



The California Asphalt Pavement Association

FALL ASPHALT PAVEMENT CONFERENCE & EXPO

Wednesday, Oct. 13, 2021 – 8 a.m. to 6 p.m.

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

KEYNOTE SPEAKER BIOS

8 a.m.



Amarjeet S. Benipal has more than 30 years of experience with Caltrans, including his current assignment since September 2014 as the District 3 Director, which covers the following 11 counties: Butte, Colusa, El Dorado, Glenn, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo and Yuba. He also has project delivery responsibility for the 22 counties that make up Districts 1 and 2 of the North Region. Some of the notable projects the District has accomplished under his leadership include “Raise 80” (a \$36 million project increasing the vertical clearance of nine bridge structures in Placer County to federal standards), “80 Across the Top” (a \$133 million Interstate 80 rehabilitation and HOV project in Sacramento) and overseeing more the 20 water-quality improvement projects on state highways all around the Lake Tahoe Basin at a cost of more than \$500 million. For the 2017-18 fiscal year, District 3 has 24 signed contracts for projects valued at more than \$276 million. He is also the former State Pavement Engineer.

8:15 a.m.



Audrey Copeland, Ph.D., P.E., is president and CEO of the National Asphalt Pavement Association (NAPA). In that role, she oversees the strategic direction and operations of all NAPA programs and leads a staff dedicated to supporting, advocating for, and advancing the asphalt industry. Prior to being named president & CEO, she served as NAPA’s Vice President of Engineering, Research, and Technology. In this role, she secured \$5 million in dedicated funding for asphalt technology, research, and development. A first in NAPA’s history, under her leadership, NAPA was awarded more than \$2 million in federal funding to advance innovative asphalt technologies. She led the five-year project which has resulted in continued growth of recycled asphalt pavements; improved production, construction, and performance of asphalt mixtures; and numerous educational opportunities through industry-government

working groups, conferences, and publications.

8:45 a.m.



Vince Mammano is the Division Administrator for the California Division of the Federal Highway Administration (FHWA). He entered into this position as well as the Senior Executive Service of the Federal Government in August of 2011. He leads the largest FHWA Division office in the country. He is responsible for directing the delivery of the Federal-aid program and advancing national goals. He leads a multidisciplinary professional staff responsible for civil rights, safety, planning, finance, environment, engineering, and operations. Mammano formerly served as the Chief Operating Officer in California, a position that he held since May 2008. Prior to this assignment, he served as the Assistant Division Administrator in the Hawaii Division. He has also held other key leadership assignments in the FHWA including Field Operations Team Leader in Virginia and Metropolitan Intermodal Engineer in the Philadelphia Metropolitan Office. Mammano joined the FHWA in 1993 on their

Engineering Training Program. He holds a Bachelor’s Degree in Civil Engineering from the University of Maryland and is a graduate of the Federal Executive Institute.

CAPITOL PERSPECTIVE

9:15 a.m.



Jeff Sievers is the contract advocate in Sacramento for the California Asphalt Pavement Association. As a principal in the firm Carpenter Sievers, named by *the Sacramento Journal* in 2021 as one of the Top 25 lobbying firms in Sacramento, Sievers leads a team specializing in managing legislative issues, political and issue advocacy campaigns, grassroots advocacy, and strategic communications. He has managed sophisticated national, multi-state lobbying and issue management campaigns on behalf of the firm's clients. He works extensively on energy, labor, transportation, environmental and financial services issues. Prior to co-founding the firm, he served as Vice President of the Civil Justice Association of California (CJAC), where he was responsible for lobbying, executing the organization's political programs, developing statewide ballot initiatives, and expanding political fundraising efforts. He is a lawyer and a member of the California State Bar. He received his

bachelor's degree in Government with honors from California State University, Sacramento. He earned his law degree from the University of the Pacific, McGeorge School of Law, where he graduated with distinction and served as editor of the *Transnational Lawyer*.

TECHNICAL PRESENTATIONS

10 a.m.



Terry "TJ" Young is president of Technical Training and Advisory Services Company, or T2ASCO LLC (*pronounced TASCO*), and has over 35 years experience in the asphalt industry; including 16 years working for two different plant manufacturers, five years working as a regional manager for a material producer and contracting company, and since 2000 has served as a consultant to the industry. Since 2012 he has also served as Production Manager for Duval Asphalt in Jacksonville, Florida between consulting projects and meetings. Young has been actively involved in developing technical materials in the area of mix production for NAPA, NCAT, the Asphalt Institute, and is a frequent speaker to the industry for NAPA, World of Asphalt, CONEXPO CON/AGG, and to various state contractor associations, including CalAPA, as well as departments of transportation.

11 a.m.



Adam Hand, Ph.D., P.E., has B.S., M.S., and Ph.D. degrees in Civil Engineering and is a registered Professional Engineer in several states. He joined the University of Nevada Reno as a Civil Engineering Professor in 2016. Prior to that he worked for Granite Construction for 16 years serving in various roles and was the VP of Quality Management the last six years. He actively serves the industry and community via numerous technical committees, advisory panels/boards, and board of director appointments including several non-profits.

ENVIRONMENTAL EXPERT PANEL DISCUSSION (MODERATORS)

1 p.m.



Scott Taylor is President of Taylor Environmental Services , Inc., which provides environmental consulting services to a variety of industries. He received his B.S in Engineering Technology from Cal Poly Pomona and an MBA for Cal State Long Beach. He has been active in assisting clients for over 20 years in addressing environmental issues with a focus on the construction materials industry. He is a frequent contributor to the trade association on environmental issues. He has served on the CalAPA Environmental Committee since 2003 and currently serves as its Co Chair.



Scott Cohen, P.E., C.I.H., is a principal engineer with Sespe Consulting, a Trinity Consultants Company. His firm provides environmental consulting and regulatory compliance service to clients across California. He is a longtime participant in the CalAPA Environmental Committee, has authored numerous technical articles for the CalAPA magazine, *California Asphalt*, and is currently co-chair of the CalAPA Environmental Committee.

ENVIRONMENTAL EXPERT PANEL DISCUSSION PANELISTS

1 p.m.



Michael Quigley is executive director of the California Alliance for Jobs. He has spent his career navigating politics and advocating for infrastructure and transportation development. Since joining the Alliance in 2008, Michael has helped secure tens of billions of investment dollars towards public works and infrastructure projects. In 2014, the Alliance was instrumental in the passage of Proposition 1, which invested \$7.5 billion to upgrade California’s water infrastructure. In 2016, the Alliance successfully worked to pass over \$30 billion in local transportation funding. And in 2017, the Alliance led a coalition supporting the passage of SB1, a historic \$52 billion state transportation funding package. That coalition effort continued into the next year with the successful defeat of 2018’s Proposition 6, a ballot measure that would have repealed the new transportation funding. His broad portfolio covers legislative, political and regulatory issues, as well as statewide ballot initiatives and local transportation sales tax measures. Michael attended New Mexico Military Institute before serving in the Army National Guard, and he graduated from Texas A&M University with a B.A. in history.



Michael Burrell is territory manager for San Diego and Imperial counties for Volvo Construction Equipment & Services, a position he has held for the past 10 years. He provides sales and support services to the asphalt pavement industry in the two-county area, and is familiar with air quality and water quality regulations as they relate to construction equipment and operations. He previously worked for Hanson Aggregates and J. Cloud Inc., specializing in quarry operations during which he operated a wide variety of equipment. He has previously been certified as a crane operator, Class A commercial heavy vehicle operator and in materials testing through the American Concrete Institute.



William H. "Bill" Robertson, Ph.D., is a Vehicle Program Specialist for heavy duty at the California Air Resources Board. He has over 16 years in vehicle emissions testing, exhaust aftertreatment and GHG technology evaluations, and policy development. He has been particularly involved with CARB's engine demonstration work and the development of the recently adopted Heavy Duty Omnibus regulations.



Matt Eala is the Compliance Manager at DeSilva Gates Aggregates, where he oversees land use and environmental permitting for their aggregate and asphalt plant facilities. Matt has over 20 years of experience in the materials industry working for a consultant, a County, and a supplier. Matt was the project manager of the planning, permitting, and building of a 500 TPH asphalt plant in the Bay Area. He has prided himself on always searching for solutions to whatever issues arise.

LOCAL AGENCY ASPHALT SPECIFICATION

2:30 p.m.



John Harvey, Ph.D., P.E., is Professor of Civil and Environmental Engineering and Chair of the Transportation Technology and Policy graduate studies program at UC Davis, and Director of the UC Pavement Research Center (UCPRC). He is Principal Investigator for a wide range of pavement projects for Caltrans, FHWA, FAA, CalRecycle, the California Air Resources Board and industry. He is a registered civil engineer in California.

3:30 p.m.

STATE MATERIALS ENGINEERING PERSPECTIVE



Jeremy Peterson-Self is the Office Chief for the Office of Materials Management and Independent Assurance within Materials Engineering and Testing Services (METS) at Caltrans. He represents METS on various internal and external committees while overseeing many of METS corporate functions including the Independent Assurance (IA) Program and Materials Management support activities. He has a varied construction materials background having served on the Caltrans Concrete Technology Training Team, Pavement and Materials Partnering Committee - Asphalt Task Group, overseeing the initial implementation of the Caltrans/Industry Joint Training and Certification Program (JTCP) and the centralization of the IA Program.



Richard Hibbard is the Independent Assurance (IA) – North / Joint Training & Certification (JTCP) Branch Chief within Materials Engineering and Testing Services (METS) at Caltrans. He has been instrumental in developing and improving the JTCP since its inception in February of 2018. He currently serves as the program manager for the program and is the chairperson of the JTCP Advisory Council. He also manages IA Program functions for northern California including Caltrans Districts 1 and 2, and parts of 3, 4 and 9. He has a varied construction materials background having worked as a QC manager for a major readymix concrete supplier, as a QA supervisor for a major design-build project, and as a Field Engineer for Utah DOT.



Sarah Hartz is Acting Office Chief for the Office of Central Laboratories for Caltrans. She started her career in Caltrans 25 years ago in Highway Maintenance. She obtained her Commercial Driver's License and became an Equipment Operator. While working for Maintenance she went back to school and received her bachelor's degree in Civil Engineering from Cal State Northridge in 2004. She obtained her Professional Engineer's License in 2011. In 2018 she transferred to District 7 Construction as a Resident Engineer in the Antelope Valley. She was hired as the Branch Chief for the METS Independent Assurance (IA) South branch in 2019. In this role her team is responsible for more than half of the technician certifications and laboratory accreditations for the state. Her team was also instrumental in the implementation of Caltrans Corroboration Sample Program.

4 p.m.

STATE PAVEMENT DESIGN PERSPECTIVE



Tom Pyle has been with Caltrans for 34 years. His first 15 years were divided between Design, Construction and Maintenance of pavements. He developed experience in many pavement designs through a wide variety of preservation, rehabilitation, and reconstruction projects. In 2000 he assumed responsibility for the Department's aggregate, cement and concrete laboratories. At TransLab he created new specifications, wrote research papers and began working on environmental issues such as recycling and GHG reductions. In 2007 he took a position at CalEPA as leader of one 14 subgroups for California in the development of greenhouse gas reduction strategies. He later managed the development of the Caltrans' Pavement Management System, and then managed the office which is responsible for selecting and programming the preventive and rehabilitation projects for the California

highway network. Currently he is working as the chief of the Office of Asphalt Pavement and focusing on recycling and smoothness of pavements. He recently served a stint as Acting State Pavement Engineer.

4:30 p.m.



Russell W. Snyder, CAE, is executive director of the California Asphalt Pavement Association (CalAPA). Established in 1953, CalAPA is the only statewide construction trade association in California that focuses exclusively on the asphalt pavement industry. Prior to joining CalAPA in 2008, Snyder was regional director for Associated General Contractors of California, and executive director of the Laborers Training Center in Northern California. For 11 years he worked for the California Department of Transportation (Caltrans) and for the Governor's Office of Innovation in Government. His first career was in journalism, where he was a reporter and editor for United Press International at UPI bureaus in Los Angeles, Sacramento and Washington, D.C. He is a Certified Association Executive (CAE) by the American Society of Association Executives.