



Project: Brandewie “Zenas King” Bridge, Relocation to Sydney, Ohio

Project Completed: September 2020

Overview: Disassembly, full in-kind restoration, and relocation/reassembly of this abandoned bridge which had been damaged by floods. The bridge is a 68 foot cast and wrought iron bowstring pony truss highway bridge built ca. 1875. The bridge relocation is to a park for pedestrian use. Iron/Steel work: Bach Steel was responsible for repair of existing wrought iron, repair and replication of cast iron connection blocks, riveting of replacement/replicated sections, heat straightening of bent members. Bach Steel was also responsible for disassembly and reassembly of truss.



Bridge Prior To Start of Project



Bridge Prior To Start of Project



Picking the bowstring.



Picking the bowstring.



Disassembly.



Disassembly



Bridge Arrives at Bach Steel Shop



Restoration of bridge in shop.



Restoration of bridge in shop.



Bridge parts after painting.



Restored trusses being loaded for shipping.



Bridge assembly.



Bridge assembly.



Bridge assembly.



Bridge assembly.



Completed bridge.



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