

MEIER ROAD BRIDGE 2580019 OVER BOB'S CREEK

LINCOLN COUNTY, MO



PROJECT DESCRIPTION

McClure provided survey, permitting, geotechnical investigation and design, preliminary, and final design services for the replacement of Bridge No. 2580019 on Meier Road using the BRO program to obtain Soft-Match Credit. The existing structure was a single-span steel girder bridge, with a concrete deck, and needed replacement due to roadway and structural deficiencies. The final design included a W33 x 118 Steel Girder Superstructure with concrete deck on integral concrete abutments. The bridge was laid out with a 10 degree skew and a running grade of 2.88%. The roadway design included modified bridge approach slabs, a 9-inch asphalt pavement section, and a curved alignment approaching on one side. The structure's new alignment and greater width will accommodate for larger local and agricultural vehicular traffic.

COMPLETION DATE

September 2020

REFERENCE

Joe Kaimann

Presiding Commissioner of Lincoln County

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