

Early Bird Rates
End March 31

DESIGN-BUILD FOR **WATER/WASTEWATER** CONFERENCE 2021

Virtual // April 12-14, 2021



Register today for DBIA's Virtual Event!

Design-Build is Ready to Rebuild America

DBIA Will Help You Prepare for the Future

WITH CHALLENGES COME OPPORTUNITIES.

For many months, we have faced unprecedented challenges due to the COVID-19 pandemic. Design-build teams have played a vital role in helping our communities by providing alternative medical facilities and the most cost and schedule-efficient projects at a time when federal, state, and local budgets were stretched to the limit. As design-builders, we also have experience in delivering shovel-ready projects to jump-start the economy. We did it in 2009 with the American Recovery and Reinvestment Act and stand ready to respond again today. But is the Water/Wastewater sector prepared for what 2021 holds?

Given all we've faced over the past year, we know you're now ready to seize the opportunity to come back even stronger in 2021. The possibility for new infrastructure investment, used as a tool to fuel economic recovery, provides design-build teams the chance to -- once again -- make our mark on communities nationwide.

DBIA's priority for this event has been to build a program that provides meaningful and high-value tools, resources, and strategies your teams can implement immediately on your projects. We know your time is valuable, and there's not a minute to waste as we gear up for this historic opportunity to rebuild our economy.

While we'd rather meet in person, we're committed to providing the same quality design-build education in this virtual event you've come to expect from DBIA. One advantage of this virtual environment is that you won't have to pick and choose which session to attend because you'll have access to every conference session for a full month. Thanks to our dedicated conference planning committee and its co-chairs' hard work, Colin Groff, P.E., City of Boynton Beach and Rodney Lee Pope, P.E., DBIA, Brown and Caldwell, we're confident you'll find this year's sessions both targeted and timely. We know that well-trained Design-Build Done Right® teams will fuel our recovery, and we're here to help make it happen.

You see, we truly are in it for your success and hope you'll join us in April.

Water/Wastewater Markets Committee Co-Chairs

John Giachino, DBIA
PC Construction (Retired)

Joanne Flick, CPPO, CPPB
City of Daytona Beach

THANK YOU TO OUR 2021 PARTNERS



Are You Ready for What the Future Holds?

America Needs Design-Build as We Rebuild Our Economy



Nearly half of America's construction dollars will be spent on design-build projects.



Design-build is the best performing delivery system for both schedule and cost.



Design-build is the fastest growing and most popular delivery method in the nation.

This is the only event in the nation that offers the water/wastewater sector targeted design-build education, resources and networking. Now, more than ever, America needs qualified design-build teams.

Whether you're a design-build pro or novice, these virtual conferences are designed to help you turn challenges into opportunities to deliver project success.

YOUR TIME IS VALUABLE; WE'LL MAKE THE MOST OF IT

- Owners-only and practitioners-only forums
- **28 education sessions** on 4 topic tracks important to design-builders
- Thought-provoking and inspiring general session speakers
- Exhibitors with the latest products and innovations
- Unprecedented design-build **networking opportunities**
- You don't have to miss a single session. Virtual sessions available for a month

Virtual Doesn't Have to Be Boring

DBIA is committed to break the death-by-slide-show model all too common these days. Here's what our 2020 virtual event attendees had to say about the DBIA virtual conference experience:

**Over
90%**

Ranked DBIA's 2020 virtual conference sessions with the **highest satisfaction** level saying the program increased their design-build knowledge and provided resources relevant to their professional needs.



I liked the virtual format, it was effective.

DBIA provided an excellent combination of panel discussions, presentation slides, visuals and real examples.



WOW. I learned, was inspired and will now download to read all the content. So much information!



Attend the full conference and earn up to 33 CEU credits. DBIA is an approved AIA provider.

Featured Events

Monday // April 12 // 1:45-2:45 pm

Every Drop Counts - The Future of Water

Robert Glennon, *National Water Policy and Law Expert*



In a world of 10+ billion people (and growing) facing challenges to our water resources worldwide, many wonder, where will the water come from to grow our food, slake our thirsts, nourish our economy, and preserve our environment? Water expert Robert Glennon offers hope to solving our long-term water crisis by laying out a vision for a sustainable water future. That future is nearer than you may think — and Glennon shares the steps to getting there.

Sponsored by: **AECOM**

Wednesday // April 14 // 11:30am-12:30pm

D & I Best Practices: What Works? What Doesn't?

Brent Darnell, *Brent Darnell International*

Stephanie Roldan, *Rosendin Electric, Inc.*

Catina Anderson, *National Custom Corporate Services*



Many people are diving into a deeper understanding of diversity because there is a huge need facilitated by our ongoing workforce development issues and social pressures to implement some sort of strategy. That is the likely reason that most of these initiatives fail or come up short with tangible results. In fact, sometimes there is a backlash, and the initiative does more harm than good. This session explores best practices for advancing diversity, inclusion, and equity, not from anecdotal evidence but empirical research. We will cover the best practice results and practical ways to implement them.

Tuesday // April 13 // 11:00am-12:00pm

Behind the Scenes of Design-Build Award Winning Water/Wastewater Projects

2020 Design-Build Award Winning Teams Panel



What does it take to be part of an award-winning project/team? Hear first-hand from DBIA's 2020 project/team awards winners and awards jury

members the magic behind the success. Representatives from award-winning projects (including both the Owner agency and the design-builder) will discuss the aspects of the project's success that drove them to submit it for an award, why the design-build model was beneficial for the team and the project, and lessons learned that others can use to leverage similar success.

Sponsored by:



Wednesday // April 14 // 3:45pm-4:45pm

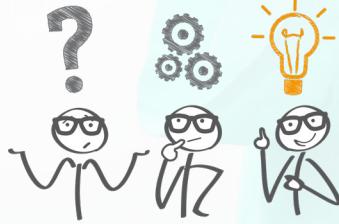
Issue Resolution Forum

Moderator: Rich Formella, DBIA, PMP, CPPO, *Design-Build Strategic Solutions, LLC*

Panelists: John A. Giachino, DBIA, *PC Construction Company (retired)*

Colin Groff, P.E., *City of Boynton Beach*

Bruce W. Hesselbee, P.E., DBIA, *Hampton Roads Sanitation*



This interactive session will dig deeper into the reports from the DBIA Owner and Practitioner Forums held earlier in the conference. Not only is the session an exceptional opportunity to learn and exchange ideas, but it puts you in the driver's seat to help determine the future of project delivery in the water/wastewater industry. DBIA will use input from attendees to affect positive change in the industry.

For Owners Only

Design-build is only as successful as the owners who implement it. That's why DBIA is committed to providing targeted Owners-Only education/networking at our Design-Build for Water/Wastewater Virtual Conference.

Owners' Forum

Water/Wastewater Owners' Forum

April 12 // 11:30am-1:30pm

This Owners-only event provides a truly unique and valuable educational and networking experience. Touted by Owners as one of their favorite DBIA events, this 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.

DON'T LET A TIGHT BUDGET STOP YOU FROM ATTENDING!

Let DBIA help offset your registration. The Owners Scholarship Fund helps defray the cost of attendance for a limited number of qualified Owners. Please submit your application by **March 1** and DBIA will email applicants with their status at least 14 days before the event.

[Apply online.](#)



I had a wonderful experience with the virtual Conference & Expo. I was pleasantly surprised at the number of seminars geared towards the owner. There was also a good mix of experience level among fellow owner attendees. The seminars touched on past projects ranging from small to very complex in both vertical and horizontal construction which was helpful. Panels typically consisted of an owner or owner's rep in addition to the contractor and designer which was appreciated.

Elly Watson
City of Aurora



I found the DBIA Conference to be informative and inspiring in opening up the "mystery box" of design-build, which is not typically used by industry in our region.

Christiana Briganti-Dunn
Virginia Department
of Transportation



The 2020 DBIA Conference was well done and I commend the team that pulled off the virtual format. There were many good learning and networking opportunities, and the Owner's forum was a great resource of information.

Brian Hess
KC Water Services



WATER/WASTEWATER SCHEDULE

See what your future holds.

Dates and events are subject to change. Visit dbwater.com for updated information.

Track Themes/Descriptions

Track 1-Essential Facts & Principles for Project Success

There are numerous fundamental concepts that, if well understood, will help drive optimal outcomes when using design-build. This track will touch on several of those concepts derived from both research and practical application. With sessions ranging from an overview of the common characteristics/distinguishing factors of best-value versus progressive design-build to understanding the current state of infrastructure pricing and supply chain management-this track will provide the essentials needed for design-build success.

Track 2-Optimizing Design-Build

Design-build project delivery has a proven track record of outperforming traditional design-build-build and CM@Risk in cost and schedule performance. But did you know that research and case studies have shown that design-build can do so much more, including adding significant value for the Owner and end users, bringing innovative solutions, and helping the Owner reach social responsibility goals? This track includes examples of just how far design-build can take your next project.

Track 3-Collaboration "Done Right"

While a single-point of responsibility contract is the hallmark of design-build, the mental shift to a fully collaborative mindset is equally important. Design-Build Done Right® best practices point to the importance of early engagement and collaboration of key stakeholders. Maximizing success requires true collaboration in actions, not just words. This track provides numerous examples of what true collaboration looks like and the results it can produce.

Track 4-Show Me the Money (and the Contract)

They say only two things are certain in life-death and taxes. In the AEC industry, there are two other certainties-the need for funding and the need for effective contracts. In an economy where public Owners are forced to tighten belts and work smarter, this track looks at various financing mechanisms, strategies to ensure contract terms in the best interest of the entire team, and supply chain nuances that may impact current and future construction costs.

Water/Wastewater Schedule

Monday // April 12th

	Owners Forum Discussion Topics:	Practitioners Forum Discussion Topics:
11:30 am- 1:30 pm	Owners Forum Discussion Topics: <ul style="list-style-type: none"> • Single Point of Responsibility • Owner Advisors • Achieving Cost Success • Off-Ramps 	Practitioners Forum Discussion Topics: <ul style="list-style-type: none"> • Single Point of Responsibility • Owner Advisors • Achieving Cost Success • Off-Ramps
1:30-1:45 pm	Break	
	Opening Keynote	
	Every Drop Counts - The Future of Water	
1:45-2:45 pm	Keynote Speaker: Robert Glennon, <i>National Water Policy and Law Expert</i> . Robert Glennon is one of the nation's preeminent experts on water policy and law. The recipient of two National Science Foundation grants, Glennon serves as an advisor to governments, corporations, think tanks, law firms, and NGOs looking to solve serious challenges around water sustainability and planning.	
	In a world of 10+ billion people (and growing) facing challenges to our water resources worldwide, many wonder, where will the water come from to grow our food, slake our thirsts, nourish our economy, and preserve our environment? Water expert Robert Glennon offers hope to solving our long-term water crisis by laying out a vision for a sustainable water future. That future is nearer than you may think — and Glennon shares the steps to getting there.	
	Sponsored by: AECOM	
2:45-3:45 pm	Track 1: One Size Does Not Fit All: Uncovering the Flexibility of Design-Build	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. Review DBIA's new position statement on the flexibility of design-build and leave the session with an in-depth understanding of the commonalities and distinguishing characteristics of the two most common design-build procurement approaches-best value and progressive.
2:45-3:45 pm	Track 2: Maximization of Capital Improvement through Design-Build	Macon Water Authority's (MWA) two (2) water reclamation facilities required significant upgrades and improvements to allow them to continue meeting their NPDES permits. Initial studies envision upgrades far more costly than the available capital to complete the projects. Progressive Design-Build has allowed MWA to prioritize and maximize their budget and expand the original project scope within their available budget.

Water/Wastewater Schedule

	Track 3: The "T" in Tualatin Stands for "Team" Mortenson reached substantial completion for a Progressive Design-Build of the Tualatin Interceptor for Clean Water Services, 10,000 feet of 48" gravity sewer pipeline that was increased in size to 66" to accommodate growth in the community. The PDB procurement process resulted in a very strong team, and the benefits of that team resulted in innovative project ideas and unique cost-savings measures. Project ideas such as a 550-foot curved micro tunnel under the Tualatin River, phasing the project for parallel permitting and construction, managing risk of de-watering, and subcontractor procurement, resulted in significant time and cost savings.
2:45-3:45 pm	Track 4: A P3 and Design-Build Solved Two Challenges for the City of Midland The City of Midland partnered with private industry to improve their aging Water Pollution Control Plant (WPCP) and generate a new revenue stream to support long-term operating needs and used the design-build method to achieve optimal results. Private industry needed an affordable supply of water to support their processing needs, and the City of Midland needed some improvements to comply with new permit requirements. The local industry paid for the necessary improvements at the WPCP to meet the new permit requirements while also agreeing to pay for the use of the effluent to off-set the city's long-term operating costs.
3:45-4:00 pm	Break – Safety Moment
4:00-5:30 pm	Visit DBIA's Virtual Expo Hall. Including Tech & Sponsor Demos at 4:10pm and 4:50pm
Tuesday // April 13th	
11:00 am-12:00 pm	<p>General Session Behind the Scenes of Design-Build Project Award Winning Water/Wastewater Projects Panelists: 2020 Design-Build Project/Team Award Winners</p> <p>What does it take to be part of an award-winning project/team? Hear first-hand from DBIA's 2020 project/team awards winners and awards jury members the magic behind the success. Representatives from three (3) projects (including both the Owner agency and the design-builder) will discuss the aspects of the project's success that drove them to submit it for an award, why the design-build model was beneficial for the team and the project, and lessons learned that others can use to leverage similar success.</p> <p>Sponsored by:</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">  </div>
12:00-1:00 pm	<p>Track 1: Knowledge is Power: A Closer Look at DBIA Resources</p> <p>Design-Build Done Right® involves a broad understanding of various concepts, principles, and relationships. As the nation's only organization focused on understanding and implementing design-build best practices, DBIA has a plethora of resources to help guide your path to exceptional outcomes. Review the many resources available from DBIA, including position statements, Manual of Practice, catalog of educational offerings, and contract documents. All these resources are certain to be invaluable as you embark on your next design-build project.</p>

Water/Wastewater Schedule

12:00-1:00 pm

Track 2: Pass the Off-Ramp to a Successful GMP-Big Creek PDB Project

Fulton County's Big Creek WRF is expanding to a higher capacity and achieving more stringent effluent limits. The County elected to utilize Progressive Design Build to provide a cost-effective expansion and ensure their involvement throughout the design process. Through collaborative pre-construction and design activities, the team developed a plan to meet the County's goals for a facility that provides the best long-term value and achieves a GMP within its planned \$300 million budget. This presentation will provide insights into how collaboration can successfully meet the GMP milestone in a Progressive Design-Build Project.

12:00-1:00 pm

Track 3: Successful Collaborative Procurement and Relationship Building in the Time of COVID

In February 2020, AlexRenew released a Fixed-Price Design-Build RFP to three shortlisted design-build teams to develop detailed technical and price proposals and collaborate with AlexRenew through the remaining procurement process. Intended to occur in a confidential, face-to-face environment, this approach needed to adjust in light of the pandemic. Quick and timely transition to a virtual format was necessary to execute the collaborative process effectively, while continuing to ensure security and confidentiality, communicating technical requirements and innovations, and fostering productive relationships and engagement as one of the Design-Build Teams became AlexRenew's partner to comply with the Commonwealth of Virginia's legislative mandate.

12:00-1:00 pm

Track 4: Utilization of 501(c)(3) Status for Infrastructure Financing

With today's demand for project finance and tight municipal budgets, Owners are turning to creative financing solutions that include 501(c)(3) not-for-profit, tax-exempt options. This option can establish a Special Purpose Project Entity that can be governed jointly by public and private board members, professionally designed, built, and operated by seasoned industry professionals, all while accessing the tax-exempt bond market to reduce the cost of debt with off-balance-sheet financing for governmental entities.

1:00-1:30 pm

Break-Let's Make Magic Show

Let's Make Magic with [Nash Fung](#). Fung can be seen on the CW Network's "Penn & Teller: Fool Us" and The Travel Channel. He'll bring his interactive magic directly to DBIA attendees by using items in your own hands, even though we're separated virtually.

Sponsored by:  **FERGUSON**
WATERWORKS

1:30-2:30 pm

Track 1: Success and Failure on Collaborative Delivery Projects

The presentation will address the outcome of the first phase of WDBC research into the characteristics of collaborative delivery projects that result in success and failure. The paper will present the results of interviews of approximately 24 public sector water and wastewater utilities that are actively using Design-Build and CMAR.

Water/Wastewater Schedule

	Track 2: Multiple Birds with One (Design-Build) Stone: Improving TWO Treatment Trains at Once Virginia American Water's Hopewell WTP, with a capacity of 36 MGD, required multiple process, safety, pumping and electrical upgrades. These needs were packaged into a \$25 million design-build project including UV disinfection with advanced oxidation, reliability and safety improvements, an industrial pump station and associated electrical building, as well as chemical modification including sodium hypochlorite, liquid ammonium sulfate, and lime slurry. This project is a successful testament to design-build delivery with a satisfied owner, an efficient project schedule and a reasonable capital budget.
1:30-2:30 pm	Track 3: A Man, A Plan, A Canal: Bend North interceptor Phase 1 of the Bend North Interceptor project completed 11,250 feet of sanitary sewer and a new pump station at the city's wastewater treatment plant. The project is being delivered using a Progressive Design-Build delivery model. Several interesting challenges have been dealt with that the PDB approach was a critical element to success. These include bypass pumping using a newly built pump station, fast-tracked crossing of an irrigation canal, and challenging permit and easement process. This presentation will discuss the collaboration created by the PDB process and the ability to plan work early in design, leading to project success.
1:30-2:30 pm	Track 4: T&Cs: The Building Blocks of a Successful Design-Build Project In design-build construction and design, professionals must come together in a different contractual arrangement and the complex and critical projects can often create high-pressure situations. The presenters have successfully negotiated teaming agreements and subcontracts for water design-build projects in the mid-Atlantic region. They will explain the perspectives that both construction and design companies bring to these negotiations, what some of the most challenging issues to resolve are and techniques that can be used, such as determining when scoping and management can be used to overcome apparent differences between the legal stances that different firms may have.
2:30-2:45 pm	Break-Yoga & Mindfulness
2:45-3:45 pm	Track 1: MWDBE Engagement in Design-Build Mega Projects: Reconciling Client Goals and Expectations Public sector agencies across the US are embracing alternative delivery to get jobs done quicker and contain costs. MWDBE participation in alternative delivery can present significant challenges. MWDBE goals are increasing; the speed of the engagement is greater than many MWDBE's have experienced. The Biden Administration has signaled it intends to make MWBDE inclusion on federally funded projects a high priority. How do you design a strategy that successfully integrates MWDBE's into your project and delivers the expected goals? How do you accommodate your client's expectations and keep the project on time, safely, and within the budget?

Water/Wastewater Schedule

2:45-3:45 pm	<p>Track 2: Is Design-Build Right for Your Smaller Project?</p> <p>Design-build has become the fastest-growing delivery method in the water/wastewater industry across the nation. Cost certainty and accelerated schedules have encouraged most states to embrace the design-build model. In today's current market, large-scale design-build projects receive most of the headlines, but design-build can be a perfect fit for your small-scale projects. Whether it's a smaller emergency project or an O&M repair, no project is too small for design-build. This case study examines how a project team in St. Joseph, Missouri, maximized efficiency through fixed-price design-build on a \$4.7 million stormwater pump station project, saving 12 months of schedule and \$400,000.</p>
2:45-3:45 pm	<p>Track 3: Progressive Design-Build Partnership During the Pandemic</p> <p>The City of Thornton's new Thornton Water Treatment Plant was constructed using the Progressive Design-Build delivery model. During this panel discussion, we will discuss the benefits our team realized by using this delivery model, which includes risk mitigation and schedule acceleration. We will discuss the value of the partnership between team members, which include the City of Thornton, Garney Construction, Burns and McDonnell, and Carollo Engineers. As a team, we were able to start this new 20MGD plant through the difficulties of the COVID-19 pandemic. The city also benefited by fully engaging the design-build team through plant startup.</p>
2:45-3:45 pm	<p>Track 4: The Current State of Water Infrastructure Pricing & Supply Chain Management</p> <p>With the pandemic, wildfires, and hurricanes, the state of the construction industry was far from predictable. As industries were put on "pause" while trying to calculate what the future would hold, it was quickly apparent that the water had to keep flowing. Project safety costs increased with COVID-19 sanitation and PPE requirements. Some believed that there might be more labor availability because of lay-offs, while some thought costs would sky-rocket with plant shutdowns. This presentation will roll through a timeline of the events in 2020 and their effects on construction quality, schedule, and cost.</p>
3:45-4:45 pm	<p>Visit DBIA's Virtual Expo Hall. Including Tech & Sponsor Demos at 3:55pm and 4:20pm</p>
4:45-5:45 pm	<p>Track 1: Getting Started with Progressive Design-Build: Procurement and Early Team Alignment</p> <p>The Los Angeles Department of Water and Power (LADWP) had to procure and build a \$500M water treatment facility in record time. LADWP knew Progressive Design Build was the answer but didn't have the experience. They faced a challenging environment where internal departments retain independent decision making and typically use a traditional "low bid" approach to construction. This presentation includes a discussion of how LADWP approached the procurement process, Simplar's Expertise-driven Project Delivery method, and team-alignment tools. Attendees will appreciate the presenters' diverse perspectives, including the Owner's procurement lead, a project delivery expert, and the design-builder.</p>

Water/Wastewater Schedule

	Track 2: Design-Build Project Bridging the Park Planning and Wastewater Utility Worlds
4:45-5:45 pm	<p>HRSD, in partnership with the City of Virginia Beach Parks and Recreation, utilized the Design-Build project delivery approach to construct a 5.2-million-gallon off-line storage facility (OLSF) within an existing 13-acre city park. Through a highly collaborative effort, the two owners and multiple design-builders re-imagined Woodstock Park into a multi-use facility that serves the region's municipal wastewater needs and the city's growing recreation needs. During design and throughout construction, the Design-Builder and the Owners continually discussed ways to blend the wastewater infrastructure into the park setting while keeping in mind the Owners' maintenance, operation, and recreation requirements.</p>
4:45-5:45 pm	<p>Track 3: Plan, Procure, Execute: Lessons from the East County Advanced Water Purification Project</p> <p>This session will discuss the East County Advance Water Purification (ECAWP) Project, a collaborative effort among Padre Dam Municipal Water District, Helix Water District, City of El Cajon, and County of San Diego to create a local, sustainable, and drought-tolerant drinking water supply.</p> <p>The ECAWP Project consists of interrelated progressive design-build/transitional operations contracts. Three contracts were signed in 2020, and a fourth procurement is anticipated for mid-2021.</p> <p>This panel discussion involves the ECAWP's administrator and will provide practical advice and lessons learned for public agencies based on the planning and procurement stages of a complex progressive design-build project.</p>
4:45-5:45 pm	<p>Track 4: Over Lawyerizing the Contract: Appropriate Risk Shift in Progressive Design-Build</p> <p>Progressive design-build represents a larger risk shift to the design-builder than other delivery methods. Owners should keep in mind that the goal is to build the project, not shift the maximum amount of risk. This presentation will discuss a framework for Owners to determine how much risk to shift to the design-builder, so the design-builder does not feel the need to hide contingency in work items, resulting in a higher price. The presentation is based on lessons learned as an attorney and project counsel.</p> <p>Risk shifting is not one-size-fits-all, even in the same project.</p>
11:30 am 12:30 pm	<p>Wednesday // April 14th</p> <p>General Session</p> <p>D & I Best Practices: What Works? What Doesn't?</p> <p>Panelists: Brent Darnell, <i>Brent Darnell International</i> Stephanie Roldan, <i>Rosendin Electric, Inc.</i> Catina Anderson, <i>National Custom Corporate Services</i></p> <p>Many people are diving into a deeper understanding of diversity because there is a huge need facilitated by our ongoing workforce development issues and social pressures to implement some sort of strategy. That is the likely reason that most of these initiatives fail or come up short with tangible results. In fact, sometimes there is a backlash, and the initiative does more harm than good. This session explores best practices for advancing diversity, inclusion, and equity, not from anecdotal evidence but empirical research. We will cover the best practice results and practical ways to implement them.</p>

Water/Wastewater Schedule

	Track 1: Taking Water/Wastewater Infrastructure to the Next Level with BIM/VDC
12:30-1:30 pm	The technical complexity of water projects speaks directly to the value that Building Information Modeling (BIM) and technology bring to project teams. The success of design-build depends on the ability of the project team to communicate and collaborate effectively. BIM strengthens the links in the design-build chain, and new BIM technologies and ideas are being developed daily. This session will help place you on the leading edge of using BIM for optimal project success.
12:30-1:30 pm	Track 2: Comox Water Treatment Project-Design-Build Through the COVID-19 Pandemic Stantec and Aecon Water Infrastructure are delivering the Comox Water Treatment Project using a Fixed Price Design-Build contract. Major facilities include a new intake tunnel and marine pipeline, a raw water pump station, a 20 MGD (expandable to 32 MGD) direct filtration plant, clearwell reservoir, and raw water and treated water conveyance pipelines. The project is scheduled to complete by May 2021, within 22 months after the project award and through a global pandemic. An integrated Stantec/Aecon team, with support from the Owner Comox Valley Regional District, is the key driver to make this extreme schedule a reality.
12:30-1:30 pm	Track 3: How Design-Build Delivery Facilitated a Revolutionary Sewer Tunnel Rehabilitation The Colsman Tunnel is a 7600-foot long hard-rock sewage conveyance tunnel operated by the Southgate Sanitation District. The tunnel was constructed in 1977 using hand-tunneling and road header methods and conveys 100 percent of the District's flows with no backup or bypass. Previous assessments and suggested rehabilitation approaches had done little to reduce the District's concerns for this single-point-of-failure facility. Southgate turned to a design-build delivery approach in hopes of creating a collaborative environment capable of producing a cost-effective solution to mitigate the greatest risk in their system.
12:30-1:30 pm	Track 4: Shovel Ready: The Contractors Role in WIFIA Funding Throughout the process of applying for Water Infrastructure Financing and Innovation Act (WIFIA) funding, on-boarding, and collaborating with your contractor-partner can play a key role in developing the LOI, applying for funding, and complying with the requirements of federally funded projects during construction. Project readiness, cost estimating, project scheduling, and risk evaluations reduce financing risk and improve WIFIA scoring-and a contractor-partner on-boarded early in the design process may be the golden ticket. This presentation discusses the beneficial characteristics of collaborative delivery when applying for WIFIA funding.
1:30-2:30 pm	Visit DBIA's Virtual Expo Hall. Including Tech & Sponsor Demos at 1:35 pm and 2:05 pm
2:30-3:30 pm	Track 1: Design-Build for New vs. Retrofitting Water Plants Design-build is gaining traction and becoming an increasingly popular delivery method for water infrastructure projects. Whereas the design-build advantages historically focused on greenfield projects, this delivery method can also be extremely beneficial for existing facilities' retrofits. This presentation will explore the merits of design-build for water treatment plants. It will highlight two Indiana American Water treatment plant projects, one retrofit and one greenfield, that demonstrate the delivery method's advantages and highlight customized approaches to meet the owner and project needs.

Water/Wastewater Schedule

2:30-3:30 pm	<p>Track 2: Proof of the Speed of Design-Build: A Case Study</p> <p>For over 13 years, the town of Port Deposit was in desperate need of a new wastewater treatment plant. There were multiple studies, estimates and at one point a project was designed, went out for bid and came back woefully over budget. Another study and design were completed, and the estimate was nearly double the Owner's budget. Finally, in 2019, Cecil County decided they really needed to get the project moving and decided to issue a solicitation for a lump sum design-build project. After 13 years of no action, an entire plant will be completed in 18 months.</p>
2:30-3:30 pm	<p>Track 3: Upgrade Project Halted Due to COVID-19</p> <p>The state of Pennsylvania took the unprecedented step of ceasing operations of all "non-life sustaining businesses" to stop the spread of COVID-19, putting an immediate halt to work at thousands of construction sites. Gov. Tom Wolf (D-Pa.) announced March 19, 2020, just hours before an 8 pm deadline to close those businesses. The ongoing Penn State University, College Park WRF progressive design-build project was halted within 24 hours and remained on pause for almost 90 days. This presentation will show how PDB allowed impacts to be transparently managed and overcome.</p>
2:30-3:30 pm	<p>Track 4: Facility Capital Modification Financing in a P3 Project</p> <p>The San Diego County Water Authority used a Public-Private Partnership ("PPP") for the implementation of the Carlsbad Desalination Plant ("CDP"). PPP contracts are long-term agreements that must incorporate terms needed to deal with external changes that, due to their nature, are "uncontrollable events. The CDP project faced the need for a "Capital Modification" financing due to the planned closure of the Encina Power Station and the adoption of the California Ocean Plan requirements for additional environmentally friendly intake and discharge facilities. Presentation to discuss key considerations leading to the closing on a second PPP \$45 million Capital Modification financing.</p>
3:30-3:45 pm	<p>Break-Mindfulness for the Highly Stressed</p> <p>Closing General Session Issue Resolution Forum</p> <p>Moderator: Rich Formella, DBIA, PMP, CPPO, <i>Design-Build Strategic Solutions, LLC</i> Panelists: John A. Giachino, DBIA, <i>PC Construction Company (retired)</i> Colin Groff, P.E., <i>City of Boynton Beach</i> Bruce W. Husselbee, P.E., DBIA, <i>Hampton Roads Sanitation</i></p> <p>This interactive session will dig deeper into the reports from the DBIA Owner and Practitioner Forums held earlier in the conference. Not only is the session an exceptional opportunity to learn and exchange ideas, but it puts you in the driver's seat to help determine the future of project delivery in the water/wastewater industry. DBIA will use input from attendees to affect positive change in the industry.</p>

The Best Design-Build Expertise

DBIA is excited to roll out a new virtual exhibit hall experience for the nation's best water and wastewater design-build exhibitors. We know networking can be a challenge in a virtual environment, so we've added many easy-to-use tools to help you connect.

The Design-Build for Water/Wastewater exhibit hall will be the networking hub for attendees. This is where you'll schedule a 1-1 video chat with exhibitors, watch product videos and collect valuable resources needed as you search for qualified design-build team members.

The expo hall is the place to be for design-build teams looking for the expertise you need as you prepare for new opportunities coming in 2021.



CONNECT WITH EXPERTS

- Make Appointments with Exhibitors
- Chat via Video or Online
- Watch & Download Product Videos
- Download Product and Company Information
- Fill Your Virtual Tote Bag with Valuable Resources
- Access our Exhibit Hall for one month

EXHIBIT HALL HOURS

Monday // April 12

4:00 – 5:30 pm

Tuesday // April 13

3:45 – 4:45 pm

Wednesday // April 14

1:30 – 2:30 pm



PRODUCT AND TECH DEMONSTRATIONS

Monday // April 12

4:10 pm and 4:50 pm

Tuesday // April 13

3:55 pm and 4:20 pm

Wednesday // April 14

1:35 pm and 2:05 pm

Exhibit Pricing & Details

DBIA's enhanced exhibitor module will deliver improved access for our exhibitors by working seamlessly with our exhibitor/sponsor service center to manage all your DBIA conference needs.

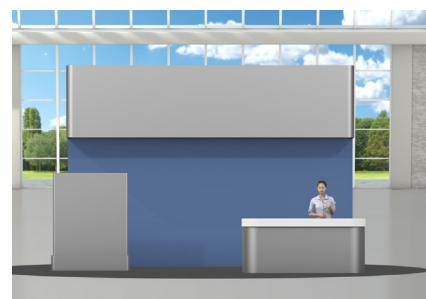
You're in Control: Each exhibitor will have individual control over your virtual exhibit space. Your team will choose and upload your booth's content allowing you maximum customization.

	Standard	Premium	VIP
Virtual Booth	X	X	X
Three (3) Full Conference Registrations	X	X	X
Two (2) Booth Personnel Only	X	X	X
One (1) Video	X	X	X
Three (3) Document Uploads	X	X	X
Video Chat	X	X	X
Standard Chat	X	X	X
Appointment Setting Capability	X	X	X
Mailing List of Conference Registrants (2 pre-conference; 1 post-conference/)	X	X	X
30-Day Post Conference Access	X	X	X
Scavenger Hunt	X	X	X
Booth Visitor Analytics	X	X	X
One (1) Additional Full Conference Reg.		X	
Two (2) Additional Booth Personnel		X	
Two (2) Additional Videos (in video tab)		X	
One (1) Additional Document Upload		X	
Two (2) Additional Full Conference Reg.			X
Four (4) Additional Booth Personnel			X
Four (4) Additional Videos (in video tab)			X
Seven (7) Additional Document Uploads			X

STANDARD BOOTH



PREMIUM BOOTH



VIP BOOTH



A LA CARTE ITEMS (ADDITIONAL COST TO EXHIBITORS AND SPONSORS):

- Additional Document Upload: \$25/each
- Additional Video: \$50/each
- Lead Retrieval: \$250

Sponsor Packages & Details

	Silver <i>All items in Standard Booth Package Plus:</i>	Gold <i>All items in Silver Sponsor Package Plus:</i>	Platinum <i>All items in Gold Sponsor Package Plus:</i>	Diamond <i>All items in Platinum Sponsor Package Plus:</i>
One (1) Additional Full Conference Registrations (4 total)	X	X	X	X
Recognition in Conference Marketing & Website	X	X	X	X
Recognition in Conference Marketing & Website	X	X	X	X
4 Additional Conf. Registrations (8 total)		X	X	X
1 Additional Booth Personnel (3 total)		X	X	X
Exhibit Hall Passport/Prize Aisle		X	X	X
2 Additional Conf. Registrations (10 total)			X	X
1 Additional Booth Personnel (4 total)			X	X
Virtual Event Lobby Marquee Placement			X	X
One item pre-loaded into Swag Bag			X	X
5 Additional Conf. Registrations (15 total)				X
1 Additional Booth Personnel (5 total)				X
Plus, One of the Following Add-ons:				
<ul style="list-style-type: none"> • Yoga Break, 15-mins. (1 available) • Mindfulness Break, 15-mins. (1 available) • Magic Break, 30-mins. (1 available) • Track Sponsor (14 available) 		X		
Plus, One of the Following Add-ons:				
<ul style="list-style-type: none"> • Optional Add-ons under Gold • General Session (3 available) • Sponsor Demos (6 available) • Electronic "Swag Bag" Branding (1) • Daily News Update (3) 			X	
Plus, Two of the Following Add-ons:				
<ul style="list-style-type: none"> • Optional Add-ons Under Platinum • "Powered by" Sponsorship • Opening Keynote 				X

Package Level	Booth Space Included	Member Rate	Non-Member Rate
Exhibitor	Standard/Small Booth	\$4,400	\$4,600
Silver	Standard/Small Booth	\$4,800	\$5,000
Gold	Premium/Medium Booth	\$6,600	\$7,000
Platinum	Premium/Medium Booth	\$8,800	\$9,200
Diamond	VIP/Large Booth	\$15,000	\$16,000



DESIGN-BUILD FOR
WATER/WASTEWATER
CONFERENCE 2021

Virtual // April 12-14, 2021

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Questions?

For the Conference Program // conferences@dbia.org

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