



# MISSOURI PUBLIC WATER COUNCIL

October 17, 2018

## Missouri Public Water Council Presents:

### Design-Build Workshop

**Baked Goods and Coffee Provided by HDR, Inc.**

**10:00 to 11:00 - Burns & McDonnell, John Mitchell**

John Mitchell will provide a robust discussion on the benefits of design-build. Design-build is a project delivery approach that integrates design and construction. This approach creates a single point of accountability, reduces schedule and cost and produces higher-quality results. Another benefit to design-build is that it facilitates collaboration among the project's stakeholders to turn the owner's vision into reality.

**11:00 to 11:30 - Mayor of Harrisonville, Brian Hasek**

Listen to the lessons learned from the City of Harrisonville on their recent design-build project. The City was in need of a quick solution after one of their aerobic digesters failed. The design build approach was a great solution to repair and optimize their existing tank all while saving time and money.

**11:30 to 12:00 - Missouri Department of Natural Resources, Hannah Humphrey**

The Department of Natural Resources understands the need for streamlined processes that are able to increase the quality of the project while creating efficiencies with limited resources. Director Hannah Humphrey of the Water Protection Program's Financial Assistance Center will provide information on the Department's position on applying the design-build approach to project financed through the Clean Water and Drinking Water State Revolving Funds.

**12:00 to 1:00 – Lunch – Provided by Burns & McDonnell**

### **1:00 to 2:00 – HDR, Inc., Norm Gadzinski and Stan Christopher**

Norm Gadzinski and Stan Christopher will discuss the rise of alternative and collaborative delivery models for the completion of public sector projects across the country and specifically in Missouri. The history and the future projections of design-build projects will be discussed along with the key drivers of why municipalities are considering collaborative delivery methods instead of traditional design, bid, and build methods of construction of their public facilities.

The most popular collaborative delivery models, Fixed Price Design-Build, Progressive Design-Build, and Construction Manager-at-Risk will be compared, including pros and cons of each. This discussion will lead to the models that are available to Missouri municipalities and utility districts.

Finally, a discussion will be held about the advantages and disadvantages of using an Owner's Representative as an extension of a public agency's staff during a Collaborative Delivery Project.

### **2:00 to 3:00 - City of Jackson, George Harris**

The City of Jackson is pursuing the design and construction of a new police station through utilization of the design-build procurement method. The project is being accomplished under the terms of Missouri statute (RSMo 67.5060.) on design-build. George will give an overview of the design-build process (primarily the procurement process) with primary emphasis on the commitments an Owner should make (using Jackson as an example) to assure a successful project. George will use some comparisons with the Design-Bid-Build approach to highlight how design-build differs and point out potential advantages of the design-build approach, through procurement and construction. Additionally, he will discuss compliance with the general requirements of the statute and give some reference to guidance materials available through the Design Build Institute of America.

**Thank you to our Workshop Sponsors:**

