

JUSTIFICATION FOR CHANGE

PROJECT: Clays Mill Road Improvements, Section 1

CONTRACT NO. 167-2015

CONTRACT MODIFICATION NO.: 4

1. Necessity for change: During construction of the Clays Mill Road project, unforeseen site conditions were encountered that required significant changes to the Wolf Run Culvert. This contract modification covers the cost of related design services.
2. Is proposed change an alternate bid? ___ Yes ___ No
3. Will proposed change alter the physical size of the project? ___ Yes ___ No
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___ Yes ___ Not Necessary
6. Will this change affect expiration or extent of insurance coverage? ___ Yes ___ 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

_____
Mayor
Date

CONTRACT HISTORY FORM

Project Name: Clays Mill Road Improvements, Section 1

Contractor: CDP Engineers

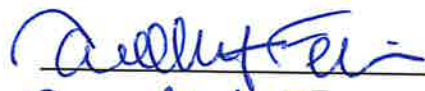

Contract Number and Date: 167-2015 08/27/15

Responsible LFUCG Division: Engineering

CONTRACT AND MODIFICATION DETAILS

A. Original Contract Amount:	\$	<u>526,482.00</u>	
Next Lowest Bid Amount:			
B. Amount of Selected Alternate or Phase:	\$	<u> </u>	
C. Cumulative Amount of All Previous Alternates or Phases:	\$	<u>526,482.00</u>	
D. Amended Contract Amount:	\$	<u>526,482.00</u>	
E. Cumulative Amount of All Previous Change Orders:	\$	<u>317,519.00</u>	<u>60.3%</u> <small>(Line E / Line D)</small>
F. Amount of This Change Order:	\$	<u>27,211.00</u>	<u>5.2%</u> <small>(Line F / Line D)</small>
G. Total Contract Amount:	\$	<u>871,212.00</u>	

SIGNATURES

Project Manager:	<u></u>	Date: <u>02/07/23</u>
Reviewed by:	<u></u>	Date: <u>02/07/23</u>
Division Director:	<u></u>	Date: <u>2/21/23</u>



Everyday technology for everyday work!

RECEIVED
FEB 17 2023
ENGIN. DIVISION

February 10, 2023

Mr. Mark Feibes, PE
Lexington-Fayette Urban County Government
Division of Engineering
101 East Vine Street
Lexington, Kentucky 40507

RE: Clays Mill Road Contract Modification No. 4

Mr. Feibes,

Attached is the signed Contract Modification No. 4 for Clays Mill Road Improvements, Section 1. This modification was necessary to revise Wolf Run culvert plans to address unforeseen/unanticipated site conditions.

If you need any additional information or have any questions, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink, appearing to read 'D. Carter', is written over a faint, illegible background.

David Carter, President
CDP Engineers, Inc.

Attachment

LOCHNER

To: CDP / Richard Hall
3250 Blazer Pkwy Ste 200,
Lexington, KY 40509

From: Lochner / Ben Coomes

RE: Clays Mill Road Box Culvert Modifications

Draft Scope of Work

Lochner will design new cast in place wingwalls to help minimize excavation / potential impacts to the newly installed sanitary sewer mains.

General Notes (Applies to entire structure)

1. All Wingwalls to have approx. 1/2" separation between box culvert and wingwall
2. Apron/Footing (both sides) to be tied in to box with lapped rebar.
3. Wingwalls and apron to be 10' in length and parallel with the proposed box culvert walls
4. Wingwalls will have a 2' turn-back at the end to butt up to. These will start at the top of footing and terminate 1' below road or ground elevation.
5. Excavation to bedrock to follow same method as box culvert to the end of the apron. To which point, it is to extend 2' past the apron (in direction of creek) and vertical to bedrock.

Wingwall #1 (In addition to General Notes)

1. Tie back to existing creek with Gabion baskets to go from a vertical wall face (at wing) to match the slope of the existing creek edge past the excavation for the sanitary sewer.

Wingwall #2 (In addition to General Notes)

1. Tie back to existing creek with Gabion baskets to go from a vertical wall face (at wing) to match the slope of the existing creek edge past the excavation for the sanitary sewer. Detail will be provided for anchoring chain link fence to top of wall.

Wingwall #3 (In addition to General Notes)

1. Tie back to existing wall using Gabion Baskets. Go from Vertical to existing slope as necessary.
2. Wingwall to be extended vertically and designed as crashworthy. May impact parapet column detail, will revise detail if needed.
3. Existing guardrail to be tied to end of wingwall similar to KYTC Bridge end details

Wingwall #4 (In addition to General Notes)

1. Tie from wingwall to existing walls using Gabion baskets. It was noted that there are two walls on this side. One angled stone wall at creek level and another CMU block wall set back a little higher. Gabion walls will go from vertical at wingwall with the upper level angling back to the upper wall and lower level butting up to the stone wall.

Wingwall plans are anticipated to be complete by 10/10/22 with tie in details following by 10/28/22.

Project will be completed for a lump sum fee of \$27,211 (See attached TC 40-2 for hours/rates development)

Thank you for the opportunity to support the project.



Ben Coomes, PE
Associate Vice President / Project Manager

H.W. Lochner, Inc.
2365 Harrodsburg Road
Suite B400
Lexington, KY 40504

T 859.224.4476
F 859.224.9828

hwlochner.com



KENTUCKY TRANSPORTATION CABINET
 Department of Highways
 DIVISION OF PROFESSIONAL SERVICES
ENGINEERING AND RELATED SERVICES FEE PROPOSAL

TC 40-2
 Rev. 05/2021
 Page 1 of 1

SECTION 1: PROJECT INFORMATION

DATE:	Oct 25, 2022	COUNTY:	Fayette	ITEM #:	Contract Sup. #4
PROJECT:	Clays Mill Road - Culvert Modification				
DESC:	Redesign Wings to accommodate current site conditions.				

SECTION 2: BUDGET INFORMATION

FEE CONSIDERATIONS	PROPOSED HOURS	NEGOTIATED HOURS	AVERAGE RATE	ESTIMATED COST
Structural Design / Plans (Engineer Rate)	24		\$ 46.04	\$ 1,104.96
Structural Design / Plans (Senior Engineer Rate)	90		\$ 67.23	\$ 6,050.70
Proj. Mgt / Meetings (Sr. Proj. Manager Rate)	24		\$ 91.65	\$ 2,199.60
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL PRODUCTION HOURS & PAYROLL	138			\$ 9,355.26

	OVERHEAD (152.85 %)	\$ 14,299.51
	PROFIT (15.00 %)	\$ 3,548.22
	COST OF MONEY (0.09 %)	\$ 8.42

DIRECT COSTS	AMOUNT
TOTAL DIRECT COSTS	\$ -

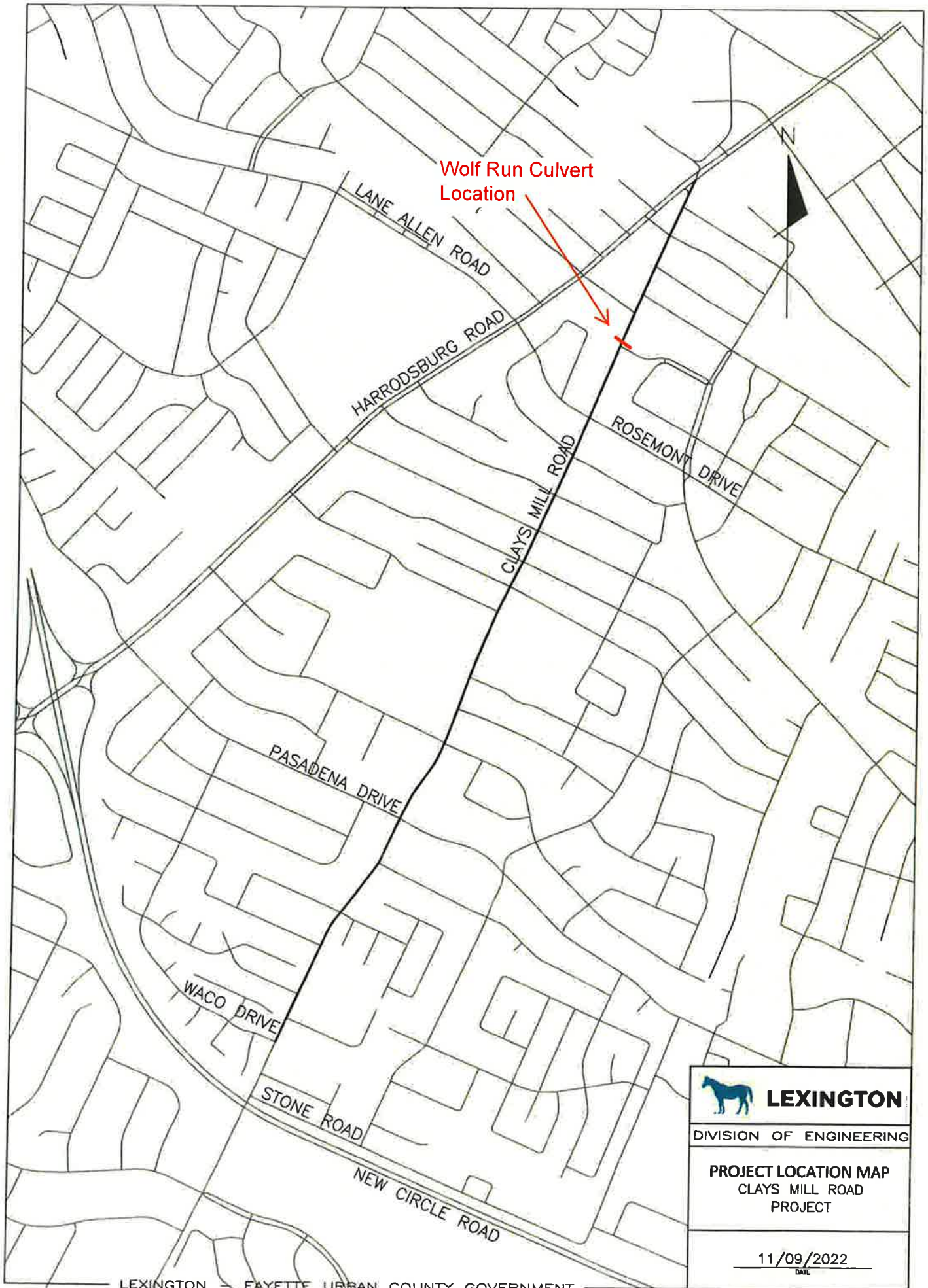
SUBCONSULTANTS	AMOUNT
TOTAL SUBCONSULTANTS	\$ -

	TOTAL FEE	\$ 27,211
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SECTION 3: SIGNATURE

*Rounded to the nearest dollar

FIRM NAME:	SIGNED BY:
CONSULTANT SIGNATURE	Vice President
	10/24/2022
	DATE
PROFESSIONAL SERVICES SIGNATURE	TITLE
	DATE



Wolf Run Culvert
Location

LANE ALLEN ROAD

HARRODSBURG ROAD

CLAYS MILL ROAD

ROSEMONT DRIVE

PASADENA DRIVE

WACO DRIVE

STONE ROAD

NEW CIRCLE ROAD

	LEXINGTON
DIVISION OF ENGINEERING	
PROJECT LOCATION MAP CLAYS MILL ROAD PROJECT	
11/09/2022 <small>DATE</small>	