

## **Panel Discussion: Building Information Modeling (BIM) Benefits & Risks**

Bios for our Panel presenters:

### **Anthony (Tony) Polusny**, P.E. SECB Principal

As principal of the firm, Tony manages MBJ's office in Phoenix. In addition to leading engineering projects, he is responsible for client development and educational outreach. He has practiced structural engineering utilizing a broad range of structural systems while specializing in post-tensioned and mile-reinforced concrete structures. As team leader, he determines design direction while focusing on project economics, creative solutions and optimal scheduling. His experience with alternate deliver methods includes design build, as well as simultaneous delivery of one project to more than one contractor. A certified AIA/CES provider, he frequently presents informational and educational seminars to architectural clients

### **Robert Grosz**, P.E., Tpac, A Division of Kiewit Western

Robert is currently Engineering Manager at Tpac and has been with the company for 10 years. Robert has been in the Precast industry for 14 years, previously in North Dakota. He graduated from North Dakota State with a B.S. in Civil Engineering and is a registered P.E. in Arizona. Tpac utilizes StructureWorks (using SolidWorks modeling engine), which is exported to AutoCAD 3D or Navisworks, which can be opened in Revit. *More details on this software program will be discussed on the panel.*

### **Andy Hill**, DPR Construction

DPR exists to build great things—great relationships, great projects and great teams. With Ever Forward being a fundamental core value at DPR, everyone is encouraged to challenge the “status quo” and look for better more efficient ways of “getting it done”. As part of the Phoenix preconstruction team, Andy Hill, has helped to improve the macro BIM estimating effort with the use of DProfiler. DProfiler enhances macro estimating accuracy and response time to program changes by linking an estimate to a 3d model. Any changes made to the model are quickly reflected throughout the budget. With more than 14 years of experience, Hill has experience managing projects from the initial cost model stage through final completion.