## Preservation and Perseverance: Saving the McIntyre Bridge

Vern Mesler 10/14/2010



November 8 2009 Vern Mesler, at the request of Julie Bowers, Chairperson of the newly organized Friends of the Skunk River Bridge inspects the McIntyre Bridge (previously known as the McDowell Bridge), along with Nathan Holth.



November 8, 2009 Vern Mesler and Nathan Holth photograph the unique wrought iron and cast iron structural members of the bridge. Notice the mill mark "Union Iron Company Buffalo NY"



November 8, 2009 A key feature: the "star" vertical, no longer milled today.



June 29-30, 2010 Montezuma, Iowa, Historic Metals Preservation Workshop



Julie Bowers, Executive Director of the N. Skunk River Greenbelt Association (NSRGA), learns from Jeff Haynes, adjunct welding instructor at Lansing Community College, and Vern Mesler, VJM Metal Craftsman, LLC, at the second day of the preservation workshop.



June 30, 2010 Tim Weitzel, Julie Bowers, Vern Mesler, Jeff Haynes, Jack Porter, and Nan Jackson visit the McIntyre Bridge at the end of the preservation workshop.



"It is with the utmost sadness that I write to tell you that our Skunk River Bridge (McDowell) was swept off its piers sometime in the last few days during the flooding in Iowa. She stood 127 years. RIP" Julie Bowers, August 10, 2010



September 27, 2010 Nels Raynor (BACH Ornamental & Structural Steel from Holt, Michigan) begins dismantling the top chord section of the McIntyre Bridge



September 30, 2010 McIntyre Bridge rare wrought iron structural members are removed from a twisted mass of tree branches.



September 30, 2010 Shane Milliken (working with Nels Raynor) dismantles a top chord section of the McIntyre Bridge



October 10, 2010 sections of the McIntyre Bridge in storage at BACH Ornamental & Structural Steel in Holt Michigan ready for the process of restoration. As a first step, a set of drawings will be produced for structural analysis.



October 10, 2010 Vern Mesler and Nels Raynor inspect rivets and bolts used in the connection plates during the erection of the McIntyre Bridge.

Photos by: Julie Bowers, Christopher Gannon, Nathan Holth, Nan Jackson, Vern Mesler, Shane Milliken