



## **CITY OF WASHINGTON, ILLINOIS**

### **Committee of the Whole Agenda Communication**

**Meeting Date:** February 8, 2021

**Prepared By:** Dennis Carr – City Engineer

**Agenda Item:** Stormwater Study

**Explanation:** A few months back, staff had brought the Washington Estates Stormwater issue in front of council. During this conversation, council was hesitant to support the city doing this specific project as it was mostly on private property. This conversation also had council discussing that this is not the only issue in the City and that there should potentially be a Citywide Stormwater Study done to assess our storm system and the impacts of the increase in rainfall intensities.

Staff had budgeted for \$500,000 in the current fiscal year for any potential Local Match needs for any grant opportunities. We are a few months away from the end of the budget and these grant opportunities are not looking promising.

Instead of letting this \$500,000 roll into surplus, staff was identifying this as potential seed money to begin a stormwater study. Staff would then look to budget the remaining money in the next fiscal year to complete the project. A study of this magnitude will require field verification of assets as well as drainage software to simulate rainfalls and stormwater storages.

The intended outcome would be the following:

- An Updated GIS Mapping layer that would include all stormwater infrastructure, basins, and drainage channels with drainage areas and corresponding design storm.
- Summary of the existing system, problem areas, and choke points.
- Rainfall Intensity Simulations and inundation models.
- List of Priority Projects with estimates and a ranking system.
- Potential Funding Opportunities for projects moving forward.

**Fiscal Impact:** Staff had budgeted \$500,000 in Stormwater System Construction 218-00-800-5000 and \$50,000 in Stormwater System Engineering 218-00-800-5100 as a potential local match for grant opportunities. Staff would look to use these funds in the last month of the current budget but then the remainder in next year's fiscal budget.

**Action Requested:** Staff is seeking direction from council to assemble a Request for Proposals for a Citywide Stormwater Study.