

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER

DATE: December 3, 2018
 Contract Modification: 3
 CONTRACT #: 035-2017

PROJECT: Southland Area Stormwater Project

TO: Banks Engineering, Inc.

Original Contract Amount	\$305,000.00
Cumulative Amount of Previous Contract Modifications	\$143,615.00
Percent Change of Previous Contract Modifications	47%
Existing Contract Amount	\$448,615.00
Net (increase/decrease) in Contract Amount - (From following pages)	\$39,800.00
Percent Change of This Contract Modification	13%
Original Contract Amount	\$305,000.00
Cumulative Amount of all Contract Modifications	\$183,415.00
Percent Change of all Contract Modifications	60%
New Contract Amount Including this Change Order	\$488,415.00

Recommended by *James J. Smith* (Proj. Engr.) Date 12/4/18

Accepted by *John B. Steinert* (Consultant) Date 12/4/18

Accepted by _____ (Contractor) Date _____

Approved by *James J. Smith for CHM* (Director) Date 12/4/18

Approved by _____ (Commissioner) Date _____

Approved by *Luinda Boston* (Mayor or CAO) Date FEB 07 2019

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

DATE: December 3, 2018
 Contract Mod #: 3
 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	wgpl Right of Way Acquisition Assistance	LS	1	\$ 7,500.00	\$ -	\$ 7,500.00
3	ADD	Additional design, bidding assistance, const. admin.	LS	1	\$ 35,500.00	\$ -	\$ 39,800.00
4						\$ -	\$ -
5						\$ -	\$ -
6						\$ -	\$ -
7						\$ -	\$ -
8						\$ -	\$ -
9						\$ -	\$ -
10						\$ -	\$ -
11						\$ -	\$ -
12						\$ -	\$ -
13						\$ -	\$ -
14						\$ -	\$ -
15						\$ -	\$ -
Total decrease						\$ -	
Total increase							\$ 183,415.00
Net (increase) in contract price							\$ 183,415.00

JUSTIFICATION FOR CHANGE

PROJECT: Southland Area Stormwater Project

CONTRACT NO. 035-2017

CHANGE ORDER: 3

1. Necessity for change: **Change Order is for creating a second construction bid package for the Water Quality basin the WGPL area and additional analysis for Southview Dr. stormsewer system. The original concept is not viable due to unavailability of land.**
2. Is proposed change an alternate bid? ___ Yes X No
3. Will proposed change alter the physical size of the project? ___ Yes X No
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___ Yes X Not Necessary
6. Will this change affect expiration or extent of insurance coverage? ___ Yes X No
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

*Linda Gorton*_____
Mayor

FEB 07 2019

Date


MAYOR JIM GRAY



LEXINGTON

CHARLES H. MARTIN P.E.
DIRECTOR
WATER QUALITY

TO: Mayor
Urban County Council

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

DATE: December 3, 2018

SUBJECT: Change Order #3 for Banks Engineering to Bidding Assistance and Construction Administration services for the Goodrich Ave basin within the Wabash/Goodrich/Pensacola/Lackawanna (WGPL) Stormwater Improvement Project in the Southland Area Stormwater Project.

Request

The purpose of this memorandum is to request approval of Change Order #3 to the Southland Area Stormwater Project agreement with Banks Engineering. This change order is to add Bidding Assistance and Construction Administration services for the Goodrich Ave basin to the contract, in accordance with Banks Engineering's Proposal dated February 13, 2018.

Purpose of Request

Banks Engineering is currently performing design and construction administration assistance services for the WGPL portion of the Southland Area Stormwater Project agreement. As the design work has progressed, it became necessary to create a second construction bid package for the proposed work on the Goodrich Ave detention basin/ green infrastructure.

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 FY19 and in Future Budget Years

Banks Engineering has provided a fee quote of \$39,800 for the proposed work. The total amount of this Change Order is \$39,800

Are Funds Budgeted

Funds are budgeted in: 4052-303204-3334-92211 WR_SOUTHLAND CONSENT_DE Bud Reference 2019

Director/Commissioner

Martin

Cc: Gregory S. Lubeck, P.E., Stormwater Section Manager



December 3, 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 Green Infrastructure Project

Mr. Lubeck:

Banks Engineering is pleased to submit this revised proposal for surveying and engineering services related to the proposed green infrastructure improvements (bioswales and bioretention) in the WGPL neighborhood. This proposal is based on recommendations for improvements in the WGPL Storm Sewer Project, and at your direction we are dividing the storm sewer and green infrastructure into two separate construction projects. Construction bids are currently being solicited for the storm sewer project, and this proposal includes the work necessary to provide the final design, bidding, and construction services for the green infrastructure project.

We will be assisted by the same team completing the Southland Area Drainage Study and WGPL Storm Sewer Improvements Project, with significant assistance from Third Rock Consultants. Strand Associates and 2020 Land Surveying will have more limited roles in this project. In accordance with our recent discussions we propose to complete the following work elements for this project:

1. Complete final designs for the proposed bioretention basin (note: compensation for most of the design effort was included in the WGPL Storm Sewer Project fees; compensation included in this scope item relate to minor updates to the previous designs to incorporate the final storm sewer designs, and compilation of plan sheets independent of the storm sewer project.)
2. Prepare a Stormwater Pollution Prevention Plan (SWPPP) for this project (a revision of the storm sewer project's SWPPP).
3. Prepare applicable notes, details, and an opinion of probable cost.
4. Conduct preliminary and final design review meetings.
5. Prepare contract documents and final deliverables suitable for bidding.

6. Provide bidding and construction services:
 - a. Coordinate the bid advertisement, review submitted bids, prepare a bid tabulation, and submit a recommendation for award of the project.
 - b. Respond to bidders' questions, prepare addenda, and conduct a pre-bid meeting.
 - c. Conduct preconstruction and progress meetings (including 5 construction site meetings at requested times).
 - d. Review shop drawings.
 - e. Prepare record drawings, including a post-construction topographic survey of the bioretention area.
 - f. Update the hydraulic model of the Wolf Run watershed to incorporate the new construction (included in the original WGPL fees).

7. Additional hydraulic modeling including updates and modifications to the area-wide SASD hydraulic model to support the review of alternatives concepts in other project areas as directed by LFUCG. This work is estimated at 24 hours of modeling time and a review meeting for a fee of \$4,300 (included in the total below).

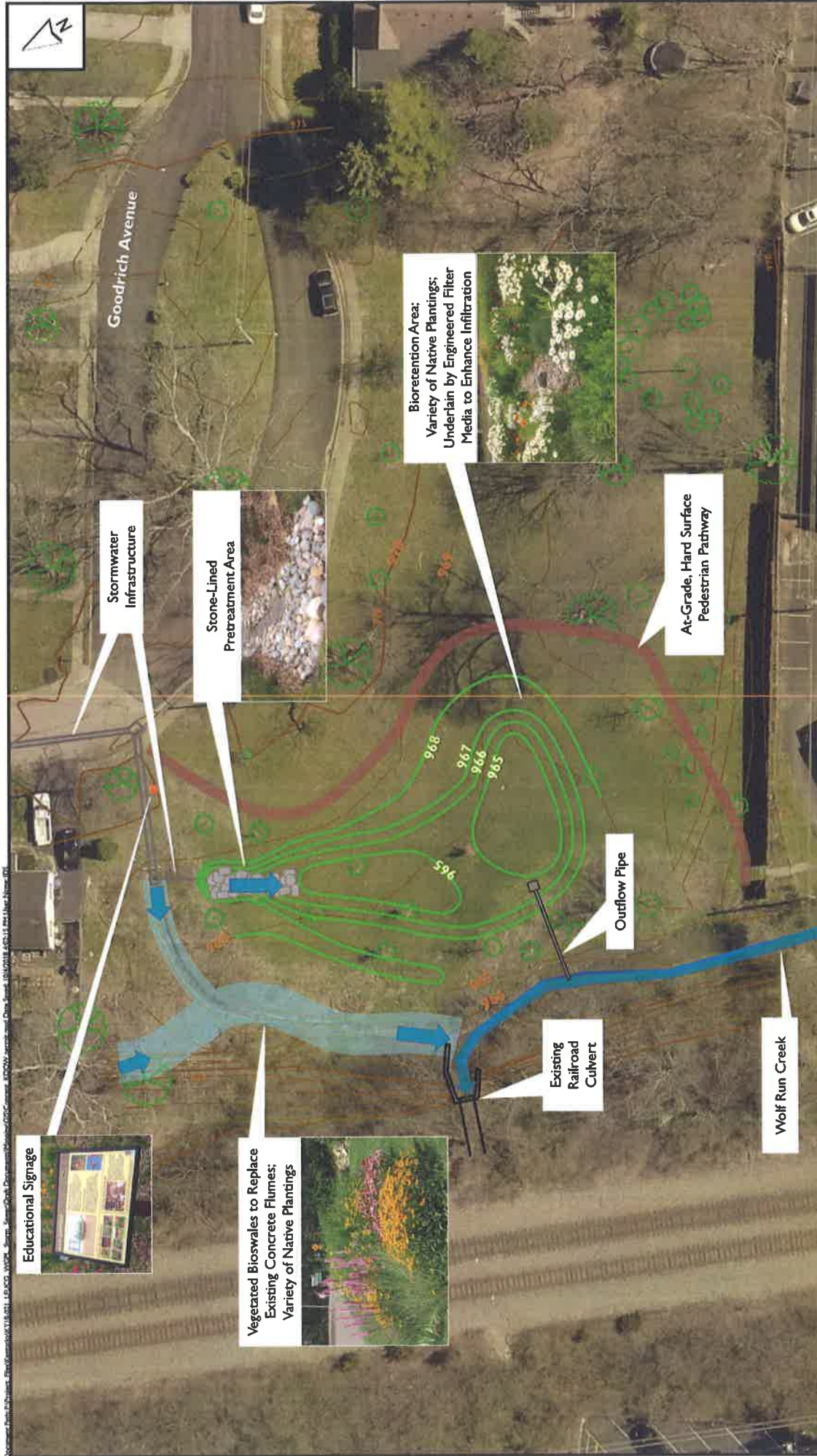
We propose to complete the surveying, designs, bidding, and construction administration for this project for a lump sum fee of thirty-nine thousand eight hundred dollars (\$39,800). Thank you for considering our proposal to complete this important project. If you have any questions or need additional information, please contact me at your convenience.

Very truly yours,
Banks Engineering, Inc.



John B. Steinmetz, P.E.
Senior Engineer

Project #18161



Educational Signage



Vegetated Bioswales to Replace Existing Concrete Flumes; Variety of Native Plantings



Stone-Lined Pretreatment Area



Bioretention Area; Variety of Native Plantings; Underlain by Engineered Filter Media to Enhance Infiltration



At-Grade, Hard Surface Pedestrian Pathway



Outflow Pipe



Existing Railroad Culvert



Wolf Run Creek

Goodrich Avenue



Prepared for:
Lexington-Fayette
Urban County Government
On behalf of Banks Engineering, LLC

**Exhibit 3 - WGPL Green Infrastructure Concept (aerial)
Goodrich Avenue at Pensacola Drive, Lexington**



Prepared by:
Third Rock Consultants, LLC
2526 Regency Road, Suite 180
Lexington, Kentucky 40503