STAFF REPORT

Date: March 4, 2020

To: Mayor and City Council

From: Ross Bintner, P.E., Engineering Services Manager
Jessica V. Wilson, Water Resources Coordinator

Subject: Flood Risk Reduction Strategy, Draft Review Work Session

Information / Background:

In July 2019 staff began working with a resident task force to develop a Flood Risk Reduction Strategy. The group met over a dozen times, investing hundreds of hours collectively. Through the work, staff and the task force have created a framework and charted a path to reduce the risk of flooding to deliver on this simple strategy; to comprehensively reduce flood risk throughout the community.

At the meeting, staff and task force members will present on the framework and strategy.

Staff is seeking Council feedback on the draft Flood Risk Reduction Strategy report, provided in the packet.

Quick Wins

Through the process, we uncovered some 'quick-win' actions to implement immediately.

- Actions for Flood Resilient Homes Fact Sheets. These two-page fact sheets describe common actions that people can take to reduce their own exposure and vulnerability to flooding. A sample of the draft fact sheets are provided in the packet. The complete set of fact sheets is expected to be finalized within the month.
- "What is my flood risk?" interactive map. This application allows users to visualize the flooding on the land surface for any property in the City of Edina. This information is already available on the interactive water resources map; however, this application is more focused on communicating flood risk specifically. Once finalized, the map will be available on the Maps page of the City website. The application can be previewed at a temporary weblink at; https://barrgisonline.maps.arcgis.com/apps/webappviewer/index.html?id=79c2a16b53af475dbc284cd2df9e4fee
- Sandbagging how-to videos. The City provides sandbags, free of charge. This series of videos will be used to promote the service, inform people on how to request sandbags, demonstrate how to build

a sandbag dike, and describe how to dispose of sandbags after a flood. Video production is anticipated to occur this spring.

Next Steps

Staff will finalize the Flood Risk Reduction Strategy based on Council and task force feedback from the work session and propose to bring the finalized report to the April 7th City Council meeting for final approval.

Staff will prepare a scope of service for preliminary engineering for stormwater infrastructure related to the roadway reconstruction projects in the Morningside C, D and E maintenance groups scheduled for reconstruction in 2022 and 2023. Staff will also ask Council to consider the engagement plan to go along with the project design. This would be the first major roadway reconstruction project to be designed under the proposed Flood Risk Reduction Strategy.

Staff will prepare a scope of service to complete a major amendment to the Comprehensive Water Resources Management Plan in order to incorporate the Flood Risk Reduction Strategy into the policies and implementation actions of that Plan.

Summary of proposed next steps;

1. Council considers approval of Flood Risk Reduction Strategy.
2. Council considers approval of preliminary engineering scope of service for the Morningside D/E and Morningside C neighborhood roadway reconstruction projects in 2022 and 2023, respectively.
3. Council considers approval of Morningside Neighborhood roadway reconstruction design engagement plan.
4. Council considers approval of scope of service for major amendment to Comprehensive Water Resources Management Plan.

Task Force Acknowledgement

Staff would like to thank the Task Force for their contributions. The experience, knowledge, and curiosity they brought to the process added value and influenced the framework and strategy.

Nora Davis (co-chair), Lake Cornelia Neighborhood

Kathy Amlaw (co-chair), Lake Edina Neighborhood

Greg Lincoln, Morningside Neighborhood

Michael Platteter, Morningside Neighborhood

Louise Segreto, Indian Hills Neighborhood

Roxane Lehmann, Sunny Slope Neighborhood

Richard Strong, Concord Neighborhood

Richard Manser, Todd Park Neighborhood

The Task Force has provided their own report, included in the packet.