

MARTIN COUNTY COURTHOUSE

DOMES + ROOF REPAIR UPDATE



June 2021



COPPER DOME RECONSTRUCTION

Recent dome reconstruction work focused on the copper installation at the base of the lantern. The seams of each custom piece are soldered together. Some of the soldering appears on the back side, while some is visible on the face. Though the work area is smaller, the detail is more extensive around the lantern and lantern base.

Clock work restoration continues at the contractor's shop off site. The clock dials are on site with some installation of the associated copper trim work completed. The eagle statues are being replicated with new copper work, and the tedious task of creating molds includes a heating process that requires several sessions. There are 33 different molds needed to create the eagle forms that are soldered together, and each mold is used four times. Dome restoration is scheduled for completion by the end of July.

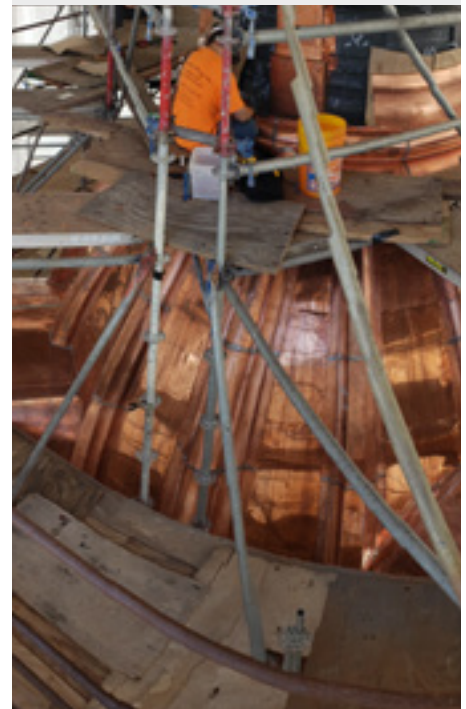
NEXT STEPS + STATS

- Clock restoration and installation
- Lantern completion
- Cupola restoration
- Eagle molds and stamping
 - 33 eagle molds created
 - Each mold is used 4 times

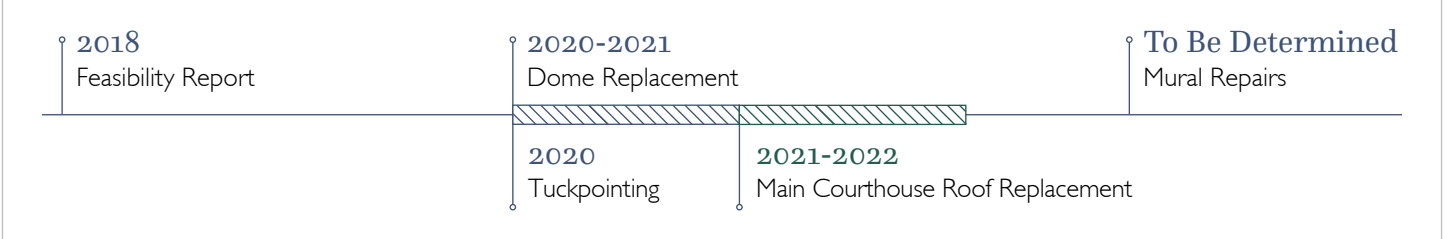
June work focused on the detailed work area identified in the photo below.



Major and minor ribs are completed at the base of the lantern.



TIMELINE



CONSTRUCTION UPDATE



Short columns at the base of the lantern are being set and soldered in place.



Short column detail at the base of the lantern.



New copper trim is applied to the base of the lantern.

QUESTIONS?



Bob Mickelson, Senior Project Manager
Bob.Mickelson@ISGInc.com
507.387.6651



Scott Higgins, County Coordinator
Scott.Higgins@co.martin.mn.us
507.238.3126