



**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

September 27, 2016

Village of Orland Park  
15655 Ravinia Avenue  
Orland Park, IL 60462

Attention: John J. Ingram - Director of Public Works

Subject: Proposal for Professional Engineering Services  
Mason Lane Drainage Investigation

Dear Mr. Ingram:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal to the Village of Orland Park (Village) for professional engineering services for the investigation of stormwater and drainage issues near Mason Lane. This proposal includes our Understanding of the Assignment, Scope of Services, and Estimate of Fee.

**UNDERSTANDING OF THE ASSIGNMENT**

CBBEL understands that there are stormwater and drainage related issues with the wetland area located south of 143<sup>rd</sup> Street near Mason Lane. Currently the wetland area is not draining appropriately, which is causing the area to have an artificially high normal water level. As a result, the upstream areas are unable to freely discharge to the area and are experiencing stormwater related issues. The Village would like CBBEL to assist with determining the cause of the poor drainage from the wetland and develop potential alternatives to address the issues.

**SCOPE OF SERVICES**

Task 1 – Field Survey and Topographic CBBEL will collect appropriate field data and topographic survey as needed to detail the existing drainage structures, flow paths and storage areas.

Task 2 – Drainage Investigation and Analysis: Upon completion of Task 1, CBBEL will evaluate the field data and topographic information to determine flow patterns, historical drainage ways and watershed divides. From this information CBBEL will determine various alternatives to address the drainage concerns and minimize or alleviate the stormwater issues.

Task 3 – Summary Memorandum: Upon completion of tasks above, CBBEL will summarize the results of the analysis and recommendations into a concise technical memorandum.

**ESTIMATED FEE**

Task 1	Field Survey and Topographic	\$ 5,000
Task 2	Drainage Investigation and Analysis	\$ 3,900
Task 3	Summary Memorandum	\$ 400
<b>Total:</b>		<b>\$ 9,300</b>

We will bill you at the hourly rates specified in the previously agreed upon Schedule of Charges and establish our contract in accordance with the previously agreed upon General Terms and Conditions. Direct costs for blueprints, photocopying, mailing, mileage, permit fees, overnight delivery, messenger services, and report binding are not included in the Fee Estimate. These general terms and conditions are expressly incorporated into and are an integral part of this contract for professional services. It should be emphasized that any requested meetings or additional services are not included in the preceding fee estimate and will be billed at the previously accepted Schedule of Charges.

Please sign and return one copy of this agreement as an indication of acceptance and notice to proceed. Please feel free to contact us anytime.

Very truly yours,



Christopher B. Burke, PhD, PE, D.WRE, Dist.M.ASCE  
President

THIS PROPOSAL, SCHEDULE OF CHARGES AND GENERAL TERMS AND  
CONDITIONS ACCEPTED FOR THE VILLAGE OF ORLAND PARK:

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_