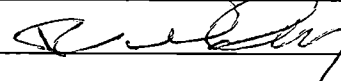


LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER	DATE:	September 28, 2020
	Contract Modification:	No.3
	CONTRACT #:	225-2019

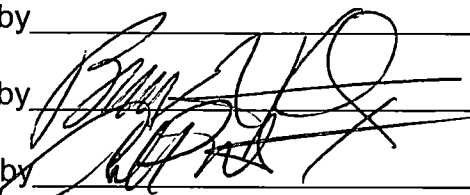
PROJECT: Manchester and Willard St. Sanitary Sewer Improvements
 Bid No. 79-2019
 Resolution No. 558-2019

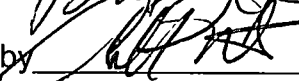
TO: Lagco, Inc.
 PO Box 12510
 Lexington, KY 40583

Original Contract Amount	\$1,683,780.00
Cumulative Amount of Previous Contract Modifications	\$597,050.00
Percent Change of Previous Contract Modifications	35%
Existing Contract Amount	\$2,280,830.00
Net (increase/decrease) in Contract Amount - (From following pages)	\$52,436.21
Percent Change of This Contract Modification	3%
Original Contract Amount	\$1,683,780.00
Cumulative Amount of all Contract Modifications	\$649,486.21
Percent Change of all Contract Modifications	39%
New Contract Amount Including this Change Order	\$2,333,266.21

Recommended by  (Proj. Engr.) Date 9/29/2020

Accepted by _____ (Consultant) Date _____

Accepted by  (Contractor) Date 9/29/2020

Approved by  (Director) Date 9/30/20

Approved by Nancy Albright (Commissioner) Date 10/7/20

Approved by Linda Gorton (Mayor or CAO) Date 10/27/2020

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT

CONTRACT MODIFICATION

DATE: September 28, 2020

Contract Mod #: No.3

CONTRACT #: 225-2019

Project: Manchester and Willard St. Sanitary Sewer Improvements

TO: Lagco, 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	Milling and Asphalt Paving (Attached Itemization)	LS	1	\$ 137,296.00	\$ -	\$ 137,296.00
2	ADD	Extra Sinage and Labor to Install	LS	1	\$ 3,463.79		\$ 3,463.79
3	ADD	3 Variable Message Boards	LS	1	\$ 17,810.91	\$ -	\$ 17,810.91
4	ADD	Replace and Install 6" Laterals Including Mainline Tees and Row Cleanout in the Sidewalk	EA	2	\$ 6,357.00	\$ -	\$ 12,714.00
5	ADD	Verification of Lateral Activity	EA	10	\$ 256.00		\$ 2,560.00
6	ADD	T&M for 2 extra Laterals Tied to a 24" x 6" Tee	LS	1	\$ 815.01		\$ 815.01
7	ADD	Removal of Concrete Under Roadway Surface	LS	1	\$ 6,459.18	\$ -	\$ 6,459.18
8	ADD	Extra Width Trench due to Falling Ditch Banks and Hauling off Extra Soil.	LS	1	\$ 155,142.00	\$ -	\$ 155,142.00
9	ADD	Storm Box and Pipe in the Trench had to be Replaced	LS	1	\$ 4,086.77	\$ -	\$ 4,086.77
10	DEL	Remove 24" VCP Pipe and Replace with 24" PVC(SDR26) Sanitary Sewer Pipe Including Stone	LF	83	\$ 323.00	\$ 26,809.00	\$ -
11	DEL	Remove 8" VCP and Replace with 8" PVC(SDR26) Sanitary Sewer Pipe Including Stone Backfill	LF	7	\$ 35.00	\$ 245.00	\$ -
12	DEL	Remove and Replace Manholes per the Drawings	EA	1	\$ 9,233.00	\$ 9,233.00	\$ -
13	DEL	Rock Excavation (Mechanical)	CY	917.33	\$ 65.00	\$ 59,626.45	\$ -
14	DEL	Bituminous Pavement Zone Fill-Flowable Fill	CY	1399	\$ 105.00	\$ 146,895.00	
15	DEL	Bituminous Pavement Zone Fill-6" Concrete	CY	40	\$ 131.00	\$ 5,240.00	\$ -
16	DEL	Bituminous Pavement Zone Fill-2" Bituminous Surface Mix Installed	TON	144	\$ 257.00	\$ 37,008.00	\$ -
17	DEL	Pavement Striping	LF	4000	\$ 0.50	\$ 2,000.00	\$ -
18	DEL	Post Construction CCTV Inspection	LF	190	\$ 4.50	\$ 855.00	\$ -
19	ADD	120 Calendar Days to the Construction Schedule (Contract Extended to October 31,2020)				\$ -	\$ -
Total decrease						\$ 287,911.45	
Total increase							\$ 340,347.66
Net (increase) in contract price							\$ 52,436.21

JUSTIFICATION FOR CHANGE

PROJECT:	Manchester and Willard St. Sanitary Sewer Improvements
CONTRACT NO.	225-2019
CHANGE ORDER:	No. 3

1. Necessity for change:
Additional work due to unanticipated field conditions uncovered after beginning excavation. Additional Milling and asphalt Paving has been added as requested by KYDOT. To delete bid items that are not necessary for the project completion. Contract time extension is to allow the completion of Milling and Asphalt Paving.
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: Extend Construction 120 Calendar Days
(October 31, 2020)

Rinda Gorton

Mayor

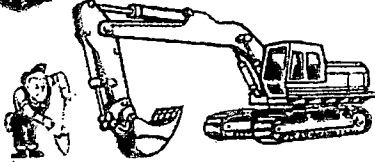
Date

10/27/2020

Sanitary Sewer Improvements Manchester & Willard Street's Change Order #3 Information

Item #	Add/ Del	Line Item #	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price
1	Del	1	Remove 24" VCP and Replace with 24" PVC (SDR26) Sanitary Sewer Pipe Including Stone Backfill	LF	83	\$323.00	\$26,809.00	
2	Del	2	Remove 8" VCP and Replace with 8" PVC (SDR26) Sanitary Sewer pipe including stone backfill	LF	7	\$35.00	\$245.00	
3	Del	3	Remove and Replace manholes per the drawings	EA	1	\$9,233.00	\$9,233.00	
4	Add	4	Replace and install 6 inch laterals including mainline tees and row cleanout in the sidewalk	EA	2	\$6,357.00		\$12,714.00
5	Del	5	Rock Excavation (Mechanical)	CY	917	\$65.00	\$59,626.45	
6	Del	6	Bituminous Pavement Zone Fill- Flowable Fill	CY	1399	\$105.00	\$146,895.00	
7	Add	7	Verification of Later activity	EA	10	\$256.00		\$2,560.00
8	Del	8	Bituminous Pavement Zone Fill- 6" Concrete	CY	40	\$131.00	\$5,240.00	
9	Del	9	Bituminous Pavement Zone Fill- 2" Bituminous Surface Mix installed	TON	144	\$257.00	\$37,008.00	
10	Del	10	Pavement Striping- Permanent Paint	LF	4000	\$0.50	\$2,000.00	
11	Del	16	Post Construction CCTV Inspection	LF	190	\$4.50	\$855.00	
12	Add	N/A	Extra signage and labor to install	LS	1	\$3,463.79		\$3,463.79
13	Add	N/A	3 Variable message boards	LS	1	\$17,810.91		\$17,810.91
14	Add	N/A	Removal of concrete under roadway surface	LS	1	6459.18		\$6,459.18
15	Add	N/A	Cost associated with extra width trench due to cave in of ditch banks, hauling off of the soils	LS	1	\$155,142.00		\$155,142.00
16	Add	N/A	New storm box and pipe in trench that had to be replaced	LS	1	\$4,086.77		\$4,086.77
17	Add	N/A	T&M for 2 extra laterals tied to a 24" x 6" tee	LS	1	\$815.01		\$815.01
18	Add	N/A	T&M for items for support of milling and asphalt paving by others	LS	1	\$137,296.00		\$137,296.00
Totals							\$287,911.45	\$340,347.66
Grand Total C.O. #3								\$52,436.21

LAGCO



EXCAVATION

P.O. Box 12510 * Lexington, Kentucky 40583
PHONE: (859) 293-7473 * FAX: (859) 293-7471

LFUCG
301 Lisle Industrial Avenue
Lexington, KY 40511
Attn: Rick Day

9/25/20

Dear Rick,

Below is our budget price for the following T&M items for the support of the milling and asphalt paving at the Manchester Street Sanitary Sewer project.

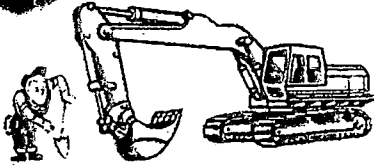
Milling budget	1,500/day (est 5 days)	\$ 75,000.00
Profit for the milling sub-contractor		\$ 11,250.00
Four trucks for 10 hours a day and four days - These trucks are tri-axle dump trucks holding 12 to 15 cubic yards per truck		
Show-up time will be a minimum of 2 hours per truck		
160 hours @ \$100.00/hr (est 160 hrs)		\$ 16,000.00
Traffic control budget		\$ 10,000.00
Profit for the traffic control		\$ 1,500.00
Demo 6'x6' concrete around 8 manholes - \$1,350.00 ea		\$ 10,800.00
Backhoe with hammer for 40 hours	\$2.50/hr (est 40 hrs)	\$ 2,100.00
Skid steer for 40 hours	28.75/hr 40 hrs →	\$ 1,150.00
Supervisor for 40 hours @ \$75.00/hr	est 40 hrs	\$ 3,000.00
1 operator for 40 hours @ \$65.00/hr		\$ 2,600.00
1 laborer for 40 hours @ \$50.00/hr		\$ 2,000.00
Bond charges are in addition at a rate of 1.4 percent		\$ 1,896.00
Total budget price		\$ 137,296.00

We exclude any overtime. Overtime payment will be charged at 1-1/2 times the hourly rates above. We also exclude any broom work. Please call me if you have any questions.

Sincerely,

Bruce G. Kuntz
Lagco, Inc.

LAGCO



EXCAVATION

P.O. Box 12510 * Lexington, Kentucky 40583
PHONE: (859) 293-7473 * FAX: (859) 293-7471

LFUCG
301 Lisle Industrial Avenue
Lexington, KY 40511
Attn: Rick Day

9/25/20

Dear Rick,

Below is our budget price for the following T&M items for the support of the milling and asphalt paving at the Manchester Street Sanitary Sewer project.

Milling budget	1,500/day (est 5 days)	\$ 75,000.00
Profit for the milling sub-contractor		\$ 11,250.00
Four trucks for 10 hours a day and four days - These trucks are tri-axle dump trucks holding 12 to 15 cubic yards per truck		
Show-up time will be a minimum of 2 hours per truck		
160 hours @ \$100.00/hr (est 160 hrs)		\$ 16,000.00
Traffic control budget		\$ 10,000.00
Profit for the traffic control		\$ 1,500.00
Demo 6'x6' concrete around 8 manholes - \$1,350.00 ea		\$ 10,800.00
Backhoe with hammer for 40 hours	52.50/hr (est 40 hrs)	\$ 2,100.00
Skid steer for 40 hours	28.75/hr 40 hrs →	\$ 1,150.00
Supervisor for 40 hours @ \$75.00/hr	est 40 hrs	\$ 3,000.00
1 operator for 40 hours @ \$65.00/hr		\$ 2,600.00
1 laborer for 40 hours @ \$50.00/hr		\$ 2,000.00
Bond charges are in addition at a rate of 1.4 percent		\$ 1,896.00
Total budget price		\$ 137,296.00

3 additional variable message boards requested	
@ \$700.00 ea/month	\$ 2,100.00
15% profit	<u>\$ 315.00</u>
Sub-total	\$ 2,415.00
Rental for 7 months @ \$2,415.00/month	\$ 16,905.00
Labor - 12 hours @ \$55.00/hr	<u>\$ 660.00</u>
Sub-Total	\$ 17,565.00
Bond expenses @ .014	<u>\$ 245.91</u>
Total	\$ 17,810.91

Demo of concrete cap over the entire trench	
Manchester Street - 1600' x 10' x 6" - 296.3 cy @ \$65.00 ^{20.00} /cy	\$ 19,259.50 ^{\$5,726.00}
Willard Street - 300' x 4' x 6" - 22.2 cy @ \$65.00 ^{20.00} /cy	<u>\$ 1,443.00</u> ^{\$ 444.00}
	\$ 20,702.50 ^{6,370.00}
Bond expenses @ .014	<u>\$ 289.84</u> ^{\$ 89.18}
Total	\$ 20,992.34 ^{6,459.18}

Additional excavation due to cave-ins

1) We estimated our ditch to be approximately six (6) feet wide. Due to cave ins, our ditch has been averaging approximately sixteen (16) feet wide. This has increased our excavation by almost triple as well as our export and has delayed our progress. These are real costs and we would like to request a change order for the additional costs.

A) Additional excavation for a sixteen-foot-wide trench vs. a six-foot-wide trench approximately 598 linear feet. This is an additional 5095 cy of excavation. At 149 cy per day, this is an additional 34 days at a cost of \$250.00 per hour, this is an additional \$85,000.00.

B) Additional export due to the additional excavation using two trucks for 34 days at 10 hours per day and \$100.00 per hour, this is an additional cost of \$68,000.00.

Sub-Total	\$ 153,000.00
Bond expenses @ .014	<u>\$ 2,142.00</u>
Total	\$ 155,142.00

New storm box and piping in trench	
Material	\$ 1,775.35
Labor - 41 hours @ \$55.00/hr	\$ 2,255.00
Sub-total	\$ 4,030.35
Bond expenses @ .014	\$ 56.42
Total	\$ 4,086.77

Two additional laterals tied together attached to one 24x6 tee	
Material - 253.81 x 15%	\$ 291.88
Labor - 2 hours @ \$55.00/hr	\$ 110.00
Total each	\$ 401.88

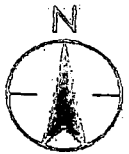
Two total laterals were added for a combined 24x6 tee	
<u>x2</u>	
Total of two	\$ 803.76
Bond expenses @ .014	\$ 11.25
Total	\$ 815.01

Grand total for all additions	\$ 202,310.82 / 87,777.66
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Please call me with any questions.

Sincerely,

Bruce G. Kuntz
Lagco, Inc.

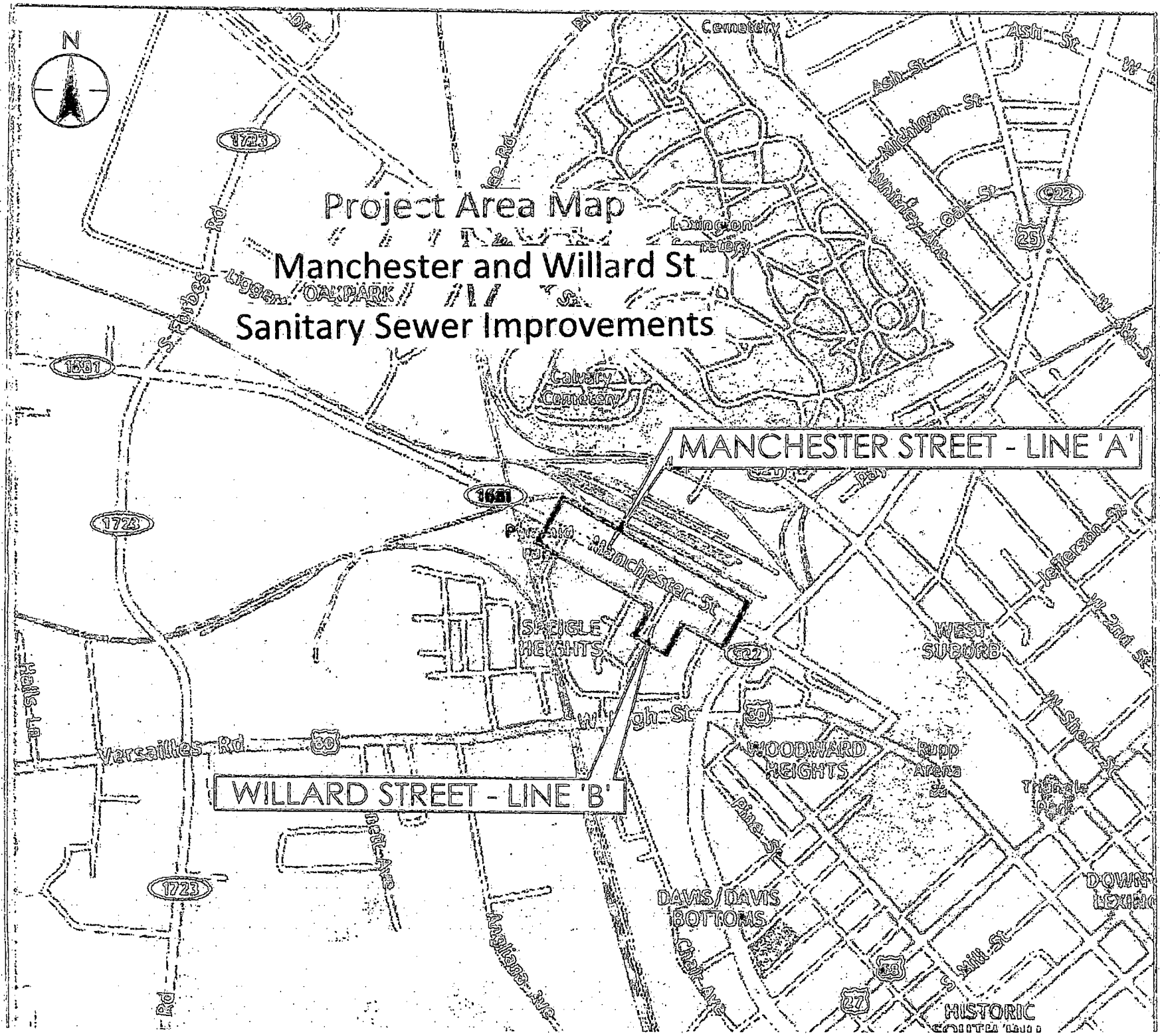


Project Area Map

Manchester and Willard St Sanitary Sewer Improvements

MANCHESTER STREET - LINE 'A'

WILLARD STREET - LINE 'B'



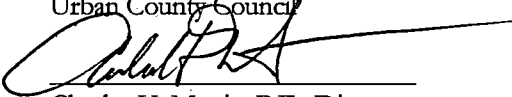
MAYOR LINDA GORTON



LEXINGTON

CHARLES H. MARTIN, P.E.
DIRECTOR
WATER QUALITY

TO: Mayor Linda Gorton
Urban County Council

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

DATE: September 28, 2020

SUBJECT: Change Order No. 3 – Manchester and Willard St. Sanitary Sewer Improvements,
Contract No. 225-2019

Request

The Division of Water Quality requests authorization to execute Change Order No. 3 to the agreement with Lagco, Inc. for the Manchester and Willard St. Sanitary Sewer Improvements project, increasing the contract price by the sum of \$52,436.21 from \$2,280,830.00 to \$2,333,266.21 and extending the contract term 120 calendar days from July 3, 2020 to October 31, 2020.

Why are you requesting?

The requested change is for additional work due to unanticipated field conditions uncovered after beginning excavation. Additional surface milling and asphalt resurfacing is being added to the project at direction of the Kentucky Transportation Cabinet (KYTC). The contract time extension of (120) calendar days is necessary to complete the additional surface milling and asphalt resurfacing.

What is the cost in this budget year and future budget years?

The cost for this FY is: \$52,436.21
The cost for future FY is: N/A

Are the funds budgeted?

Budgeted In: 4003-303408-3468-92811 2020 LFUCG MANCHESTER_2020 CONSTRUCT

Martin / Albright

