



PROJECT BRIEF

Burlington Street Bridge Replacement Bat and Mussel Assessment

Iowa City, Iowa plans to replace the Burlington Street / IA-1 bridge over the Iowa River. The bridge crossing is within the range of several federal and state-listed species, including the federally endangered Indiana Bat (*Myotis sodalis*) and Higgins' Eye mussel (*Lampsilis higginsii*). BioSurvey Group conducted a bat habitat and bridge assessment along with a qualitative and quantitative freshwater mussel survey to support the environmental permitting process. Potential roost trees were mapped and no evidence of bat occupation was found on the bridge. A total of 230 individual mussels of 12 species were located using scientific diving methods. No T&E mussel species were collected live, but evidence of a state-listed species was observed. Future services will include a freshwater mussel salvage and relocation.



Year: 2024

Dates: Oct. 22 - 25

Value: \$55K

Iowa River, Johnson County, IA