

MEMORANDUM

TO: The Honorable Mayor and City Council
FROM: Joseph E. Tebrugge, Director of Engineering
DATE: June 25, 2021
SUBJECT: **City of Wheaton Flood Resiliency Investigation - Part 5 (Second Half)**

Staff will continue presenting the 5th informational session on the general topic of storm water management with the goal of decreasing overland flooding of primary structures. This presentation is a continuation of the **City of Wheaton Flood Resiliency Investigation - Flood Protection Program Discussion Series**. Please note that the Subject Title has been shortened to the “**City of Wheaton Flood Resiliency Investigation**” for the series upon Council request. Tonight’s discussion is a continuation of the presentation that was started at the June 14th, 2021 meeting. The length of the presentation required it to be spanned over two Council Planning Sessions. The June 14th meeting covered the below presentation description** for the first 10 of our 15 identified Flood Prone Areas and also contained a discussion with the City Manager about beginning the process of identifying funding source options for the work.

Tonight’s June 28th, 2021 presentation continuation will cover the below presentation description** for the remaining 5 Flood Prone Areas and complete the City of Wheaton Flood Resiliency Investigation - Part 5 Presentation. The presentation provided at the June 14th Planning Session will be used. Staff will provide the slide presentation for Flood Prone Areas 11 through 15, if needed or requested.

****PART 5 – Evaluation of Capital Project’s Ancillary Benefits – June 14th, 2021 and June 28th, 2021**

Tonight’s presentation is prepared to discuss the additional benefits that have not yet been encapsulated into the project costs presented in Part 4. Flood Protection Capital improvement projects generally move water further away from structures, can decrease or eliminate flooding of accessory structures and yards, can decrease City expenditure on emergency services, and make streets more passable during flood events. The goal of the presentation tonight is to discuss the Buyout/floodproofing Option and associated costs, discuss the Capital Improvement Option and associated Costs, and gain an understanding of the Ancillary Benefits of the Capital improvement Option.

