

Route 79 Bridges over Sandy Creek And Lost Creek



Route 79 Historic Bridge K0340 over Sandy Creek

Built in 1938, Bridge K0340 carrying Route 79 over Sandy Creek is a heavily skewed, steel six-panel Pratt through truss with two steel girder approach spans. The substructure consists of reinforced concrete abutments, wingwalls, and dumbbell piers. It measures 226 feet in total length with a roadway width of 24 feet curb-to-curb. Records indicate it is the most heavily skewed bridge of this particular type remaining in the state, with a right-forward skew of nearly 49 degrees. Skewed crossing structures traditionally present special fabrication and erection problems, and require a higher level of design and engineering for bridges at special crossing sites. In 1994, Fraser's Missouri Historic Bridge Inventory survey determined bridge K0340 to be ineligible for the National Register of Historic Places (NRHP) as a standard example of Missouri State Highway Department truss design in the 1930s, and regarded it to be only slightly noteworthy for its skewed configuration. However, today it is considered highly noteworthy as probably the best remaining example of this subtype in the state. It is considered to be eligible for the NRHP under Criteria C in the Area of Engineering.

Replacement of this structure with a new bridge is considered to be an adverse effect to the historic structure. Bridge K0340 has been advertised as available for adaptive reuse at a new location, and will be documented with archival photographs and historic narrative, which will be placed in the James C. Kirkpatrick State information center in Jefferson City.



Route 79 Bridge K0334 over Lost Creek →

Built in 1938, Bridge K0334 carrying Route 79 over Lost Creek is a steel, 6-panel, rigid-connected Pratt through truss with a steel-reinforced concrete substructure and deck. It measures 115 feet in length with a roadway width of 24 feet curb-to-curb. Fraser's 1994 Missouri Historic Bridge Inventory survey evaluated it to be ineligible for the National Register of Historic Places. Replacement of this structure with a new bridge will not affect an historic property.

