“Design-Build: Growth, Challenge, Opportunity”

April 26-27, 2018
The Whitehall Hotel, 1700 Smith Street, Houston, TX 77002

Hotel Information – For the convenience of conference registrants a block of rooms has been reserved at The Whitehall Hotel, 1700 Smith Street, Houston, TX 77002. To reserve your room, please call the Hotel Reservation Office at (713) 739-8800 and ask for the DBIA Southwest Region group rate of $169 per night (Group Code: DBA). Please make your reservation as soon as possible. The hotel will assign rooms on a space and rate-available basis after April 4, 2018 or once the room block has filled, whichever comes first.

This program is pending approval for 9.75 CEUs towards the DBIA designation program.

Program Agenda

Thursday, April 26, 2018

8:00 a.m. Registration & Continental Breakfast

8:30 a.m. Welcome and Introduction – Michael Stubbs, DBIA – Chair, DBIA-Southwest Region

8:45 a.m. DBIA Southwest Region Leadership, Certification Courses and DBIA National Update
Get the latest updates on design-build from both the National and Southwest Region perspective as leaders discuss the latest news, educational programs, upcoming region and chapter events and more.
Lisa Washington – Executive Director at Design-Build Institute of America
Michael Stubbs, DBIA – Chair, DBIA Southwest Region & President, Stubbs Engineering, Inc.

9:30 a.m. Texas Central Bullet Train: Accelerating the Texas Economy
Texas Central is developing a new, investor-owned high-speed train that will connect North Texas, the Brazos Valley and Houston, using proven, world-class technology. The 90-minute trip will provide a safe, reliable and productive transportation alternative. The company’s market led approach is backed by investors, not government grants, a new business model for infrastructure advances. Texas Central and its affiliated entities will be responsible for the system’s design, finance, construction, operation and maintenance.
Michael J. Moore – Regional Vice President, External Affairs, Texas Central Partners, LLC

10:30 a.m. Break

10:45 a.m. DBIA Student Design-Build Competition Team Presentation
The student competition is an event sponsored by DBIA National. It is a competition created and designed for university students to tackle a real life request for proposal including estimates, schedule, conceptual designs, and logistics. The students are given project information and are then allotted a short time to prepare the bid and presentation materials. The student teams then interview to a panel of judges who make the final award to the winning team. This presentation will be a recap of the students’ Southwest Region winning project and their experiences preparing it for the National competition.
The University of Oklahoma – Finalists from the Southwest Region
11:45 a.m.  **Luncheon Presentation: “Harvey Recovery and Resilience”**
Mr. Costello will discuss the city of Houston's priority initiatives post-Harvey. He will provide updated information on federal, state, and local funding, and discuss Houston's plans to recover and become a more resilient city. His presentation will highlight the work of the city’s Harvey recovery team and the transformative projects needed to reduce structural flooding in Houston.

*Stephen Costello – Chief Resilience Officer, City of Houston*

1:30 p.m.  **BREAKOUT SESSIONS A & B (Choose One)**

**Session A: Houston's NE Water Purification Plant – Managing Design and Transition to Construction on a Mega Design-Build Infrastructure Project**

The Northeast Water Purification Plant Expansion Project, a $1.5 Billion, 320-million gallon per day (MGD) progressive design-build expansion of Houston's Northeast Water Purification Plant and is currently the largest progressive design-build water project in the world. This panel will discuss the current status of the project and the challenges of managing the design effort from conception through the transition into the construction phase followed by a shore question and answer session. The discussion will center around topics including design management, the use of 3-D BIM modeling in the design development, procurement and contractor involvement in the design effort.

*Ravi Kaleyatodi, P.E. – Project Director, City of Houston*
*Randy Rogers, P.E. – Engineering Manager, Houston Waterworks Team*
*Paul Walker, P.E. – Project Manager, Carollo Engineers, Inc.*

**Session B: Design-Build for Renovation? The George Thomas “Mickey” Leland Federal Building**

Not many major buildings are renovated using design-build. However, design-build was chosen as the preferred method of delivery for the renovation of this significant, historic Federal building in downtown Houston. Structural upgrades to meet current code and a complete recladding were important upgrades to the building. Close coordination of existing and modified structural elements and cladding replacement during fast-track design and construction were key to the successful design-build renovation of this important building, and all accomplished while the building was 85% occupied.

*David MacLean – Vice President, McMac Commissioning Services, LLC*
*Jim Penland – Senior Project Executive, Gilbane Building Company*
*Thomas Shelton – Senior Associate, Gensler*
*Yogi Sheth – Vetro Structure, LLC*
*Kendall Waldie – Program and Branch Manager, General Services Administration, Region 7*
*Dennis Wittry – Senior Principal and Regional Director, Structural Engineering, Walter P. Moore & Associates, Inc.*

2:45 p.m.  **Break/Transition**

3:00 p.m.  **BREAKOUT SESSIONS C & D (Choose One)**

**Session C: San Antonio Water System: “Vista Ridge – Mitigating Regulatory Risks Texas Style”**

This presentation will walk through the nuts and bolts and the origin of one of the largest water P3s in the country. It will discuss the need to have long term stability for developed water in areas of tremendous growth. The presentation will discuss the risks associated with developing groundwater and how the private sector was willing and able to assume the risks. The presentation will also walk through challenges faced with this P3 arrangement, how they are being addressed by SAWS and how they might be applicable to other P3s.

*Donovan Burton – Vice President, Water Resources & Governmental Relations, San Antonio Water Systems*

**Session D: Mickey Leland International Terminal Improvements & IAH Terminal Redevelopment Program (ITRP)**

The remodel is a joint project between the Houston Airport System (HAS) and the city of Houston. Construction on the $1.3 billion Mickey Leland International Terminal, which will replace Terminal D, is expected to begin soon.

*Steven Andersen – ITRP Executive Program Manager*

4:00 p.m.  **Break/Transition**
4:15 p.m. **BREAKOUT SESSIONS E & F (Choose One)**

### Session E: SH 288 - Connecting Houston with Toll Lane Expansion: A Public-Private Partnership (P3) Project

The Blueridge Transportation Group (BTG) is under contract to build this 10.3-mile toll road in Harris County, Texas and is responsible for financing, designing, and reconstructing the project along with the operation and maintenance of the corridor for a total of 52 years. The design and construction work is undertaken by a joint venture of construction companies led by Dragados USA and Pulice Construction, together holding 50% and Shikun & Binui America (50%). Stantec is the project’s lead designer.

**Bill A. Amrhein** – Lead Project Bridge Engineer, Stantec

**Javier Murillo** – Project Manager, Transportation, Stantec

---

### Session F: Design/Build for Subsurface Projects

Almost all of the published literature for design/build project procurement is related to above-ground, vertical construction and is radically inappropriate for underground construction. Subsurface conditions play a major role in the design and construction of underground projects which, as a consequence, provide the differing site conditions clause with an outsized impact on the risk profile for each particular project. Dr. Brierley will discuss the steps that are required to prepare a successful design/build contract package for underground projects. Risk allocation profiles will be discussed both for the project Owner and for the Design-Build team.

**Dr. Gary S. Brierley** – President, Doctor Mole Incorporated

---

5:15 p.m. **Southwest Region Networking Reception**

**FRIDAY, APRIL 27, 2018**

7:30 a.m. **Continental Breakfast**

8:00 a.m. **Day 2 Welcome & Announcements**

8:15 a.m. **Keynote Presentation: “Culture is King in Design-Build Effectiveness”**

Culture eats strategy for lunch when it comes to effective integrated design-build practice. The new nature of work requires a pro-active collective effort that enables one-time adversaries to work transparently together. This session will address the barriers and challenges that linger from the deeply embedded segregated services model of project delivery, and how it takes more than technology and integrated forms of agreement to create a culture of trust and effectual integrated solution generation.

**Barbara Jackson**, Ph.D. – Director, Daniels College of Business, University of Denver

9:30 a.m. **Break**

9:45 a.m. **Bridging the Gap from Design to Installation: How Does the Complete Design Get Communicated to the Field?**

We have more design information than ever before, but it does not all get transferred into the field. This is a look at the current technology and software being used to get information to where the work is happening. We will discuss how Drones, Scanning, QR Codes, Electronic Document management, and BIM are currently being used and the potential for future uses.

**Chris Butler** – Senior Project Manager, Jaynes Corporation

**Alex Carrillo** – Project Superintendent, Jaynes Corporation

**Mark Harberts** – Construction Administration Architect, D/P/S

**Nathan Reichert** – Project Engineer, Jaynes Corporation

10:45 a.m. **Break**

11:00 a.m. **DART: “Owner’s Perspective of Design-Build Approach within the Southwest Region”**

This session will cover the public perspective management of planning, procurement and project management of D/B projects from the Owner’s perspective, including activities of planning process, and their components; Procurement acquisition planning and processes; and Project Management of the Design Build activities from the beginning through close-out of the project.

**Timothy H. McKay, P.E.** – Executive Vice President, Dallas Area Rapid Transit (DART)

12:00 p.m. **Conference Wrap-up & Adjourn**

*1:00 – 4:00 p.m. **Southwest Region Board Meeting** (*Board Members Only*)
REGISTRATION & SPONSORSHIP FORM

Mail to: 14th Annual Region Conference
DBIA-Southwest Region
P.O. Box 4646, Austin, TX 78765

Fax to: 512/451-2911
Email: info@dbia-sw.org

Please register me for the conference as follows:

- Advance Registration (due by 5:00 pm April 6th) ................................................................. $425.00
- Advance Registration for DBIA Members (due by 5:00 pm on April 6th) ................................... $375.00
- Owner or Public Entity Registration (Municipality, Government Office, School District) ............ $275.00
- Owner or Public Entity Registration for 3 or more registrants ......................... No. of people ___ x $225.00
- Student Registration (Must Have & Provide Current Student ID) .............................. $25.00
- Late Registration Fee (after 5:00 pm April 6th to 5:00 pm April 20th) ................................. $+50.00
- Walk-In Registration (after 5:00 pm April 20th) ................................................................. $+100.00

Registration Fees help support the DBIA-Southwest Region and include your meal, CEU's, meeting and staffing expenses.

Yes, I would like to be an ANNUAL SPONSOR of the DBIA-Southwest Region:

- Platinum Level Sponsor ........................................................................................................... $5,000
  Annual Conference related benefits include: Sponsor will be provided a table in the foyer for display of company information/promotional literature, a PowerPoint logo slide prior to the Annual Conference, signage for the Networking Reception, and 2 complimentary registrations to the DBIA-SW 14th Annual Conference.

- Gold Level Sponsor ............................................................................................................. $3,500
  Annual Conference related benefits include: Sponsor will be provided a table in the foyer for display of company information/promotional literature, signage for the Networking reception, and 1 complimentary registration to the DBIA-SW 14th Annual Conference.

- Silver Level Sponsor ............................................................................................................. $2,000
  Annual Conference related benefits include: Sponsor will be provided a table in the foyer for display of company information/promotional literature and signage for the Networking Reception.

- Reception Sponsor ............................................................................................................... $750
  Annual Conference related benefits include: Sponsor logo will be provided on signage at the Thursday evening Networking Reception.

(Please Print)

Name: __________________________________________________________
Company: ____________________________________________________________________________________
Address: _____________________________________________________________________________________
City: _____________________________ State: ______________________  Zip: ___________________________
Phone: ___________________________ E-mail: ____________________________________________________

Make check payable to “DBIA-Southwest Region” or Please Charge:  ✔ Visa  ✔ MC  ✔ AmEx

Card No.: ___________________________ Exp. Date: _________________ Sec. Code____________

Billing Address (including zip code) _______________________________________________________________

Name on Card: ___________________________________ Signature: __________________________________

Cancellations & Refunds – Refunds, less a $50 processing fee, will be given to registrants who cancel by 5:00 pm Friday, April 20, 2018. No refunds will be granted thereafter. Course materials will automatically be mailed to prepaid registrants who were not able to attend.