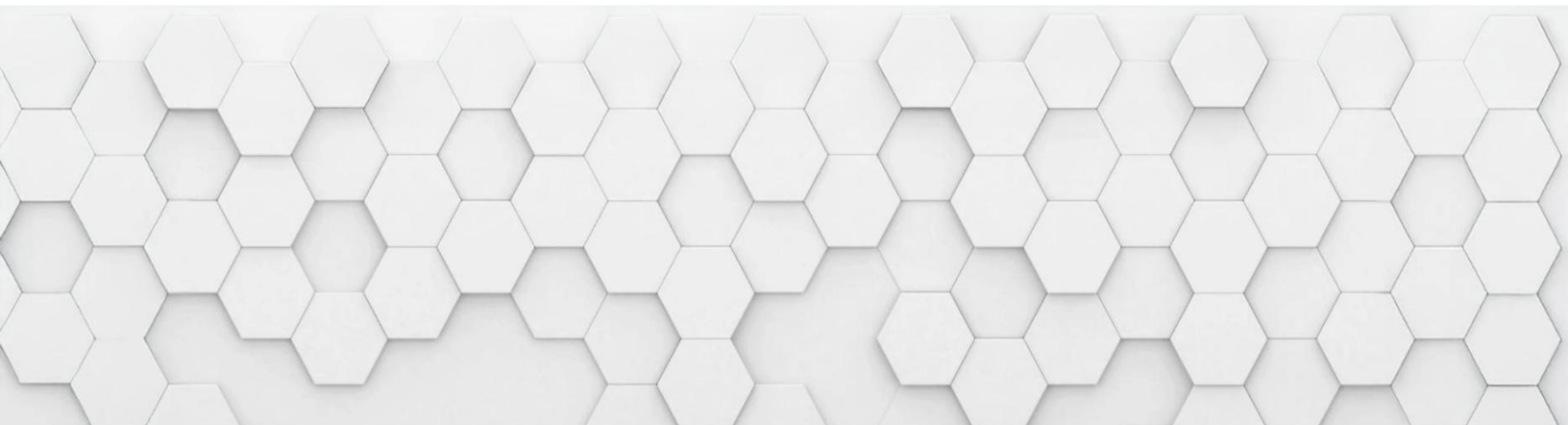


7th Infraday California April 23, 2025

**Hotel Indigo Los Angeles Downtown
899 Francisco St, Los Angeles, CA 90017**



Last Update – 4-7 (Subject to Change)

Speakers currently include:

- Aaron Chamberlin, Senior Transportation Engineer (Specialist), **Caltrans**
- Abel Enrique Martinez, Contract Specialist, Purchasing & Contracting Department, **City of San Diego**
- AJ Waters, Chief Evangelist, **Kahua**
- Amir Zavichi, Senior Construction Manager, Construction Division, **Port of Los Angeles**
- Andrew Quinn, Assistant Deputy Director, Roadway Pricing, **California Department of Transportation**
- Anthony Loui, Senior Transportation Planning Manager, **LA Metro**
- Arash Saidi, Power Engineering Manager of Distributed Resource Development & Programs, **Los Angeles Department of Water & Power**
- Cameron Gieda, Strategic Board Member - GoMentum Innovation Alliance, **Contra Costa Transportation Authority**
- Carin Rautenbach, Senior Vice President, PM/CM Sector Lead – Aviation, Infrastructure Services **AtkinsRéalis**
- Christian Lofton, Threat Intelligence Analyst, **City of Long Beach**
- Christine Antoine, Senior Policy Administrator, **Port of San Diego**
- Christy Hunt, Marketing Director, **Avicado Construction Technology Services, LLC**
- Don Day, Director, Project & Facilities Management Department, **San Bernardino County**
- Ed Shappell, Director Owner and Public Sector, **Trimble**
- Elizabeth Crosson, Chief Sustainability, Resiliency and Innovation Officer, **Metropolitan Water District of Southern California**
- Elizabeth Hellier, Lead Project Manager of Innovative Technology and Infrastructure Planning, **CALSTART**
- Eric Lopez, Public Works Director, **City of Long Beach**
- Eric Ritter, Energy Research and Development Division, **California Energy Commission**
- Erin Wimberly, Lead Project Manager of Community and Industry Relations, **CALSTART**
- Evan Johnson, Electrification Program Manager, **City of Pasadena**
- Gary Waters, Director of Transportation Engagement Team, **ESRI**
- Grant Sharp, Manager, South OC Watershed Management Area, **County of Orange**
- Jonathon Martin, Claims Director, Claims Office, **Los Angeles Department of Water & Power**
- Julie Owen, Senior Executive Officer, Project Management Oversight, **Los Angeles Metro**
- Julio Rodriguez, Senior Manager, Project Control, ZEB Infrastructure, **Los Angeles Metro**
- Keith Warren, Senior Executive - Transportation Owner Solutions, **Autodesk**
- Kevin Uy, Manager, Energy Supply Branch, **California Energy Commission**
- Konstantine Tonas, Partner, **HKA (PMWeb Global Partner)**
- Mark Counts, Chief, Office Surveying Systems, **Caltrans**
- Michael Gaunt, Digital Implementation Lead, North and South America, **Mott MacDonald**
- Michael Sherwood, Senior Business Manager - State and Local Government, **NVIDIA**
- Michelle Quinn, Executive Officer – Program Management, **LA Metro**
- Monica Benavides, Chief Deputy District Director, **California Department of Transportation, District 7**
- Monica Coria, Senior Manager, Railroad Services and Real Estate Services, **Metrolink**
- Murali Kadambala, Deputy Executive Officer, Enterprise Info. Mgmt., Information Technology Department, **LA Metro**
- Patrick Astredo, Executive Officer, Enterprise Information Management, **LA Metro**

- Paul McClaren, Senior Planner, **City of Camarillo**
- Rachelle Andrews, Senior Manager, Systemwide Design, **LA Metro**
- Rafael Guzman, Assistant City Manager/Chief Sustainability Officer, **City of Riverside**
- Richard Howard Wilson, Assistant General Manager – Water Systems, **Burbank Water and Power**
- Sam Sargent, Director, Strategy and Policy, **Caltrain**
- Sarah Lee, Senior Advisor, Wildfire & Public Safety, **Southern California Edison (SCE)**
- Steve Dowell, Infrastructure Advisory Leader - West US, **Mott MacDonald**
- Tara Tisopulos, Deputy Director of Sustainability, **County of Orange, OC Waste & Recycling**
- Yash Srivastava, Transportation Planner Systemwide Design, **LA Metro**
- Yvette Ford, Sr. Manager, Transportation Planning, Strategic Planning, **Los Angeles Metro**

Infraday California 2025 – Conference Agenda

Date: April 23, 2025

Location: Hotel Indigo Los Angeles Downtown

7:00 AM – 8:00 AM | Registration & Networking Breakfast

Kick off the day by connecting with **California’s top infrastructure leaders** over coffee and breakfast.

8:00 AM | Opening Remarks

A welcome address outlining **California’s infrastructure challenges and opportunities**, the conference themes, and key takeaways to watch for.

8:00 AM – 8:30 AM | Panel: AI & Infrastructure: Transforming California’s Built Environment

- How AI is revolutionizing infrastructure planning, design, and execution across transportation, energy, and water sectors.
- The role of AI in predictive maintenance, project efficiency, and sustainability.
- Challenges and opportunities in integrating AI-driven technologies into existing infrastructure.
- Insights into regulatory frameworks, funding initiatives, and private-sector partnerships shaping AI adoption.

Panelists:

Amir Zavichi, Senior Construction Manager, Construction Division, **Port of Los Angeles**

Cameron Gieda, Strategic Board Member - GoMentum Innovation Alliance, **Contra Costa Transportation Authority**

Christian Lofton, Threat Intelligence Analyst, **City of Long Beach**

Michael Gaunt, Digital Implementation Lead, North and South America, **Mott MacDonald**
Michael Sherwood, Senior Business Manager - State and Local Government, **NVIDIA**

8:30 AM – 9:00 AM | Panel: California’s Transportation Future: Expanding Transit, Reducing Congestion

- What’s next for public transit expansion? Updates on LA Metro, BART extensions, and high-speed rail.
- Tackling congestion through highway modernization, smart traffic management, and tolling strategies.
- The role of micromobility and emerging tech in shaping the future of urban transportation.
- Public vs. private investments – how collaboration can unlock better mobility solutions.

Panelists:

Andrew Quinn, Assistant Deputy Director, Roadway Pricing, **California Department of Transportation**
Julie Owen, Senior Executive Officer, Project Management Oversight, **Los Angeles Metro**
Monica Benavides, Chief Deputy District Director, **California Department of Transportation, District 7**
Sam Sargent, Director, Strategy and Policy, **Caltrain**
Yvette Ford, Sr. Manager, Transportation Planning, Strategic Planning, **Los Angeles Metro**

9:00 AM – 9:30 AM | Panel: Funding in the New Administration – Unlocking Public & Private Investments

- Updates to federal grant programs, including IIJA, and how agencies can align with evolving funding priorities.
- Navigating blended state and federal opportunities to unlock capital for critical infrastructure.
- The evolving role of Public-Private Partnerships (P3s) and alternative procurement strategies to drive innovation and efficiency.
- Exploring emerging financing models—green bonds, tax credits, congestion pricing—in today’s policy climate.
- Identifying common barriers to investment and actionable approaches for overcoming them.

Moderator:

Steve Dowell, Infrastructure Advisory Leader - West US, **Mott MacDonald**

Panelists:

Abel Enrique Martinez, Contract Specialist, Purchasing & Contracting Department, **City of San Diego**
Anthony Loui, Senior Transportation Planning Manager, **LA Metro**

9:30 AM – 9:50 AM | Presentation: Cultivating the Future: Advancing Climate-Smart Agriculture at the Northside Ag Innovation Center

The Northside Ag Innovation Center installation of approximately 50,000 square feet of solar photovoltaic greenhouses, 14,000 square feet of agrivoltaics, 14,000 square feet of a solar PV pole barn, a 30-plot community garden, outdoor farmer training facilities, 450 trees and more.

The Center will address the current challenges affecting our food systems, such as extreme weather, heat, and water availability as a result from climate change impacts. The project creates a much-needed facility to foster regional opportunities to proactively adapt to more climate-smart agriculture practices by demonstrating how controlled environment and high-tech agriculture can secure our food production systems.

The Northside Agriculture Innovation Center also will train the next generation of farmers to be better prepared for the challenges that lie ahead.

Presenter:

Rafael Guzman, Assistant City Manager/Chief Sustainability Officer, **City of Riverside**

9:50 AM – 10:20 AM | Connected Teams, Smarter Projects: How Collaboration Platforms Are Breaking Down Infrastructure Silos

California's infrastructure challenges don't stop at city or agency borders — and neither should the tools we use to solve them. As agencies, consultants, and contractors grapple with increasing complexity, collaboration is no longer a luxury — it's a necessity. This panel explores how digital tools and construction software are enabling more agile, transparent, and coordinated project delivery across jurisdictions, sectors, and disciplines.

We'll dive into the real-world impact of cloud platforms, digital workflows, and shared data environments that are helping break down silos — and we'll ask: Are our procurement and governance models ready to keep up?

Moderator:

AJ Waters, Chief Evangelist, **Kahua**

10:20 AM – 10:40 AM | Morning Networking Break

10:40 AM – 11:10 AM | Panel: Water Infrastructure: Ensuring Resilience Amidst Climate Challenges

- California's ongoing water crisis – what solutions are working?
- Investing in desalination, stormwater capture, and wastewater recycling.

- Infrastructure upgrades for aging water systems to prevent failures and contamination.
- Regulatory and funding challenges in securing long-term water resilience.

Panelists:

Elizabeth Crosson, Chief Sustainability, Resiliency and Innovation Officer, **Metropolitan Water District of Southern California**

Grant Sharp, Manager, South OC Watershed Management Area, **County of Orange**

Paul McClaren, Senior Planner, **City of Camarillo**

Richard Howard Wilson, Assistant General Manager – Water Systems, **Burbank Water and Power**

11:10 AM – 11:30 AM | Presentation: The Art of Possibilities: The Role of AI and Data in Infrastructure Decision-Making for Transit Agencies

The presentation will talk about the “art of possibilities” in the role of AI and Data in Infra decision making primarily for Transit agencies.

The presentation will showcase some examples on:

- How AI can assist in efficient asset management and how it can help predict infra wear and tear.
- How AI can play a crucial role in tracking crime and recommend safety, and security measures to ensure passenger safety.
- How AI can assist in demand planning of infrastructure taking into considerations like population growth, traffic flows, commuter trends and environmental factors.

Presenters:

Murali Kadambala, Deputy Executive Officer, Enterprise Info. Mgmt., Information Technology Department, **LA Metro**

Patrick Astredo, Executive Officer, Enterprise Information Management, **LA Metro**

11:30 AM – 12:00 AM | Panel: Resilient Infrastructure: Preparing for Wildfires, Earthquakes & Extreme Weather

- Lessons learned from recent disasters and infrastructure failures.
- Innovations in fire-resistant materials and earthquake-proof designs.
- Funding and regulatory challenges in enhancing resilience.
- Collaboration across state, local, and federal agencies for disaster response.

Panelists:

Jonathon Martin, Claims Director, Claims Office, **Los Angeles Department of Water & Power**

Sarah Lee, Senior Advisor, Wildfire & Public Safety, **Southern California Edison (SCE)**

12:00 PM – 12:20 PM | Presentation: Fleet Charging with Solar Microgrids

The California Energy Commission, through the EPIC research grant program, is currently funding five projects that are demonstrating the use of solar microgrids to support charging infrastructure for medium and heavy-duty electric trucks and buses. The projects are demonstrating multiple use cases including two public access truck stops, one distribution warehouse, one public transit authority, and one school bus depot. This presentation will describe the research goals of the projects and share some early findings for the benefit of policymakers and industry stakeholders.

Presenter:

Eric Ritter, Energy Research and Development Division, **California Energy Commission**

12:20 PM – 1:00 PM | Panel: Building California’s Digital Infrastructure: Advancing Interoperability & Innovation in Project Delivery

This session brings together experts from CALTRANS—Aaron Chamberlin and Mark Counts—who are spearheading the development of a digital geospatial ecosystem that centralizes, standardizes, and connects crucial digital data across divisions and programs. They will be joined by industry pioneers Keith Warren from Autodesk, Ed Shappell from Trimble, and Gary Waters from ESRI, all of whom are instrumental in advancing tools that drive interoperability and efficiency across the sector.

Moderated by Christy Hunt, the panel will explore how emerging tools and platforms—from the latest advancements in Civil3D 2024 and Trimble Business Center to innovative mapping solutions and augmented reality applications—are reshaping project delivery and asset management statewide. The discussion will focus on collaborative efforts to align with FHWA’s BIM4I initiatives, streamline data connectivity, and create a comprehensive digital catalog of Caltrans assets. Attendees will gain valuable insights into how these digital solutions enhance engagement, equity, innovation, integrity, safety, climate action, stewardship, and overall operational efficiency.

Audience Takeaways:

- Gain insights into how a digital geospatial ecosystem can centralize, standardize, and enhance data connectivity across infrastructure projects.
- Learn about the latest industry tools and innovations, including advancements in Civil3D 2024, Trimble Business Center, and augmented reality applications.
- Understand the strategic role of interoperability in streamlining project delivery and asset management statewide.
- Explore how collaborations between public agencies and industry leaders are driving digital transformation initiatives in California.
- Discover the impact of FHWA’s BIM4I initiatives on creating a cohesive and efficient digital infrastructure network.
- Identify opportunities for leveraging digital transformation to improve engagement, equity, safety, and operational efficiency in public works projects.

Moderator:

Christy Hunt, Marketing Director, **Avicado Construction Technology Services, LLC**

Panelists:

Aaron Chamberlin, Senior Transportation Engineer (Specialist), **Caltrans**

Ed Shappell, Director Owner and Public Sector, **Trimble**

Gary Waters, Director of Transportation Engagement Team, **ESRI**

Keith Warren, Senior Executive - Transportation Owner Solutions, **Autodesk**

Mark Counts, Chief, Office Surveying Systems, **Caltrans**

1:00 PM – 2:00 PM | Networking Lunch

Sponsored by:



Remarks by: Konstantine Tonas, Partner, **HKA (PMWeb Global Partner)**

2:00 PM – 2:30 PM | Presentation: California High-Speed Rail: The Road Ahead

- Progress updates and key milestones for the nation's most ambitious rail project.
 - Funding challenges and public perception – what's next for HSR?
 - Lessons from international high-speed rail networks that California can adopt.
 - Potential for private-sector investment in expanding the system.
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2:30 PM – 3:00 PM | Panel: The LA 2028 Olympics: Infrastructure, Mobility & Legacy

- Major transportation and infrastructure projects in the lead-up to the Games.
- How Los Angeles is preparing to handle the influx of visitors while ensuring long-term urban benefits.
- Funding, policy challenges, and lessons from past Olympic host cities.
- The role of technology, sustainability, and private-sector partnerships in delivering a world-class event.

Moderator:

Konstantine Tonas, Partner, **HKA (PMWeb Global Partner)**

Panelists:

Carin Rautenbach, Senior Vice President, PM/CM Sector Lead – Aviation, Infrastructure Services
AtkinsRéalis

3:00 PM – 3:20 PM | Presentation: Future-Ready Transit Infrastructure: LA Metro’s Innovative Station Design

LA Metro is transforming transit station public areas through its Systemwide Station Design Standards. The presentation will explore how high-performance materials, modular standardized design elements, and integrated design solutions enhance durability, efficiency, and cost-effectiveness. By leveraging a kit-of-parts approach, optimizing station layouts, and continually refining its design standards, Metro ensures adaptability, accessibility, and seamless urban integration. These innovations help ensure a resilient, future-ready transit network that improves safety and the rider experience.

Presenters:

Rachelle Andrews, Senior Manager, Systemwide Design, **LA Metro**
Yash Srivastava, Transportation Planner Systemwide Design, **LA Metro**

3:20 PM – 3:50 PM | Afternoon Networking Break

3:50 PM – 4:20 PM | Panel: Charging & Electrification: Scaling for the Next Decade

- Statewide EV charging rollout – where do we stand?
- Expanding fast-charging networks to meet rising demand.
- Grid readiness for mass EV adoption and the role of battery storage.
- Public-private partnerships in funding and deploying EV infrastructure.

Panelists:

Evan Johnson, Electrification Program Manager, **City of Pasadena**
Julio Rodriguez, Senior Manager, Project Control, ZEB Infrastructure, **Los Angeles Metro**
Michelle Quinn, Executive Officer – Program Management, **LA Metro**
Tara Tisopulos, Deputy Director of Sustainability, **County of Orange, OC Waste & Recycling**

4:20 PM – 4:40 PM | Presentation: Measure A in Motion: Planning, Politics, and Public Infrastructure in Long Beach

Infrastructure Investment Planning, Budgeting, Political Considerations, and Execution: Successes and Lessons Learned from Long Beach, CA’s Sales Tax Measure. The focus would be on the City’s Measure A Sales Tax Increase experience. Developing a strong plan and effectively communicating it to the public was key for both the original measure and the initiative asking voters to make it permanent. Revamping

and building up the organization and identifying private sector partners then became key to delivering on the public commitments made. Bonding against that revenue has helped multiply the impact and led to the largest infrastructure investment plan ever developed and executed in the City's history.

Presenter:

Eric Lopez, Public Works Director, **City of Long Beach**

4:20 PM – 4:50 PM | Panel: Port Infrastructure & Supply Chain Resilience

- Modernizing California's ports to handle increasing global trade demands.
- Supply chain disruptions: lessons learned from recent challenges.
- Sustainable port infrastructure: electrification, automation, and emissions reduction.
- Technology's role in port efficiency and logistics optimization.

Panelists:

Christine Antoine, Senior Policy Administrator, **Port of San Diego**

4:50 PM – 5:10 PM | Presentation: Tools for Future-Proofing California's Freight Charging Infrastructure Workforce

The deployment of medium and heavy-duty battery electric truck infrastructure presents a unique opportunity to amplify local economic benefits by guiding workforce training efforts in communities poised for job growth. This presentation will explore how the eTRUC research project team, made up of CALSTART, EPRI, and GRID Alternatives, anticipated charging infrastructure workforce needs for the future of freight vehicle charging through the ZEV training Hub and the Workforce Development Mapping Tools. By identifying job creation hotspots using modeled data, and overlaying this with current ZEV training programs, the tools aim to assist local workforce planners in anticipating future labor needs and preparing the next generation of workers with the necessary skills to support charging infrastructure deployment.

Presenters:

Elizabeth Hellier, Lead Project Manager of Innovative Technology and Infrastructure Planning, **CALSTART**
Erin Wimberly, Lead Project Manager of Community and Industry Relations, **CALSTART**

5:10 PM – 5:40 PM | Panel: Infrastructure Policy & Regulation: What's Next for California?

- Upcoming legislation and funding priorities.
 - Streamlining environmental permitting for faster project approvals.
 - Infrastructure priorities in the next gubernatorial administration.
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5:40 PM – 5:50 PM | Closing Remarks

Key takeaways and insights from the day's discussions.

6:00 PM – 7:30 PM | Networking Reception

Join speakers, panelists, and industry leaders for an **evening of high-impact networking**.