PUBLIC WORKS OFFICERS
Institute & Expo

March 18 – 20, 2020
Monterey Conference Center

Registration and Housing Deadline:
Tuesday, February 18, 2020 | www.cacities.org/events
**Registration Open**
10:00 a.m. – 6:00 p.m.

**Exhibit Hall Open**
12:00 – 6:30 p.m.

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**Opening General Session**
1:00 – 2:15 p.m.
League/CEAC President’s Welcome

**General Session Keynote**
The World Of Tomorrow is Around The Corner
As society advances towards the world of tomorrow, many of us are anticipating the realization of autonomous vehicles. Join your colleagues and hear from car manufacturing companies specializing in autonomous vehicles technology. 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. You’ll get a chance to ask your questions too!

**Visit With Exhibitors Break**
2:15 – 2:40 p.m.

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

**Opportunities and Challenges in Municipal 4G/5G Deployments**
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.

**Homelessness: Moving Beyond Streets and Parks**
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.

*For speaker information, go to www.cities.org/PublicWorksEd
*Sessions/Speakers are subject to change*
**Concurrent Sessions**

2:40 – 3:55 p.m., Continued

**The Road Safety and Signage Audit**

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.

**Break**

3:55 – 4:05 p.m.

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**Concurrent Sessions**

4:05 – 5:15 p.m.

**Challenges and Opportunities in Pavement Preservation**

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.

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**Project Labor Agreements for Local Public Works Projects**

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.

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**Understanding the Legislative Process**

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.

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**Networking Reception & Expo**

5:15 – 6:30 p.m.
Registration Open
8:00 a.m. – 4:00 p.m.

Networking Breakfast
8:00 – 9:00 a.m.

THURSDAY, MARCH 19

THURSDAY MORNING
General Session
9:00 – 10:30 a.m.

Reimagining Leadership
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.

Break
10:30 – 10:45 a.m.

CONCURRENT SESSIONS
10:45 a.m. – 12:00 p.m.

Scrap Your Fears About Food Waste Regulations: Preparing for SB1383
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.

Reducing the Impact of Climate Change Through Improved Pavement Resiliency (10:45 – 11:05 a.m.)
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.

What Public Works Professionals Need To Know About Municipal Finance
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.

Roller Compacted Concrete — Design, Construction and Performance in California (11:05 – 11:25 a.m.)
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 100°F – including curing and dealing with panel curling – and the results from on-going monitoring of the pavement performance.

The Unseen Impact of California Wildfires on Affected Roadway Pavements (11:25 a.m. – 12:00 p.m.)
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.

LUNCH & AWARDS
12:00 – 1:30 p.m.
Enjoy networking with your colleagues over lunch followed by the time-honored delivery of California’s Outstanding Local Streets & Roads Project Awards.

Break
1:30 – 1:45 p.m.

For speaker information, go to www.cacities.org/PublicWorksEd
*Sessions/Speakers are subject to change*
The Soberanes Fire of 2016, followed by a record-breaking rainy season, caused catastrophic blowouts at two creek culverts, isolating some 60 homes. The panel will discuss the disaster-recovery lessons learned during the Palo Colorado Road Repair Project. Specifically, they will discuss approaches to reconciling FEMA reimbursement requirements, design and permitting challenges, and practical constructability complications faced in this rural terrain. The panel will also discuss how these lessons can apply to other communities in the urban-rural interface.

**Concurrent Sessions**

1:45 – 3:00 p.m.

**Fire and Floods: Recovering from California’s New Normal**

Today, residents in Big Sur travel safely via Palo Colorado Road. Just a short time ago, that was impossible. The Soberanes Fire of 2016, followed by a record-breaking rainy season, caused catastrophic blowouts at two creek culverts, isolating some 60 homes. The panel will discuss the disaster-recovery lessons learned during the Palo Colorado Road Repair Project. Specifically, they will discuss approaches to reconciling FEMA reimbursement requirements, design and permitting challenges, and practical constructability complications faced in this rural terrain. The panel will also discuss how these lessons can apply to other communities in the urban-rural interface.

**Electric and Power Speed Sessions**

Three topics will be presented lasting 20 minutes each.

**Local Reach Codes and the Water-Energy Nexus** (1:45 – 2:05 p.m.)

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.

**Big Data, Little Problems** (2:05 – 2:25 p.m.)

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 data (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.

For speaker information, go to www.cacities.org/PublicWorksEd

*Sessions/Speakers are subject to change*

**Energy Resiliency through Sustainable Solutions** (2:25 - 3:00 p.m.)

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 counties 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 learn about cleaner ways to bring resiliency along with energy savings to essential facilities using microgrid technologies.

**Concurrent Sessions**

3:00 – 3:15 p.m.

**Public Contracting Requirements: Emergency Preparedness and Federal and State Reimbursement**

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.

**Tackling the Local Highway Bridge Program’s Toughest Issues**

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. City, County, Caltrans, FHWA and consultant experts will present and facilitate discussion on these topics. Attendees will have an opportunity to share their own experience, provide feedback to committee members, and brainstorm new bridge-policy ideas.
To request a mail-in registration form, contact

For online registration, go to


appears every year. Costs are soaring while

The once predictable world of recycling and solid waste is in chaos! Recycling centers are disappearing. New state mandates and new environmental regulations appear every year. Costs are soaring while

The Future Ain’t What It Used to Be! (3:35 – 3:55 p.m.)
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

### Registration Open
8:00 – 10:15 a.m.

### Networking Breakfast
8:00 – 9:00 a.m.

### Closing Session
9:00 – 11:00 a.m.

#### League Business & Legislative Updates
Bridging the Gap: Communication between Generations in the Workforce
With Generation Z just graduating from high school, there are now five generations in the workforce, and the Millennial generation is fast becoming the largest group. Each generation brings strengths and deals with adversity differently, 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.

#### Registration Information

**Registration & Housing Deadline:** Tuesday, February 18, 2020

**STEP 1: REGISTER FOR THE CONFERENCE**
Registration is not complete until full payment is received. The League is unable to accept partial payments.

- For online registration, go to www.cacities.org/events and select “Public Works Officers Institute”.
- To request a mail-in registration form, contact mdunn@cacities.org.

Registration must be received by the registration and housing deadline. **After this date, please register onsite if space is still available.**

### Costs/Fees
Full conference registration includes admission to all sessions on Wednesday, Thursday, and Friday; admission to the Wednesday reception; admission to the Thursday breakfast and lunch; admission to the Friday breakfast; and access to all program materials.

| Full: Member-city Public Works Officials/City Engineers/Staff | $625 |
| Full: Company/Consultant/League Partners | $750 |
| Full: Non-Member City | $1,625 |
| One Day: Member-city Public Works Officials/City Engineers/Staff | $350 |
| One Day: Company/Consultant/League Partners | $500 |
| One Day: Non-Member City | $1,350 |
| Guest Registration (Wednesday Reception Only) | $50 |

The guest fee is restricted to persons who are not city or public officials, are not related to any League Partner or sponsor, and would have no professional reason to attend the conference. It includes admission to Wednesday’s networking reception only. There is no refund for the cancellation of a guest registration. It is not advisable to use city funds to register a guest.

### Cancellations
Refunds of rate paid, minus $75 processing charge, will be made for cancellations submitted in writing to mdunn@cacities.org and received by the registration and housing deadline. There are no refunds for cancellations after this date. Substitutions can be made onsite.

If you require special accommodations related to facility access, transportation, communication and/or dietary requests, please contact our Conference Registrar at mdunn@cacities.org by the Registration & Housing Deadline.

**STEP 2: RESERVE A HOTEL ROOM**

#### Hotel Information & Reservations
A limited number of hotel rooms are available for conference attendees. All attendees must register for the conference prior to reserving a hotel room. Once registration is complete, you will be directed to the housing reservations page. Hotel reservation changes, date modifications, early check-out, or cancellations made prior to the registration and housing deadline must be done through the online reservation link you received when registering for the conference. Use your confirmation/acknowledgment number to access your reservation to make changes. Once the registration & housing deadline has passed, please contact the hotel directly with any changes or cancellations. Please note that any hotel cancellations after the housing deadline has passed may incur a financial penalty or a minimum one-night room charge or attrition fees.

#### Portola Hotel at Monterey Bay
Two Portola Plaza, Monterey, CA 93940
Hotel Rate (per night): $225 (plus taxes and fees)
Daily Self Parking: Discounted to $10 per day
Daily Valet Parking: $23 per day
Parking rates are subject to change without notice

**PLEASE NOTE:** The information you provide to the League when registering for a League conference or meeting may be shared with the conference or meeting host(s). The host(s) will also share with the League the information you provide to the host(s) when you make your hotel reservation for the conference or meeting. The information shared between the League and the host(s) will be limited to your first name, last name and dates/length of stay in the hotel.