

MEMO

TO: Chairperson Wetzel and Commissioners
FROM: Andrew Beyer, P.E.
DATE: January 17, 2024
RE: January 23, 2024 Public Works Commission Meeting

- Review and take possible action: City of Watertown Flood Control Master Plan adoption

BACKGROUND

Review and take possible action: City of Watertown Flood Control Master Plan adoption

The City of Watertown with its stormwater consultant Ruekert & Mielke has completed a Flood Control Master Plan in an effort to minimize the impacts of future potential flooding to public infrastructure and private property. A city-wide stormwater system inventory was completed in the field between 2019 and 2021 to verify and capture the existing system; computer modeling was completed for the storm sewer system (18 inches and larger) under the 10-year, 100-year and 500-year storm events to predict the extent of flooding in defined drainage areas.

The Flood Control Master Plan resulted in conceptual recommendations with cost estimates for 15 priority drainage areas in the City strategically utilizing traditional stormwater improvements such as detention ponds (surface or underground), pipe upsizing, green infrastructure and pump stations. The overall cost for full implementation of the Flood Control Master Plan (in 2023 dollars) is between \$26,000,000 - \$31,000,000. The Engineering Division seeks adoption of the Flood Control Master Plan and approval to move into implementation of the plan.

The Flood Control Master Plan can be found here: [Watertown Flood Control Master Plan - OneDrive \(sharepoint.com\)](#)

Enclosed:

1. Draft Resolution
2. Flood Control Master Plan Recommendations