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January 26, 2016

Elmhurst Park District Board of Park Commissioners
375 W. First Street
Elmhurst, IL 60126

Dear President Ubriaco, Members of the Park Board and Executive Director Rogers:

Based on discussions at the January 14, 2016 Stormwater Communications Meeting, we understand that the Park Board is requiring a control valve be installed to reduce downstream impacts during storm events that may exceed a 100-year frequency. As stated by the Park District Commissioners at that meeting, the safety concerns consist of downstream increases in flood elevations during certain storm events that have a 500-year level of magnitude

As you are aware, it is the opinion of Christopher B. Burke Engineering, Ltd. (CBBEL), the City's engineering consultant, that a shut-off valve is not required for a variety of technical reasons. A number of operational and legal concerns were also raised over the installation of such a device. In light of this information, we had developed an alternative solution that addressed the concerns of both the City and Park District; however this was turned down at the meeting.

At the January 19th City Council meeting an amended version of the Intergovernmental Agreement was ratified by the City Council. This version struck the language requiring the automated valve. Since Park District representatives were at the City Council meeting, you are aware of the numerous reasons the City Council members provided while reaching this conclusion. We request the Park Commissioners consider this version of the IGA to supplant the version previously approved by the Park District Board.

In order to assist the City Council understanding the Park District's request for a shut off valve, the City is requesting the Park District's engineering consultant, V3 Companies (V3), to submit a formal engineering review on the design as presented and the necessity of a shut-off valve. Both the City and the Park District are relying on the two engineering consultants (CBBEL and V3) for the design and peer review of the project, and will utilize their expert opinions in their decision making process. Specifically, we are requesting that V3 answer the following questions:

- 1) According to the *DuPage County Countywide Stormwater and Flood Plain Ordinance* (§15-73.C), projects cannot exceed the pre-development site peak discharge in a 2-

yr and 100-yr rainfall event of critical duration up to a 24-hour duration. In V3's engineer's opinion, does the proposed project meet the requirements of the County's stormwater ordinance without the valve?


- 2) Based on V3's review of CBDEL's additional stormwater analysis, would providing additional storage in the future basketball/sand volleyball court area mitigate the downstream impacts for the 500-year non-critical duration storm events?
- 3) Is the installation of a shut-off valve a necessity for this project?
- 4) If V3 is stating the value is a requirement, Have they modeled the impacts of the value in the proposed system, and can they state what level of flooding will be experienced by the homeowners either upstream or downstream of the valve?

Once we have this information for our review, we can fully understand the Park Boards reasoning which may assist the City Council in our discussion in moving this agreement forward. We would also like to remind the Park Board that Burke engineers are available to attend any Park Board meeting to answer any questions the Board members may have regarding this or our other proposed projects, please consider this a standing offer. As stated many times over these last few years, we truly appreciate the support provided by the Park District staff throughout this process, and look forward to continued cooperation in the future.

Sincerely,



Steven M. Morley, Mayor



James A. Grabowski, City Manager

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