

**LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER**

DATE: 3/5/2018  
 Contract Modification: 1  
 CONTRACT #: 035-2017

PROJECT: Southland Area Stormwater Project

TO: Banks Engineering, Inc.

Original Contract Amount	\$305,000.00
Cumulative Amount of Previous Contract Modifications	\$0.00
Percent Change of Previous Contract Modifications	0%
Existing Contract Amount	\$305,000.00
Net (increase/decrease) in Contract Amount - (From following pages)	\$136,115.00
Percent Change of This Contract Modification	45%
Original Contract Amount	\$305,000.00
Cumulative Amount of all Contract Modifications	\$136,115.00
Percent Change of all Contract Modifications	45%
New Contract Amount Including this Change Order	\$441,115.00

Recommended by Amos J. Smith (Proj. Engr.) Date 3/5/18

Accepted by John B. Stein (Consultant) Date 4/25/18

Accepted by Robert R. Smith (Contractor) Date \_\_\_\_\_

Approved by Donna Haskin Squi (Director) Date 3-5-18

Approved by Donna Haskin Squi (Commissioner) Date 5-14-18

Approved by Jinling Wang (Mayor or CAO) Date 3-22-18

**LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT  
CONTRACT MODIFICATION**

DATE: x/xx/xx  
Contract Mod #: 1  
CONTRACT #: 035-2017

Project: Southland Area Stormwater Project

TO: Banks Engineering, Inc.

You are hereby requested to comply with the following changes from the contract plans and specifications;

Item No.	ADD / DEL	Description of changes	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price	
1	ADD	Design of stormwater improvements in the WGPL area	LS	1	\$ 136,115.00	\$ -	\$ 136,115.00	
2	ADD		LS	1	\$ 1.00	\$ -	\$ -	
3						\$ -	\$ -	
4						\$ -	\$ -	
5						\$ -	\$ -	
6						\$ -	\$ -	
7						\$ -	\$ -	
8						\$ -	\$ -	
9						\$ -	\$ -	
10						\$ -	\$ -	
11						\$ -	\$ -	
12						\$ -	\$ -	
13						\$ -	\$ -	
14						\$ -	\$ -	
15						\$ -	\$ -	
<b>Total decrease</b>							\$ -	
<b>Total increase</b>								\$ 136,115.00
<b>Net (increase) in contract price</b>							\$ -	\$ 136,115.00

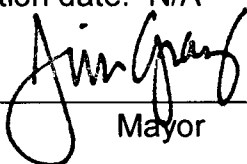
**JUSTIFICATION FOR CHANGE**

PROJECT: Southland Area Stormwater Project

CONTRACT NO. 035-2017

CHANGE ORDER: 1

1. Necessity for change: **Change Order 1 is for final design and construction administration assistance from Banks Engineering in the WGPL area. The current contract is for investigation and analysis only.**
2. Is proposed change an alternate bid? \_\_\_Yes XNo
3. Will proposed change alter the physical size of the project? \_\_\_Yes XNo  
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? \_\_\_Yes XNot Necessary
6. Will this change affect expiration or extent of insurance coverage? \_\_\_Yes XNo  
If "Yes", will the policies be extended? \_\_\_Yes \_\_\_No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: N/A

  
\_\_\_\_\_  
Mayor

3-22-18  
Date



February 13, 2018

Mr. Gregory S. Lubeck, PE, CFM  
Stormwater Section Manager  
Department of Environmental Quality & Public Works  
Division of Water Quality  
125 Lisle Industrial Road  
Lexington, KY 40511

RE: Proposal for Professional Services  
WGPL Area Stormwater Analysis

Mr. Lubeck:

Banks Engineering is pleased to submit this proposal for surveying and engineering services related to potential stormwater improvements in the WGPL neighborhood. This proposal is based on the scope of services you provided via email dated January 29, 2018, the scoping meeting held February 2, 2018, and last week's negotiations meeting. We will be assisted by the same team completing the Southland Area Drainage Study with the addition of a geotechnical consultant:

- Strand Associates for stormwater modeling and design assistance
- Third Rock Consultants for the design of green infrastructure
- 2020 Land Surveying for field surveys and preparation of base plans
- Geotechnology, Inc. (formerly Thelen Associates) for rock soundings

We take no exceptions to the scope of work you provided, but offer the following clarifications that were considered in the fee computations for this proposal:

1. Designs will result in no negative flooding impacts to downstream properties, and our scope and fees do not include preparation of a Letter of Map Revision (LOMR) to FEMA.
2. Environmental services and permitting listed below may only be required if a detention basin is designed at the west end of Goodrich Avenue.
3. Permitting is expected to involve a Floodplain Construction Permit from the Kentucky Division of Water. If permitting and coordination with the Army Corps of Engineers and the U.S. Fish and Wildlife Service is required, we will perform those services for the additional compensation listed on the attached Fee Summary.
4. Final deliverables will include hard copy and digital construction documents and stormwater calculations.

Mr. Gregory S. Lubeck, PE, CFM

February 13, 2018

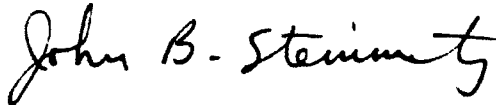
Page 2

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5. In our fees for bidding and construction services we assumed six (6) progress meetings during construction. The fees include all other meetings listed in your scope of services.
6. The fee listed per parcel for Easement Acquisition includes the preparation of the easement documents as well as negotiations with the property owner(s) as outlined in your scope of service.

We propose to complete the surveying, designs, bidding, and construction administration for this project for a lump sum fee of one hundred twenty-eight four hundred twenty-five dollars (\$128,425). Thank you for considering our proposal to complete this important project. If you have any questions or need additional information, please contact me at (859) 881-0020 or by email at [jsteinmetz@banksengineering.net](mailto:jsteinmetz@banksengineering.net).

Very truly yours,  
Banks Engineering, Inc.



John B. Steinmetz, P.E.  
Senior Engineer

Project #17010

Project: WGPL Stormwater Design

Company: Banks Engineering, Inc.

Signature: 

Date February 13, 2018

Task	Description	Fee	Sub/Total
1	Investigative Review	\$2,370	
2	Property Research	\$1,600	
3	Detailed Design	\$109,695	
4	Bidding Assistance/Construction Administration	\$14,760	
		<b>Total Fee</b>	<b>\$128,425</b>
	<b>Add Alternates</b>		
	Easement Acquisition (per parcel)	\$2,500	
Meetings	Public Meeting with Residents (each additional)	\$4,000	
	Meet with LFUCG (each additional)	\$1,600	
	Corps of Engineers / USFWS Permitting	\$7,690	



**SOUTHLAND AREA STORM DRAINAGE PROJECT**  
Lexington Kentucky  
Exhibit

**WGPL STORM SEWER SYSTEM**



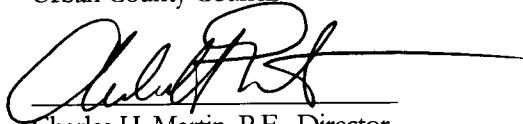
MAYOR JIM GRAY



CHARLES H. MARTIN P.E.  
DIRECTOR  
WATER QUALITY

TO: Mayor Jim Gray  
Urban County Council

FROM:



Charles H. Martin, P.E., Director  
Division of Water Quality

DATE: March 5, 2018

SUBJECT: Change Order #1 for Banks Engineering to Provide Final Design and Construction Administration Assistance for the Wabash/Goodrich/Pensacola/Lackawanna (WGPL) Stormwater Improvement Project in the Southland Area Stormwater Project.

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**Request**

The purpose of this memorandum is to request approval of Change Order #1 to the Southland Area Stormwater Project agreement with Banks Engineering which will increase the contract price by a sum of \$136,115 from \$305,000 to \$441,115. This change order is an expansion of the scope of work for the current contract, and includes final design and construction administration for stormwater system improvements in the WGPL area.

**Purpose of Request**

Design and construction of these improvements in the WGPL area will mitigate existing flooding issues and provide a discharge location for approximately 50 sump pumps currently connected to the sanitary sewer system.

Banks Engineering has conducted all of the initial outreach, analysis and mitigation concept development for the Southland Area Stormwater Project improvements, and is very familiar with the issues in this area.

**Project Cost in FY18 and in Future Budget Years**

Banks Engineering has provided a fee quote of \$136,115 for the proposed work.

**Are Funds Budgeted**

Funds are budgeted in: 4052-303204-3321-71205 PROF\_SVC CONSTRUCT Bud Reference 2016

**Director/Commissioner**

Martin/Hoskins-Squier

