

CALIFORNIA ASPHALT INSIDER

The latest news and views from the California Asphalt Pavement Association
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www.calapa.net

IN THIS ISSUE

[Collecting data one shovel-full at a time: Industry & Caltrans collaborate on reference sample program](#)

[Registration open for Fall Asphalt Pavement Conference Oct. 24-25 in Sacramento; Program expanded with classes, events](#)

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

[Pavement Pointer of the Week: Pre-construction planning](#)

[Quote of the Week: Cesar Chavez](#)

CALENDAR

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

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[SIGN UP NOW!](#)
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
Details [HERE](#).

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[NEW EVENT!](#)
Topgolf pre-conference networking event
Tuesday, Oct. 23, 6 p.m.
Topgolf, 1700 Freedom Way, Roseville
Flier [HERE](#). Sign-up [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.

→ Collecting data one shovel-full at a time: Industry & Caltrans collaborate on reference sample program for RHMA-G, HWT

In the latest example of industry and agency collaboration to foster mutual understanding, CalAPA member Knife River opened its Marysville plant to more than two dozen materials technicians and engineers last week as part of an ambitious Reference Sample Program (RSP) and research study 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, and a key milestone was collection of scores of samples to be sent out to about 30 labs statewide for testing, comparison and evaluation.

The late-night event Aug. 28 involved two loads of RHMA-G being placed in precise windrows in a designated area of the Knife River facility, and then technicians pulling random samples in a carefully choreographed operation that resulted in scores of samples boxed up and placed on pallets for shipment to labs around the state.



Samples of RHMA-G ready to be secured, placed on pallets and shipped.

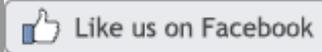
Surveying the scene, which was illuminated by floodlights and ringed by sample boxes, pallets, and technicians scurrying about, consultant Paul Curren explained how the samples were collected per national and state standards so that the study will stand up to scientific and engineering rigor.

"The sampling method we are using is CT125 from a windrow," Curren said. "The test method says three or more locations. We're going to use four because that is the quantity of the material we want. Each location in that windrow is considered a sub-part of the sample, so there are four sub-parts. Each sub-part has been randomly chosen to go with the other sub-part, so it's true random sampling. Distribution to the testing labs is also randomly determined. We are following ASTM 3665, which is random sampling of construction materials."

The study is focused on RHMA-G and AASHTO T324 evaluation of the HWT test. "The way we are approaching it we'll also be able to develop precision statements for the test method that could be

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REGISTRATION OPEN!
Fall Asphalt Pavement
Conference, Oct. 24-25
Doubletree Hotel, 2001 Point
West Way, Sacramento.
Details [HERE](#).
For sponsorship and exhibitor
opportunities, contact Sophie
You at (916) 791-5044.

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.



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

applied to the AASHTO or the ASTM tests, so we have an idea how much innate variability the test has in itself," Curren said.

Industry representatives praised the ambitious study.

"Knife River is pleased to be able to work with Caltrans to gather information to help in our discussions on improving test methods, mix designs and overall pavement quality and performance," said Tim Denlay, Northern California Quality Control Manager for Knife River and co-chairman of the CalAPA Technical Advisory Committee. The company's Marysville plant is about 40 miles north of Sacramento. "We expect this activity will add significantly to the knowledge base about RHMA-G mixes and influence state and national standards. Thanks to all involved, especially the volunteers."

Caltrans also praised the cooperation between all parties that made the research activity possible.

"We are very appreciative of Knife River for their support in this important project," said Tim Greutert, acting Chief of Materials Engineering and Testing Services for Caltrans. "This collaborative effort is helping Caltrans and industry address a shared concern about handling of Rubberized Hot Mix Asphalt. The data we collect will be invaluable in helping us make sound engineering judgements with regard to our specifications, test methods and construction standards."

"In California," Greutert added, "we are leading the nation in the use of Rubberized Hot Mix Asphalt. The research we are conducting today will have national implications in the future. We want to ensure that our pavements are long-lasting as well as sustainable."

More photos from the RSP sampling event at Knife River are posted on the CalAPA Facebook Page [HERE](#). Progress on the study will be featured in future issues of the *Asphalt Insider* newsletter.



Samplers plunge into a windrow of RHMA-G at the Knife River plant in Marysville.

→ **Registration open for Fall Asphalt Pavement Conference Oct. 24-25 in Sacramento; Program expanded with new events, classes**

Registration is now open for the must-attend event of the year -- the CalAPA Fall Asphalt Pavement Conference in Sacramento. The annual event has been expanded to include training classes, a pre-conference Topgolf networking event and special "Women of Asphalt" dinner and leadership panel discussion. Information on the

for. Click [HERE](#) for more information.



CalAPA

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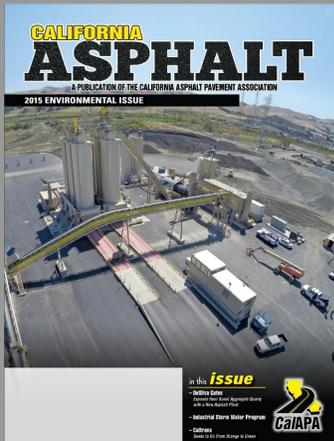
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BACK ISSUES

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



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

conference and related events can be found [HERE](#).

Conference presentations will cover best practices in Hot Mix Asphalt design, specifications, testing, placement, future trends, public works funding, research and the status of evaluations. Noted experts from across the state and the nation will delve into topics that are practical and relevant to anyone working in the field today. Caltrans' utilization of higher recycled content in asphalt mixes, plus new pavement smoothness specifications, will receive extra attention.



The conference will take place at the Doubletree Hotel, 2001 Point West Way in Sacramento. There is a special lodging rate for conference attendees. Click [HERE](#) to learn more.

Author and noted speaker Mark Breslin, CEO of United Contractors, will deliver a keynote address and disruption and future trends in the construction industry. Amy Miller, national director of the Asphalt Pavement Alliance, will speak about national trends and how they could impact the asphalt industry in California. The Day 1 agenda of speakers and topics is [HERE](#). The Day 2 program agenda is [HERE](#).

A special "Women of Asphalt" leadership panel discussion and dinner will take place on Oct. 24, featuring accomplished professionals in the asphalt industry offering success strategies that are applicable to aspiring leaders in the industry and public agencies as well. A flier for the dinner is [HERE](#). The dinner is complimentary for all conference attendees. Those seeking to attend the dinner and leadership program only may register [HERE](#).



Amy Epps Martin, Ph.D., P.E., Research Engineer from the Texas A&M Transportation Institute, will be among the Fall Conference speakers.

Also new this year is an optional pre-conference networking event at the Topgolf sports entertainment venue Oct. 23 in nearby Roseville. A flier for that event is [HERE](#). To sign-up for the Topgolf event click [HERE](#).

Optional half-day training classes are being held in conjunction with the conference and can be added to the conference registration at a discount, or purchased separately. Back this year is the popular "Asphalt Pavement 101" overview class, taught by former senior Caltrans and Asphalt Institute materials engineer Roger Smith. A flier for his class is [HERE](#). There will also be an optional "Quality Asphalt Paving" class, taught by veteran paving contractor and consultant Skip Brown, who has personally supervised the placement of more than 4 million tons of asphalt across California during his career. A flier for that class is [HERE](#).

There are numerous sponsorship and trade-show booth opportunities. Click [HERE](#) to download the sponsorship flier, or contact Sophie You of CalAPA at (916) 791-5044 for details.

➔ CalAPA offices closed for Labor Day

CalAPA offices will be closed on Monday, Sept. 3 in observance of the

STAY INFORMED



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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!



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

→ Tech Term of the Week

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

HMA: Hot Mix Asphalt, otherwise known as AC (Asphalt Concrete), a
mixture of manufactured rock and sand held together by asphalt
binder.

→ 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](#).*

PRE-CONSTRUCTION REVIEW: Every paving project should start with
a detailed review of the project's contract, plans, and specifications.
Any questions arising from this review should be promptly directed to
the design firm's engineers.

→ Quote of the Week

"To make a great dream come true, the first requirement is a great
capacity to dream; the second is persistence."

Cesar Chavez

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)

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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