

Bridge Design



Past Record of Performance

Multiple design projects for span bridges and box culverts.

Allgeier Martin engineers serve a variety of clients to meet bridge design needs.

Clientele

- Cities
- Counties
- Native American Tribes

Project Disciplines

- Concrete Haunch Slab Bridge
- Concrete or Steel I-Girder Bridge
- Concrete Box Culvert
- AASHTO standards

Key Bridge Design Projects

Schifferdecker Ave. Bridge Replacement

Joplin, MO

- 283 Feet of Bridge Deck
- 2,174 Feet Total Project
- Bridge Superstructure Prestressed Concrete I-Girder Spans
- \$2,458,000 Construction

Jackson Ave. Bridge Replacement

Newton County, MO

- 440 Feet of Bridge Deck
- 622 Feet Total Project
- Bridge Superstructure Prestressed Concrete NU35 Girder Spans
- \$2,047,500 Construction

7th Street Bridge Replacement

Cassville, MO

- Triple 15-foot span box culvert
- Hydraulic Modeling/Water Surface Elevation - HEC-RAS, One Dimensional Technique
- \$200,000 Engineer's Estimate for Construction

Bridge & Culvert Replacements Program

Jasper County, MO

- Over 40 County Bridges and Culverts Replaced 2016-2018

Route 66 Bridge Replacement

Jasper County, MO

- Design for replacement bridge incorporated aesthetics of the old Rt. 66 bridge for historic preservation.
- 16' X 16' X 16' cast-in-place slab deck, concrete baluster railing
- Recognized in 2016 by the Joplin Trails Coalition and Jasper County for its aesthetic details, original to the era and Route 66.
- \$462,620 Construction



ALLGEIER, MARTIN and ASSOCIATES, INC.
Consulting Engineers