

SMALL BRIDGE DESIGN

CAPE GIRARDEAU, STATE

Year: 2022

Client: City of Cape Girardeau

Project Manager: Tiffaney Danz

Supervisor: Raymond H. Frankenberg

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As a component of a larger project along N. Main St. in Cape Girardeau, MO, BFA worked with Wideman Engineering, LLC for the structural engineering and SCI for geotechnical services for a small Bridge over and unnamed tributary of the Mississippi River. The design included the removal and replacement of a 36" pipe, additional walking spaces on both the East and West side for proposed future sidewalks, chain-link fences on the top of each wall on the East and West side for pedestrian safety, and regrading along the banks. These improvements are covered under a Nationwide Permit 3 for Maintenance, therefore no additional permits were obtained.

Geotechnical Services

Quoted: \$7,900

Billed: \$7,900

This included a Soils report and Pavement Addendum.

Structural Engineering

Quoted: \$675

Billed: \$675

This included a report detailing structural calculations and design Details.

