

Agenda

Presented by Todd Tucker, Andrew Sachs, Rick West, Jamie Ponce

Designing for Electric Vehicle Charging

- Emerging government EV readiness codes
- Assessing local demand curve
- Public charging demand and fleet demand
- Level 2 vs. Level 3 fast charge

Electrical Capacity READiNESS requirements as Part of New Garage Construction

- Certify with local utility availability of power capacity to meet future EV needs
- Evaluate alternatives to reduce power consumption
- Evaluate alternatives to generate power
- Take fleets into design consideration

Planning for Micro Mobility Options

- Local readiness requirements for new construction
- Consider scale and pedestrian / micro mobility access and needs
- Rental fees, charging fees, public vs. private
- Case study Argonne Lab Chicago scooters pilot

Solar as a Source of Energy

- Income potential
- Mega watt potential
- Battery storage
- Energy reduction measures tied to new construction opportunities

Planning for an Autonomous Driving Future

- Digitizing the garage interior for autonomous driving in the garage
 - Internet connectivity, AI cameras, etc.



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New Developments in Parking Structure Design, Construction and Operation

Live, Interactive Webinar - Thursday, December 5, 2024

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Learning Objectives

You'll be able to:

Comply with government electric vehicle (EV) charging readiness codes.

Distinguish between Level 2 and Level 3 fast charging.

Meet electrical capacity READiNESS requirements as part of new parking garage construction.

Plan to include micro mobility options and meet pedestrian needs.

Consider adding solar photovoltaic energy systems to parking structures to provide income.

Plan for an autonomous driving future.



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New Developments in Parking Structure Design, Construction and Operation

Live, Interactive Webinar - Thursday, December 5, 2024



Explore emerging government electric vehicle (EV) readiness codes

Evaluate alternatives to reduce power consumption and alternatives to generative power

Learn how to plan for micro mobility options, including local readiness requirements for new parking structure construction

Review an actual case study of the Argonne Lab Chicago scooters pilot

Consider adding solar photovoltaic energy systems for their income potential

Plan for an autonomous driving future

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Webinar Information

Online - Thursday, December 5, 2024

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Morning Session 9:00 am - 12:15 pm CST	Afternoon Session 12:45 - 4:00 pm CST

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Faculty

Todd Tucker, JD, DBA, CPP, CAPP
Parking Logix, a wholly owned subsidiary of Logix ITS
Mr. Tucker is a seasoned professional with over 30 years of profound experience in transportation, parking, and mobility. His journey began with managing a Miami parking garage in the mid-90s, leading to an illustrious career in senior national leadership positions within major parking enterprises for a span of two decades. Mr. Tucker’s expertise encompasses operations, sales, legal matters, and strategic development, forming a comprehensive understanding of parking asset management. Notably, his trajectory includes nearly eight years at a major parking technology company, Flash Parking. His roles as national vice president of sales, general counsel, senior vice president of market development, and senior vice president of strategic sales showcase his versatility and significant contributions across various facets of the industry. Today, he resides in South Florida with his family and serves as the global president of Parking Logix, a world leader in real-time modular parking occupancy detection solutions. Mr. Tucker’s academic achievements include a juris doctor degree (J.D.) and a doctor of business administration degree (D.B.A.), bolstered by certifications like certified protection professional (CPP) and certified administrator of public parking (CAPP). These accomplishments underscore his dedication to upholding excellence and industry standards. His passion for creating seamless, efficient, and secure parking experiences has garnered him respect and admiration among peers. Mr. Tucker’s strategic vision continues to shape the trajectory of the parking sector, making him an esteemed veteran and thought leader in the field.

Andrew Sachs, CAPP
Owner of Harbor Park Garage, a 1300-space garage in Baltimore’s Inner Harbor, Founder of Gateway Parking Services
Mr. Sachs is a successful entrepreneur, commercial real estate professional, and venture capital investor with a unique background in the parking industry and digital media. He is an SEO expert with a proven record of connecting online audiences to real-world interactions. Mr. Sachs designs PARCS systems for customers and provides business consulting services, marketing support, and guidance on best parking practices. He is also a venture partner at NextGen Venture Partners. Mr. Sachs is on the board of directors for the Middle Atlantic Parking Association. He is also a member of the National Parking Association Parking Consultants Council, for which he is the editor and a contributor to *Dimensions of Parking 6th Edition*, scheduled to be published in early 2025. Mr. Sachs is a current member of the International Parking & Mobility Institute’s Technology Committee and a former member of the Education Committee.

Rick West
Managing Partner, West FSI, LLC
Mr. West has participated in the parking industry as a founder, co-owner, c-suite executive and board member in over \$2 billion in U.S. parking investments. His major focus areas include advising investors and investment committees on the pace and direction of changes in urban mobility; CEO of the Millennium Garages Concession in Chicago; owner of five urban garages; and innovator in alternative uses of parking garages.

Jamie Ponce
Executive Director – Civic Infrastructure Collaborative
Civic Infrastructure Collaborative is a 501(c)3 nonprofit organization that drives public and private value from core urban infrastructure. Mr. Ponce previously served as Chief Strategy and Innovation and Officer at Millennium Garages, a public-private partnership spanning 3.8 million square feet in the heart of downtown Chicago. With more than 9,000 parking spaces and 100 electric vehicle charging ports, Millennium Garages is the largest underground downtown parking system in North America and the largest public electric vehicle charging hub in the US Midwest. He brings to this work deep experience in energy, transportation, climate, and economic development, including management and policy leadership roles with City Tech, the Environmental Law & Policy Center, C40 Cities Climate Leadership Group and the City of Chicago, and management consulting firm A.T. Kearney. Mr. Ponce holds a bachelor’s degree from Indiana University, a Master in Public Administration from the Harvard Kennedy School, and an MBA degree from Harvard Business School.

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