



Agenda and Program Descriptions

7:00 - 7:40 a.m. Registration and Networking Breakfast

7:40 - 8:40 a.m. Industry Insights: Key Trends for Construction



The Conference opens with highlights from Dodge Data & Analytics' highly-regarded SmartMarket Reports. A look at technology, sustainability, risk and safety; plus strategic studies on integrated project delivery methods, lean construction, managing uncertainty and performance expectations. These studies help you stay connected with the trends impacting the AEC industry.

Stephen Jones (*Dodge Data & Analytics*)

9 - 10 a.m. (M1) Off the Grid: Achieving Net-Zero Energy

Commissioning has become an essential tool for achieving intended performance in any new building. When expectations are raised to net-zero, the commissioning process takes on added importance, yet must address special challenges. See how three very different facilities achieved zero-energy building status from the commissioning perspective; the unique features and situations, challenges, successes and lessons learned along the way.

Jarrell Wenger (*Engineering Economics, Inc.*)

9 - 10 a.m. (M2) Solutions to Survive the Workforce Shortage

As the industry faces a workforce shortage, recruitment and retention of qualified employees - especially skilled labor - remains a top priority. How is the shortage impacting projects? What can and should be done, by contractors and owners, to help solve the shortage? A labor market expert will outline the current and future effects of the shortage and steps you can take to lessen the risk.

J. Adam Young (*Construction Labor Market Analyzer*)

9 - 10 a.m. (M3) Amplifying Construction Safety Management with Mobile Apps

Safety management on construction projects has evolved in parallel with the evolution of mobile technology. Explore the pros and cons of preferred platforms, hardware options, mobile data management, paid versus free apps and Bring Your Own Device policies. Learn the best practices that leading contractors employ in their mobile safety management programs on the jobsite and at the office and how you can draft a plan to fit your company's objectives.

Rob McKinney (*JBKnowledge*)

10:20 - 11:20 a.m. (M4) Safety First! Prevention through Design

Fewer worker injuries and fatalities. That's the goal of Prevention through Design (PtD). This program will outline the PtD concept, the ethical and sustainability-related reasons for PtD, common examples and the tools and processes that enable PtD. You'll leave with ideas for implementing PtD in your organization and improving jobsite safety in central Ohio.

T. Michael Toole (*Bucknell University*)

10:20 - 11:20 a.m. (M5) Pay to Play: The FBI's Role in Public Corruption Investigations

A pay to play culture of corruption in the public procurement process beset the City of Detroit, impacting many in construction. The FBI's public corruption squad in Columbus will discuss their role in investigating and fighting corruption, and how the industry can aid in their efforts.

Jeff Williams (*Federal Bureau of Investigation*)

10:20 - 11:20 a.m. (M6) Faster, Better, Cheaper...and More Sustainable

There's a paradigm shift in the MEP engineering world - AEA Integration. Learn how this new technology fully automates the design of all MEP systems and optimizes the design for minimum construction cost and maximum value. The principal designer of the software will walk you through a live demonstration showing how more accurate drawings leads to better designs, fewer problems and fewer delays.

Gregory R. Schnackel (*Schnackel Engineers*)

11:40 a.m. - 12:40 p.m. Apps for Construction - Where Mobile Fits In

Dependency on mobile devices in the construction industry continues to grow. How can builders evolve their work flow to match the most innovative hardware, software and strategies becoming available? Explore mobile solutions and strategies available for plan management, daily reporting, progress photos, time entry, safety documentation and more. This presentation covers the best of what's available, and how to make it work with your company's current processes, budget and technology.



Rob McKinney (*JBKnowledge*)

1 - 2 p.m. (A1) #SmartColumbus = Smart Construction

A safer, more mobile and sustainable city is the goal of #SmartColumbus, the vision that earned \$50-million in Smart City Challenge grants. As innovative technologies are integrated in the local transportation system, development, building and infrastructure planning, design and construction will start to change. Learn about the city's vision and opportunities for you to be involved.

Facilitator: **Don Leach** (*Dinsmore & Shohl, LLP*)

Panelists to include representatives from City of Columbus, Clean Fuels Ohio and more.

1 - 2 p.m. (A2) A WELLness Program for Built Environments

The WELL Building Standard is a performance-focused system for measuring, certifying, and monitoring features of the built environment that impact human health and wellbeing. Explore how this rating system attempts to measure these qualities, the structure behind the rating system and why it was created. Then, take an in-depth look at a project currently pursuing WELL Certification. Learn why the project chose this certification, some of the challenges they've faced and how WELL has impacted the design process.

Jacqueline Langhals (*Focus on Green LLC*)
Lori Bongiorno and Johnna Keller (*M+A Architects*)

1 - 2 p.m. (A3) The New Virtual PlanRoom: Manage Docs & Collaborate

From the bid phase through project completion, Dodge PlanRoom provides a single, secure location for contractors and subcontractors to share and manage construction documentation without ever leaving your desk. Learn how to search and view projects, ensure you're working with the latest project information and bring others into your PlanRoom for easy project collaboration across the entire team.

Doug Bower and Cliff Brewis (*Dodge Data & Analytics*)

2:30 - 4 p.m. Now Trending: Local Industry Conversations

To wrap up the day, Conference participants join local owners and design professionals at small roundtables to discuss current trends, and their expectations for the industry.

Facilitator: **Todd Alexander** (*Continental Building Co.*)

Discussion Leaders from:

Bowling Green State University
Braun & Steidl Architects
Cardinal Health, Inc.
Casto Construction Services LLC
City of Bexley
Columbus Zoo
Denison University
Kenyon College
Mount Carmel Health Systems
Nationwide Children's Hospital
Nationwide Realty Investors
NBBJ
Ohio Facilities Construction Commission
The Ohio State University
OhioHealth
Otterbein College
The Pizzuti Companies
Prime AE Group, Inc
VanTrust Real Estate, LLC

And More!

4 - 5 p.m. Networking Reception

A vital part of any conference is networking. When the sessions conclude, stay for the reception to meet and greet other industry professionals, continue conversations and make new business contacts.



Welcome and Networking Reception Sponsor

Continuing Education Credits

For each session* the following credits are pending approval:

- 1 hour from GBCI
- 1 learning unit from AIA
- 1 unit from OCILB
- 1 professional development hour for PE license holders

*1.5 hours for the Closing Session

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