



MEMORANDUM

DATE: August 21, 2023

TO: Honorable Mayor and City Councilmembers
Dave Perrault, City Administrator

FROM: David Swearingen, P.E. Public Works Director / City Engineer

SUBJECT: South Tower Improvements Project Discussion

Budgeted Amount:
\$250,000 – 2024 CIP

Actual Amount:
\$TBD

Funding Source:
Water Utility Fund

Council Should Consider

Council should consider the proposed South Tower Improvements related to repairs and security.

Background/ Discussion

Within the City’s Capital Improvement Plan (CIP) the South Tower is planned for improvements in 2024, the CIP sheet is Attachment A. The MN Department of Health recommends that storage facilities for public water supply systems are inspected and maintained on a 5-year cycle. Public Works ordered an inspection of the South Tower that was completed Fall of 2022 and can be reviewed in Attachment B. The report recommendations include spot coating repairs, minor structural repairs, the addition of water stagnation system, and other improvements related to OSHA requirements.

Along with the recommended repairs, it is desired to include security improvements to the South Tower with this project. Below are some options to consider:

- a. Security perimeter fencing with signage
- b. Cameras with night vision capabilities
 - a. Water tower door
 - b. Booster station door
- c. Bollards for booster station generator
- d. Bollards for West exterior water tower door
- e. Replace plywood cover of lower level access with lockable cover
- f. Card reader for site access control
- g. Intrusion alarms for overhead doors at booster station and water tower
- h. Locking mechanism for interior ladder

Staff will be pursuing the Urban Area Security Initiative (UASI) grant program to assist in funding the selected security improvements.

Staff is requesting any feedback to the proposed improvements from City Council. Provided direction, staff will work with a selected consultant to submit a proposal for plans, specifications and construction administration and bring it back to Council for approval at an upcoming regular meeting.

Budget Impact

The CIP currently has \$250,000 budgeted for this project with the funding source being the water utility fund. This amount will likely need to increase depending on the security options desired and the consulting fees related to the scope of work.

Attachments

Attachment A – CIP Sheet

Attachment B – Inspection Report