

# DESIGN-BUILD IN TRANSPORTATION PROGRAM SCHEDULE

## WEDNESDAY, APRIL 25

8:00 am – 12:00 pm (4 CEUs)	<b>PRE-CONFERENCE EVENT: TRANSPORTATION OWNERS' INTRO TO DESIGN-BUILD (OWNERS ONLY)</b> <i>Cascade G</i> <b>Diana Hoag, DBIA</b> , Xcel Group <b>Jay J. Hietpas, P.E.</b> , Minnesota Dept. of Transportation		
8:00 am – 3:00 pm	<b>TRANSPORTATION EXHIBIT HALL MOVE IN</b> <i>Solana Ballroom</i>		
10:00 am – 11:30 am	<b>TRANSPORTATION MARKETS COMMITTEE MEETING</b> <i>Cascade D</i>		
11:30 am – 12:30 pm	<b>JOINT NETWORKING LUNCH- with Water/Wasterwater Attendees</b> <i>Media Center</i>		
12:30 pm – 1:30 pm (1 CEU)	<b>OPENING SESSION – AMERICA'S INFRASTRUCTURE CHALLENGE</b> <i>Media Center</i> <b>Bill Owens</b> , Senior Advisor, PCL Construction Enterprises, Inc.		
2:00 pm – 4:30 pm (2.5 CEUs)	<b>OWNERS' OPEN FORUM (Owners only)</b> <i>Cira C</i> <b>Diana Hoag, DBIA</b> , Xcel Group <b>Jay J. Hietpas, P.E.</b> , Minnesota Dept. of Transportation	<b>BEST PRACTICES FOR PRACTITIONERS</b> <i>Cira A</i> <b>Rex Huffman, DBIA</b> , Huffman Consulting, LLC	
4:30 pm – 6:30 pm	<b>WELCOME RECEPTION IN EXHIBIT HALL</b> <i>Solana Ballroom</i> <i>Sponsored By: HCSS; PCL Civil Constructors, Inc.; T.Y. Lin International; Terracon Consultants, Inc</i>		

## THURSDAY, APRIL 26

7:30 am – 8:00 am	<b>CONTINENTAL BREAKFAST</b> <i>Solana Ballroom Foyer</i> <i>Sponsored By: Gannett Fleming, Inc.</i>		
8:00 am – 9:30 am (1.5 CEUs)	<b>OPENING KEYNOTE</b> with Robert Poole, Director of Transportation Policy, Reason Foundation <i>Media Center</i> <i>Sponsored By: AECOM Technical Services, Inc.</i>		

TRACKS:	PUBLIC-PRIVATE PARTNERSHIPS <i>Cira A</i>	BEST PRACTICES <i>Cira B</i>	LESSONS LEARNED <i>Cira C</i>	HIGHWAYS & BRIDGES <i>Aurora ABC</i>
9:45 am – 10:45 am Concurrent Sessions (1 CEU)	<p>RTD FASTRACKS: LESSONS LEARNED IN THE PROCUREMENT OF THE EAGLE PUBLIC-PRIVATE PARTNERSHIP (P3) RAIL PROJECT <b>INTERMEDIATE</b></p> <p><b>Richard Clarke</b>, Regional Transportation District (RTD)</p> <ul style="list-style-type: none"> <li>Essential elements of a P3 rail transit project.</li> <li>Owner organization and management of a P3 project.</li> <li>Key factors in procurement of a major P3 project.</li> <li>Lessons from a P3 procurement.</li> </ul>	<p>DESIGN-BUILD AND PERFORMANCE BASED CONTRACTING IN ONTARIO, CANADA <b>INTERMEDIATE</b></p> <p><b>Jamie Lauzon</b>, Ministry of Transportation, Ontario, Canada</p> <ul style="list-style-type: none"> <li>Overview of Ontario Ministry of Transportation (commonalities and differences from State DOTs)</li> <li>Development of Design-Build Program</li> <li>Lessons Learned/ Keys to Success</li> <li>Use of Performance Specifications</li> </ul>	<p>DESIGN-BUILD PROCESS REVIEW FOR VDOT - TRENDS IN DESIGN-BUILD DELIVERY TO IMPROVE EFFICIENCY AND EFFECTIVENESS <b>ADVANCED</b></p> <p><b>Shailendra Patel, P.E.</b>, Virginia Department of Transportation <b>Sidney Scott, P.E.</b>, Hill International Inc.</p> <ul style="list-style-type: none"> <li>Criteria for Choosing Among Design-Build Award Processes</li> <li>Optimizing Evaluation and Selection Process</li> <li>Internal Staffing and Organization for Design-Build</li> <li>Strategies to reduce cost of Design-Build Delivery</li> </ul>	<p>SR 101 HOV LANES DESIGN-BUILD: DESIGNING AND CONSTRUCTING A 30-MILE FREEWAY WIDENING IN LESS THAN NINE MONTHS <b>INTERMEDIATE</b></p> <p><b>Steve Boschen, P.E.</b>, POINT Engineers <b>Paul Dickman, P.E.</b>, Parsons Transportation Group, Inc. <b>Travis McCarthy, P.E., DBIA</b>, Kiewit/Sundt Joint Venture <b>Allen Mills</b>, Kiewit/Sundt Joint Venture <b>Steve Mishler, P.E.</b>, Arizona Department of Transportation</p> <ul style="list-style-type: none"> <li>Putting aside traditional design and design review processes in order to support the schedule</li> <li>Discussion of specific changes that allowed the team to issue early Release for Construction packages within weeks of the issuing of the Notice to Proceed.</li> <li>The required commitment and flexibility of the design, design oversight and construction to resolve construction issues</li> <li>Identification, development, and implementation of several innovative and cost effective project enhancements</li> </ul>

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11:00 am – 12:00pm Concurrent Sessions (1 CEU)	<b>INTEGRATED DELIVERY OF THE GOLDEN EARS BRIDGE P3 PROJECT</b> <b>ADVANCED</b>  <b>Don Bergman, P.Eng.</b> , Buckland & Taylor Ltd. <b>Joseph Showers, P.E.</b> , CH2M HILL  <ul style="list-style-type: none"> <li>• Delivery of a major bridge project in a PPP environment</li> <li>• The Canadian alternative project delivery process</li> <li>• Managing risk on a PPP project with difficult site conditions</li> <li>• On-shore construction and the global environment</li> </ul>	<b>MANAGING PROJECT EXPECTATIONS FOR SUCCESS IN DESIGN-BUILD PROJECTS</b> <b>INTERMEDIATE</b>  <b>Steven Hague, P.E., S.E.</b> , Burns & McDonnell Engineering Co., Inc.  <ul style="list-style-type: none"> <li>• Design-build projects are not simply “business as usual”; projects delivered faster than before.</li> <li>• Everyone on the team needs to understand the cost and schedule drivers of their partners.</li> <li>• There needs to be a clear definition of deliverables, complete with schedule and exclusions.</li> <li>• All parties must be aware of the implications of changes in the deliverables or schedule</li> </ul>	<b>CENTENNIAL WAY CELEBRATES ARIZONA'S FIRST 100 YEARS</b> <b>INTERMEDIATE</b>  <b>Wylie Bearup, P.E., Ph.D.</b> , City of Phoenix <b>Shane Silsby, P.E.</b> , City of Phoenix <b>Dan Spitzza, P.E.</b> , Achen-Gardner Construction LLC  <ul style="list-style-type: none"> <li>• Use of a 2-Step selection process to define scope and allocate risks</li> <li>• Use of collaboration and design-assist methods to maximize communication, value, and quality</li> <li>• How to balance scope and quality expectations on a fixed budget</li> <li>• How to fast-track design and construction under Federal cultural, environmental, and right of way procurement guidelines</li> </ul>	<b>COLLABORATION AND PARTNERING FOR SUCCESSFUL DELIVERY OF THE DFW CONNECTOR PROJECT</b> <b>INTERMEDIATE</b>  <b>Robert Anderson</b> , NorthGate Constructors <b>Dale Moeller</b> , PB Americas <b>Sam Swan</b> , Texas Department of Transportation  <ul style="list-style-type: none"> <li>• Collaboration and Partnering for issue resolution on a fast paced D-B Project</li> <li>• Integration of the Client, Designer and Contractor</li> <li>• Establishing team roles and responsibilities to expedite project delivery</li> <li>• The right teams make the difference</li> </ul>
12:00 pm – 1:30 pm <b>LUNCH IN THE EXHIBIT HALL</b> <i>Solana Ballroom</i> <i>Sponsored By: Colas Infrastructure; Fluor; HDR; Skanska USA Civil, Inc.; The Louis Berger Group, Inc.; URS Corpotation; Volkert, Inc.</i>				
1:30 pm – 2:45 pm (1.25 CEUs)	<b>GENERAL SESSION: A NEW DAY FOR INNOVATION IN LOUISIANA</b> <i>Media Center</i> <b>Sherri LeBas</b> , Secretary, Louisiana Department of Transportation and Development			
3:00 pm – 4:00 pm Concurrent Sessions (1 CEU)	<b>DESIGN-BUILD IN THE P3 ENVIRONMENT - WHAT ARE THE KEY DIFFERENCES?</b> <b>ADVANCED</b>  <b>Matt Girard, DBIA</b> , Flatiron Constructors, Inc.  <ul style="list-style-type: none"> <li>• Differences between PPP contracting processes (PPP vs. Public Owner)</li> <li>• Contractor considerations to deal with those differences</li> <li>• Sub-contractor considerations to deal with those differences</li> <li>• Designer considerations to deal with those differences</li> </ul>	<b>STRATEGIES FOR REDUCING RISK ON DESIGN-BUILD PUBLIC TRANSIT PROJECTS</b> <b>INTERMEDIATE</b>  <b>Michael Eidlin, Esq.</b> , Gannett Fleming, Inc.  <ul style="list-style-type: none"> <li>• Characteristics unique to public transit projects</li> <li>• Common problem areas associated with public transit projects</li> <li>• Scope development strategies</li> <li>• Strategies to appropriately allocate risk on public transit projects</li> </ul>	<b>DESIGNER'S LESSONS LEARNED AND THE BEST AND FINAL OFFER (BAFO) PROCESS ON THE LONG SHOALS ROAD PROJECT</b> <b>INTERMEDIATE</b>  <b>Thomas Harris, P.E.</b> , CDM Smith  <ul style="list-style-type: none"> <li>• The Best and Final Offer Process as administered by the NCDOT</li> <li>• Advantages of this being a design-build project</li> <li>• Evaluating design options and selling your choices</li> <li>• Designer's Lessons Learned on First Design-Build Project</li> </ul>	<b>FAST 14 I-93 RAPID BRIDGE REPLACEMENT PROJECT</b> <b>INTERMEDIATE</b>  <b>Christine Mizioch</b> , The Metric Group  <ul style="list-style-type: none"> <li>• How MassDOT used innovative contracting and construction to achieve the aggressive schedule</li> <li>• How the use of Incentive/Disincentive clauses of \$7 million dollars affected the project</li> <li>• How DOT actively managed the planning and execution of the project</li> <li>• What lessons were learned to be able to scale the project down to other transportation project</li> </ul>

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4:00 pm – 5:00 pm Concurrent Sessions (1 CEU)	<p>COMPLETION OF A-25 IN QUEBEC <b>ADVANCED</b></p> <p><b>Regine Beauboeuf, P.E.</b>, Parsons <b>Thomas Spoth, P.E.</b>, Parsons</p> <ul style="list-style-type: none"> <li>The key challenges and mitigations put in place to address and meet schedule</li> <li>Examples of collaboration and process changes adopted during the environmental permit process to meet schedule</li> <li>The Design and Construction acceptance process and the collaboration among parties and project organization needed to meet these challenges</li> <li>How constraints and complex project physical conditions can be used to foster team creativity and promote innovations that would otherwise never have been considered. How engineering firms can apply for and win patents for these innovations for future earnings</li> </ul>	<p>DBIA BEST PRACTICES <b>INTERMEDIATE</b></p> <p><b>Rex Huffman, DBIA</b>, Huffman Consulting, LLC</p> <ul style="list-style-type: none"> <li>Discuss the synergistic elements that result in “design-build done right”</li> <li>Learn best practices from both the private and public sector related to successful design-build delivery</li> <li>Understand the key differences in collaboration that distinguish design-build from other delivery methods</li> <li>Discover the value that results from utilizing these best practices on your next project</li> </ul>	<p>MARYLAND STATE HIGHWAY ADMINISTRATION’S STORMWATER MANAGEMENT, DESIGN-BUILD, OPERATE AND MAINTAIN – A PILOT PROGRAM <b>INTERMEDIATE</b></p> <p><b>Lisa Choplin</b>, Maryland State Highway Administration <b>Kenneth Davis, P.E., DBIA</b>, Dewberry</p> <ul style="list-style-type: none"> <li>Overview of the Project.</li> <li>MDSHA’s Decision to use DBOM</li> <li>Project Understanding and Approach</li> <li>Lessons Learned / Benefits</li> </ul>	<p>A COASTAL TREASURE: APPLYING ADVANCED PUBLIC INVOLVEMENT AND INTEGRATED DELIVERY TECHNIQUES TO TRANSFORM INDIAN STREET BRIDGE INTO A MODEL FOR SUCCESS <b>ADVANCED</b></p> <p><b>Kimberly Holland, P.E., CFM, LEED® AP</b>, Reynolds, Smith and Hills, Inc. (RS&amp;H) <b>G. Ben Lehr, P.E., LEED® AP</b>, Reynolds, Smith and Hills, Inc. (RS&amp;H) <b>Brian Sparks</b>, Archer Western Contractors, Ltd.</p> <ul style="list-style-type: none"> <li>Understanding the potential legal challenges that can arise during design-build projects and best practices for addressing those issues</li> <li>Advanced public involvement strategies, including the use of new technology, for building stakeholder consensus early in the design-build process.</li> <li>Identifying construction methods for protecting environmentally sensitive corridors and improving coordination with permitting agencies Best practices for building strong team partnerships</li> </ul>
5:00 pm – 7:00 pm	<p><b>NETWORKING RECEPTION WITH EXHIBITORS</b> <i>Solana Ballroom</i> Sponsored By: Ames Construction, Inc.; Ben C. Gerwick, Inc.; Buckland &amp; Taylor Ltd.; FORTA Corporation; Fugro Consultants; Granite Construction; Michael Baker Jr., Inc.; Overland, Pacific &amp; Cutler, Inc.; Samsung C&amp;T; E&amp;X Americas, Inc.</p>			
7:00 pm – 9:00 pm	<p><b>EXHIBIT HALL MOVE OUT</b> <i>Solana Ballroom</i></p>			

**FRIDAY, APRIL 27**

7:30 am – 8:00 am	<p><b>CONTINENTAL BREAKFAST</b> <i>Solana Ballroom Foyer</i> Sponsored By: Gannett Fleming, Inc.</p>			
8:00 am – 9:00 am (1 CEU)	<p><b>LESSONS LEARNED FORUM</b> <i>Media Center</i> <b>Evan Caplicki, Esq.</b>, Nossaman LLP <b>Greg Milakovic, P.E., DBIA</b>, Gannett Fleming <b>Steve Shive, P.E.</b>, Kiewit <b>Shannon Sweitzer, P.E.</b>, North Carolina Turnpike Authority</p>			

**Don't miss the 2012 Transportation Leadership and Owner of the Year Awards Presentations**  
**Thursday, April 26 at 1:30 pm**

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9:15 am – 10:45 am Concurrent Sessions (1.5 CEUs)	<p>P3 “201” — MOVING BEYOND THE BASICS OF PUBLIC-PRIVATE PARTNERSHIPS <b>INTERMEDIATE</b></p> <p><b>Corey Boock, Esq.</b>, Nossaman, LLP <b>Liam Kelly, Esq.</b>, KPMG LLP</p> <ul style="list-style-type: none"> <li>• Different types of P3s in the marketplace, their attributes, similarities and differences</li> <li>• How design-build fits into the P3 model</li> <li>• New players in the projects (lenders, equity, O&amp;M providers, financial advisers)</li> <li>• Lessons learned and specific issues from the 1st generation of transportation P3</li> </ul>	<p>A RISK-BASED ALTERNATIVE DELIVERY SELECTION PROCESS: THE COLORADO EXPERIENCE <b>ADVANCED</b></p> <p><b>Nabil Haddad, P.E.</b>, Colorado Department of Transportation <b>Keith Molenaar, Ph.D.</b>, DBIA, University of Colorado Boulder <b>Mark Scholfield, P.E.</b>, Wilson &amp; Company, Inc.,</p> <ul style="list-style-type: none"> <li>• Summarize the steps in selecting an alternative delivery method for highway construction</li> <li>• List the key points of risk that influence a selection</li> <li>• Describe how risk allocation decisions are made early in the project delivery process</li> <li>• Describe a process to document and justify an alternative project delivery method selection</li> </ul>	<p>SILICON VALLEY BERRYESSA EXTENSION – IMPLEMENTING “BART TO SAN JOSE” UTILIZING DESIGN-BUILD <b>INTERMEDIATE</b></p> <p><b>Carolyn Gonot</b>, Santa Clara Valley Transportation Authority <b>Michael Lehnen, P.E., Assoc.</b>, DBIA, Hatch Mott MacDonald <b>Chris Metzger, P.E., LEED AP</b>, Hatch Mott MacDonald <b>Nancy Smith, Esq.</b>, Nossaman LLP</p> <ul style="list-style-type: none"> <li>• Unique considerations for the situation in which one agency will be building an extension to another agency’s transit system in a Design/Build setting</li> <li>• Approaches to, and considerations for, development of DB contract documents after design has progressed well beyond that typical for Design/Build</li> <li>• Addressing 3rd party requests and requirements in a complex Design/Build setting</li> <li>• Commercial contract considerations and how their intended purpose played out during proposal evaluation and contract award</li> </ul>	<p>SR 520 EASTSIDE TRANSIT &amp; HOV PROJECT <b>INTERMEDIATE</b></p> <p><b>Daniel Babuca, P.E.</b>, Washington State Department of Transportation <b>Gordon MacDonald, P.E.</b>, Parametrix</p> <ul style="list-style-type: none"> <li>• The \$4.65B SR 520 Floating Bridge Replacement and HOV Program is broad and complex. The Eastside Transit &amp; HOV Project is one of three design-build contracts within the program.</li> <li>• There are pros and cons of involving third-party local agencies and their involvement can have an impact on the project after award.</li> <li>• The SR 520 Floating Bridge Replacement Program uses an effective process to develop DB procurement packages. The process relies on the lessons learned from the earlier projects.</li> <li>• A few of the specific examples of lessons learned in the DB procurement process are performance vs. prescriptive contract language, contract documents vs. reference documents, and the pros and cons of involving third-party local agencies.</li> </ul>
11:00 am – 12:15pm (1.25 CEUs)	<p><b>CLOSING GENERAL SESSION – DESIGN-BUILD IN CALIFORNIA: WHAT’S NEXT</b> <i>Media Center</i></p> <p><b>Kristina Assouri, LL.M.</b>, California Department of Transportation <b>K.N. Murthy</b>, Los Angeles Metro <b>Maj. Gen. Hans Van Winkle (Ret.)</b>, Parsons Brinckerhoff</p>			

## UPCOMING DBIA EVENTS!

### 2012 NATIONAL DESIGN-BUILD AWARDS COMPETITION

Nomination Deadline: May 14, 2012

### 2012 FEDERAL SECTOR CONFERENCE

Crystal Gateway Marriott    Arlington, VA    Aug. 21-23, 2012

### 2012 DESIGN-BUILD CONFERENCE & EXPO

Ernest N. Morial Convention Center    New Orleans, LA    Nov. 7-9, 2012

### 2013 DESIGN-BUILD IN TRANSPORTATION CONFERENCE

Hilton Walt Disney World    Orlando, FL    March 18-20, 2013

### 2013 DESIGN-BUILD FOR WATER/WASTEWATER CONFERENCE

Hilton Walt Disney World    Orlando, FL    March 20-22, 2013

*For more information, visit [www.dbia.org](http://www.dbia.org)*