

U.S. Highway 69 Bridge Over Jersey Creek Kansas City, Kansas

**Principal-In-Charge:
Hagos Andebrhan, PE**

**Project Manager:
Burrel Boley, PE**

**Construction Cost:
\$400,000**

**Delivery Date:
1990**



Kansas Department of Transportation's (KDOT's) U.S. 69 Bridge over Jersey Creek project originally called for replacing the existing structure completely. After researching various alternatives, Taliaferro & Browne recommended a double box culvert design that ultimately saved 43 percent of the estimated construction costs.

Taliaferro & Browne's recommendation that the U.S. 69 Bridge could be replaced with a double box culvert offered both construction and future maintenance cost savings for KDOT. After performing a hydraulic analysis of the stream, we determined that the double box culvert could be constructed inside of the existing bridge abutments, which resulted in construction cost savings in demolition and forming.

Taliaferro & Browne's services included surveying as well as civil and structural engineering.

**Client:
Kansas Department
of Transportation**

TB Taliaferro & Browne, Inc.
Engineering - Landscape Architecture - Surveying

818 Grand Boulevard, Suite 1000
Kansas City, MO 64106
www.tb-engr.com