



January 29, 2016

Members of the City Council  
City of Elmhurst  
209 North York Street  
Elmhurst, IL 60126

Dear Mayor Morley, City Council Members and City Manager Grabowski,

We are in receipt of your letter dated January 26, 2016 in regard to York Commons Park, and are replying on behalf of the Elmhurst Park District Board of Park Commissioners.

Your letter was addressed by the Park Board at its January 27, 2016 meeting. To clarify a point made in your letter, the Board's primary safety concern emanates not from concern about flood elevations, but rather concern based upon the data provided by Burke Engineering in December 2015 regarding overflow from the detention basin in York Commons Park. You will recall that the Park Board has been specific about its desire to ensure that any decision concerning stormwater detention provided on community park property not adversely impact park neighbors. As a result, since October 2014, the Park Board has been on record, in writing, as being willing to agree to help the City address the flooding concerns on Crescent Avenue so long as the solution included an automated shut-off valve that provides an increased level of safety and security for those downstream, to ensure that the problem was not simply being shifted from one street to another.

Per your request, we directed V3 Companies (V3), the District's engineering consultant, to provide responses to your four questions. Please see the attached letter for the responses.

Finally, the Park Board remains committed to helping the City of Elmhurst address stormwater flooding concerns and is aware of the information presented by Burke Engineering and reviewed by V3, and remains steadfast in its position to require a shut-off valve at the proposed York Commons Park detention basin to provide an added level of assurance for those residents downstream; not only as it relates to today's existing conditions, but also as it relates to any future developments.

On behalf of the Board of Park Commissioners,

A handwritten signature in blue ink, appearing to read "C. Ubriaco".

Carolyn Ubriaco, President

A handwritten signature in blue ink, appearing to read "J. W. Rogers".

James W. Rogers, Executive Director

cc: Board of Park Commissioners

Enclosure: V3 letter dated January 27, 2016



January 27, 2016

Mr. Jim Rogers  
Executive Director  
Elmhurst Park District  
375 W. First Street  
Elmhurst, Illinois 60126

RE: Response to City Questions  
Letter Dated January 26, 2016  
York Commons Park

Dear Mr. Rogers:

Per request of the Elmhurst Park District, V3 Companies of Illinois, Ltd. (V3) is providing this letter to respond to the City of Elmhurst questions in a letter dated January 26, 2016 relative to York Commons Park.

V3 has obtained various plans, calculations and tables which were provided by Christopher B. Burke Engineering, Ltd. (CBBEL) for the proposed stormwater improvements at York Commons Park. V3 has performed peer review of this information to develop this professional engineering opinion. However, V3 has not performed any modeling in addition to that completed by CBBEL, and our professional engineering opinion is based on the data and information provided by CBBEL.

V3 requested CBBEL to perform supplemental modeling and provide information to better evaluate the data, and to assist the Elmhurst Park District Board understand the function and modeling results of implementing stormwater infrastructure and storage at the York Commons Park. The most recent information, related to the discussion of a shut-off valve, was provided by CBBEL on 12/1/2015 in tabular format with critical duration storm events. The modeling information compared the "proposed conditions" (no valve) and "with shut-off valve" scenarios during 100-Year and 500-Year storm events.

Pursuant to V3's review, we offer the following responses to the City of Elmhurst 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 the 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?

*V3 believes that the proposed project would meet the requirements of the DuPage County Ordinance for all critical duration storm events up to the 100-year, 24-hour event.*

2. Based on V3's review of CBBEL'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?

*V3 has not modeled the system to evaluate impacts of the 500-year storm event. Nor do we have enough information from the CBBEL tables to determine the required stormwater*

*storage to mitigate downstream impacts associated with the 500-year overflow from the proposed York Commons basin.*

3. Is the installation of a shut-off valve a necessity for this project?

*Based on the tables provided by CBBEL on 12/1/15, the “proposed conditions” (no valve) scenario demonstrates an increased 500-Year discharge to York Street which occurs through the Overflow Weir, when compared to the “with shut-off valve” scenario which shows no overflow. V3 understands that the Elmhurst Park District Board has consistently expressed a concern for implementing a solution that may shift a flooding problem from one location to a new location. The shut off valve would prevent this overflow and maintain existing conditions at Crescent Street for storms exceeding the 100-year event.*

4. If V3 is stating the valve is a requirement, have they modeled the impacts of the valve 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?

*V3 has not performed modeling of the proposed system. The responses above are based upon V3’s review of the data and information provided by CBBEL.*

Thank you for the opportunity to assist the Elmhurst Park District with review of the proposed City of Elmhurst plan for stormwater improvements at York Commons. Please contact me with any questions.

Sincerely,  
V3 COMPANIES OF ILLINOIS, LTD.



Gregory V. Wolterstorff, P.E.  
Director of Natural Resources

cc: V3 File