



## Public Works Agenda Item

Meeting Date:	January 10, 2023
Agenda Item:	4a. Starin Park Water Tower
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### BACKGROUND

(Enter the who, what when, where, why)

McEnroe Consulting Engineers (MCE) received comments provided by the Public Works Committee and staff and updated their draft Structural Analysis Report. The Final Report outlines a possible phased approach to the suggested maintenance, a cost for demolition, and expected life extension with additional maintenance. As mentioned at the December 2022 meeting, the Water Tower is generally in good to fair condition and is structurally stable.

### PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

In July 2022, the Landmarks Commission asked Council to contract a structural engineering firm to determine the structural condition of the masonry tower. In August 2022, the Council authorized staff to obtain proposals from structural engineering firms and bring back for final approval. In October 2022, the Public Works Committee and Council approved awarding a contract to MCE. The Public Works Committee met in December 2022 to discuss and provide comments on the draft report.

### FINANCIAL IMPACT

(If none, state N/A)

The overall maintenance cost, in 2023 dollars, is estimated between \$950,000 and \$1,100,000. A phased approach is estimated to cost \$1,330,000 or an additional 30%, but could be higher if more deterioration has taken place. Also, to be noted is the continuation of ongoing maintenance, mainly with repointing of mortar joints. An estimated cost to repoint 5% of the joints is \$110,000. An estimate of \$610,000 was included in the Final Report for demolition. This estimate is important in that the PSC has indicated that Water Utility rate payer funds can only be used for maintenance up to the estimated cost of demolition. The remaining costs must be covered using different funding sources.

### STAFF RECOMMENDATION

As the Report indicates, if it is the desire to maintain the Water Tower, it will be important to address the high priority issues in the next few years, as the longer the work is postponed, the more extensive, and therefore expensive, it will be. Thus, this is a report to be used by Council to help them decide the course of action for the Starin Park Water Tower. Staff's recommendation is for the Public Works Committee to accept the Final Starin Park Water Tower Structural Analysis Report and forward to the full Council. Staff will use the Final Report as a budgeting tool to submit CIP requests for upcoming budgets per Council direction.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Starin Park Water Tower Final Report
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