

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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REGISTRATION OPEN!
Annual CalAPA Golf
Tournament
Thursday, Sept. 20, 2018
8 a.m. to 2 p.m. (new
earlier start time!)
Pacific Palms Resort, City of
Industry

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.

→ Volunteers needed to assist with Reference Sample Program to test Hamburg Wheel Track Test variability for RHMA-G

The California Department of Transportation (Caltrans) is requesting industry volunteers to help with a Reference Sample Program (RSP) to evaluate variability in the Hamburg Wheel Track Test for Rubberized Hot Mix Asphalt-Gap Graded (RHMA-G) mixes.

The Caltrans Materials Engineering & Testing Services Branch, which is part of the Division of Engineering Services, is coordinating the research with CalAPA member Knife River in Marysville and is requesting about 10-12 volunteers from companies to assist in shoveling mix from the mix pile into sample boxes. Due to the large number of labs participating in the RSP, a large sample is needed. Caltrans will waive the RSP fee for those labs that send volunteers.



Hamburg Wheel Track samples.

The study is focused on RHMA-G and AASHTO T324 evaluation of the HWT test. Volunteers are asked to arrive at the Knife River plant in Marysville on Tuesday, Aug. 7 at 9 a.m. to help with the sampling. The Knife River Hallwood Plant is located at 2965 Hooper Road, Marysville, CA 95901.

For questions or additional information, contact Bomasur Banzon with the Caltrans Independent Assurance Branch at (916) 227-724, or via e-mail at: [Bomasur\(dot\)Banzon\(at\)dot\(dot\)ca\(dot\)gov](mailto:Bomasur(dot)Banzon(at)dot(dot)ca(dot)gov) .

Editor's Note: In the e-mail address above, the "@" symbol has been replaced by "(at)" and the dot (.) has been replaced with "(dot)" to deter e-mail spammers.

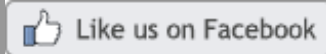
Details [HERE](#).

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SAVE THE DATES!

Fall Asphalt Pavement Conference, Oct. 24-25
Doubletree Hotel, 2001 Point West Way, Sacramento.
For sponsorship and exhibitor opportunities, contact Sophie You at (916) 791-5044.

SOCIALIZE

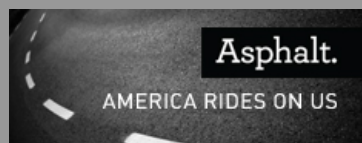


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CHOOSE ASPHALT

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.



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



A Hamburg Wheel Track device.

→ New survey finds 79 million tons of recycled asphalt used in U.S., saving tax dollars; CA usage is below national average

The latest National Asphalt Pavement Association (NAPA) / Federal Highway Administration (FHWA) survey of asphalt producers' use of recycled materials and warm-mix asphalt finds that more than 79 million tons of recycled materials -- mostly reclaimed asphalt pavement and recycled asphalt roofing shingles -- were put to use in new asphalt pavements. To download the report, click [HERE](#).

The same survey found that more than 31 percent of all asphalt pavement mixture produced during the 2016 construction season was produced using energy-saving warm-mix asphalt technologies.

The survey, conducted by NAPA in partnership with FHWA for each construction season since 2009, found that nearly 117 million tons of WMA was produced in 2016. In 14 states, more than half of all asphalt pavement mixture was produced as WMA; in three of those states, more than 75 percent of asphalt pavement mixture was produced using WMA technologies.



The survey also found that more than 76.9 million tons of reclaimed asphalt pavement (RAP) and nearly 1.9 million tons of recycled asphalt roofing shingles (RAS) were used in new asphalt pavement mixes in the United States during in 2016. Reclaiming and reusing the asphalt cement in RAP and RAS saved more than \$2.1 billion in 2016 compared to the use of virgin materials and saved nearly 50 million cubic yards of landfill space from reclaiming RAP alone.

In California, the survey found RAP utilization was 18 percent, which is below the 20 percent national average. Nationwide, the survey found the biggest limiting factor to greater RAP utilization is agency specifications. Caltrans has recently announced its intention to increase RAP usage from 15 percent to 25 percent. To read a previous *Asphalt Insider* story on the announcement, click [HERE](#).

just what you're looking for. Click [HERE](#) for more information.



CalAPA

California Asphalt Pavement Association (CalAPA)

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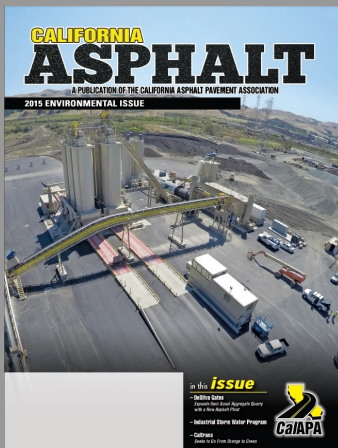
1550 Harbor Blvd., Suite 211
West Sacramento, CA 95691

(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



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



A loader works a RAP stockpile.

→ Registration open for annual CalAPA Golf Tournament Sept. 20 In Industry Hills

Registration is now open for one of the most popular asphalt industry events of the year, the annual CalAPA Golf Tournament. This year's tournament will take place on Thursday, Sept. 20 at the fabulous Industry Hills Golf Club at the Pacific Palms Resort in Industry, Calif. This event sells out every year so early registration is strongly recommended. Click [HERE](#) to visit the sign-up page.

Please note that there is an earlier start time for this year's tournament. The shotgun start will be 8 a.m. and the awards presentations will be a lunchtime event, not a dinner event as has been the format for previous tournaments.



Clowning around at last year's CalAPA Golf Tournament were (L-R): Nick Schaefer (carried), Brian Platt, Zach Wheeler and Chris Gerber of G3 Quality, Inc.

The golf tournament is sponsored by the CalAPA Southern California Contractors' Committee. Proceeds from the event help support CalAPA's workforce development efforts, such as its annual

International Road Federation fellowship and providing free passes to CalAPA conferences for college students who are aspiring materials engineers.

There are numerous sponsorship opportunities to help CalAPA members build their brand and support a good cause. To view a flier of the various sponsorship choices, click [HERE](#). To view a list of last year's sponsors, click [HERE](#).

For more information, contact Sophie You of CalAPA at (916) 791-5044. To view photos of last year's tournament, click [HERE](#) to view the album on CalAPA's Facebook Page.

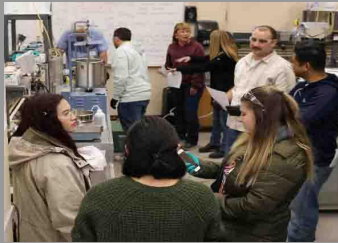
call Kerry Hoover with Construction Marketing Services at (909) 772-3121.

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.

DESIGN!

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

To visit the PAVExpress 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



This year's CalAPA golf tournament will be held on the famed "Ike" course at the picturesque Pacific Palms Resort.

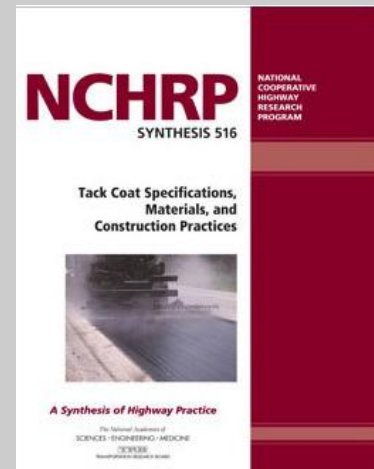
→ Synthesis on tack coat research and best practices released by NCHRP

The Transportation Research Board (TRB) National Cooperative Highway Research Program (NCHRP) has released a synthesis of research and best practices with regard to the use of tack coats. To download the report, click [HERE](#).

"Synthesis 516: Tack Coat Specifications, Materials, and Construction Practice" provides agencies with guidance as they re-evaluate their tack coat specifications, the materials they use, and the practices by which the tack coats are placed, the TRB says.

Pavement thickness design assumes that pavement works together as one layer, rather than a stack of individual layers working independently. Tack coats function as bonding agents between each lift of a pavement section to create the desired monolithic pavement structure.

A tack coat is a sprayed application of asphalt material upon an existing asphalt or Portland cement concrete (PCC) pavement prior to an overlay, or between layers of new Hot Mix Asphalt.



→ Tech Term of the Week

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

DENSE-GRADED ASPHALT PAVEMENT: An overlay or surface course consisting of a mixture of asphalt binder and a well-graded (also called dense-graded) aggregate. A well-graded aggregate is uniformly distributed throughout a full range of sieve sizes.

→ Paving Pointer of the Week

CalAPA at (916) 791-5044 for details. This service is available to public agencies and CalAPA members only.



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](#).

RECORD RETENTION AFTER PROJECT COMPLETION: Take a final photograph of the site for your records and retain all records from the project including: copies of all truck delivery tickets and record of all the temperature recordings and compaction readings you took during the project.

→ Quote of the Week

"Just remember, you can't climb the ladder of success with your hands in your pockets."

Arnold Schwarzenegger

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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