Design-Build Conference & Expo 2020

ONLINE

SHOW GUIDE

OCTOBER 28-30, 2020
VIRTUAL CONFERENCE | #DBIACON
YOUR WINDOW TO PROJECT CERTAINTY

Our integrated software solutions maximize project visibility and give you greater control, even when you can’t be there. See the difference.

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We Have So Much to Do

It feels like we’ve all been “building the bridge as we walk on it” for months. Through it all, there have been lessons learned which can inform our future. Now’s the time to bring together our diverse experiences so we can do what design-builders do best — collaborate and innovate to help define what comes next. Whether it’s continuing our vital work during the ongoing pandemic or finding new opportunities to help fuel an economic recovery, we know design-build will be at the heart of both efforts. That’s why DBIA has planned the most extensive design-build education program in our history for the 2020 Design-Build Conference & Expo. There is so much to do! With seven tracks of sessions, including targeted tracks for Water/Wastewater, Transportation and Virtual Design and Construction, this event offers the most design-build education and training ever offered at one event. These difficult times demand it.

As a diverse group of event chairs, we have collaborated over many weeks with DBIA leadership to help rebuild the 2020 Conference & Expo from scratch to ensure this event hits all the timely and critical issues for design-build teams working in this new COVID-19 world. There are so many stories to share and lessons-learned for design-build teams who are blazing new trails and innovating project solutions each and every day. DBIA is committed to help industry and Owners prepare for an uncertain future by providing the nation’s only Design-Build Done Right® tools and resources plus real-world solutions to today’s challenges.

Whether this is your first DBIA conference, or your 20th, we hope you’ll take some time to look through this show guide for a summary of the many sessions on tap. Our programing provides the nation’s only Design-Build Done Right™ education, including focused training for our Water/Wastewater and Transportation attendees who missed our spring specialty events.

2020 Design-Build Conference & Expo Co-Chairs
Dana Pomeroy, AIA, LEED AP, DBIA
Whiting-Turner Contracting Company
Maricela Cordova Garcia, DBIA
Montgomery County (MD) DOT

Transportation/Aviation Markets Committee Co-Chairs
Jim Avitabile, P.E., DBIA
RS&H
Geoffrey Neumayr, SE, P.E.
San Francisco International Airport

Water/Wastewater Markets Committee Co-Chairs
John A. Giachino, DBIA
PC Construction (Retired)
Joanne Flick, CPPO, CPPB
City of Daytona Beach

BIM Forum President
Jan Reinhardt, Ph.D.
ADEPT Project Delivery, LLC
Recognizing the Best in Our Industry

2020 Brunelleschi Lifetime Achievement Award

Presented at the Design-Build Project/Team Awards Celebration
Thursday, October 29 at 7:00pm.

Join us in congratulating G. William Quatman, FAIA, FDBIA, as the recipient of DBIA’s 2020 Brunelleschi Lifetime Achievement Award. Bill is a Senior Vice President and General Counsel at Burns & McDonnell. Bill’s industry leadership and tireless advocacy for design-build over decades is impressive and we are proud to honor him with the highest individual honor DBIA bestows.

2020 Designated Design-Build Professional™ Fellows

At the awards celebration we’ll also honor this year’s class of DBIA Fellows. Fellow status recognizes the achievements of our most accomplished Designated Design-Build Professionals™. Elevation to Fellow status celebrates individual career achievements and promotes DBIA principles through the DBIA College of Fellows.

Mark E. Alpert, FDBIA
President, Integrated Delivery Solutions

Mark Shambaugh, FDBIA, P.E.
CEO (retired), Chairman Emeritus, Shambaugh & Son, LP

Jeffrey L. Gagne, FDBIA, P.E.
Vice President/Delivery Office/Project Director, HNTB Corporation

Philip J. Sheridan, FDBIA, P.E.
Senior Vice President, Clark Construction Group, LLC

Martin Robert Hedlund, FDBIA, P.E., CPC, LEED AP
Vice President, Building Group Design-Build Leader, Sundt Construction, Inc.
2020 Distinguished Leadership Awards

Presented at the general session Friday, October 30 at 10:00am.

INDUSTRY PROFESSIONAL
Gordon Cable, DBIA
National Design-Build Manager, Ferguson Waterworks

INDUSTRY PROFESSIONAL
Mike Gonzalez, DBIA, LEED AP
Vice President, McCarthy Building Companies, Inc.

STUDENT
Valentino Nunez
Student Chapter President, Arizona State University

OWNER
William Pines
Chief Engineer, Maryland Transportation Authority

2020 Program Planning Committee

Co-Chairs

Dana Pomeroy
Whiting-Turner

Maricela Cordova
Montgomery County (MD) DOT

Mary Anderson
Schnabel

Marcella Ayala
Bernards

Rachel Butcher
Whiting-Turner

Evan Caplicki
Nossaman

Andrew Carlson
Army National Guard

Leah Esper
DBIA Mid-Atlantic Region

Rich Formella
Design-Build Strategic Solutions

Steve Grauer
Hensel Phelps

Gary Hart
Hampton Roads Sanitation District

Jim Hawk
Rosendin Electric

Randy Landers
Speed Fab-Crete

Bob McIntyre
Stone Hill Contracting
Join DBIA for . . .

Not Your Average Comedy Hour

CLOSING EVENT FOR THE FEDERAL DESIGN-BUILD SYMPOSIUM
KICK-OFF EVENT FOR THE 2020 DESIGN-BUILD CONFERENCE & EXPO

TUESDAY, OCTOBER 27TH
5:30–7:00pm EST

The content planned for the show is PG–PG13. It is intended to be a corporate friendly show and we encourage you to invite others to enjoy it with you.

Comedy has a way of opening doors to complex issues and encourages us to share, break down social barriers, and build bridges across different and diverse communities.

Design-build cannot succeed without working together. Design-builders live this creed every day. We are obligated, as DBIA members committed to inclusiveness, to practice what we preach, to remain vigilant, and demonstrate these core values in everything we do. We know the design and construction industry, as well as our nation, has significant work to do in creating a truly inclusive world. DBIA remains committed to that charge and believes that injecting some humor into this very serious conversation can help us see that we are more alike than different.

So, let's laugh together as a first step to better understanding each other and the complex issues around us in today's society. Join DBIA and a highly diverse group of nationally renowned comics that will help us see that we are more alike than different.

— Alonzo Bodden has been making audiences around the country laugh for more than 20 years. He's made appearances on ABC's Dr. Ken and Fresh Off the Boat, Dr. Phil, The Tonight Show with Jay Leno, Late Night with Conan O'Brien, Comedy Central's The Daily Show, and Californication.

— Monique Marvez has a unique use of on-point humor and her take-no-prisoners honesty coupled with an unflagging positivity are keeping her in high demand! This versatile performer has three SHOWTIME specials: The Latin Divas of Comedy, Snoop Dogg Presents the Bad Girls of Comedy and her own one-hour SHOWTIME special, Not Skinny Not Blonde.

— Brian Kiley is currently the head monologue writer for Conan O'Brien. He's been nominated for 16 Emmy Awards (winning in 2007). Brian has appeared six times on David Letterman, 11 times on Late Night with Conan and four times on the Tonight Show.

— Atheer Yacoub is a New York based comedian and writer, whose comedy is inspired by her Palestinian-Muslim upbringing in Alabama. Atheer recently released a half-hour special for Comedy Central Arabia and has been on AXSTV's Gotham Comedy Live.

— Francisco Ramos is one of the up and coming comics rising fast in the industry. He is currently on Netflix hit show "Gentefied." He also shot a standup special "Entre Nos" for HBO.

And more! Click here for the full line-up.
2020 Design-Build Project/Team Awards Celebration

THURSDAY, OCTOBER 29

Pre-Awards
6:30pm
DBIA’s live mixologist helps you wind down after a busy day of design-build with recipes for fall libations — with and without alcohol.

Design-Build Project/Team Awards Celebration
7:00pm
Meet the nation’s best design-build projects and teams including this year’s Project of the Year.

The Design-Build Institute of America is proud to announce its winners in the national 2020 Design-Build Project/Team Awards competition. We received among the largest number of entries in many years and the diversity of projects was impressive. Jurors found that across all sectors and project types, there is a growing amount of design-build innovation redefining project success far beyond just schedule and budget.

Merit Award winners are competing for a National Award of Excellence, “Best of” categories and the Project of the Year to be announced at Thursday’s ceremony. Join us! (2 CEUs)

Sponsored by:

IT’S NOT TOO SOON TO ENTER YOUR 2021 PROJECT

DBIA provides the design-build industry a unique opportunity to showcase your successful design-build projects in the National Design-Build Projects Database. Add your project details and photos to show off your good work and share insights into the successes driving the design-build movement nationwide.

DBIA’s project database allows teams to get a head-start on next year’s awards entry while also garnering national attention to your project, year-round. The process is easy and begins by entering your project into the DBIA projects database at projects.dbia.org.
Design Excellence.

1,600+ architects, engineers, constructors and administrative professionals. 20 offices across the US, Latin America and Asia. Over $1B annually in commercial and industrial markets for both private and public sector clients.

Headquartered in Jacksonville, FL since 1965.

CREATING THINGS THAT MATTER
Featured Sessions

WEDNESDAY, OCTOBER 28
OPENING KEYNOTE
John Foley — Former Blue Angel Lead Solo Pilot

1:15pm–2:15pm
John spent his early career as a lead solo pilot in the U.S. Navy's Blue Angels, where he learned to perform consistently as part of a close-knit team in high-stakes environments. Now he shares an inside look at the group's methods to equip you for the journey to continual improvement. He is also the founder & CEO of John Foley Inc. and CenterPoint Companies, which provides training on the How of High Performance. With a message that emphasizes commitment, discipline and trust, John provides concrete tools for identifying and closing performance gaps. He captivates audiences with his contagious enthusiasm and ability to translate complex challenges into simple terms, motivating audiences to push beyond what they think is possible. (1 CEU)

Sponsored by: Autodesk Construction Cloud

THURSDAY, OCTOBER 29
GENERAL SESSION
Lessons Learned on a GSA Project

10:00am–11:00am
How many times have you come to an end of a project and thought, “if I could do this all over again, I'd change a few things?” GSA did not just think it, they acted and conducted a post-mortem on a 1970s era, 16-story federal building modernization that took place from 2009–2014 using American Recovery and Reinvestment Act funding. Hear critical lessons learned on this project and what the Owner and team would do differently if they could do it all over again. (1 CEU)

Sponsored by: McDean

FRIDAY, OCTOBER 30
GENERAL SESSION
Brock Long

10:00am–11:00am
From hurricanes Harvey, Irma and Marie to the California wildfires in 2017, Brock Long has helped communities navigate through a string of devastating natural disasters. As a former Director of FEMA, Brock says that one thing that remains true, regardless of the situation on the ground, is that having a plan engaging both the public and private sector goes a long way in helping the community recover more quickly. (1 CEU)

Sponsored by: ESRI

CLOSING KEYNOTE
The Design Community and Design-Build: Perspectives, Insights and Opportunities

Holly Briggs, Interior Architects
Roshan Corsiglia, Ph.D., Google, LLC
Kevin Hydes, P.E., Peng, CEng, LEED Fellow, Integral
Robert Jernigan, FAIA, LEED AP, Gensler
Matthew Kreilich, FAIA, LEED AP, Snow Kreilich Architects
Virginia A. McAllister, RA, LEED AP, NCARB, DBIA, Iron Horse Architects
Dana Pomeroy, AIA, DBIA, LEED AP, The Whiting-Turner Contracting Company

2:00pm–3:00pm
Design excellence reflects the practice of good judgment throughout project procurement, development and execution, as well as sound decision making within the limitations imposed by logistics, constructability, budget, scope and schedule. Although design-build is well-suited to deliver on amazing design in every way, it is no secret that some from the design community feel the business model can pose obstacles, while others have experienced unparalleled success elevating design in design-build. (1 CEU)
Conference Tools

DBIA Mobile App

Don’t risk being out of touch at the 2020 Design-Build Conference & Expo! The DBIA Conferences mobile app lets you:

— Search exhibitors, sessions and speakers
— Give us your feedback — rate the sessions and speakers
— Create a personal schedule
— View the exhibit hall and hotel floor plans
— Learn about any schedule changes
— Network with other industry peers

To download the mobile app, visit the Google Play or Apple Store, search for “DBIA Conferences” and download the app. If you have downloaded the DBIA Conferences app in the past, tap the events tab at the bottom and select the 2020 Design-Build Conference & Expo.

The 2020 mobile app is sponsored by:

SESSION EVALUATIONS

Your feedback guides our choices for speakers, topics and more. Take a moment after each session to rate the event through the DBIA mobile app. Within each session there is a “Rate” icon that will link you directly to the survey.

Session Recordings

Did you miss a session? No problem! Full conference attendees receive free online access to the 2020 Design-Build Conference & Expo proceedings. Just use your conference login for the next year to access:

— Full Recordings of All Sessions (50+ CEUs)
— 24/7 Convenience

Design-Build Mentoring Done Right

DBIA is excited to roll out a revamped Mentoring Program for new industry members and students. Our program is designed to cultivate time-honored, meaningful mentorship opportunities for members of DBIA — both Owners and industry practitioners. Through engagement with experienced DBIA certified professionals, the mentoring relationship will provide valuable support and guidance to mentees as they navigate their careers, explore new career paths and consider unique design-build opportunities in various career fields, market sectors and/or regions.

DBIA’s College of Fellows will outline the program at the Student Mixer & Career Expo on Wednesday at 12:15pm. Come learn how to become a DBIA mentor or mentee.
The Black & Veatch + Gensler Joint Venture (BV+G) is a part of the McCarthy HITT design-build team and the designer of record for the Next NGA West (N2W) project in St. Louis, MO.

Providing resilient solutions to our nation's mission-critical facilities, infrastructure and programs worldwide.

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All Work and No Play? No Way!

Sure, we’ve got more than 50+ design-build sessions planned for you, which means more CEUs and targeted education than ever before at a Design-Build Conference & Expo, but even that’s not enough!

It’s been a tough year and you deserve some fun. Here’s a glimpse of some of the extra activities we have planned for our October 28–30th event.

**Need a Break?**

Take a few minutes to relax and enjoy some music with us. DBIA’s DJ Gumby will play some old and new hits from a wide selection of tap-your-toes, put on your boogie-shoes or sing-along favorites. DJ Gumby will appear in three sessions with completely different playlists, so plan on joining us!

**Welcome Reception**

Join us as we present a night-filled of fun and comedy with a professional comedy troupe that’s created laughter for thousands of people across the world. See page 6 for more details and the full line-up.

**Stretch to the Stars & The Mind/Body Performance Connection**

International mindfulness trainer, Lee Papa, talks about the importance of integrating all aspects of our wellness — mind and body. Spend a few minutes with Lee and Stretch to the Stars to maximize your wellbeing. Feeling stressed? Work it out with Brent Darnell, who’s been teaching wellness to the AEC Industry since 2000.

**Laugh, Show Off Your Creative Side + Win Prizes Too!**

**THE VERY INTERESTING GAME**

We know, as design-builders, you’re creative and innovative. But are you interesting? Join us for a three-day game tournament led by Deedre Daniel, best known for her “How to be More Interesting Than a Cell Phone®” events. We guarantee you’ll laugh, do some outside-the-box-thinking and enjoy these fun networking breaks. Winners from each game will be invited to compete in our live championship on Friday.

Sponsored by:

**Welcome Reception**

Join us as we present a night-filled of fun and comedy with a professional comedy troupe that’s created laughter for thousands of people across the world. See page 6 for more details and the full line-up.

**Awards Reception Mixologist**

DBIA is excited to celebrate our 2020 Design-Build Project/Team Award winners. We’ll kick off the night with some custom cocktails to celebrate the season.

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STV

100 years of innovation in design and construction.

Sponsored by: **Zurich**

Zurich

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Sponsored by: **Black & Veatch**

Black & Veatch

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Sponsored by: **BrightView**

BrightView

Improving the environment.

Sponsored by: **FieldWire**

FieldWire

The largest design-build platform.

Sponsored by: **Mortenson**

Mortenson

Creating a better world.

Sponsored by: **PCL Construction**

PCL Construction

Building your world.

Sponsored by: **Whiting-Turner**

Whiting-Turner

Creating a better world.
Sponsors

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M.C. Dean

Rosendin

Whiting-Turner

Silver

Autodesk Construction Cloud

Clark Construction

FreeAxez

Hensel Phelps

McCarthy

Shockey

Turner

Bronze

Black & Veatch

BrightView

Dewberry

Fieldwire

HNTB

Howard S. Wright

INEIGHT

KCI

Mortenson

PCL Construction

RK&K

Stone Hill Contracting

STV

Zurich
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2020 Design-Build Conference & Expo Program

Targeted and Timely Design-Build Education

More than ever, it’s essential that our nation’s design-build teams have all the tools and resources available to deliver project success for our nation. The 2020 Design-Build Conference & Expo provides seven tracks of education designed to tackle today’s challenges with real-world solutions.

**TRACK 1**
TEAMING & COLLABORATION TECHNIQUES FOR OPTIMAL OUTCOMES
These sessions provide real-world tools to help build strong collaborative teams by establishing trust, defining goals and creating open communication lines to effectively manage responsibilities and risk.

**TRACK 2**
EFFECTIVE EXECUTION OF DESIGN-BUILD PROJECT DELIVERY
Among design-build's many strengths is its flexibility, allowing teams to deliver projects in many diverse ways. See how some of the nation's most successful projects got it done.

**TRACK 3**
THE NEW NORMAL — HOW COVID-19 HAS CHANGED THE INDUSTRY ENGAGEMENT
From safety to supply chain, the challenges we've faced have been enormous. What does the future hold for design-builders? These engagement sessions allow us to learn from each other.

**TRACK 4**
DESIGN-BUILD BASICS, TOOLS AND RESOURCES FOR SUCCESS
One size does not fit all. These sessions focus on the tools needed in every successful design-builders’ toolbox.

**TRACK 5**
TECHNOLOGICAL INNOVATIONS FOR PROCESS INTEGRATION
Technology is more important to project success than ever before. Are you innovating and tapping into the many tools available to turbocharge your team's collaboration and success?

**TRACK 6**
WATER/WASTEWATER SECTOR: DELIVERING DESIGN-BUILD SUCCESS
The WWW sector is maximizing collaboration, optimizing their supply chain engagement and delivering design-build success. Learn how in session targeted specifically for WWW design-builders.

**TRACK 7**
TRANSPORTATION SECTOR: A CLOSER LOOK
Design-build continues to blaze trails in the Transportation sector. Using ATCs, P3s, a state DOT Panel discussion and case studies are among the Transportation track sessions.

All times are in EST.

**TUESDAY, OCTOBER 27**

2020 Federal Design-Build Symposium
Design-build is playing a critical role in the federal sector’s pandemic response and will be vital to our nation's post-COVID-19 recovery. Even though we can’t meet in-person, DBIA’s Virtual 2020 Federal Design-Build Symposium will provide the nation's only Design-Build Done Right® education and resources targeted to federal Owners and project teams. Join us at this important virtual symposium to learn and network with the design-builders fueling our nation’s recovery.

Separate Registration Required — Pre-Conference Event

5:15PM–7:00PM
Networking/Welcome Reception
Joint event for Federal Symposium and Design-Build Conference & Expo attendees
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speakers/Details</th>
</tr>
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<tbody>
<tr>
<td>12:00PM–12:15PM</td>
<td>Coffee Break: “Boo”-tastic Game</td>
<td>Sponsored by: Mortenson</td>
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<tr>
<td>12:15PM–1:15PM</td>
<td>Mentorship: the Key to Developing a Successful Career Student Mixer/Career Expo</td>
<td>Michael Meredith, FDBIA, LEED AP, Capital Outlay Program Manager, California Dept. of General Services; William Reifsteck, FDBIA, CRIS, Webcor Builders; Donald Warren, FDBIA, McCrory Construction Company, LLC</td>
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<td></td>
<td>The pandemic has posed unprecedented challenges for current students and recent graduates searching for AEC jobs and internships. This session is designed to help students leverage what they’ve learned through their formal education to open the doors for future employment. DBIA’s College of Fellows are the nation’s leading design-build professionals, with decades of experience in a broad cross-section of disciplines and organizations. The Fellows’ Mentoring Committee will lead this session to help college and university students navigate the COVID-19 job market and prepare for future success.</td>
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<tr>
<td>12:15PM–1:15PM</td>
<td>Owners’ Forum</td>
<td>Touted by Owners as a highly valuable education and networking experience, the Owners Only Forum allows open, honest discussion and provides professionals the opportunity to share views, answer questions and find solutions to project delivery challenges. Industry professionals, including consultants, are not permitted in this session. Owners only.</td>
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<td>1:15PM–2:15PM</td>
<td>Opening Keynote: John Foley — Former Blue Angel Lead Solo Pilot</td>
<td>John Foley, Former Blue Angel Lead Solo Pilot</td>
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<td>John spent his early career as a lead solo pilot in the U.S. Navy’s Blue Angels, where he learned to perform consistently as part of a close-knit team in high-stakes environments. Now he shares an inside look at the group’s methods to equip you for the journey to continual improvement. He is also the founder &amp; CEO of John Foley Inc. and CenterPoint Companies, which provides training on the How of High Performance. With a message that emphasizes commitment, discipline and trust, John provides concrete tools for identifying and closing performance gaps. He captivates audiences with his contagious enthusiasm and ability to translate complex challenges into simple terms, motivating audiences to push beyond what they think is possible.</td>
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<td>2:30PM–3:30PM</td>
<td>Concurrent Education TRACK 1: Teaming &amp; Collaboration Techniques for Optimal Outcomes</td>
<td>Sponsored by: M.C. Dean, Inc.</td>
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<td>Design Building the Dream Team</td>
<td>Hans Allen, Pro-Air; Kevin Cahill, PE, CPD, LEED AP, Interface Engineering; Scott Conn, Freestate Electric; Jennifer Macks, DBIA, PE, LEED AP, Gilbane Building Company; Seve Padilla, Falls Church City Public Schools; Arash Raznahan, HS Solutions</td>
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<td>What makes for a design-build dream team? Early integration of key trades. Our team enhanced project delivery at the new George Mason High School by engaging mechanical, electrical, low voltage and millwork/casework trade partners early and often. Identifying these trades during the RFP process and engaging them throughout design was critical to achieving the owner’s program requirements while meeting the budget. Are you ready to leverage each company’s expertise and build your own dream team?</td>
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**TRACK 2: Effective Execution of Design-Build Project Delivery**  
Sponsored by: Hensel Phelps

**Progressive Design-Build — Successes, Trials and Tribulations — An Owners’ Perspective!**  
Design-build delivery has been evolving. Many Owners have moved from design-bid-build to design-build best value selection (BVS) and are now moving to progressive design-build (PDB). Through this evolution, there can be knowledge gaps between the design-build BVS and PDB processes with a variety of successes, failures and a significant learning curve. This session gives unique insight from two highly distinguished public sector Owners who candidly share their stories. At UCSD, the PDB process was initiated about three years ago, while at SFO, the PDB practice has been implemented for over ten years with many successful outcomes.

**TRACK 3: The New Normal — How COVID-19 Has Changed the Industry**  
Sponsored by: Turner Construction Company

**Safety on the Jobsite**  
The challenges faced by the design and construction industry as a result of COVID-19 have been enormous. What does the future hold for design-build project delivery, and the design-builders who are leading the way? This session will focus on review of jobsite safety pre-COVID, during COVID and how it will evolve post-COVID.

**TRACK 4: Design-Build Basics, Tools and Resources for Success**  
Sponsored by: Shockey Precast, a Metromont Company

**Design-Build Done Right® Best Practices: The Foundation of Success**  
DBIA’s Design-Build Done Right® best practices are universally applicable best practices that, if implemented, significantly increase the chances of project success. The principles apply to project of any size, in any sector, in any location.

**TRACK 5: Virtual Design & Construction**  
Sponsored by: McCarthy Building Companies, Inc.

**Moving Towards a Model-Based Preconstruction Standard**  
The presentation will seek to promote the advancement of model-based pre-construction practices. The discussion will highlight current challenges requiring broader-scale collaboration between industry (practitioners) and applications (software vendors) in order to successfully scale these practices. For industry members, the discussion will demonstrate how the current BIMForum Level of Development Specifications can serve as an industry accepted alignment tool and establish rules for projects employing model-based estimating practices. The framework of the discussion will cover model elements on a scale of 100 to 400 with a particular focus on the correlation between LOD and current cost estimating best practices. The presentation will demonstrate how the LOD Specification can be used to establish expectations of what should be modeled for the benefit of the project stakeholders. Practical examples of model detail issues will be shown along with effective approaches to resolve the challenges using the LOD Specification as an early BIM planning tool.

**TRACK 6: Water/Wastewater Sector: Design-Build Delivers Success**  
Sponsored by: StoneHill Contracting Company, Inc.; PC Construction Company

**Deficient to Efficient Sewers: A Design-Build Case Study for DeKalb County, GA (Intermediate)**  
DeKalb County, Georgia, has been under a Federal Consent Decree (CD) since 2011 because of an under-performing sanitary sewer system. This presentation focuses on 39,000 linear feet of rehabilitation and capacity up-sizing projects implemented by the County as part of Design-Build Package 1 to reduce and eliminate sanitary sewer overflows in accordance with the CD schedule. Unique challenges and lessons learned associated with the design-build delivery approach will be presented.
Trends and Lessons Learned in Rail Transit; Design-Build Mega Projects *(Intermediate)*

Rail transit has several unique challenges including close interaction with stakeholders, community impacts, integration of complex systems and extensive regulatory oversight. Design-build has been used for large rail transit projects for approximately 25 years. This presentation will provide an overview of the author's 20-year experience in the management of these projects. Trends, both positive and negative, are identified along with strategies to address those trends and lessons learned.

Richard Clarke, Los Angeles County Metropolitan Transportation Authority

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Journey Worth Taking — Valuable Advice for Owners Transitioning to Integrated Design-Build

Mountain climbers don't start their first climbing journey without ropes and a spotter. However, some have been known to do so. Transitioning from Construction Management at Risk to Integrated Design-Build can feel like that at times. Before you let go of the ropes of the traditional delivery systems, build your awareness of the necessary mindset changes to be successful. Our journey together will explore how giving up "control" can build trust, unity and true collaboration.

Elise Burkardt, AIA, NCARB, Gensler
Hilleary Hoskinson, MVP Performance Institute LLC
Dana Pomeroy, AIA, DBIA, LEED AP, The Whiting-Turner Contracting Company
Eliot Postma, Heatherwick Studio
Craig Unger, FDBIA, Unger Security Solutions LLC
Drew Wenzel, Google LLC

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Simply Complex: VDC’s role in Lean Process for Design-Build Delivery

Advanced Modeling is key to lean project delivery for the new $1.7 billion western headquarters of the National Geospatial-Intelligence Agency, one of the first federal design-build projects in the nation to use BIM technology and Advanced Modeling Requirements within a FedRAMP-compliant, cloud-based collaboration workspace. The joint venture design-build team of McCarthy HITT has developed strategies and processes to enable over 200 design-build team members nationwide to execute this complex project according to FedRAMP requirements.

Douglas Anderson, DBIA, AIA, Black and Veatch
Alex Belkofer, CM-BIM, McCarthy Building Companies, Inc.
Brandon Meinert, CM-BIM, BPA, CD, U.S. Army Corps of Engineers — Kansas City District
Shawn Reichart, AIA, LEED AP, Gensler

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Essentials for a Lean Architecture

Design professionals face continued pressure to do more with the same or often fewer, resources. This presentation considers where "less is more" and shares building blocks for rethinking and improving design and delivery processes. Building on strategies drawn from Lean principles, this program highlights the tenets underlying excellence in project delivery. It focuses on five essentials: accelerated decision-making, effective communication, strategic modeling, targeted reviews and streamlined documents. Examine strategies, techniques and methodologies that have proven effective and consider how to restructure your firm's design and delivery processes around what contributes actual value and reduces wasteful efforts.

Greg Buchanan, AIA, NCARB, CSI, LEED AP BD+C, Gensler
Michael Czap, AIA, The Beck Group
Managing [Water/Wastewater] Owner Procurement Expectations and Procurement/Project Risk for Design-Build Success

One of the most important ways Owners can manage achieving their expectations and risk associated with achieving success on a project is by selecting the design-builder that is best suited to perform the work. To determine this, Owners must design a procurement process that is focused on finding the right team for the project. This session will assist Owners with understanding the issues they should consider and decisions they need to make to create a procurement process that is most likely to lead to a successful project.

The Anatomy of an ATC (Alternative Technical Concept)

As an Owner, WSDOT brings significant Design-Build experience to the project allowing them to execute the project effectively. WSDOT uses this experience to evaluate Alternative Technical Concepts (ATCs) during the proposal phase. During the execution phase of the project, WSDOT makes sure they receive the ATCs they expect while allowing the Design-Builder the latitude to be innovative and construct a quality project.

Networks with Exhibitors

The Very Interesting Game

Tech Demo

The Very Interesting Game

THURSDAY, OCTOBER 29

General Session: Lessons Learned on a GSA Project
Laura Stagner, Assistant Commissioner (retired), GSA Public Buildings Service

How many times have you come to an end of a project and thought, “If I could do this all over again, I’d change a few things?” GSA did not just think it, they acted and conducted a post-mortem on a 1970s era, 16-story federal building modernization that took place from 2009–2014 using American Recovery and Reinvestment Act Funding. Hear critical lessons learned on this project and what the Owner and team would do differently if they could do it all over again.

Sponsored by: M.C. Dean, Inc.

Concurrent Education

P3 Predevelopment Agreements/Progressive P3s — Design-Build Opportunities and Challenges

P3 Predevelopment Agreements ("PDA") or Progressive P3s (terms used synonymously) are gaining traction due to growing risk concerns in fixed-price contracts. The PDA approach facilitates earlier design-builder involvement in project development. This session focuses on the design-build component of these procurements including the pros and cons, the procurement process, considerations during the PDA period (post award) and how the collaboration of this approach can potentially solve complicated project issues in a manner unlike other approaches.

Sponsored by: M.C. Dean, Inc.
### TRACK 2: Effective Execution of Design-Build Project Delivery

**The Left Coast Does It Right: Design-Build in California & Washington State**

Design-build is the project delivery method of choice for many universities in California and Washington State. The session will explore the reasons these institutions choose design-build and how they organize the process of procuring, contracting and managing projects to achieve their goals. Panelists will reflect on lessons learned about structuring design-build to achieve integrated design that delivers design excellence and value.

- **Joe Kline**, CCM, Washington State University
- **Brian Pratt**, AIA, LEED AP, DBIA, University of California, Irvine
- **Walter Schacht**, Mithun
- **Steven Tatge**, University of Washington

### TRACK 3: The New Normal — How COVID-19 Has Changed the Industry

**Collaboration and Co-Location**

The challenges faced by the design and construction industry as a result of COVID-19 have been enormous. What does the future hold for design-build project delivery and the design-builders who are leading the way? This session will focus on Collaboration and Co-Location and focus on how COVID-19 has changed the way both are happening.

- **Molly Jones**, AIA, LEED AP, GGP, GPCP, DBIA, Jones Design Studio, PLLC
- **John Wesley Morrison**, AIA, DBIA, CMSWillowbrook, Inc.
- **Philip Sheridan**, P.E., FDBIA, Clark Construction Group

### TRACK 4: Design-Build Basics, Tools and Resources for Success

**Understanding DBIA's Updated Standard Form of Contract Documents: What Makes them Different?**

The use of fair and clear contracts is fundamental to any delivery process. Because there are some important differences between design-build contracts and those for other delivery systems, it is particularly important for the individuals who administer the design-build procurement and execution to understand the contract's language and its practical application.

- **Schott Churilla**, DBIA, The Haskell Company
- **Holly Streeter-Schaefer**, JD, Burns & McDonnell Engineering Co., Inc.

### TRACK 5: Virtual Design & Construction

**How VDC Planning and Execution Can Drive Successful Design-Build Outcomes**

Beginning with the Owner's objectives in mind, virtual design and construction (VDC) planning elevates everyone's thinking to a more integrated, strategic level while driving value throughout the project. This session offers a straightforward project delivery map for integrating BIM as the tool, LOD as the language and VDC as the process. A playbook, exercise and examples demonstrate steps toward success (and missteps to avoid) — from RFP through contract, execution and delivery and turnover.

- **Alex Belkofer**, CM-BIM, McCarthy Building Companies, Inc.
- **Brian Skripac**, CIM-BIM, Assoc. DBIA, Assoc. AIA, LEED AP BD+C, CannonDesign

### TRACK 6: Water/Wastewater Sector: Design-Build Delivers Success

**Effective Design-Build Partnership with Corps and Contractor Produces Fast-Tracker Advanced WWTP**

Fast-track design-build projects require close coordination and effective communication between the Owner and the builder. This presentation provides insights into Design-Build Done Right® on an advanced WWTP with a LEED Gold administration building to meet stringent Puget Sound water quality discharge requirements including short-term operations/Owner training. Presentation will focus on how the team effectively utilized collaborative delivery in a lump-sum model achieving timely consensus and mitigating risk issues to successfully complete the mission critical project.

- **John Gallegos**, CDM Smith
- **Bill O'Neil**, P.E., DBIA, BCEE, CDM Smith
- **Sean Sullivan**, DBIA, EIT, PMP, CDM Smith
- **Kenneth Weaver**, P.E., PMP, CENWSP-ME, U.S. Army Corps of Engineers, Baltimore District

### TRACK 7: Transportation Sector: A Closer Look

**How Smaller/Mid-Sized Firms Can Still Compete and Succeed in the Design-Build Industry**

This presentation hopes to help industry partners and owners recognize there are many areas to finding a niche and being successful in the design-build industry. Whether working with creative construction ideas, sharing innovative design skills with other designers or providing pivotal guidance and oversight to owners, small/mid-sized companies can learn about progressive steps they can take and recognize they have opportunities to be influential and successful in continuing the success of design-build projects.

- **William Fiorillo**, PE, DBIA, Wallace Montgomery
- **Darren Michael O'Neill**, PE, DBIA, Wallace Montgomery
- **Eric Sender**, PE, DBIA, Wallace Montgomery
<table>
<thead>
<tr>
<th>Time</th>
<th>Concurrent Education</th>
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| 12:00pm-1:00pm | **TRACK 1:** Teaming & Collaboration Techniques for Optimal Outcomes  
Sponsored by: M.C. Dean, Inc.  
**The Good, the Bad and the Awesome: Owner Engagement in Collaborative Design-Build**  
Complex projects are fraught with challenges and unforeseeable complications that put relationships to the test. These projects risk failure without the foundation of owner engagement and trust necessary for "uncomfortably honest," yet effective conversations among Owners, design-build teams, trade partners and other team members. The extraordinary challenges of California State University — Sacramento University Union Expansion provide the backdrop for Union WELL's executive director to guide this frank and practical session on owner engagement.  
**Tim Albiani, P.E., DBIA, McCarthy Building Companies, Inc.**  
**Bill Olmsted, Union WELL, Inc.**  
**John Webre, AIA, Dreyfuss and Blackford Architects**  
**Joy Yost, LEED AP BD+C, McCarthy Building Companies** |
|           | **TRACK 2:** Effective Execution of Design-Build Project Delivery  
Sponsored by: Hensel Phelps  
**Design-Build Programmatic Improvement with a Community of Practice**  
This session will describe the Virginia Department of Transportation's Community of Practice for Design-Build. Utilizing this Community of Practice, VDOT's construction practitioners on design-build projects have brought about significant changes and improvements to our program conceived and implemented at the grassroots level. This has resulted in solutions from the field for the field, quickly and organically implemented to solve significant concerns regarding quality, financial management, environmental compliance and more.  
**Ian Millikan, P.E., PMP, DBIA, Wallace Montgomery**  
**Robert Ridgell, P.E., DBIA, CCM, Virginia Department of Transportation** |
|           | **TRACK 3:** The New Normal — How COVID-19 Has Changed the Industry  
Sponsored by: Turner Construction Company  
**Pricing and Supply Chain Management**  
The challenges faced by the design and construction industry as a result of COVID-19 have been enormous. What does the future hold for design-build project delivery and the design-builders who are leading the way? This highly interactive session will focus on pricing and supply chain management, allowing attendees to share experiences, learn from each other and assess the future of design-build.  
**Chip Lambertson, Whiting-Turner** |
|           | **TRACK 4:** Design-Build Basics, Tools and Resources for Success  
Sponsored by: Shockey Precast, a Metromont Company  
**Selecting & Using an Owner Advisor**  
Achieving a cost-effective risk allocation in design-build contracting is central to project success. The design engineering profession is tending to move toward lower risk transfer tolerance in ADPs and design-build project deliveries. An Owner advisor can play a critical role in laying the foundation for a design-build project's success by providing tried and tested means for managing design-build risks in a fair and equitable manner to all parties.  
**Neil Callahan, WSP USA Inc.**  
**Craig Unger, Unger Security Solutions LLC** |
|           | **TRACK 5:** Virtual Design & Construction  
Sponsored by: McCarthy Building Companies, Inc.  
**DfMA, Prefabrication and Element-Centric Target Value Design**  
This session will focus on how the collaborative process involving designers, builders, suppliers, estimators and Owners changes when architects learn how to assemble architecture with the use of design for manufacturing and assembly (DfMA) principles and prefabricated elements like components, subassemblies and modules. Attendees will understand how roadblocks in the design and estimating process either enable or constrain downstream optimization of prefabrication for the construction and operations teams.  
**Amy Marks, Autodesk, Inc.** |
**TRACK 6:**
**Water/Wastewater Sector: Design-Build Delivers Success**

Collaborative Delivery Done Right: Wichita’s Northwest Water Treatment Facility NWWTF

As the second largest progressive design-build project in the water sector ($524M), Wichita’s NWWTF has all of the ingredients to be one of the most interesting and successful water projects in the country. The panel discussion will include the City of Wichita’s Project Manager, the Owner’s Site Representative (OSR, Garver) and the design-build prime Wichita Water Partners (a joint venture team of Burns & McDonnell and Alberici).

Sponsored by: StoneHill Contracting Company, Inc.; PC Construction Company

**TRACK 7:**
**Transportation Sector: A Closer Look**

How a Fixed-Priced, Variable Scope Procurement Can Achieve Project Goals

This session will educate the audience on the use of a fixed price, variable scope procurement while also showing that rewarding innovation and Owner perceived benefits through a "quality score" in a weighted criteria formula drives successful integrated delivery. The session will provide a behind the scenes look at how the successful design-builder developed a strategy to evaluate the variable scope items, provide innovation and benefits to the Owner and respond to the weighted criteria.

Sponsored by: Dewberry; KCI Technologies, Inc.; RK&K

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**1:00pm–2:00pm**

Networking with Exhibitors

**1:30pm–2:00pm**

The Very Interesting Game

*Sponsored by: Black & Veatch*

**2:00pm–3:00pm**

Concurrent Education

**TRACK 1:**
**Teaming & Collaboration Techniques for Optimal Outcomes**

Collaboration and Integration: Techniques and Practices for Effective Teaming Including Key Trades

Multiple design phase co-location engagement practical examples in healthcare and industrial process vertical market projects.

*Sponsored by: M.C. Dean, Inc.*

**TRACK 2:**
**Effective Execution of Design-Build Project Delivery**

Incorporating Lean and IPD Practices into Design-Build

This presentation discusses how Lean and IPD practices can be incorporated successfully into design-build projects. The presenters were leaders of a task team at Barton Malow that developed a framework for defining Lean and IPD practices and promoting their adoption. The presentation will describe the framework, the underlying principles, the menu of practices, how adoption was encouraged and the positive impact on project outcomes.

*Sponsored by: Hensel Phelps*

**TRACK 4:**
**Design-Build Basics, Tools and Resources for Success**

A Closer Look at DBIA Position Statements, Manual of Practice, Educational Offerings and Other Resources

Design-Build Done Right® involves a broad understanding of various concepts, principles and relationships. As the nation's only organization focused on understanding and implementation of design-build best practices, DBIA has a plethora of resources to help guide your path to exceptional outcomes.

*Sponsored by: Shockey Precast, a Metromont Company*
<table>
<thead>
<tr>
<th>TRACK 5: Virtual Design &amp; Construction</th>
<th>Project Management Software Considerations for Alternative Project Delivery</th>
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<tbody>
<tr>
<td>Sponsored by: McCarthy Building Companies, Inc.</td>
<td>Deploying alternative project delivery methods means that your existing project management software might not be well-suited for this type of project delivery. Workflows are different, roles are different and needs are different. The busy procurement phase of these projects also has special requirements. Learn how to get the best for your agency in this review of the state of the market.</td>
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<td>Brian Shell, PE, WSP USA</td>
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<tr>
<th>TRACK 6: Water/Wastewater Sector: Design-Build Delivers Success</th>
<th>The Value of Early Supply Chain Engagement in Design-Build</th>
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<tr>
<td>Sponsored by: Stone Hill Contracting Company, Inc.; PC Construction Company</td>
<td>FMI and DBIA's Water/Wastewater Committee joined forces to evaluate the current level of effective engagement of the &quot;supply chain&quot; in design-build project delivery and to provide recommendations to improve engagement going forward. Hear first-hand the results of this important research and how the information can be used to further enhance design-build project delivery.</td>
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<td></td>
<td>Gordon Cable, DBIA, Ferguson Enterprises, Inc., Ferguson Waterworks</td>
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<td>Brian Kerschen, Flatiron Construction</td>
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<td>Ernest Maschner, Victaulic</td>
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<td>Paul Trombitas, FMI</td>
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<td>Lauren Zuravinsky, PE, Hampton Roads Sanitation District</td>
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| 3:00PM–3:15PM | Coffee Break: Mindfulness for the Highly Stressed |
|               | Sponsored by: Zurich |

| 3:15PM–4:15PM | Concurrent Education |

<table>
<thead>
<tr>
<th>TRACK 1: Teaming &amp; Collaboration Techniques for Optimal Outcomes</th>
<th>Shifting From a “Stuck Culture” to a Robust “Flux Culture” with Design-Build</th>
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<tbody>
<tr>
<td>Sponsored by: M.C. Dean, Inc.</td>
<td>Cultural transformation isn’t an easy thing to accomplish. However, there are critical signs that suggest this is exactly what is missing and desperately needed if the design-build process is to flourish into the future. With numerous workforce issues, productivity challenges and lack of technological advancement, the design and construction industry is at a crossroads. This session focuses on how to shift your organization from a status quo &quot;stuck culture&quot; to a growth oriented &quot;flux culture.&quot;</td>
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<td>Barbara Jackson, Ph.D., FDBIA, University of Denver</td>
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<tr>
<th>TRACK 2: Effective Execution of Design-Build Project Delivery</th>
<th>Understanding Current Federal Law on Design Changes and Defects on Design-Build Contracts</th>
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<tbody>
<tr>
<td>Sponsored by: Hensel Phelps</td>
<td>As design-build project delivery becomes more commonplace in the federal market, the federal courts are laying down fundamental decisions that are likely to set the stage for how design-build disputes are resolved across the country. In this presentation, experienced government contracts attorney Michael Richard will review and analyze some of the most important design-build decisions emerging from the federal courts addressing who is legally liable when there are changes to or defects in the design.</td>
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<td>Michael Richard, JD, Obermayer Rebmann Maxwell &amp; Hippel</td>
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<tr>
<th>TRACK 4: Design-Build Basics, Tools and Resources for Success</th>
<th>One Size Does Not Fit All: Uncovering the Flexibility of Design-Build</th>
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<td>Sponsored by: Shockey Precast, a Metromont Company</td>
<td>Design-build project delivery has grown in popularity, accounting for nearly half of all design and construction in the United States. This growth can be attributed, in part, to the flexibility of design-build, including an Owner’s option to choose from among key variations: two-phase best-value design-build and progressive design-build.</td>
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<td></td>
<td>Marty Hedlund, PE, CPC, LEED AP, DBIA, Sundt Construction, Inc.</td>
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<td>Craig Unger, Unger Security Solutions LLC</td>
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**TRACK 5: Virtual Design & Construction**

**Virtual Design and Construction During a Pandemic**

The workplace of today is rapidly evolving, and it is not enough for firms to have a grasp of the latest BIM/VDC technologies. We must embrace the transition to cloud platforms that allow work to be done from anywhere — remote sites, homes and traditional offices. This requires close collaboration between IT infrastructure teams and BIM/VDC teams, something that has traditionally been difficult for most organizations. This trend has been illuminated by the recent COVID-19 pandemic and we will show what a completely virtual and remote workforce looks like and how this helped Southland transition to the new virtual workplace.

**Joshua Getz, Southland Industries**  
**Julio Saenz, Southland Industries**  
**Israel Sumano, Southland Industries**

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**TRACK 6: Water/Wastewater Sector: Design-Build Delivers Success**

**Use of Stipends in the Water/Wastewater Sector**

The cost of preparing proposals for best value design-build competitions can constitute a considerable burden upon the proposers. The stipend helps cover a portion of the design-build proposal costs and can provide an effective financial incentive to increase competition. Hear from a panel of experts including an Owner, an integrated design-build firm and a contractor on their views on stipends and the role they play in effective design-build.

**John Giachino, DBIA**  
**Michelle Green, PE, DBIA, Jacobs**  
**Bruce Husselbee, P.E., DBIA, Hampton Roads Sanitation District**  
**Phil Sudol, Jacobs**

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**TRACK 7: Transportation Sector: A Closer Look**

**State Department of Transportation (DOT) Panel Discussion**

An open discussion of several significant topics affecting the national design-build and P3 market in transportation.

**James Avitabile, P.E., DBIA, RS&H**  
**Brian Barth, P.E., Texas Department of Transportation**  
**Richard Clarke, Los Angeles County Metropolitan Transportation Authority**  
**Christopher Gaskins, P.E., PG, DBIA, South Carolina Department of Transportation**  
**Shailendra Patel, P.E., DBIA, Virginia Department of Transportation**

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**4:15pm–6:15pm**  
**Networking with Exhibitors**

**4:30pm–4:50pm**  
**Sponsor Breakout**  
*Sponsored by: Rosendin Electric, Inc.*

**5:00pm–5:20pm**  
**Tech Demo**  
*Sponsored by: Triax*

**5:30pm–6:00pm**  
**The Very Interesting Game**  
*Sponsored by: Brightview Landscape Development*

**6:30pm–9:30pm**  
**2020 Design-Build Project/Team Awards Ceremony**

What better way to celebrate our industry’s success than by honoring the nation’s best design-build projects, teams, this year’s class of DBIA Fellows and the Brunelleschi Lifetime Achievement Award winner? Design-build’s contributions to the national and international landscape continue to impress and inspire and this year’s awards ceremony promises to be a truly memorable event you won’t want to miss. This is a complimentary event.

*Sponsored by: The Whiting-Turner Contracting Company*
10:00AM–11:00AM

**General Session:**

**Brock Long (Former FEMA Administrator)**

Brock Long, Former FEMA Administrator

From hurricanes Harvey, Irma and Marie to the California wildfires in 2017, Brock Long has helped communities navigate through a string of devastating natural disasters. As a former Director of FEMA, Brock says that one thing that remains true, regardless of the situation on the ground, is that having a plan engaging both the public and private sector goes a long way in helping the community recover more quickly.

*Sponsored by: Autodesk, Inc.*

11:00AM–12:00PM

**Concurrent Education**

**TRACK 1:**

**Teaming & Collaboration Techniques for Optimal Outcomes**

In this interactive session leaders will learn from other leaders. Both Owners and practitioners will be encouraged to share what has been learned through the COVID-19 disruption and be able to immediately apply new insights to better equip their leaders and build their teams as their markets and communities emerge from the current crisis.

*Sponsored by: M.C. Dean, Inc.*

**TRACK 2:**

**Effective Execution of Design-Build Project Delivery**

The session will take a look at procurement from the perspective of three large and sophisticated Owners as well as an experienced Owner’s advisor. The panel will discuss what Owners are looking for in responses to their procurement documents and share lessons learned to other Owners on what to expect from the process.

*Sponsored by: Hensel Phelps*

**TRACK 4:**

**Design-Build Basics, Tools and Resources for Success**

We have all experienced unprecedented times this year, and DBIA is no different. Hear insight from the DBIA National Board as it relates to the impact of COVID-19 on the organization and industry and our path forward.

*Sponsored by: Shockey Precast, a Metromont Company*

**TRACK 5:**

**Virtual Design & Construction**

It’s no secret that BIM platforms collect and maintain building data to mitigate construction delays and costs, but can they be used more efficiently? How can they be used post-build? The industry needs growth to move from visualization to intelligent models that act as hubs of accessible knowledge. Mitch Hughes, CEO of ViZZ, will discuss benefits that span the entire building lifecycle offered by collecting and maintaining information within virtual twins while using existing workflows.

*Sponsored by: McCarthy Building Companies, Inc.*

**Design-Build Leadership Perspectives: Insight from DBIA National Board Leadership**

**The Lifecycle of a Building: Adding Value with Virtual Intelligent Models**

**A Path Forward: How High-Impact Teams Emerge from Crisis**

**Geoffrey Neumayr, SE, PE, San Francisco International Airport**

**Linneth Riley-Hall, DBIA, CPPQ, Sound Transit**

**Eric Smith, PE, LEED AP, DBIA, University of California San Diego**

**Steven Tatge, University of Washington**

**Robynne Thaxton, JD, FDBIA, Thaxton Parkinson PLLC**

**Mitch Hughes, ViZZ**

**Geoffrey Neumayr, SE, P.E., LEED AP, DBIA**

**Martin Robert Hedlund, FDBIA, PE, CPC, LEED AP**

**Rick del Monte, FAIA, LEED AP, DBIA**

**Steve M. Grauer, DBIA**

**DeWayne Ables, Pioneer IQ**

**Rick del Monte, FAIA, LEED AP, DBIA**

**Steve M. Grauer, DBIA**

**Martin Robert Hedlund, FDBIA, PE, CPC, LEED AP**

**Geoffrey Neumayr, SE, P.E.**

**Deb Sheehan, ACHE, LEED AP, EDAC, DBIA**

**Mitch Hughes, ViZZ**
**TRACK 6: Water/Wastewater Sector: Design-Build Delivers Success**

Using the Power of Design-Build to Deliver Diversity: Strategies to Achieve MWSBE/DBE Goals

A booming construction market presents unique opportunities for MWSBE/DBE participation on design-build projects. Hear from Owners and Owner advisors how they encourage and enable realistic and obtainable participation goals, and hear how design-builders can respond appropriately with cost and schedule in mind.

Sponsored by: StoneHill Contracting Company, Inc.; PC Construction Company

Nicole Bartlett, P.E., City of Charlotte — Charlotte-Mecklenburg Government Center
Robert McIntyre, DBIA, Stone Hill Contracting Company, Inc.
Barry Shearin, P.E., Assoc. DBIA, HDR
Linnell Stanhope, PE, Crowder Construction Company

**TRACK 7: Transportation Sector: A Closer Look**

Safety Improvements Design-Build: A Case Study on the Road to Saving Lives

As a cross-cutting case study of design-build procurement being utilized to maximize the benefits of roadway safety improvements, this presentation will challenge attendees to consider design-build delivery for non-traditional project types. Owner, engineer and contractor will provide insights into key aspects of the project from delivery model selection and development of the Request for Proposals to the design and construction of the safety improvements. Procurement and delivery challenges, solutions and lessons learned will be discussed.

Sponsored by: Dewberry; KCI Technologies, Inc.; RK&K

Jarrett Jasper, P.E., Horner and Shifrin
James Ritter, P.E., Jacobs
David Simmons, P.E., Missouri Department of Transportation (MoDOT)

12:00pm–1:00pm
Concurrent Education

**TRACK 1: Teaming & Collaboration Techniques for Optimal Outcomes**

Sharing Lessons Learned From the McLaren Greater Lansing Project

This presentation will detail how project-tailored prefabrication strategies enabled the project team to achieve a more holistic design-build approach.

Sponsored by: M.C. Dean, Inc.

Keith Berry, LEED AP, The Christman Company
Kevin Dettling, Limbach Holdings, Inc.
Bob Gallagher, Barton Malow Company
Colin Martin, Barton Malow Company
Daniel Medrano, McLaren Health
Alan Todd, AIA, LEED BD+C, Barton Malow Company
Eric Wingelaar, RA, OAA, LEED AP, Harley Ellis Deveaux

**TRACK 2: Effective Execution of Design-Build Project Delivery**

Understanding the Risks of Delegated Design & Design Assist

In design-build contracts, the responsibilities of parties are clear and robust bodies of legal precedence exists to guide behaviors and resolve disputes. In contrast, many non-design build contracts contain areas of Delegated Design and Design Assist that have been introduced with good intentions, but instead generate unanticipated risk. The responsibilities between parties for Delegated Design and Design Assist blur lines of professional responsibility and carry many risks of design build and necessitate similar collaborative approaches.

Sponsored by: Hensel Phelps

Robert Barbera, DBIA, Turner Construction Company
Greg Chertoff, Peckar & Abramson
Chris Jahrling, Turner Construction Company
Timothy Shea, P.E., LEED AP, M.C. Dean, Inc.
Stephen Weinryb, FAIA, LEED AP, HOK
Beyond COVID-19: Insights from DBIA’s Futures Council on Industry Disruptors

In 2019, DBIA appointed a Futures Council to help position DBIA for future success by providing thought leadership on topics which may affect project delivery and the built environment over the next 20+ years. Join this panel as members of the Council discuss their insight into the future of the industry.

Roshan Corsiglia, Ph.D., Google LLC
Greg Gidez, AIA, FDBIA, LEED AP, Hensel Phelps
William (Bill) O. Green, PE, FDBIA, LEED AP BD+C, The RMH Group, Inc.
Deb Sheehan, ACHE, LEED AP, EDAC, DBIA, BDO Healthcare Center for Excellence and Innovation
Tom K. Sorley, Rosendin Electric
Tim Swanson, Skender
Paul Trombitas, FMI
Lisa Washington, CAE, Design-Build Institute of America
Jim Whitaker, FAIA, FDBIA, HKS, Inc.

Reality Capture with Laser Scanning, Overview for Owners and Their Teams

This presentation will address what owners and their teams need to understand about reality capture when requesting proposals from reality capture providers. It will go through the complete scope of reality capture topics, including premobilization, mobilization, field work, registration processing, delivery of point cloud data and “Scan-to-BIM Modeling.” It will share lessons learned from planning and scoping projects as large as a four million square foot laser scan project to as small as a one-hour mechanical room scan and everything in between.

William Ikerd, P.E., BIMForum
Joseph Powell, EIT, Ascend Building Knowledge Foundation

Value of the Team: Execution and Startup Lessons in a Progressive Design-Build

This presentation will review several examples of progressive design-build water and wastewater projects where the early integration of the design-builder, Owner, key subcontractors and the Owner’s advisor resulted in significant benefits to project performance, specifically during execution and startup. DBIA best practices and methods developed across several successful projects will be reviewed. The examples and concepts provided here will support the idea that integrated delivery relies heavily on strong relationships, communication and collaboration by all.

Adam Bogusch, P.E., Burns & McDonnell Engineering Company, Inc.
Jason Reigel, City of Hays, KS (Chetolah Creek Water Reclamation and Reuse Facility)
Travis Stryker, P.E., CAS Constructors LLC

P3s and the Balance (Imbalance?) of Risk Transfer

This session will focus on the design-build risk within P3 contracts. Discussion will be centered on design-build risk transfer between the project Owners and the private sector proposers and how optimum risk transfer ensures sufficient market participation and provides the true best value for public Owners.

Steven DeWitt, P.E., ACS Infrastructure Development, Inc.
Adam Giuliano, Kaplan Kirsch & Rockwell LLP
Joe Wingerter, PE, Kiewit Corporation

1:00pm–2:00pm
Networking with Exhibitors
1:00PM–2:00PM  
The Very Interesting Game Championship  
Sponsored by: The Whiting-Turner Contracting Company

2:00PM–3:00PM  
Closing General Session:  
Design Community and Design-Build: Perspectives, Insights and Opportunities  
Holly Briggs, Interior Architects; Roshan Corsiglia, Ph.D., Google, LLC; Kevin Hydes, PE., Peng, CEng, LEED Fellow, Integral; Robert Jernigan, FAIA, LEED AP, Gensler; Matthew Kreilich, FAIA, LEED AP, Snow Kreilich Architects; Virginia A. McAllister, RA, LEED AP, NCARB, DBIA, Iron Horse Architects; Dana Pomeroy, AIA, DBIA, LEED AP, The Whiting-Turner Contracting Company; Lee Slade, P.E., Walter P Moore and Associates, Inc.

Design excellence reflects the practice of good judgment throughout project procurement, development and execution, as well as sound decision making within the limitations imposed by logistics, constructability, budget, scope and schedule. Although design-build is well-suited to deliver on amazing design in every way, it is no secret that some from the design community feel the business model can pose obstacles, while others have experienced unparalleled success elevating design in design-build.

Exhibit Hall Hours

WEDNESDAY, OCTOBER 28
4:45PM–6:45PM  Exhibit Hall Open

THURSDAY, OCTOBER 29
1:00PM–2:00PM  Exhibit Hall Open
4:15PM–6:15PM  Exhibit Hall Open

FRIDAY, OCTOBER 30
1:00PM–2:00PM  Exhibit Hall Open

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