This bridge is located on State Highway 59 in Crawford County over Lee Creek. M. E. Gillioz Company of Monette, Missouri, built the two-span, steel, Pennsylvania (variant) through truss in 1934. The bridge span lengths total 280 feet, and a width of 22 feet.

The Lee(s) Creek Bridge was listed in the National Register of Historic Places in 1990. This Pennsylvania variant through truss design is not found in any other bridge still in service in the state.