

Bond Baluster Mold

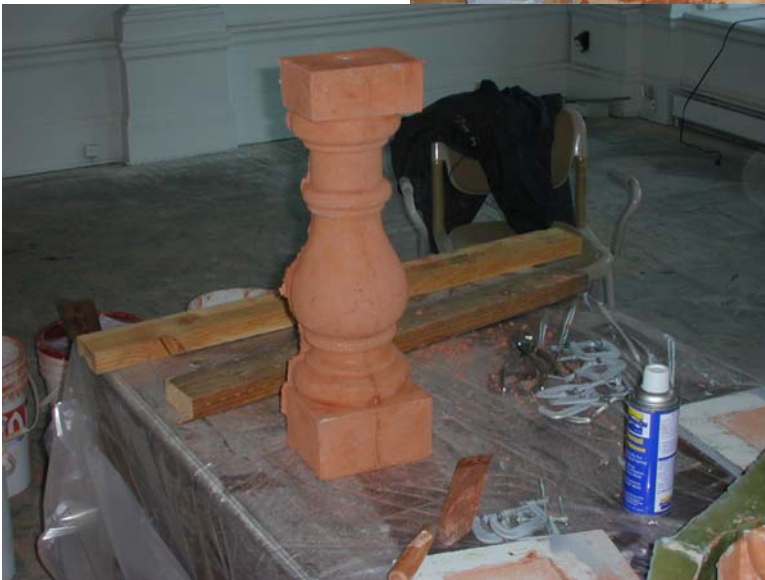


I originally thought to repair the damaged pieces but found the stone to be so badly rotted inside the plaster sheaths that that was not a realistic approach. I found a vendor at the 2006 Traditional Building Show in Washington, that I thought was going to do the work for me, but that didn't work out. So, here's the repaired column 1) encased in Smooth-On 40, 2) painted in PVA prepped for a fiberglass mother, 3) glassed, 4) and opened.





I made the mold in the studio and ran the production on-site. We used the mortar that all stone repair on the job was done with to fill the mold. A piece of 1/2" plated rod was painted with a cold galvanizing treatment and suspended in the center of the mold as reinforcing.





All eighteen balusters were replaced in this way. The second round emblem from the right is the first of the terra cotta replacements to be mounted.