



The California Asphalt Pavement Association

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## FALL ASPHALT PAVEMENT CONFERENCE & EXPO

Wednesday & Thursday, November 6 – 7, 2019

Hilton Sacramento Arden West; 2200 Harvard St, Sacramento, CA 95815-3306

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### WEDNESDAY, NOVEMBER 6<sup>th</sup> - DAY 1 PROGRAM

- 11:30 a.m.**      **Registration Desk, Trade Show Floor OPEN**  
Refreshments and snacks included
- 01:00 p.m.**      **Conference Welcome:**  
*Jordan Reed, George Reed, Inc. & 2019 CalAPA Chairman*  
Challenges and opportunities facing the industry in 2019 and beyond.
- 01:15 p.m.**      **Legislative: Washington Update – Issues Impacting the Asphalt Industry**  
*Jay Hansen, Executive Vice President – Advocacy; National Asphalt Pavement Association*  
An overview of the industry efforts to secure long-term Federal funding for roadway improvements. Learn how the current political climate affects legislative activity for the asphalt pavement construction industry.
- 02:00 p.m.**      **Environmental: Addressing AB617 Implementation**  
*John Lane, Teichert Materials*  
In 2017, the State of California enacted AB617 – Non-vehicular Air Pollution: Criteria Pollutants and Toxic Air Contaminants. CARB and regional air districts are developing implementations plans to reduce these pollutants and contaminants. Learn about the requirements on our industry and how CalAPA and other industry stakeholders are involved in the development process.
- 02:30 p.m.**      **Technical: Enacting Changes to the Hamburg Wheel Track Test for Improved Reliability**  
*Maged Armanuse, Branch Chief METS, California Department of Transportation (Caltrans)*  
The Pavement & Materials Partnering Committee (PMPC) have completed necessary revisions to the HWTT (AASHTO T324). Learn about the issues with the HWTT and the change strategy utilized to revise the test.
- 03:00 p.m.**      **BREAK**
- 03:30 p.m.**      **Workforce Development: Addressing the Construction Industry Workforce Crisis**  
*Sue Weiler-Doke, Senior Consultant, D. Brown Management*  
It's a "perfect storm" of factors that is battering the construction industry at all levels. The talent pipeline is running dry, from the lack of experienced craft workers in the field to effective project managers and leadership succession planning. This crisis will undercut the ability of companies and agencies to deliver current and future work. A noted expert in construction work force development will share insights, strategies and techniques for companies and agencies to become "talent magnets" to recruit, develop and retain a steady flow of workers now and for years to come.
- 04:15 p.m.**      **Featured Speaker: Adventures in Travel Before Paved Roads**  
*The Ghost of Mark Twain, as portrayed by McAvoy Lane*  
For 30 years, in over 4,000 performances, from Piper's Opera House in Virginia City to Leningrad University in Russia, McAvoy Layne has been preeminent in preserving the wit & wisdom of "The Wild Humorist of the Pacific Slope," Mark Twain. McAvoy is a winner of the Nevada Award for Excellence in School and Library Service, and author of, "Huck Finally Graduates!" Mac plays the ghost of Samuel Clemens in the Biography Channel's episode of Mark Twain, and the Discovery Channel's Cronkite Award winning documentary, Adventures of Huckleberry Finn.

05:00 p.m. DAYTIME SESSIONS CONCLUDE

05:30 p.m. EVENING RECEPTION & EXHIBITOR SHOWCASE

Beverages & snacks available. Trade show floor open. Pose for “selfies” with the Ghost of Mark Twain.

06:00 p.m. DINNER & FEATURED SPEAKER

*Kiana Valentine, Executive Director, Transportation California*

Transportation funding in California has become a political football, bouncing between Sacramento and Washington, D.C., with the asphalt pavement industry caught in the middle. Transportation California Executive Director Kiana will go beyond the headlines to help everyone understand what it all means for 2020 and beyond.

**THURSDAY, NOVEMBER 7<sup>TH</sup> - DAY 2 PROGRAM**

07:00 a.m. Registration Desk, Trade Show Floor OPEN

Full Breakfast included

08:00 a.m. Environmental: Sustainability in Practice

*Adam J.T. Hand, P.E., Ph.D., Associate Professor, Department of Civil Engineering, University of Nevada - Reno*  
Organizations throughout various industries include sustainability as a primary goal in their strategic plans. How do asphalt pavement stakeholders apply sustainability to their daily operations? Dr. Hand provides an overview of sustainability, which includes understanding sustainability, what practical activities stakeholders should consider, and how stakeholders incorporate these activities in a sustainability program.

	<b>CONCURRENT SESSIONS</b>		
	<b>MATERIALS</b>	<b>BINDERS</b>	<b>SUSTAINABILITY</b>
09:00 a.m.	<b>Superpave Mix Designs</b> <i>Dave Aver – City of Santa Rosa</i> <i>Greg Reader – George Reed, Inc.</i> Explore procedures used to create a quality asphalt mix. This session provides an overview of the test methods used and how the results are incorporated in the final Job Mix Formula (JMF).	<b>Asphalt Emulsion 101</b> <i>Sallie Houston –VSS Emultech</i> Asphalt Emulsions are used in various aspects of pavement construction and maintenance. Learn how they are made, tested, graded and utilized.	<b>Sustainability in Practice – Specific Actions</b> <i>Adam Hand – UNR</i> Learn about specific sustainability actions that can be taken in a corporate/organizational strategy, project delivery, mix design, materials production, construction activities, and pavement design.
09:45 a.m.	<b>BREAK</b>		
10:15 a.m.	<b>Troubleshooting the JMF</b> <i>Greg Reader – George Reed, Inc.</i> <i>Dave Aver – City of Santa Rosa</i> Learn the various relationships between the material and mix characteristics and how they are used to adjust the mix design to meet the project requirements.	<b>Modified Asphalt Binders 101</b> <i>Edgard Hitti – Granite Construction</i> Mr. Hitti, a respected binder expert, will provide an overview of the benefits of modified binders, what are the types of modifiers used, and how these binders are tested and graded.	<b>Sustainability in Practice – Specific Actions</b> <i>Adam Hand – UNR</i> Dr. Hand provides insight on why asphalt industry stakeholders should consider a sustainability program and how to create the program.

11:15 a.m. Technical: Evaluating High RAP Mixes - UCPRC Overview of Current Research

*Mohamed Elkashef, Ph.D. – Postdoctoral Research Associate, University of California Pavement Research Center*  
Dr. Elkashef will provide an overview of UCPRC’s research related to the use of RAP in asphalt mixes. The Center’s efforts include lab, full scale test track and field evaluations. Dr. Elkashef will also provide current research activities across the US and how agencies and the industry can assist in current research efforts.

12:00 p.m. DAY 2 PROGRAM CONCLUDES