



RIC teamed with Water Resources Solutions to provide stream assessment, bank stabilization, and replacement of a low water crossing within the Kansas City, Missouri Parks and Recreation Buckeye Creek Greenway. RIC is responsible for survey, one dimensional hydraulic modeling, conceptual and final designs.

### Project Highlights

#### Key Team Members & Roles:

Bill Yord, Project Manager  
Vincent Zink, Project Engineer  
Charlie Oppliger, Design Engineer

#### Period of Service:

2015-2016

#### Design Cost:

\$105,000

#### Client:

Erica Flad, Project Manager  
Park Planning and Design  
4600 E. 63<sup>rd</sup> Street  
Kansas City, Missouri 64130  
(816) 513-7780

RIC's surveyors and engineers provided topographic and boundary surveys, legal descriptions, HEC-RAS modeling, site grading and drainage design, bridge design, and utility coordination. Coordination is taking place with KC Parks and Recreation and KC Water Services in order to maintain the accelerated project schedule desired by the parks department. RIC is also assisting Parks in pursuing additional project funding. The project includes overall stream assessment within the Greenway, removal of an existing low water crossing, design of an ambulance load-rated pedestrian bridge to replace the low water crossing, and bank stabilization throughout the project area. Bank stabilization work includes correcting the undermining of an existing road that serves the Greenway and prevention of a cutoff at a meander bend that is in danger of occurring which would form an oxbow and bypass and existing pedestrian bridge that serves an adjacent neighborhood.