

Public Works Officers Institute

Wednesday, March 18 - Friday, March 20, 2020
Monterey Conference Center & Portola Hotel, Monterey, CA

Wednesday, March 18, 2020

Registration Open

10:00 am - 6:00 pm

Exhibit Hall Open

11:30 am - 6:30 pm

Meet exhibitors that specialize in all aspects of public works including the fields of transportation, planning, traffic engineering, water quality, asset management, emergency preparedness, performance measurements, management consulting and more.

Opening General Session

Opening General Session

1:00 pm - 2:15 pm

League/CEAC President's Welcome

Presider:

Gordon MacKay, President, Public Works Department, League of California Cities, Director of Public Works, Stockton

Richard Tippett, President, CEAC, Director of Transportation, Trinity County

Autonomous Vehicles: On the Road to Tomorrow

As society advances more towards the world of tomorrow, many of us are looking forward to the realization of autonomous vehicles. Join your colleagues and hear from companies specializing in autonomous vehicles technology to learn what they are currently working on and how they envision the work becoming a reality for our California cities, and specifically our roads. Panelists will give a short presentation before being interviewed by a panel of two, one representing cities and the other counties, with questions and scenarios.

Moderator:

Kris Balaji, Director of Public Works, San Joaquin County

Robert Newman, Public Works Director, Santa Clarita

Speakers:

Juanita Martinez, Government Relations Manager, GM

Kiel Ova, Head of Government Affairs and Partnerships, Traffic Technology Services, Inc.

Brad Stertz, Director, Government Affairs, Audi

Visit With Exhibitors Break

2:15 pm - 2:40 pm

Coffee, tea, and water available in the expo hall.

Concurrent Sessions from 2:40 – 3:55 p.m.

Opportunities and Challenges in Municipal 4G/5G Deployments

2:40 pm - 3:55 pm

Advanced 4G and 5G networks will serve both handsets and advanced applications including machine-to-machine communications for smart cities and the Internet of Things. These networks will create a technological foundation for new services and products that have not yet been conceived. At the same time, the deployment of Advanced 4G and 5G networks will face political, social, economic, and regulatory hurdles that no previous technology has faced. This panel will examine the value of these advanced technologies, the trade-offs and decision points that need to be navigated, and the challenges we will face moving forward.

Moderator:

Jason Nutt, Assistant City Manager / Transportation & Public Works Director, Santa Rosa

Speaker:

David Witkowski, Executive Director, Civic Technologies, Joint Venture Silicon Valley

Homelessness: Moving Beyond Streets and Parks

2:40 pm - 3:55 pm

Over half a million people go homeless on a single night in the United States. Almost half of all unsheltered homeless people are in the State of California, on our city and county streets, and in places not intended for human habitation. But, beyond places like sidewalks, parks, cars, and abandoned buildings, homeless are also finding refuge in flood control channels and river systems. How are these encampments being handled? What can be done to prevent such encampments? What legal constraints and operational solutions are available? Attend and hear about these situations in our cities and counties, what is being done, and get ideas to take back to your community.

Moderator:

Rene Guerrero, P.E., Public Works Director, Pomona

Speakers:

Mark Austin, Partner, Burke, Williams & Sorensen, LLP

Deirdre Joan Cox, Partner, Burke Williams & Sorensen LLP

Kevin King, General Manager, Reclamation District No. 1000

Kevin Onuma, Deputy Director, OC Public Works

The Road Safety and Signage Audit

2:40 pm - 3:55 pm

Typically, road safety is managed reactively as officials investigate crash locations assuming that future crashes are most likely to occur in those same locations. However, road crashes — in particular those on lower volume roads — are frequently distributed in seemingly random patterns and may not correlate to roadway deficiencies. Rather than reacting to historic crash data, identifying systemic road deficiencies offers a proactive alternative to improving roadway safety. The Roadway Signing and Safety Audit (RSSA) is one of the easiest and most cost effective ways to proactively address roadway and signing deficiencies with low-cost regulatory, warning, and guide signage improvements

Presider:

Joshua Pack, Director of Public Works and Transportation, County of Calaveras

Speakers:

Robert Paderna, Senior Transportation Engineer, Kimley-Horn and Associates, Inc.

Matt Stringer, Survey Division Manager, Mark Thomas

Matt Weir, Vice President, Kimley-Horn

Break

3:55 pm - 4:05 pm

Coffee, tea, and water available in the expo hall.

Concurrent Sessions from 4:05 – 5:15 p.m.

Challenges and Opportunities in Pavement Preservation

4:05 pm - 5:15 pm

Many challenges exist with pavement preservation. Attend and discover the use of life cycle cost analysis (LCCA) to select and program appropriate preservation treatments, then understand how to get maximum performance out of preservation treatments through specification and quality assurance. Speakers will also cover future challenges for delivering multi-functional preservation treatments to address not only preserving the pavement structure, but also active transportation issues, human thermal comfort, environmental impact of materials and construction.

Presider:

Shadi Saadeh, Professor, CCPIC

Speakers:

DingXin Chen, Professor and Director, California State University, Chico; California Pavement Preservation Center

John Harvey, Director, City and County Pavement Improvement Center, UC Davis

Sampet Kedarisetty, PhD Candidate, University of California Pavement Research Center

Project Labor Agreements for Local Public Works Projects

4:05 pm - 5:15 pm

Project Labor Agreements, once limited to mega projects, are increasingly being used on routine, local projects. Why is that, and what are the advantages and downsides? This session will provide the basic legal background on PLA's, including enabling legislation and history, what they do and don't do, legal pros and cons, and how their use has changed over time. Public Works officials from the Cities of San Leandro and Stockton will detail their experience with implementation of PLA's in their jurisdictions, including the impact on the bidding process and management/cost of their projects.

Presider:

Gordon MacKay, President, Public Works Department, League of California Cities, Director of Public Works, Stockton

Speakers:

Eric Alvarez, Public Works Director/City Engineer, Stockton

Keith Cooke, Engineering & Transportation Director, San Leandro

Jonathan Holzman, Founding Partner, Renne Public Law Group

Understanding the Legislative Process

4:05 pm - 5:15 pm

Understand the legislative process in California. Get acquainted with the three types of measures considered by the California State Legislature: bills, constitutional amendments, and resolutions. Learn how a bill becomes law and how to read a bill. Discover what makes an effective letter of support and what tools and tips to keep in mind when testifying before a committee. A review of committees will be included as well. Lastly, speakers will review how to lobby the Governor to sign or veto a bill once the bill makes it to their desk.

Moderator:

Chris Lee, Legislative Representative, CSAC

Speaker:

Kiana Valentine, Partner, Politico Group

Melanie Perron, Deputy Executive Director, Advocacy & Public Affairs

Networking Reception & Expo

5:15 pm - 6:30 pm

Thursday, March 19, 2020

Networking Breakfast

8:00 am - 9:00 am

Registration Open

8:00 am - 4:00 pm

General Session

Reimagining Leadership

9:00 am - 10:30 am

Taking control of uncertainty and successfully steering through frequent bends in the road is the fundamental leadership challenge of our time. As catalysts for continuous improvement, leaders must realize that to build organizations that are simultaneously purpose-driven, performance-focused, and principles-led is mission-critical. New circumstances require fresh solutions, and in this session, participants will learn the roots and anchors of creating a healthy workplace culture, proven approaches to attracting and developing "rock stars," differences between goalkeepers and gatekeepers, the benefits of a self-awareness x-ray, how best to close the imagination gap and to succeed by choice, not by chance.

Presider:

Richard Tippett, President, CEAC, Director of Transportation, Trinity County

Speaker:

Patrick Ibarra, Co-Founder and Partner, The Mejorado Group

Break

10:30 am - 10:45 am

Concurrent Sessions from 10:45 a.m. – 12:00 p.m.

Scrap Your Fears About Food Waste Regulations: Preparing for SB1383

10:45 am - 12:00 pm

The new requirements around organic waste reduction will soon be a reality and local governments are scrambling to position themselves to help meet the aggressive reduction rates. Learn how the regulations of SB 1383 will impact your city services and delivery. Hear promising practices from colleagues on how to develop, create and implement local programs to reach the statewide goals to reduce organic waste. Leave the session with concrete steps, solutions, and trends to processing organics, including facility development, expansion, and the new focus on edible food recovery.

Presider:

Nicole Enright, Associate Manager, Institute for Local Government

Speakers:

Jennifer Chong, Public Works Program Manager, Half Moon Bay

Chuck Helget, Director California Government Affairs, Republic Services

Cara Morgan, Branch Chief, CalRecycle

What Public Works Professionals Need To Know About Municipal Finance

10:45 am - 12:00 pm

Learn the latest hot topics in municipal public works' financing in California and the latest on state and local transportation funding. Geared towards public works professionals, you'll learn the rules and trends in taxes, fees and other revenues; the relationship with the state budget, and problems and prospects for reform. Explore tools and new ideas for funding infrastructure, operations and maintenance, and get answers to the most pressing fiscal issues facing public works.

Moderator and Speaker:

Michael Coleman, League Fiscal Policy Advisor, CaliforniaCityFinance.com

Pavement-focused Speed Sessions

10:45 am - 12:00 pm

Three topics will be presented lasting 20 minutes each.

Moderator:

Richard Tippett, President, CEAC, Director of Transportation, Trinity County

1. Reducing the Impact of Climate Change Through Improved Pavement Resiliency

10:45 am - 11:05 am

Climate change has broad impacts affecting the health of our civil infrastructure. The impact on pavement networks is no exception, with increases in temperature, extreme precipitation events, and coastal flooding causing severe and lasting damage. In extreme cases, roadways may become impassable having profound societal implications to both urban and rural communities. This session will discuss work being done locally, by the state, and federally to improve pavement resiliency to help communities assess the risk climate change poses to their pavement network and develop strategies to mitigate this risk.

Speaker:

John Harvey, Director, City and County Pavement Improvement Center, UC Davis

2. Roller Compacted Concrete - Design, Construction and Performance in California

11:05 am - 11:25 am

This discussion will cover the historical uses of RCC, including an update on the most recent projects completed in the city of Roseville in 2018. Understand the lessons learned from constructing RCC in temperatures over 100oF – including curing and dealing with panel curling – and the results from on-going monitoring of the pavement performance.

Speaker:

Carlton Allen, Project Manager, Bennett Engineering Services

3. The Unseen Impact of California Wildfires on Affected Roadway Pavements

11:25 am - 12:00 pm

Recent wildfires have destroyed countless homes and businesses statewide, and when it comes to the damage done to roadways, it's important that public works directors understand the impact of fires and cleanup efforts on their pavements. Debris removal requires a massive trucking effort, but high-volume truck-traffic is often beyond what the local pavements are designed to handle. Learn from experiences in pavement fire damage claims on the processes and challenges involved with estimating fire-related damage costs to your pavements.

Speaker:

James Signore, Associate, NCE

Lunch & Awards

12:00 pm - 1:30 pm

Enjoy networking with your colleagues over lunch followed by the time-honored delivery of California's Outstanding Local Streets & Roads Project Awards

Presider:

Gordon MacKay, President, Public Works Department, League of California Cities, Director of Public Works, Stockton

Richard Tippett, President, CEAC, Director of Transportation, Trinity County

Break

1:30 pm - 1:45 pm

Concurrent Sessions from 1:45 – 3:00 p.m.

Crowdsourcing Decision-Making: A Police Station, a River, and a Road

Public Works projects can be challenging to bring to the public, often done as a "check the box" exercise that adds little value. Three projects highlight approaches where creative community exercises helped overcome mistrust and generated community ownership and tangible solutions. In Salinas, a new police station surfaced concerns about police relations in a predominantly minority community. In Monte Rio, a long-standing bridge across the Russian River became the focus of a larger discussion of town vitality, community character, multi-modalism. In Sacramento, narrowing a four-lane arterial into an innovative complete streets design was championed as a boon to economic development.

Presider:

Noé Noyola, Community Planner, MIG Inc.

Speakers:

Samuel Baumgardner-Kranz, Senior Engineer, County of Sonoma Department of Transportation and Public Works
Megan Johnson, Senior Engineer, Sacramento - Public Works Department
Don Reynolds, City Manager, San Juan Bautista

Electric / Power Speed Sessions

Three topics will be presented lasting 20 minutes each.

1. Local Reach Codes and the Water-Energy Nexus

1:45 pm - 2:05 pm

Tasked with implementing California's strategic climate goals, local governments can adopt policies that "reach" beyond these goals to realize greater energy savings and GHG reductions. The critical water-energy nexus offers opportunities to extend savings beyond those achievable by an "energy-only" focus. Reach codes are a proven method for cities to implement innovative solutions, and the California Codes & Standards Reach Codes program, administered by California's four investor-owned utilities, provides tools and resources for jurisdictions to streamline code adoption. This session highlights water plus energy reach code measures identified through recent collaborations between California cities and the Reach Codes program.

Speaker:

Stefaniya Becking, Sr. Project Manager, Energy Solutions

2. Big Data, Little Problems

2:05 pm - 2:25 pm

Measurement and verification (M&V) tools are crucial to reviewing the success of energy efficiency projects, but they can also be used to collect and monitor important building data to identify inefficiencies and prevent major issues. We will present on how collecting interval (i.e. on an hourly or 15 minute period) energy consumption data can become an important maintenance resource in combination with M&V tools. Further, these resources can help with California AB 802 compliance on building benchmarking.

Speaker:

Chris Ford, Program Manager, The Energy Coalition

3. Energy Resiliency through Sustainable Solutions

2:25 pm - 3:00 pm

Public service power shut-offs can be called with very little notice and can last up to a week, depending on the weather conditions and how quickly the utility can inspect and repower their equipment. City and county governments are looking for ways to keep the power on at critical life safety facilities, such as emergency operations centers and evacuation shelter facilities. Attend this session and explore cleaner ways to bring resiliency along with energy savings to essential facilities using microgrid technologies. Learn from a leading design/builder who has built numerous microgrid installations in the public sector across North America, including several military microgrids that utilize sophisticated and innovative uses of distributed energy.

Speakers:

Kenneth W. Casey, Manager, Business Development, Ameresco Inc.

Break

3:00 pm - 3:15 pm

Concurrent Sessions from 3:15 – 4:30 p.m.

Public Contracting Requirements: Emergency Preparedness and Federal and State Reimbursement

3:15 pm - 4:30 pm

How can Public Works Departments prepare for emergencies? This session covers contracting best practices and procedures to have in place before a disaster, what to have during the event, and what must happen immediately after to move forward quickly to address your community's needs. Laws, regulations and executive orders have specific requirements for procuring services to restore a destroyed area and your agency needs to be eligible for disaster reimbursements from FEMA or the State. The presenters will explain the ins and outs, including possible pre- and post-procurement best practices to receive reimbursement for your agency's disaster-related expenditures.

Moderator:

Jason Nutt, Assistant City Manager / Transportation & Public Works Director, Santa Rosa

Speakers:

T. Steven (Steve) Burke, Jr., Of Counsel, Meyers Nave

Eric Casher, Principal, Meyers Nave

Robert Pesapane, Recovery Division Director, Federal Emergency Management Agency - Region IX

Tackling the Local Highway Bridge Program's Toughest Issues

3:15 pm - 4:30 pm

Lack of funding, environmental challenges, bureaucracy, and public perception of bridge needs are the toughest challenges we face as local agencies working to repair and maintain our bridge assets. This session, sponsored by the Local Highway Bridge Program Committee, will present an overview of these issues as well current and proposed committee initiatives designed as solutions. Attendees will have an opportunity to share their own experience, provide feedback to committee members, and brainstorm new bridge-policy ideas.

Presider:

Matthew Randall, Local Highway Bridge Advisory Committee Northern County Representative, Placer County

Speakers:

Namat Hosseinian, Vice President Environmental Division, Dokken Engineering

Paul Schneider, Chief Operating Officer, FHWA

Chris Sneddon, Deputy Director – Transportation, Santa Barbara County Public Works

Ray Zhang, Division Chief, Division of Local Assistance, California Department of Transportation (CalTRANS)

Variety Speed Sessions

3:15 pm - 4:30 pm

Three topics will be presented lasting 20 minutes each.

Moderator:

Jim Porter, Director of Public Works, San Mateo County

1. Huckey v. Temecula: The "New" Trivial Defect Rule for Public Sidewalks

3:15 pm - 3:35 pm

In *Huckey v. City of Temecula* (2019) 37 Cal.App.5th 1092, the Court of Appeal held that sidewalk slab elevation changes measuring up to one and one-half inches are generally trivial defects. This was the first case in more than 4 decades to discuss the trivial defect rule in the context of sidewalk slab elevations. The decision is extremely favorable to public entities because it doubled the "3/4 inch rule" set forth in the prior decision of *Fielder v. City of Glendale* (1977) 71 Cal.App.3d 719. This session will explain the Huckey decision, and will offer practical guidance on how to address sidewalk slab elevations in light of that decision.

Speaker:

Robert Ceccon, Trial Attorney, Richards, Watson & Gershon

2. The Future Ain't What It Used To Be!

3:35 pm - 3:55 pm

The once predictable world of recycling and solid waste is in chaos! Recycling centers are shutting down. Recycling markets are disappearing. New state mandates and new environmental regulations appear every year. Costs are soaring while revenues shrink. And program managers are struggling to figure out how to deal with everything from batteries to vapes, food waste to microplastics, solar panels to tobacco waste. What's a manager to do? Come find out!

Speaker:

Tim Goncharoff, Zero Waste Programs Manager, Santa Cruz County

3. Public Outreach Using Virtual Meetings

3:55 pm - 4:30 pm

Learn about new and innovative methods to engage the public in vital discussions about projects, construction and important issues affecting them financially. By utilizing public outreach technologies to reach and receive feedback from a vast audience, witness how one county department hosted virtual meetings via a variety of social media outlets. By using the available cost effective tools, they were able to facilitate electronic bidding, provide on-demand outreach via subscription services and project visualizations to better inform the public.

Speaker:

Najee Zarif, Interim Deputy Director, San Joaquin County - Department of Public Works

Friday, March 20, 2020

Registration Open

8:00 am - 10:15 am

Networking Breakfast

8:00 am - 9:00 am

Spend the morning with your city and county colleagues before the League resumes its separate closing session.

Closing General Session

9:00 am - 11:00 am

League Business & Legislative Updates (9:00 – 9:45 a.m.)

President:

Gordon MacKay, President, Public Works Department, League of California Cities, Director of Public Works, Stockton

Speaker:

Derek Dolfie, Legislative Representative, League of California Cities

Bridging The Gap: Communication Between Generations In The Workforce (9:45 – 11:00 a.m.)

With Generation Z just graduating from high school, there are now five generations in the workforce, with Millennial generation becoming the fastest growing. Each generation brings strengths and deals with differently with adversity, which can create conflict. This session will look at the strengths that each generation brings to the workplace. Learn how each generation can effectively work together and discuss generational clash points and best practices to unite your workforce.

President:

Gordon MacKay, President, Public Works Department, League of California Cities, Director of Public Works, Stockton

Speaker:

Kathy Espinoza, MBA, MS, CPE, CIE, AVP, Ergonomics & Safety, Keenan & Associates