

DATE: December 5, 2023; 10:45 am – 11:30 am

WORK IN PROGRESS: Installation of replacement stone; Repointing of stone

PRESENT AT SITE: Mike Madone/Mountain Masonry; Tim and Kris Hoehn/HAPC

DISTRIBUTION: All present; Carl Young, Kim Trujillo/Huerfano County; Danielle Lewon/SHF; Donald Harvey/ANA; Kate McCoy/CPI

NOTES/OBSERVATIONS:

1. The scaffolding was removed at the north and south sides of the east elevation, now allowing an unobstructed view of most of the completed work. (Re: Photos #1, 2, 10, 11.)
2. Large stones currently on site are being used for the replacement of the water table stones that were added to the scope of work as a change order during the last site visit. Most of these stones are installed, with tooling at the radiused tops and corners remaining to be done. (Re: Photo #3.) The upcoming delivery of additional stones will be used for the reconstruction of the cheek walls. This strategy is allowing the masons to continue working on the building as they wait for the next stone delivery.



Photo #1: Now that the scaffolding has been removed, work at this end of the wall is now visible.



Photo #2: The work at the north end of the east elevation is close to completion with most mortar joints now repointed.

3. Some hairline cracking at the repointed mortar joints above the new water table stones, located above the garden level windows, was observed. It was due to slight movement/deflection of these stones during the installation of the water table stones below. These cracked mortar joints will be repointed. (Re: Photo #4.)



Photo #3: Most of the new water table stones have been installed on the south side of the east wall.



Photo #4: Hairline cracks have developed in some of the repointed mortar joints above the water table stones, which will be repointed.

4. A few stones on the south face of the tower will be installed once a boom lift is brought onto the site. (Re: Photo #5.)
5. The replacement flashing required at the second floor balcony was installed. It is a close match to the color of the stone. (See Photo #6.) Repointing is underway in this area. The area will be cleaned following the completion of the work.



Photo #5: Two lintel stones remain to be installed on the tower's south face.



Photos #6 (above) & #7 (below): The flashing at the balcony has been installed. Its color is close to that of the stone. The wood brick mould for the window has been fabricated and is now on site.



6. The replacement wood brick mould for the second floor window on the north face of the tower is now on site and ready for installation. (Re: Photo #7.)
7. Work on the plaster sign will soon begin. An observation was shared regarding the treatment of two stones below the sign at the top of the north and south ends of the two second floor balcony windows.
 - a. At the south end, the drawings call for pinning both stones and refacing the upper (wider) stone but the lower stone has also developed a crack. (Re: Photo #8.)
 - b. At the north end, the drawings call for pinning both stones and refacing the lower (narrower) stone. However, the upper (wider) stone is also cracked. (Re: Photo #9.)

The masons suggested replacing all four stones instead of pinning and refacing them. This treatment was approved.



Photo #8: The two stones on the south side of the southernmost window at the second floor balcony are cracked and will be replaced.

Photo #9: The two cracked stones on the north side of the northernmost window at the second floor balcony will be replaced.

8. All of the replacement radiused moulding stones at the arch above the plaster sign have been installed.
9. Some of the newly installed stones exhibit dark inclusions, which will be lightened with sandblasting and cleaning.



Photo #10: The repointing at the top of the south end of the east wall is completed with the exception of filling two holes below the cornice, which will be accomplished when the boom lift is on site.



Photo #11: The completed repointing at the top of the north end of the east wall can be seen from the second floor balcony.

10. In addition to the need for guardrails on the north and south sides of the main entry landing, a guardrail with handrail is also required along the south side of the steps in order to meet current building code requirements. (Re: Photo #12.) Once the south cheek wall is constructed, the architects will take measurements for the new guardrail, pending Carl Young's approval of the addition to the scope of work. Like the guardrails at the main entry landing, this addition will need to be paid separately from the SHF grant.

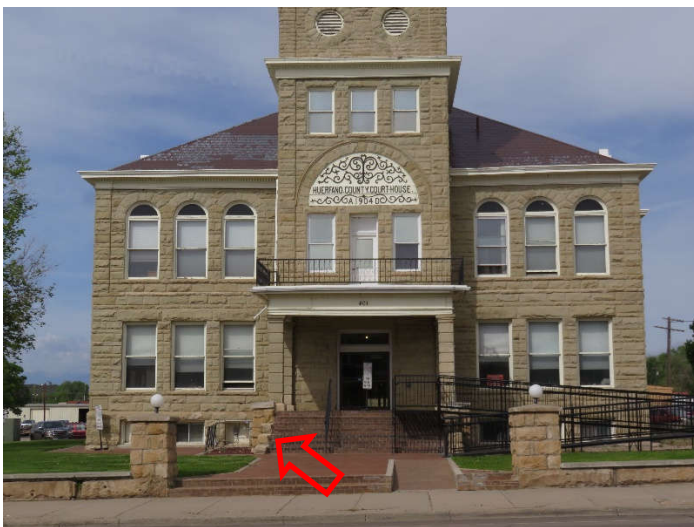


Photo #12: A guardrail with handrail is needed along the south side of the main entry steps. (Photo taken May 2018)

End of Field Report No. Five