



Work Specialty: In-Kind Restoration: Rivet Removal, Hot Riveting, and Pack Rust Removal.

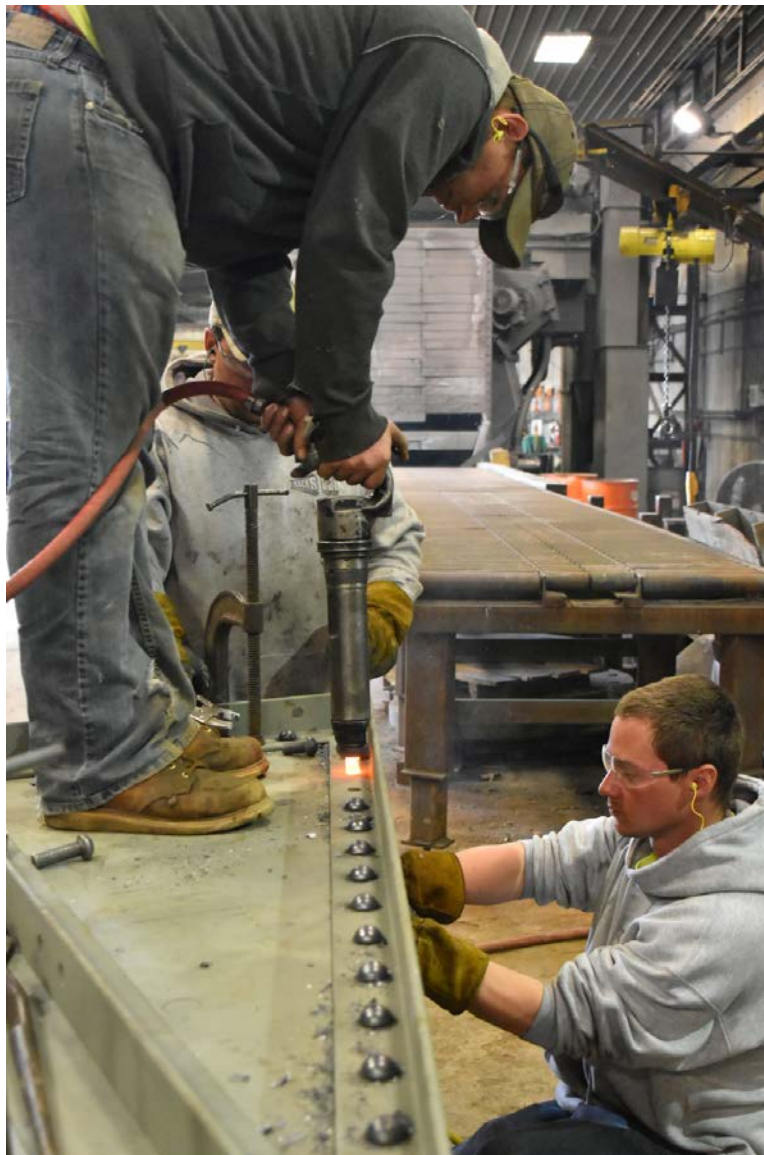
Photos In This Gallery Show Work Completed After 2014

Overview: Hot Riveting, Pneumatic Removal of Pack Rust, and Non-Destructive Removal of Rivets: These are all essential techniques (which few companies specialize in) which are used routinely at Bach Steel to complete repairs and restoration of metal bridges and structures, many of which are historic.

- **Rivet Removal:** This seemingly simple process should only be performed by an experienced company, to avoid needless damage to the parent metal. This is especially true when torches are used to “wash” off the head of the rivet.
- **Hot Riveting:** Bach Steel is one of the very few companies that perform this type of work. Hot rivets look nicer than bolts visually (with their simple, attractive round heads which add a pleasing texture), and they are historically accurate for preservation projects.
- **Pneumatic Removal of Pack Rust:** Pack rust is destructive development of rust which forms between two plates. The force of the rust pushes the plates apart. With careful, controlled heating, following by a pneumatic hammering process, not only can the pack rust be driven out, but the plates can be brought back together.



Hot riveting.



Hot riveting.



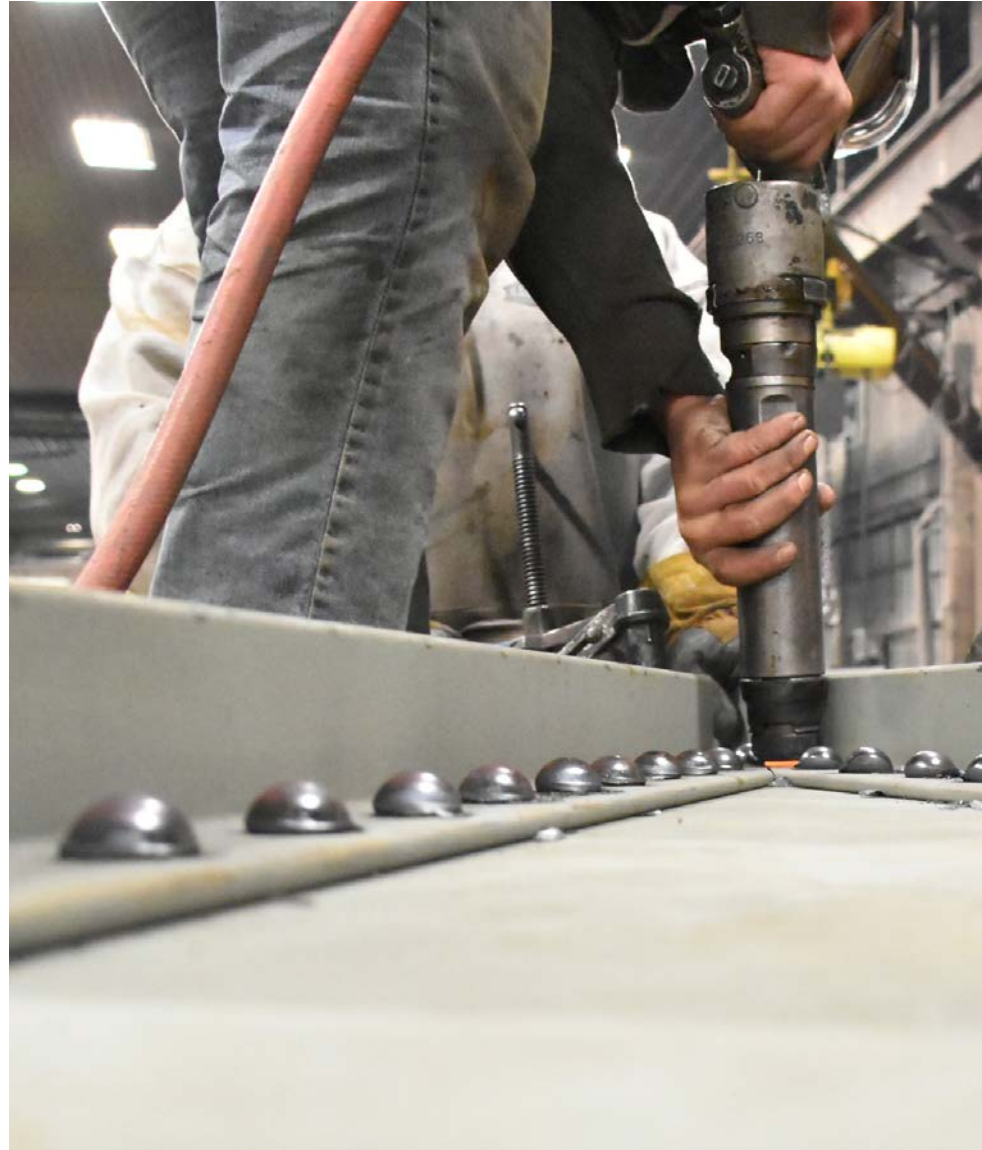
Hot riveting.



Hot riveting.



BRG_8174



Hot riveting.



Hot riveting.



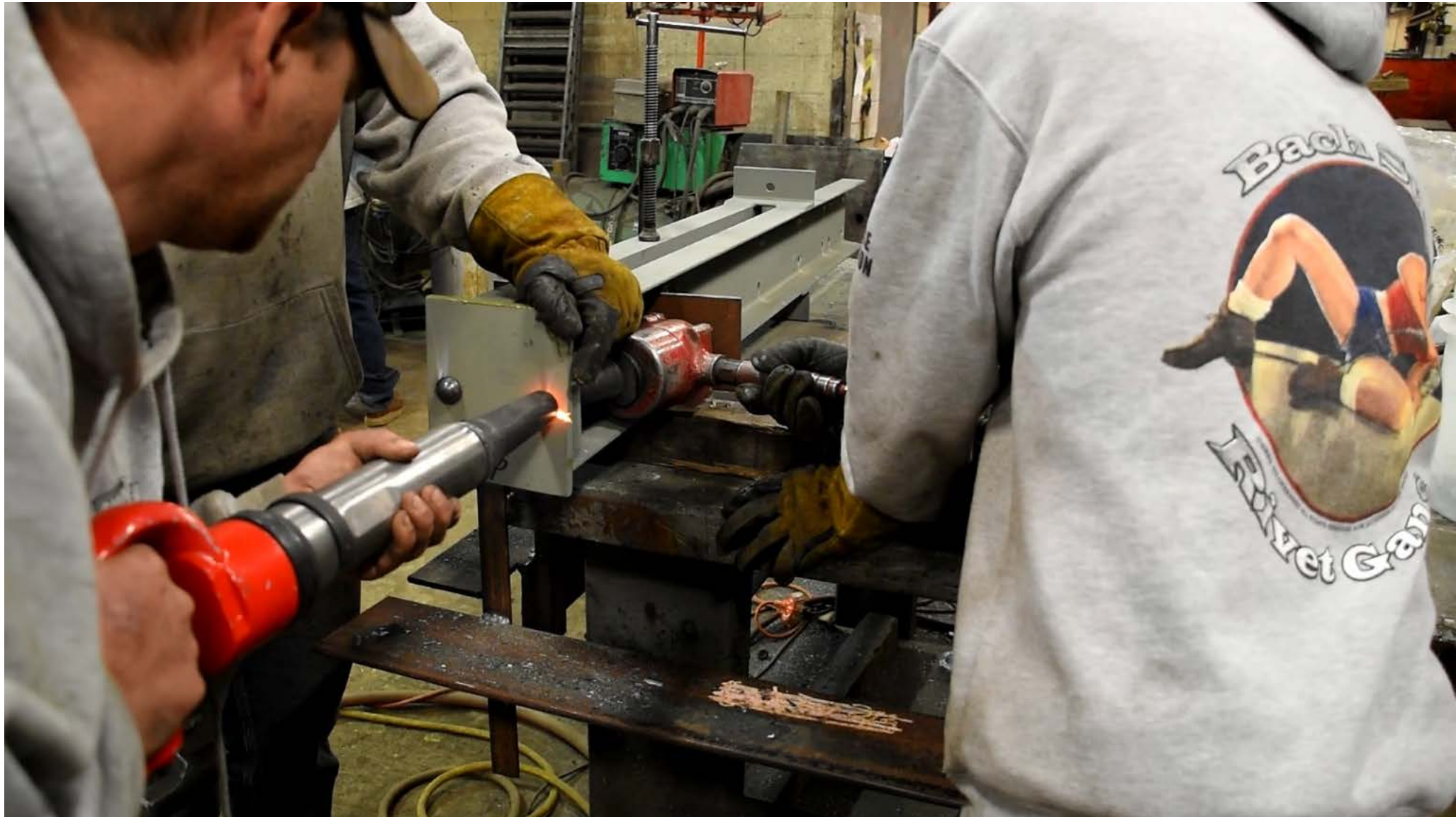
Hot riveting.



Hot riveting.



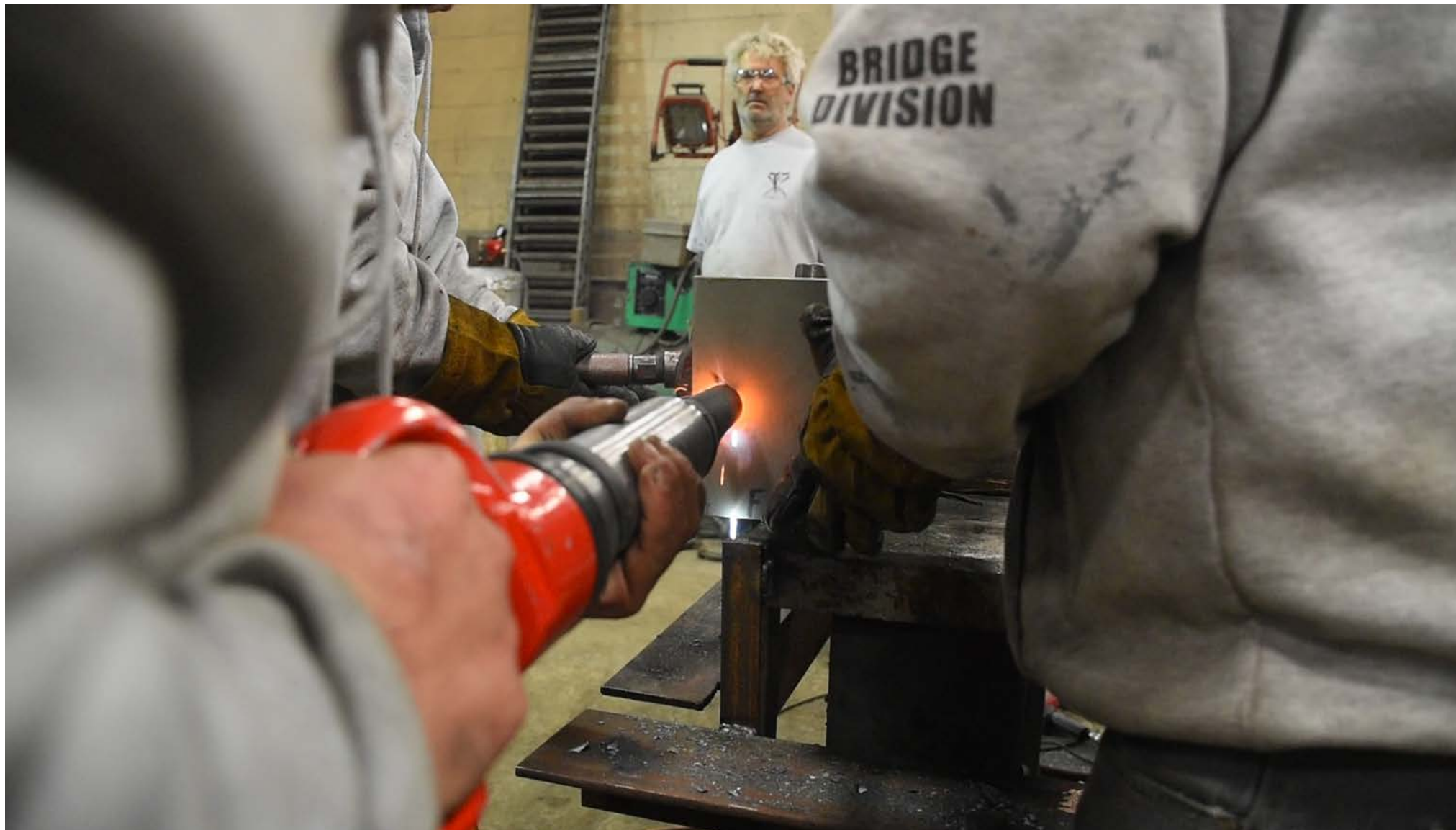
Hot riveting.



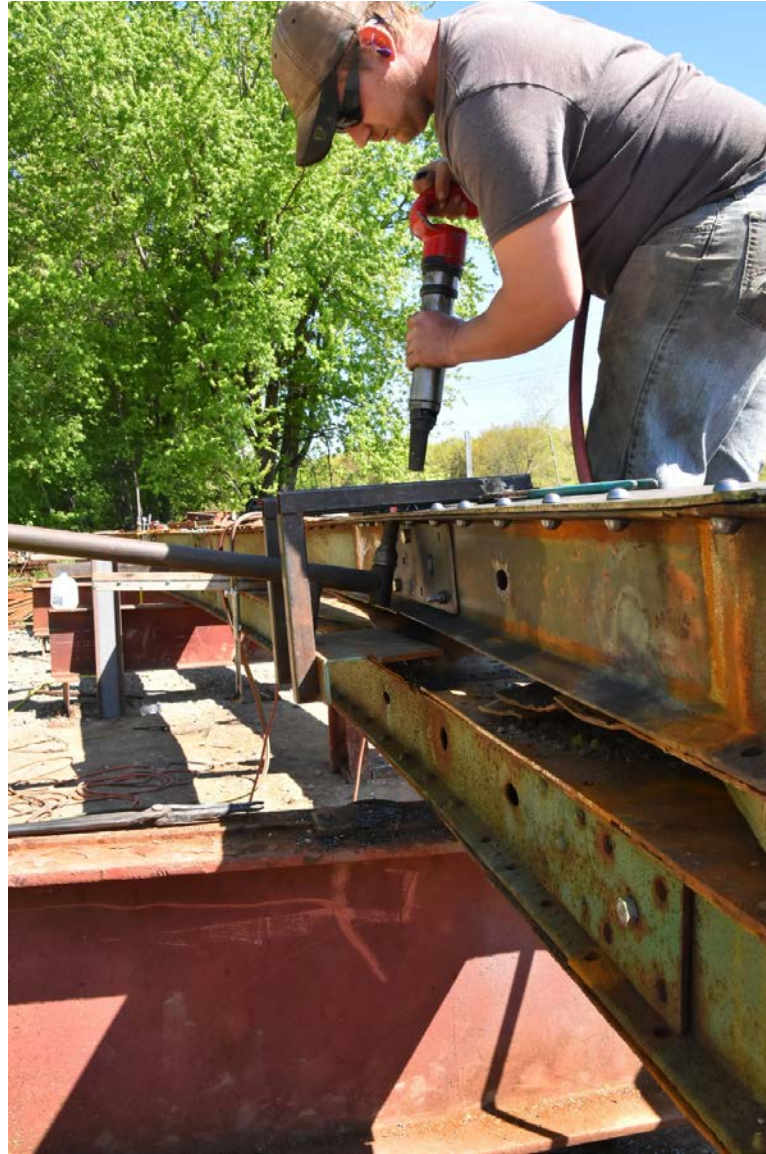
Drive Beside Hot riveting. _[2016.08.11_12.12.45]



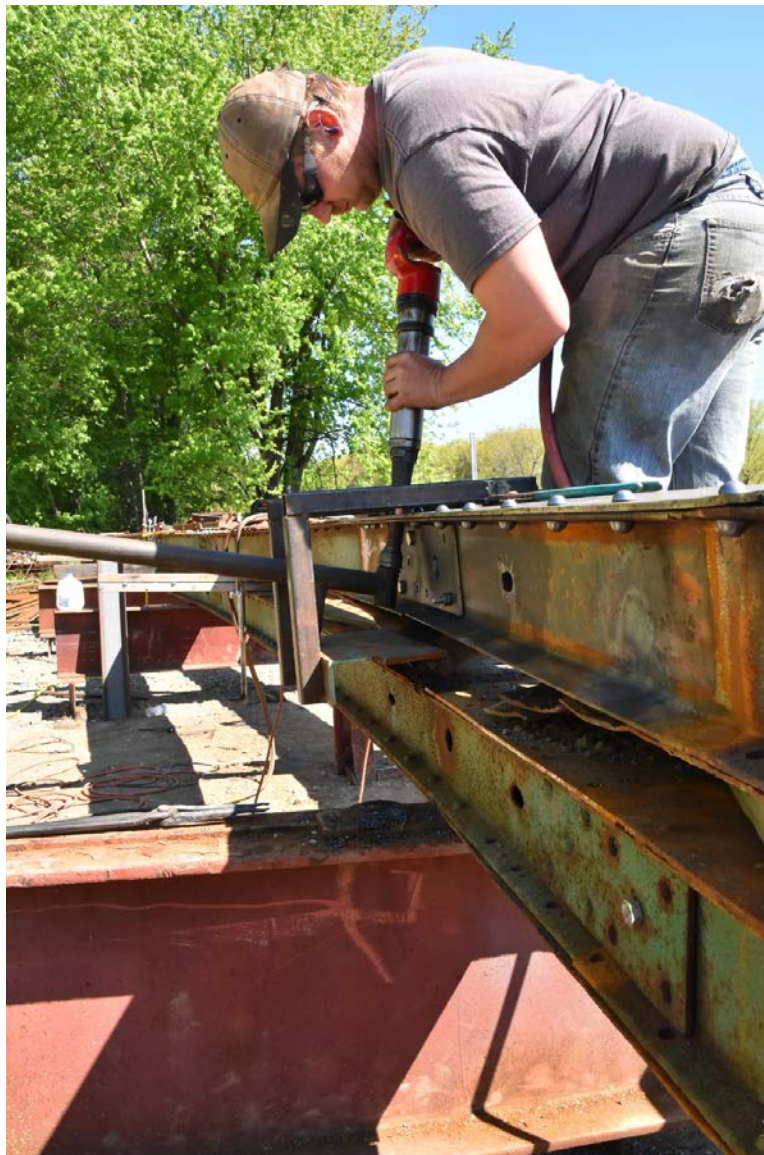
Hot riveting.



Hot riveting.



Hot riveting with manual bucking bar.



Hot riveting with manual bucking bar.



Hot riveting with manual bucking bar.



Hot riveting with manual bucking bar.



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Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Rivet removal without damage to parent metal.



Pack rust removal.



Pack rust removal.



Pack rust removal.



Pack rust removal.



Pack rust removal.



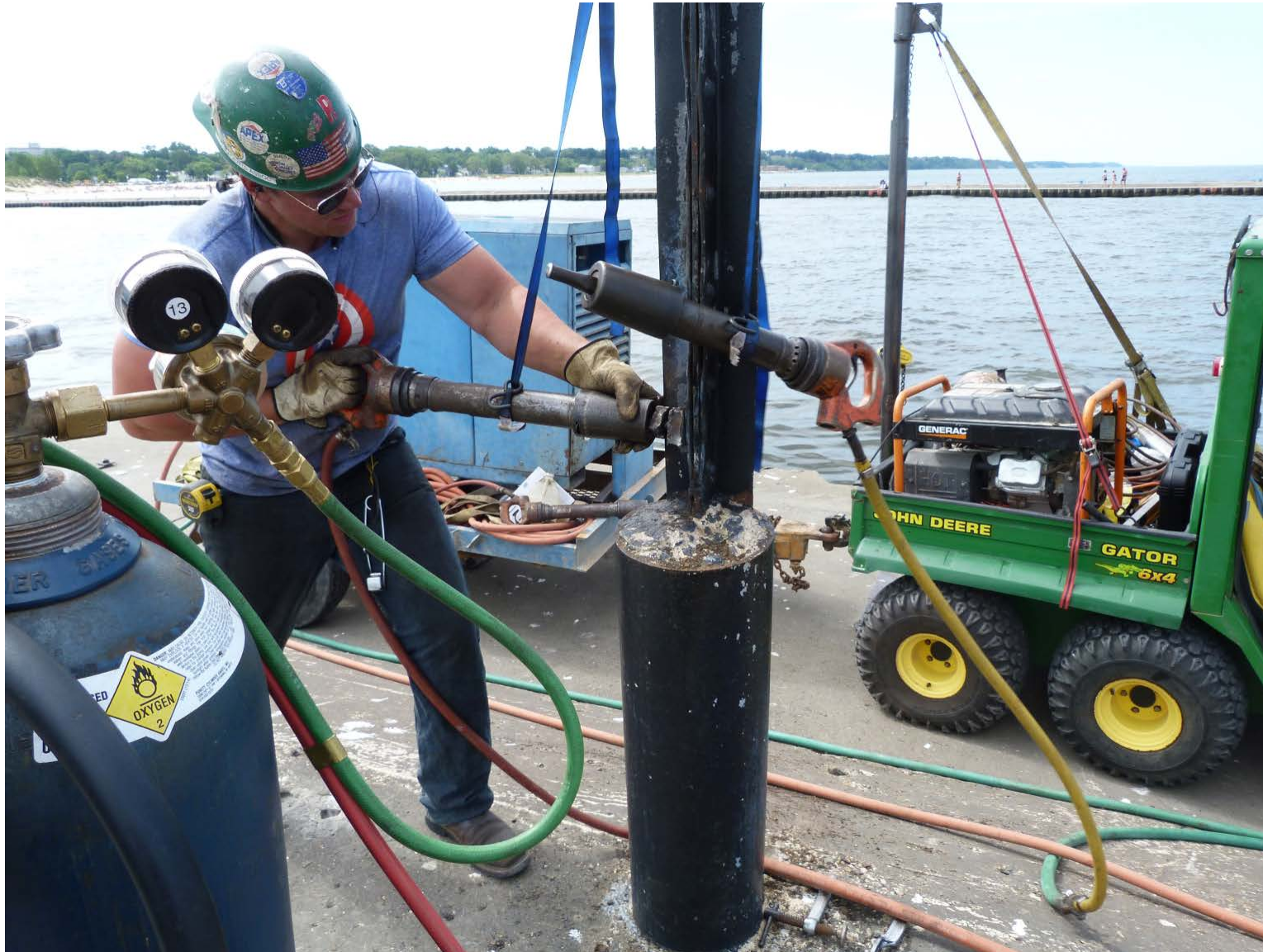
Pack rust removal.



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