Progressive Design-Build for the Wichita Northwest Water Facility

The City of Wichita provides water for nearly 500,000 customers, 1 out of every 6 Kansas residents. Aging infrastructure has necessitated the design and construction of a new 120 MGD firm capacity water treatment facility, the Northwest Water Facility (NWWF). The facility will be the second largest water treatment project in the country during construction and Wichita's largest ever capital project. The City has chosen to use the progressive design-build delivery method and will fund the project through Kansas State Revolving Loan Fund (SRF) and a federal, low-interest loan through the Water Infrastructure Finance and Innovation Act (WIFIA). This presentation will discuss the technical aspects of the project (such as treatment techniques and challenges), the progressive design-build project delivery method, and the financing of the project.



