

Think you might want to learn how to do an in situ repair on a tie-beam? Or maybe you have dreamed about replacing two water damaged posts and braces that frame a door in a corn crib? Well, here is your chance. November 2nd through the 6th, Friends of Ohio Barns will be conducting a Workshop along with Metro Parks Slate Run Living Historical Farm to make repairs on two separate issues they have with their barns. Rudy Christian and Ric Beck will be the instructors with help from other board members and we are looking for six to eight “students” to participate.

The “Big Barn” at Slate Run is a ground barn with multiple storage levels. It sports a canted purlin post system. Rot has been found at the bottom of one of the purlin posts where it is morticed into the principal tie-beam because the slant of the purlin post has channeled the rain entering through gaps in the siding into the mortice over the years. Rudy has offered an infill repair solution that would be both historical and long lasting. The purlin post will have to be jacked up above the point where the strut below meets the tie-beam and only just enough to support the purlin post and tie-beam joint. The rotten area will be excavated, squared up and a piece of rot resistant white oak will be fitted and pegged into place.

The two story gambrel roof crib structure at Slate Run also has water damaged timbers including posts and braces that frame the door. The repair will be made the same way the repair had been done in the past, only this time rot resistant white oak will be used instead of the red oak used in the previous repair. The center portion of the header and both door posts and braces will have to be removed and replaced. This means layout, chisels, mallets and planes! And to solve the water issue and hopefully prevent another similar repair in the future, a “pentice” roof system will be installed with copper flashing. This project will also need cribbing and bracing to secure the structure while the door frame is being repaired.

The farm crew at Slate Run is supplying all the materials and the hard labor of removing the doors, siding and track where needed before the workshop.

Altogether a great workshop is in the works. Slate Run Metro Park is located south of Canal Winchester on St. Rt. 674 North (Winchester Southern Rd). All repairs will be done on site and in a barn, not out in the weather. There is free primitive camping on the park property and lunches are included with paid registration fee.

The tentative schedule of the workshop is:

Wednesday - Nov. 2	Introduction to timber frame barn repair. Jacking and cribbing for timber removal.
Thursday - Nov.3	Removal and assessment of damaged timbers. Layout of new timbers.
Friday - Nov.4	Completion of layout work and begin cutting joinery.
Saturday - Nov.5	Continue cutting joinery and begin installation of repair timbers.
Sunday - Nov.6	Complete installation of repair timbers.

Costs for the workshop: \$30 per day or \$125 for the full workshop, includes lunch.  
Primitive camping is available nearby. Bring your own camping gear.  
Hotels and restaurants are a short drive from the site.

Equipment to bring: Clothing for the weather, work boots (steel toed a plus), gloves, mallet, pencils, chisels (1 1/2” and 2”), framing square, tape measure, good hand saw, snacks and water jug. We can provide hard hats and other tools necessary for the repairs.

Please contact Ric Beck at 614-738-4302 or email Ric at [rbeck7736@gmail.com](mailto:rbeck7736@gmail.com) for any questions/registration.