) for additional information and to sign up on-line.

The free class will be taught by Caltrans and industry experts, and Caltrans, industry and local agency personnel are invited to attend. Previous classes were well-attended and held in May in San Diego, Fontana, Fresno and Marysville.

The Tuesday class will take place from 9 a.m to noon at the Caltrans District 4 offices, 111 Grand Ave. (Parkview Room) in Oakland.

Caltrans personnel seeking to register for the training should look for an internal announcement and sign-up via the Department's "Staff Central" learning-management system. Industry and local agency personnel can sign up via the on-line registration page [HERE](#). Seating is limited and spots are allocated on a first-come, first-served basis. Although the classes are free, advanced registration is required to attend.

The instructors for the class will be Pete Spector with the Caltrans Headquarters Division of Construction, and Tony Limas, Group Quality Manager, Granite Construction. The Statistical Pay Factor specification changes are part of a collaborative effort undertaken by Caltrans and industry representatives under the auspices of the Pavement & Materials Partnering Committee. Questions on course content can be directed to the instructors: Pete Spector with Caltrans, who can be reached at (916) 227-7306, or Tony Limas with Granite Construction at (916) 855-4506. For on-line registration questions, contact Sophie You of CalAPA at (916) 791-5044.

An abbreviated presentation of Statistical Pay Factors in California was delivered by Limas at the CalAPA Spring Asphalt Pavement Conference in Ontario in April. A link to that PowerPoint presentation is [HERE](#).



**Tony Limas presented on Statistical Pay Factors at the Spring Asphalt Pavement Conference in Ontario.**

## → Caltrans Director Laurie Berman announces

Details [HERE](#).

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**SAVE THE DATES!**

Fall Asphalt Pavement Conference, Wednesday & Thursday, Nov. 6-7  
Hilton Sacramento Arden West, 2200 Harvard St., Sacramento

Contact Sophie You at (916) 791-5044 for sponsorship and exhibitor information.

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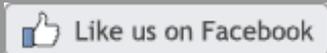
**SAVE THE DATE!**

CalAPA Annual Dinner  
Thursday, Jan. 16, 2020,  
5:30 p.m. to 9 p.m.  
Jonathan Club, 545 S.

Figueroa Street, Los Angeles.  
Contact Sophie You at (916) 791-5044 for sponsorship and table-reservation information.

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## SOCIALIZE



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## 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.

## retirement; successor expected to be named soon

Caltrans Director Laurie Berman announced last week that she is retiring at the end of June.

"After an amazing and wonderful 36-year career at Caltrans, I have decided it is time to retire," Berman said in a May 28 e-mail announcement to Caltrans employees. "It has been quite a ride."

Berman, a regional director overseeing operations in San Diego and Imperial Counties, was named director in 2018 following the sudden resignation of Malcolm Dougherty. A previous *Asphalt Insider* story about Dougherty's departure is [HERE](#).

Berman led the department at a critical time as money from SB1, the Road Repair & Accountability Act of 2017, was flowing to state coffers but an initiative to repeal the \$5 billion per year in fuel taxes and fees that were part of SB1 was headed to the November ballot. It ultimately was rejected by voters.

"As I have been reflecting on what I will miss most -- I consider the work we do to deliver projects that improve our transportation system; the work we do to respond to disasters and other emergencies; the work we are doing that involves innovation and looking ahead to the future of transportation; the work we are doing to address climate change," Berman said in her note to Caltrans employees. "But it's not what we are doing -- it's the people doing the work -- all of you -- that I will miss the most."



*Laurie Berman*

Berman said she will stay on until the end of June. The Newsom administration is expected to move quickly to fill the position. In April, the governor named former Obama administration transportation official David S. Kim to be Secretary of Transportation. A previous *Asphalt Insider* story about that appointment is [HERE](#).



*Laurie Berman (second from left) was on hand on June 5, 2012 when San Diego Association of Governments Executive Director Gary Gallegos (third from left) was presented with a "Building Excellence Award" by CalAPA member Twining, Inc. Pictured, from left: City of San Marcos Mayor Jim Desmond, Caltrans District 11 Director Laurie Berman, SANDAG Executive Director Gary Gallegos, Brain Kramer and Butch Twining, of Twining, Inc. and Jack Boda with Kimley-Horn & Associates. The event took place at Twining's facility in San Diego.*



## 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

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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 the CalAPA newsletter [archive page](#).

## MAGAZINE

# → UCPRC conducts research on partial- and full-depth recycling, RHMA-G strategies, with a big assist from CalAPA members

It might have been the most closely-watched paving operation in California, complete with aerial drone surveillance.

The University of California Pavement Research Center, with a big assist from CalAPA members, recently conducted "accelerated pavement testing" of partial- and full-depth pavement reclamation strategies in controlled pavement test sections on the campus of University of California, Davis.

At the same time, the May 8 field test of Rubberized Hot Mix Asphalt-Gap Graded (RHMA-G) test sections is intended to increase the use of RHMA-G on Caltrans projects through the investigation of different mix types and thicknesses, according to Dr. Dave Jones, UCPRC project manager and investigator.



***Dr. Dave Jones of the UCPRC (left) confers with Frank Rancadore of Graniterock during the May 8 paving operation on the campus of UC Davis.***

"Recycling of pavement materials is critical to the sustainability of pavement rehabilitation, both in terms of using recycled asphalt pavement in new asphalt mixes, and recycling

materials in place, with stabilizers, to improve the properties of the pavement layers underneath the surfacing," Jones recently told *Asphalt Insider*. "This study, which focuses on cold central-plant recycled materials stabilized with foamed asphalt and asphalt emulsion, will help us understand the long-term mechanistic behavior of pavements with recycled layers. The findings will be used to refine pavement design, mix design, specification language, and performance expectations for these materials, and provide confidence to highway engineers who design rehabilitation projects."

The RHMA-G portion of the study is the latest effort to advance the knowledge of asphalt pavements using recycled rubber, Jones said.

"RHMA-G is used as a surface layer on a large proportion of the California state highway network," he said. "A lot has been learned about the performance of these mixes over the last 25 years, and this study looks at comparing the performance of 1/2 and 3/4 inch mixes, using RHMA-G in thicker layers, and adding some RAP (Reclaimed Asphalt Pavement) as an aggregate replacement. The findings will be used to optimize and increase the use of RHMA-G mixes."



***A drone is prepped and ready to do an aerial survey of the paving operation.***

A fact sheet about the two research projects can be viewed [HERE](#).

CalAPA members Pavement Recycling Systems provided RAP for the cold central plant recycled (CCPR) layer, provided the crusher and CCPR equipment, processed all CCPR materials, and did the paving and compaction, Jones said. They also placed and compacted the RHMA-G surfacings, and also worked with CalAPA member SSI on the



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!



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.

thickness control, mat temperature monitoring, and smoothness measurements.

CalAPA member George Reed Inc. provided all the RHMA-G mixes and did the mix designs for the ½ in. and ¾ in. mixes with RAP, and CalAPA member Graniterock helped with QC/QA on both the CCPR layer construction and the RHMA-G paving.



*The accelerated pavement testing sections being constructed May 8 in Davis. Standing in the foreground is University of California, Davis PhD candidate Stefan Louw, who was a 2018 International Road Federation "Road Scholar" recipient, sponsored by CalAPA.*

## → NAPA releases new report on best-practices for Reclaimed Asphalt Shingles utilization

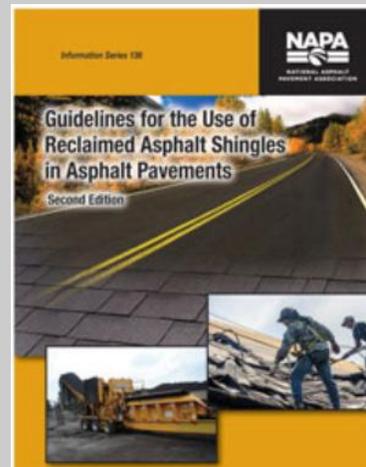
The National Asphalt Pavement Association (NAPA), a CalAPA partner, has just released an updated publication, "Guidelines for the Use of Reclaimed Asphalt Shingles in Asphalt Pavements."

The publication, the second edition, is available as a free download from the NAPA website [HERE](#).

According to NAPA, every year, about 13.2 million tons of asphalt roofing shingle waste is generated across the United States. This asphalt-rich material does not have to end up in landfills. Instead, the asphalt binder, aggregates, and fibers in waste shingles can be successfully put to use in new roads, parking lots, and other asphalt pavements. To aid in the further use of waste asphalt shingles in asphalt pavements, NAPA released an update to its authoritative RAS publication (IS 136).

The publication covers issues such as sourcing of waste roofing shingles, inspection for contaminants, shingle processing, mixture design guidance, binder adjustments, and production and construction considerations. It also includes information on the sustainability and economic benefits of recycling asphalt shingles.

A joint Caltrans-industry task force is examining RAS and its possible applications on the state highway system.



## 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.



## → Tech Term of the Week

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

**SUBCONTRACTOR:** Any individual, partnership, or corporation to whom the contractor sublets part of the contract.

## → 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](#).*

**PROJECT BOUNDARIES:** Prior to the start of paving, the foreman and crew should "paint out" the boundaries of the project and mark the paving lanes to identify the proper paving sequence. Once paving starts, the inspector must monitor many items, including mix temperature, layer thickness, smoothness, possible mix segregation and joint construction. These are done through observation and utilization of a straight edge and a thermometer.

## → Quote of the Week

"People may doubt what you say, but they will believe what you do."

Lewis Cass

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  
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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