

Proposed Scope of Work - Direct Construction Cost Breakdown:

<u>Zone 1: Flat Roof (South / North)</u>		
	No work	\$0
 <u>Zone 2: Heptagon Roof</u>		
1,231 SF	Replace sections of roof with open holes present: Remove remaining asphalt shingles, underlayment and sheathing/overhang; Remove membrane valley flashings at base of Bell Tower; Replace or reinforce deteriorated wood rafters; Provide new exterior grade plywood sheathing; Provide new asphalt shingles and underlayment, and prefin. aluminum drip edge over new wood fascia; Provide new prefin. aluminum valley and wall flashings around base of Bell Tower	\$55,600
 <u>Zone 3: Bell Tower Roof</u>		
800 SF	Complete base scope / full repair and replacement as Remove existing shingles, underlayment, sheathing and roof framing; remove flashings & detached masonry Extend new wood trusses, exterior grade sheathing, underlayment, and architectural grade shingles beyond wall to create 6-12" deep overhang; Repair, replace, reset select masonry in upper area of Tower	\$103,400
 <u>Zone 4: Central Gable Roof</u>		
738 SF	Replace sections of roof with open holes present: Remove remaining asphalt shingles, underlayment and sheathing/overhang; Remove membrane valley flashings at base of Bell Tower Replace or reinforce deteriorated wood rafters; Provide new exterior grade plywood sheathing; Provide new asphalt shingles and underlayment, and prefin. aluminum drip edge over new wood fascia; Provide new prefin. aluminum valley and wall flashings around base of Bell Tower	\$63,400

Direct Construction Cost TOTAL: **\$222,400**

SCOPE OF WORK SUMMARY:

Project is capturing funds from a National Park Service (NPS) African American Civil Rights Grant, being administered by the State Historic Preservation Office (MI-SHPO) for partial roof replacement. The project is utilizing the limited funds to address the most deteriorated sections of the roofs (those with open holes to the interior), and to stabilize masonry at the Bell Tower as required to support that new roof / eliminate life safety hazards directly below.

Each limited area of work will include full replacement of roofing, underlayments, flashings, and sheathing, as well as repair/replacement to the structural framing directly supporting the localized area. Due to the nature of partial replacement, materials will primarily match existing for this project, and require tie-in to the adjacent existing materials to remain.

**Additional funding will be required for future projects to address remaining areas of deterioration.*