



STORMWATER MANAGEMENT COMMISSION

March 29, 2020

TO: Lake County Stormwater Management Commission

FROM: Mike Warner, Executive Director

RE: City of Highland Park Taylor-Perennial Stormsewer and Skokie River Conveyance

ACTION REQUESTED: APPROVAL of IGA

SMC staff recommends approval of Stormwater Capital Improvement Program (STOCIP) funding in the amount of \$200,000 for two capital improvement projects with the City of Highland Park.

The total cost of both components of the PROJECT is approximately \$1,229,780. The SMC portion of the expenses are a not-to-exceed amount of \$200,000, with \$180,000 towards the pipes and backflow preventers of the Taylor-Perennial storm sewer system and \$20,000 towards Skokie Conveyance efforts.

The CITY's prioritized capital improvement program to address flooding includes several activity categories. Storm sewer replacements and channel conveyance improvements are both a part of this program. The program is based on City records of flooding and engineering hydrologic and hydraulic model analysis. The highest ranked projects (Taylor and Perennial) generally had a combination of criteria that could all be addressed in the scope of one storm sewer system improvement. To summarize, the projects that had the widest impact upon the public right of way, had the greatest amount of documented flooding instances, and were shown to have the most deficient capacities were identified as the highest priority.

Also, an ancillary project to the above, is continued work to cleanout the Skokie River and maintain its carrying capacity. This effort is extremely important as debris blockages to culvert systems have occurred in the past and have an immediate impact to flood heights and create dangerous flow conditions both upstream and downstream of those blockages. This effort, although small, is important and this IGA covers the Taylor-Hillary Neighborhood area of the Skokie River.

Both components of the project are consistent with SIRF program objectives as it will proactively and preventatively flooding concerns by providing incremental protection up to at least the approximate 10-year storm event.

If you should have any questions about this project, please contact me at mwarner@lakecountyil.gov