

# MARTIN COUNTY COURTHOUSE

## DOME AND ROOF REPAIR UPDATE



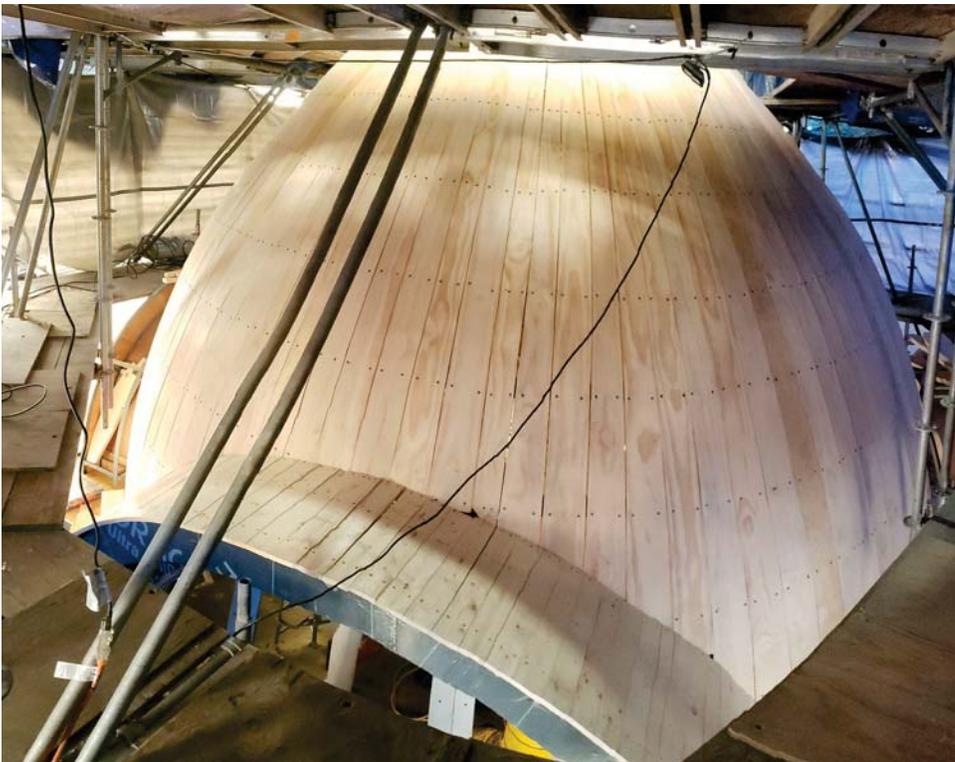
January 2021



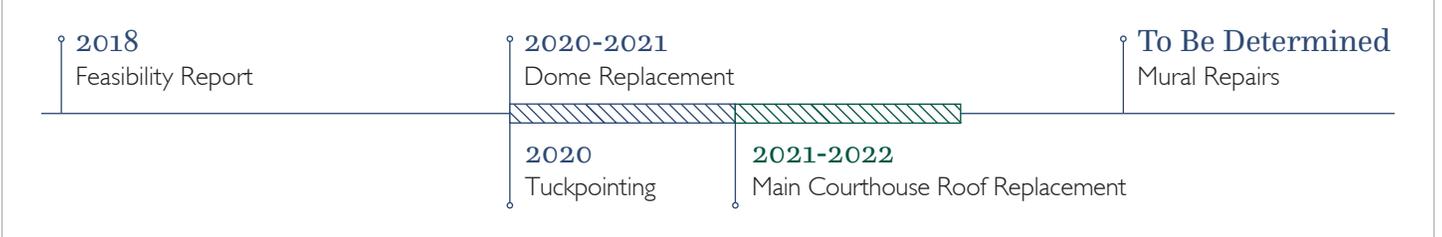
### PROJECT OVERVIEW

The iconic image of the Martin County Courthouse is used as the County's logo. This important dome represents a historic landmark and image of the community.

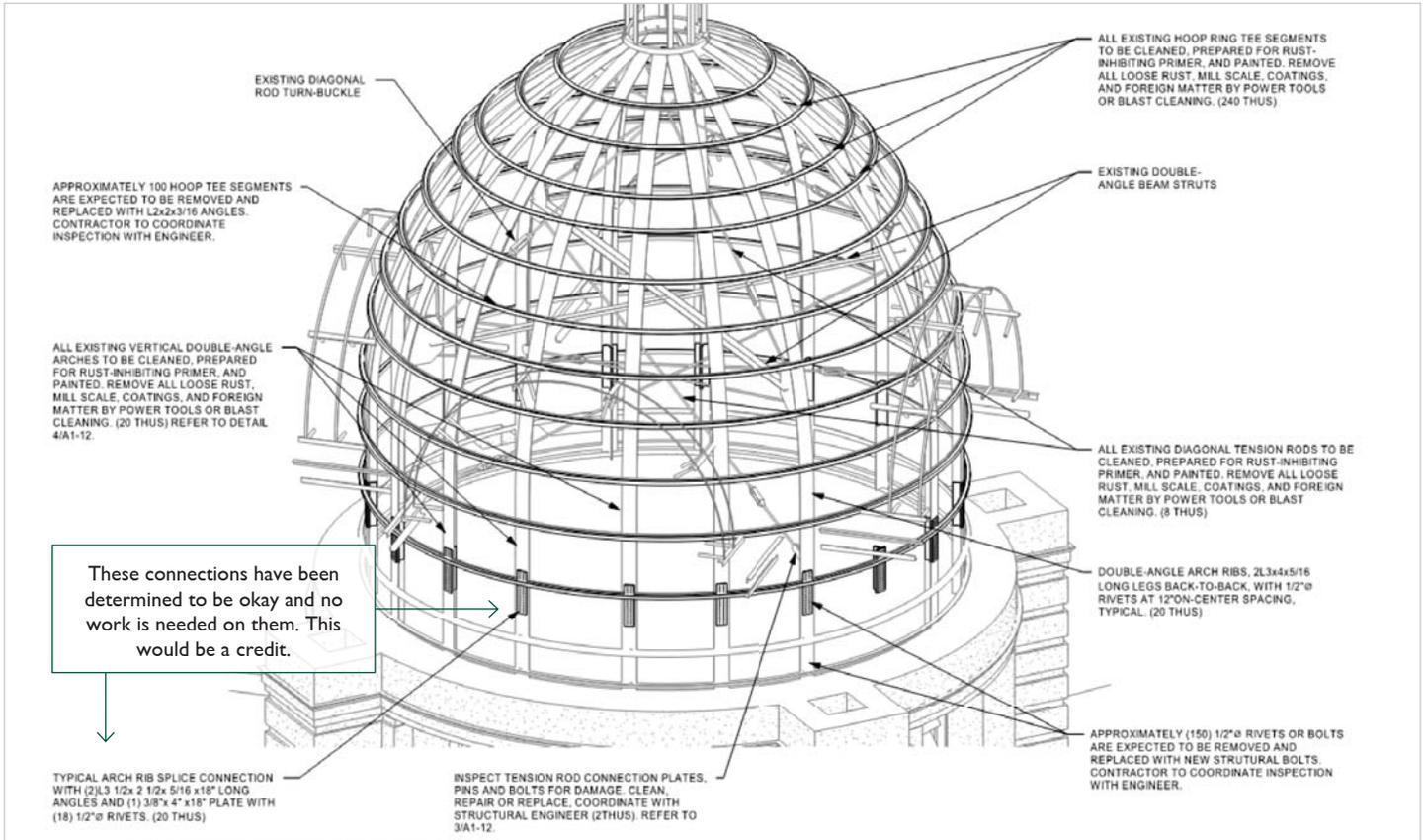
Following an extensive feasibility study completed in December 2018, the County set out to replace the Courthouse dome and make additional improvements to the historic building constructed in 1907. The feasibility report identified significant damage and deterioration of the copper dome, roof, masonry, and clock, as well as interior findings related to the ceiling murals, mechanical and electrical systems. The County determined that a full replacement of the copper dome and roof was necessary to address identified issues, which include leaks, water damage, and deterioration of materials. Planned interior improvements will bring the building to code and improve energy efficiency of systems.



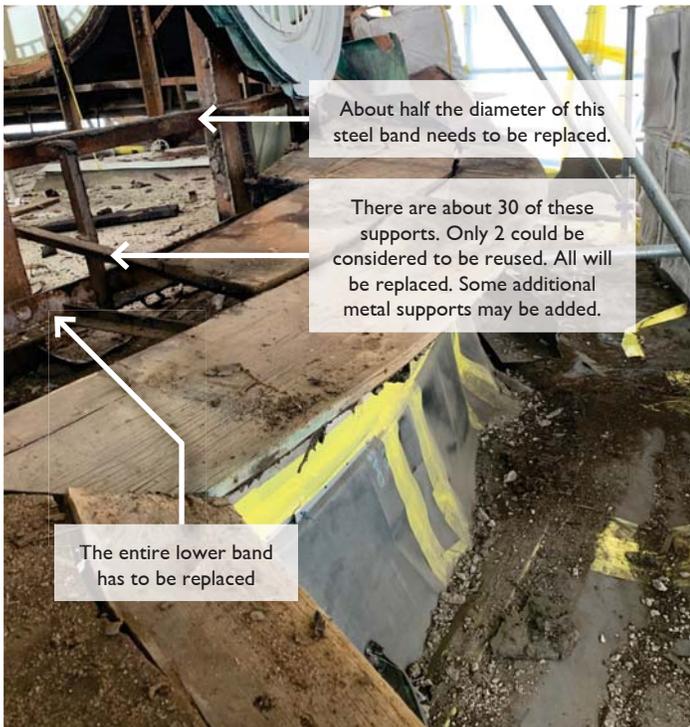
### TIMELINE



# CONSTRUCTION UPDATE



Isometric structural view of dome framework.

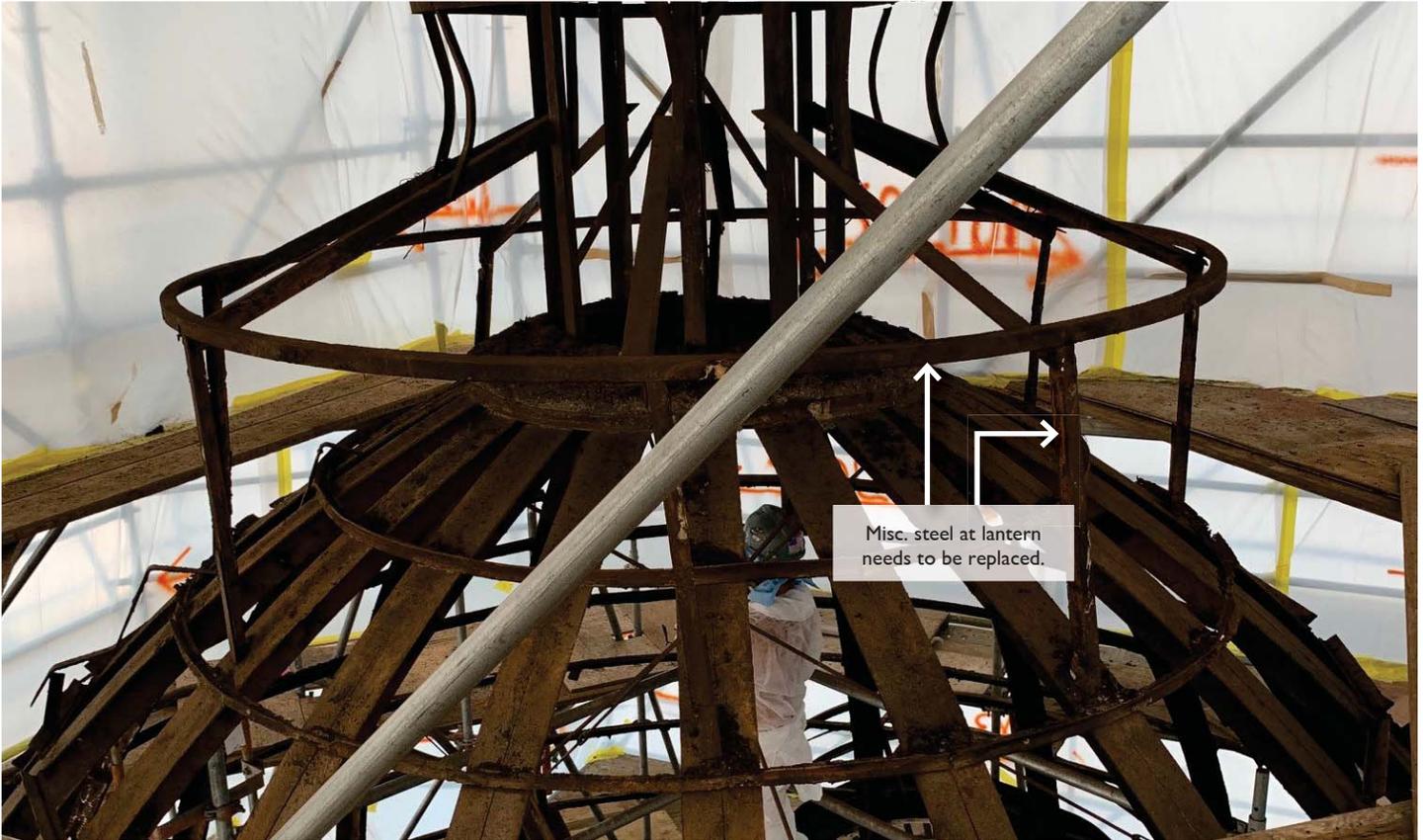


Base boards will be replaced during reconstruction.



Deteriorated steel at the base of the dome.

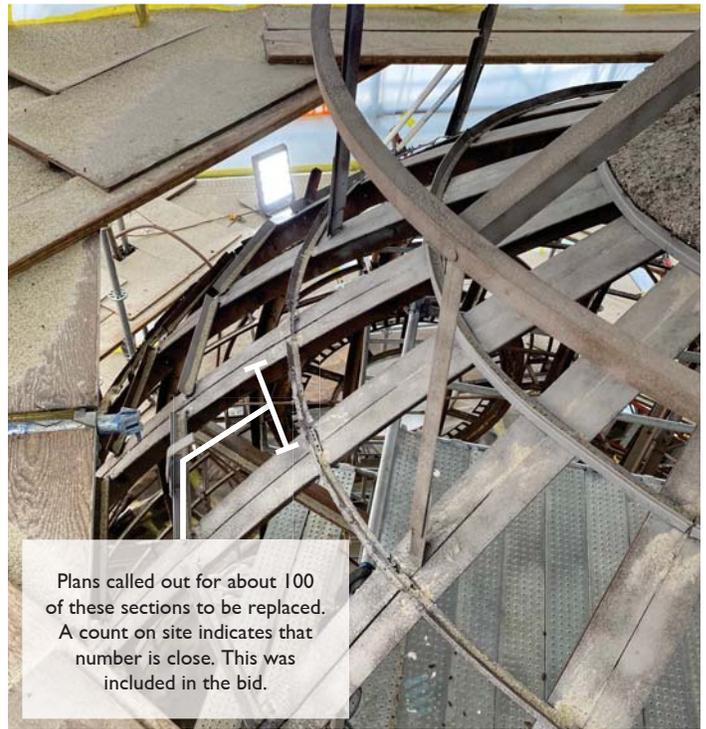
## CONSTRUCTION UPDATE (CONTINUED)



Lantern framing shows corroded steel requiring repair and replacement of sections.



Lantern framing requires some steel replacement.



Steel framing during cleaning process.

## CONSTRUCTION UPDATE (CONTINUED)



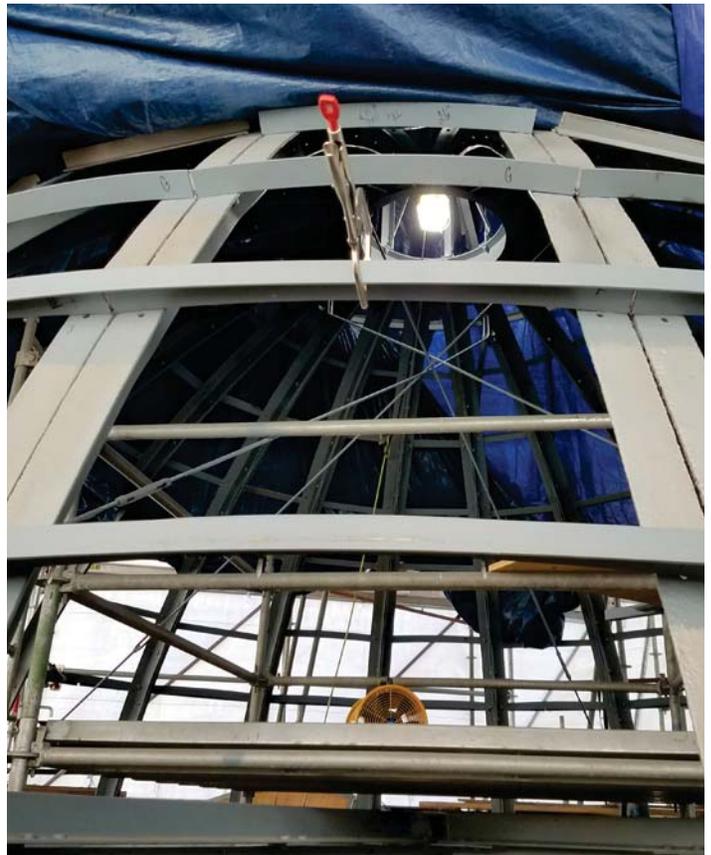
Scaffold installed to complete the dome work. Photo taken prior to it being covered with tarps to allow work through the winter.



Tarp covered scaffold.



Original copper used as a pattern to replicate the new copper parts. Note the newer copper tags that are affixed to the original copper. A number was assigned to each part and cataloged for reference.



Horizontal bands replacement. Roof sheathing will attach to the horizontal bands.

## CONSTRUCTION UPDATE (CONTINUED)



New wood sheathing in the dome interior.



Ice and water shield applied to the dome exterior.



An original, single piece of copper used as a band around the dome.



An original piece of copper used as a pattern at the base of the lantern.



Steel clock band replacement.



The start of the copper installation at the base of the dome.

### QUESTIONS?



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