



Lexington-Fayette Urban County Government  
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL QUALITY

Jim Gray  
Mayor

David L. Holmes  
Commissioner

**Memorandum**

To: Urban County Council  
Meredith Nelson, Council Clerk

From: Courtney Thacher *CT*  
Administrative Specialist Principle for Remedial Measures Program

Date: February 11, 2015

Re: Change Order 2 – Final Adjusting for Century Hills Trunk RMP Project

This memorandum is to notify the Urban County Council of the final adjusting change order for the Century Hills Trunk Sewer Replacement Remedial Measure Project. Under CAO policy 15R the Remedial Measures Program Manger is allowed to approve change orders of less than 5% of the cumulative contract award. Change order 2 is adjusting the final quantities actually installed and contract time for Century Hills. The result of the adjustment is to increase the original contract amount by \$13,640.63 or 1.3%, and an increase of contract time by 148 days.

Should you have any questions, please contact me at 425-2439.

pc: Vernon Azevedo, P.E., Remedial Measures Program Manager  
Charles Martin, P.E., Director of Water Quality  
David Holmes, Commissioner  
Doug Baldwin, P.E., Project Manager  
File

**SANITARY SEWERS REMEDIAL MEASURES PLAN CONTRACT CHANGE ORDER FORM**

Project Name: Century Hills Trunk Sewer Replacement  
 Contractor: Todd Johnson Contracting, Inc.  
 Contract Number: 122-2013  
 RMP Project ID: EH12  
 Change Order ID Number: 2-Final Adjusting  
 Applicable Tier: 1

**CHANGE ORDER DETAILS**

Contract Amount	<u>\$1,131,904.45</u>	Contract Time	<u>180</u>
Original Contract Amount:	<u>\$1,131,904.45</u>	Original Contract Time	<u>180</u>
Change in Contract Amount	<u>\$13,640.63</u>	Change in Contract Time	<u>148</u>
New Contract Amount:	<u>\$1,145,545.08</u>	New Contract Time	<u>328</u>

**JUSTIFICATION FOR CHANGE ORDER**

- Item 1 - adjustment of contract time due to weather delays in January and February 2014
- Item 2 - manhole E-1 sewer connection size increase
- Item 3 - temporary fence and culvert cleanout
- Item 4 - adjustment of contract time due to weather, road bore and utility conflict delays
- Item 5 - adjustment of contract time due to weather delays in October and November 2014
- Item 6 - adjustment in contract amount due to final adjustment of installed quantities

**REQUIRED SIGNATURES**

Tier 1  2-10-15  
 Remedial Measures Plan or Construction Manager Date

Tier 2 \_\_\_\_\_  
 Remedial Measures Plan or Construction Manager Date

\_\_\_\_\_  
 Director of the Division of Water Quality Date

\_\_\_\_\_  
 Director of the Division of Purchasing Date

**URBAN COUNTY COUNCIL NOTIFICATION**

\_\_\_\_\_  
 Employee Submitting Notification Date

**Change Order No. 2 (Final Adjusting)**  
**Remedial Measures Plan (RMP)**  
**Division of Water Quality**  
**Lexington-Fayette Urban County Government (LFUCG)**

Date of Issuance: January 8, 2015	Effective Date: January 8, 2015
Owner: Lexington-Fayette Urban County Government (LFUCG)	Owner's Bid No.: 122-2013
Contractor: Todd Johnson Contracting Inc.	Contractor's Project No.:
Engineer: CDP Engineers	Engineer's Project No.: 12054
Project: Century Hills Trunk Sewer Replacement (EH12)	Contract Name:

The Contract is modified as follows upon execution of this Change Order: (see attached summary)

Description:

- Item 1** – see Attachment 1, time extension of 51 calendar days
- Item 2** – see Attachment 2, modification of MH E-1 at an increase of \$1,324.23 to the contract amount and a time extension of 5 calendar days to perform the work.
- Item 3** – see Attachment 3, temporary privacy fence installation and culvert cleanout at an increase of \$7,705.00 to the contract amount and a time extension of 5 calendar days to perform the work.
- Item 4** – see Attachment 4, time extension of 69 calendar days
- Item 5** – see Attachment 5, time extension of 18 calendar days
- Item 6** - see Attachment 6, Actual quantities installed adjustment: increase in the amount of \$4,611.40.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: <u>\$1,131,904.45</u>	Original Contract Times: Substantial Completion: <u>180</u> Ready for Final Payment: <u>July 1, 2014</u> dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : <u>\$ 13,640.63</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : Substantial Completion: <u>180</u> Ready for Final Payment: <u>180</u> days
Contract Price prior to this Change Order: <u>\$ 1,131,904.45</u>	Contract Times prior to this Change Order: Substantial Completion: <u>July 1, 2014</u> Ready for Final Payment: <u>July 1, 2014</u> dates
[Increase] [Decrease] of this Change Order: <u>\$ 13,640.63</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>148 days</u> Ready for Final Payment: <u>148 days</u> days
Contract Price incorporating this Change Order: <u>\$ 1,145,545.08</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>November 6, 2014</u> Ready for Final Payment: <u>November 6, 2014</u> dates

RECOMMENDED (Engineer):

By: *Jonathan Thoma*  
 Title: Project Manager  
 Date: 2/3/15

ACCEPTED (Contractor):

By: *[Signature]*  
 Title: Superintendent  
 Date: 2-9-15

ACCEPTED (Owner: LFUCG)

By: *Vunou Azardo*  
 Title: Remedial Measures Plan (RMP) Program Manager  
 Date: 2-10-15

Approved by Funding Agency  
(If applicable):

By: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_



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January 8, 2015

Mr. Doug Baldwin  
Division of Water Quality  
Lexington-Fayette Urban County Government  
125 Lisle Industrial Avenue, Suite 180  
Lexington, KY 40511

Re: Final Adjusting Change Order  
Century Hills Trunk Sewer Replacement  
KIA Loan No. A13-003, Project No. SX21067039

Dear Mr. Baldwin,

We recommend approval and execution of the final adjusting change order delivered to you on January 8<sup>th</sup>, 2015. The change order is a total increase for the contract in the amount of \$13,640.63 with \$4,611.40 being for the adjustment of quantities installed and \$9,029.23 being for additional work performed. Additionally, the change order adjusts the construction period by adding 148 calendar days for a total of 328 calendar days construction period. The additional days were related to poor weather conditions, delays due to cable TV/internet utilities in conflict with construction, and road bores.

Please refer to the attached supporting documents for the final adjusting change order dated January 8, 2015 for more information.

If you have any questions please contact me at 859-264-7500 or [jnieman@cdpengineers.com](mailto:jnieman@cdpengineers.com).

Sincerely,

A handwritten signature in black ink that reads "Jonathan E. Nieman". The signature is written in a cursive, flowing style.

Jonathan Nieman, PE  
Project Manager

12054





March 14, 2014

Mr. Doug Baldwin  
Division of Water Quality  
Lexington-Fayette Urban County Government  
125 Lisle Industrial Avenue, Suite 180  
Lexington, KY 40511

Re: Time Extension Request Recommendation  
Century Hills Trunk Sewer Replacement  
KIA Loan No. A13-003, Project No. SX21067039

Dear Mr. Baldwin,

We received a letter from Todd Johnson Contracting Inc. dated March 14, 2014, concerning extension of time due to weather days during January and February. Todd Johnson Contracting is requesting a time extension of fifty one (51) days. CDP Engineers has reviewed this request and discussed it with the projects RPR Odus Baker and found the request to be reasonable and justified.

CDP Engineers recommends a total time extension of fifty one (51) days for this request which extends the completion date to August 20<sup>th</sup>, 2014.

If you have any questions please contact me at 859-264-7500 or [jnieman@cdpengineers.com](mailto:jnieman@cdpengineers.com).

Sincerely,

A handwritten signature in black ink that reads "Jonathan E. Nieman".

Jonathan Nieman, PE  
Project Manager

12054



**TODD JOHNSON  
CONTRACTING, INC.**

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497 Dillehay Street  
Danville, Ky. 40422  
Phone 859-238-9489  
Fax 859-236-8977

March 14, 2014

Lexington Fayette Urban County Government  
200 E. Main Street  
Lexington, KY 40507

RE: Century Hill Trunk Sewer Replacement  
Bid #122-2013

Todd Johnson Contracting, Inc. is requesting additional work days for the Century Hill Trunk Sewer Replacement Project, due to inclement weather for the month of January and February 2014.

Comparison for temperature averages from 2009 to 2014 are as follows:

January 2009 Min Average 20 Degrees Max Average 37 Degrees	February 2009 Min Average 28 Degrees Max Average 47 Degrees
January 2010 Min Average 22 Degrees Max Average 35 Degrees	February 2010 Min Average 22 Degrees Max Average 36 Degrees
January 2011 Min Average 22 Degrees Max Average 35 Degrees	February 2011 Min Average 29 Degrees Max Average 48 Degrees
January 2012 Min Average 27 Degrees Max Average 47 Degrees	February 2012 Min Average 31 Degrees Max Average 49 Degrees
January 2013 Min Average 28 Degrees Max Average 44 Degrees	February 2013 Min Average 26 Degrees Max Average 44 Degrees
January 2014 Min Average 16 Degrees Max Average 32 Degrees	February 2014 Min Average 21 Degrees Max Average 41 Degrees

Inclement weather produces risk to products, equipment and safe working conditions. Working in freezing rain, ice and snow, with high winds creates dangerous situations and a disordered worksite.

As the average show the weather for 2014 was the coldest and had the most precipitation of all six years.

We are requesting an extension of days for the entire month of January and twenty days extension for February.

Jeremy Johnson  
Project Manager



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July 15, 2014

Mr. Doug Baldwin  
Division of Water Quality  
Lexington-Fayette Urban County Government  
125 Lisle Industrial Avenue, Suite 180  
Lexington, KY 40511

Re: Manhole E-1 Modification Recommendation  
Century Hills Trunk Sewer Replacement  
KIA Loan No. A13-003, Project No. SX21067039

Dear Mr. Baldwin,

We received a letter from Todd Johnson Contracting Inc. dated July 14, 2014, concerning the modification of proposed Manhole E-1. Field inspection indicated that the existing sewer proposed for connection to MH E-1 is 10-inch instead of 8-inch as shown on the contract drawings. TJC proposes to enlarge the opening into MH E-1 to accept the 10-inch sewer. Work includes core drilling the manhole and installation of a larger size connection boot. TJC is requesting \$1,324.23 to perform this work and a time extension of five (5) days. CDP Engineers has reviewed this request and discussed it with the projects RPR Odus Baker and found the request to be reasonable and justified.

CDP Engineers recommends an increase to the total contract price of \$1,324.23 and a time extension of five (5) days for this request.

If you have any questions please contact me at 859-264-7500 or [jnieman@cdpengineers.com](mailto:jnieman@cdpengineers.com).

Sincerely,

A handwritten signature in black ink that reads "Jonathan E. Nieman". The signature is written in a cursive, flowing style.

Jonathan Nieman, PE  
Project Manager

12054





**TODD JOHNSON  
CONTRACTING, INC**

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**497 Dillehay Street  
Danville, KY 40422  
(859)238-9489**

July 14, 2014

To: Jonathan Nieman

Subject: Change Order Century Hills

Jonathan,

Todd Johnson Contracting requests the following change order for modifications to manhole E-1 on the Century Hills project.

(1) Core Drill 14" hole in manhole	\$400.00
(2) material and parts	\$210.00
Ferguson water works parts	\$141.94
(3) labor	\$400.00
(4) overhead & profit 15%	\$172.29

**TOTAL \$1324.23**

This process was rushed as much as possible but still has cost Todd Johnson Contracting 5 working days. For this reason TJC is asking for 5 days to be added to the contract time.

Thank You,

Joseph Curlis  
Todd Johnson Contracting, Inc.



July 21, 2014

Mr. Doug Baldwin  
Division of Water Quality  
Lexington-Fayette Urban County Government  
125 Lisle Industrial Avenue, Suite 180  
Lexington, KY 40511

Re: Temporary Privacy Fence and Culvert Cleanout Recommendation  
Century Hills Trunk Sewer Replacement  
KIA Loan No. A13-003, Project No. SX21067039

Dear Mr. Baldwin,

We received a letter from Todd Johnson Contracting Inc. dated July 21, 2014, concerning the installation of a temporary privacy fence at 1369 Grafton Court and removal of debris from the culvert under the Squires Bike Path. The temporary privacy fence is at the request of the property owner at 1369 Grafton Court where there is a lot of construction activity occurring due to the close proximity to the sites construction entrance. Cleanout of the culvert is necessary due to the large amount of woody debris clogging the entrance which has the potential to block stream flow and flood a portion of property located at 1369 Grafton Court.

TJC is requesting \$7,705.00 to perform this work and a time extension of five (5) days. CDP Engineers has reviewed this request and discussed it with the projects RPR Odus Baker and found the request to be reasonable and justified.

CDP Engineers recommends an increase to the total contract price of \$7,705.00 and a time extension of five (5) days for this request.

If you have any questions please contact me at 859-264-7500 or [jnieman@cdpengineers.com](mailto:jnieman@cdpengineers.com).

Sincerely,

A handwritten signature in black ink that reads "Jonathan E. Nieman". The signature is written in a cursive, flowing style.

Jonathan Nieman, PE  
Project Manager

12054



**TODD JOHNSON  
CONTRACTING, INC**

**497 Dillehay Street  
Danville, KY 40422  
(859)238-9489**

July 21, 2014

To: Jonathan Nieman

Subject: Change Order Century Hills

Jonathan,

It is my understanding that Jeremy and Doug Baldwin came to an agreement on the Janice Trailer Property change order as follows:

(1) Clean out culver under Squires Bike Path	Labor 10 hrs @\$100/hr	\$1,000.00
(2) Put up privacy fence 6ft tall x 115 long	Fence 115 ft@\$35/ft	\$4,025.00
(3) Remove privacy fence	115 ft lump sum	\$1,000.00
(4) Construct Entrance:	168ft @ \$7.09/ft	\$1,176.00
	Includes 28 "T" posts and 14 Corral panels 12ft long	
(5) Remove Corral panels and "T" posts	168 ft @ \$3.00/ft	\$504.00

At the end of the project, the Corral panels and "T" posts to remain the property of Todd Johnson Contracting, Inc. Overhead and profit are included in the costs.

**TOTAL PROJECT COST \$7,705.00**

We would like to request 5 days with this change order.

Thank You,

Joseph Curlis  
Todd Johnson Contracting, Inc.



October 8, 2014

Mr. Doug Baldwin  
Division of Water Quality  
Lexington-Fayette Urban County Government  
125 Lisle Industrial Avenue, Suite 180  
Lexington, KY 40511

Re: Time Extension Request Recommendation  
Century Hills Trunk Sewer Replacement  
KIA Loan No. A13-003, Project No. SX21067039

Dear Mr. Baldwin,

We received a letter from Todd Johnson Contracting Inc. dated October 6, 2014, concerning extension of time due to weather days during August and delays for utility work by Time Warner Cable. Todd Johnson Contracting is requesting a time extension of sixty nine (69) days. CDP Engineers has reviewed this request and discussed it with the projects RPR Odus Baker and found the request to be reasonable and justified.

CDP Engineers recommends a total time extension of sixty nine (69) days for this request which extends the completion date to November 7<sup>th</sup>, 2014.

If you have any questions please contact me at 859-264-7500 or [jnieman@cdpengineers.com](mailto:jnieman@cdpengineers.com).

Sincerely,

A handwritten signature in black ink that reads "Jonathan E. Nieman".

Jonathan Nieman, PE  
Project Manager

12054



**TODD JOHNSON  
CONTRACTING, INC**

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497 Dillehay Street  
Danville, KY 40422  
(859)238-9489

October 6, 2014

Jonathan,

The road bore under Man O' War was estimated to take 13 days: 2 days to dig bore pit, 9 days to bore the road (@20' per day), and 2 days to fill and clean the area. The actual time to bore the road took 39 working days. This is broken down into three areas: (1) projected time 13 days, (2) rain days were that were actually raining and no drilling could be done for 5 days and (3) the soil conditions slowed down the bore by 13 days to 8.1' per day. Todd Johnson Contracting is asking for the 21 days for unforeseeable soil conditions.

A Time Warner Cable TV cable was found in the ditch for approximately 700' and it took them 13 days to relocate. Three rain days are located in this time frame therefore Todd Johnson Contracting is asking for 10 days.

The weather days or rain days was collected by the Inspector on the project, Otis Baker, at 38 days and confirmed by Todd Johnson Contracting.

Adding the three items together, Todd Johnson Contracting is asking for the following:

Road Bore – Man O' War	21 Days
Time Warner delay	10 Days
Rain days	38 Days
<b>TOTAL</b>	<b>69 Days</b>

Attached is the list as reported by Otis Baker of Vision Engineering for the 38 weather or rain days.

Thank You  
Joseph Curlis  
Todd Johnson Contracting, Inc.

## Rain / site condition days for Century Hills Trunk Sewer Project

1	3-Oct rain	
2	16-Sep 0.6" rain	
3	12-Sep muddy	
4	11-Sep 2.4" rain	
5	5-Sep muddy	
6	4-Sep 0.20" rain	
7	3-Sep muddy	
8	2-Sep muddy	0.80" rain over weekend
9	28-Aug muddy	0.20" rain on 8-27 late
10	25-Aug muddy	1.7" rain over weekend
11	22-Aug muddy	
12	21-Aug muddy	0.40" rain
13	19-Aug muddy	
14	18-Aug 1" rain	
15	13-Aug muddy	
16	12-Aug muddy	
17	11-Aug 3.7" rain	
18	28-Jul muddy	1.5" rain on 7-27 late
19	21-Jul 1.10" rain	
20	15-Jul muddy	
21	14-Jul 0.60" rain	
22	30-Jun 0.5" rain	
23	20-Jun slippery - 0.09" rain	0.17" rain on 6-19 late
24	12-Jun muddy	
25	6-Jun muddy	
26	5-Jun 2.3" rain	
27	4-Jun 1.79" rain	
28	28-May muddy	0.34" rain
29	23-May muddy	
30	22-May muddy	0.33" rain
31	21-May 1.11" rain	
32	16-May muddy	0.3" rain
33	15-May muddy	0.46" rain
34	14-May 0.56" rain	
35	12-May 1.52" rain over weekend	
36	30-Apr muddy	0.35" rain
37	29-Apr 1.85" rain	
38	28-Apr 0.88" rain	



November 21, 2014

Mr. Doug Baldwin  
Division of Water Quality  
Lexington-Fayette Urban County Government  
125 Lisle Industrial Avenue, Suite 180  
Lexington, KY 40511

Re: Time Extension Request Recommendation  
Century Hills Trunk Sewer Replacement  
KIA Loan No. A13-003, Project No. SX21067039

Dear Mr. Baldwin,

We received a letter from Todd Johnson Contracting Inc. dated November 21, 2014, concerning extension of time due to weather days during October and November. Todd Johnson Contracting is requesting a time extension of eighteen (18) days due to inclement weather and muddy conditions. CDP Engineers has reviewed this request and discussed it with the projects RPR Odus Baker and found the request to be reasonable and justified.

CDP Engineers recommends a total time extension of eighteen (18) days for this request which extends the completion date to November 25<sup>th</sup>, 2014.

If you have any questions please contact me at 859-264-7500 or [jnieman@cdpengineers.com](mailto:jnieman@cdpengineers.com).

Sincerely,

A handwritten signature in black ink that reads "Jonathan E. Nieman". The signature is written in a cursive, flowing style.

Jonathan Nieman, PE  
Project Manager

12054



**TODD JOHNSON  
CONTRACTING, INC**

**497 Dillehay Street  
Danville, KY 40422  
(859)238-9489**

November 21, 2014

To: Jonathan Nieman

Subject: Time Extension Request – Weather Days for October and November  
Century Hills Trunk Sewer

Jonathan,

Todd Johnson Contracting is requesting a time extension due to weather delays which occurred during the months of October and November 2014. From discussions between our project foreman Rick Mullins and the project RPR Odus Baker it was determined that a total of twelve (12) days in October and six (6) days in November could be classified as weather days. These are days on which it either rained, too muddy to work or low temperatures. Below is a list of the days TJC is wanting to claim.

October Days:

10-7 rain / muddy 0.70"  
10-8 muddy  
10-10 muddy  
10-13 rain / muddy 1.2" total over weekend  
10-14 muddy / rain 1.36"  
10-15 muddy / rain 2.5" total rain since 10-13  
10-16 muddy / rain 0.50"  
10-17 muddy  
10-20 muddy / rain 0.50"  
10-21 muddy  
10-29 muddy  
10-30 muddy

12 days for October

November Days:

11-5 muddy / rain 0.70"  
11-6 muddy  
11-12 muddy (rain late on 11-11)  
11-17 muddy / rain (0.59") / snow  
(1.5") with wind chill of 21 to 9  
11-18 temp 12 to 19, wind-chill; -1 to 9  
11-19 muddy

6 days for November

Thank You,

Joseph Curlis  
Todd Johnson Contracting, Inc.



ATTACHMENT NO. 6: TO CHANGE ORDER NO. 2: FINAL ADJUSTING  
ACTUAL QUANTITIES INSTALLED ADJUSTMENT - FINAL  
Century Hills Trunk Sewer Replacement  
For: Lexington-Fayette urban County Government  
Bid No. 122-2013, RMP No. EH 12  
By: CDP Engineers  
January 7, 2015

Todd Johnson Contracting Inc.  
497 Dillehay Street  
Danville, KY 40422

BID ITEM NO.	UNIT DESCRIPTION	UNITS	APPROX. QTY'S. BID	ACTUAL QTY'S. INSTALLED	DIFF. OF QTY'S.	UNIT PRICE	BID AMOUNT	ACTUAL INSTALLED AMOUNT	DIFF. OF AMOUNT
1	Mobilization	LS	1	1	0	\$ 29,158.53	\$ 29,158.53	\$ 29,158.53	\$ -
2	Bonds and Insurance	LS	1	1	0	\$ 36,782.91	\$ 36,782.91	\$ 36,782.91	\$ -
3	General Requirements	LS	1	1	0	\$ 18,868.69	\$ 18,868.69	\$ 18,868.69	\$ -
4	Demobilization	LS	1	1	0	\$ 19,194.17	\$ 19,194.17	\$ 19,194.17	\$ -
5	Erosion and Sediment Control and Conformance with SWPPP	LS	1	1	0	\$ 45,654.99	\$ 45,654.99	\$ 45,654.99	\$ -
6	8-inch Gravity Sewer Pipe, (DIP, FRP, RCP, PVC SDR 35), 0-6' depth	LF	69			\$ 43.85			
6a	Installation		69	52	17	\$ 30.70	\$ 2,117.96	\$ 1,595.88	\$ (522.08)
6b	Testing		69	52	17	\$ 6.58	\$ 453.85	\$ 342.16	\$ (111.69)
6c	Rough Grading & Cleanup		69	52	17	\$ 6.58	\$ 453.85	\$ 342.16	\$ (111.69)
7	8-inch Gravity Sewer Pipe, (DIP, FRP, RCP, PVC SDR 35), 6.1'-10' depth	LF	8			\$ 57.61			
7a	Installation		8	28	20	\$ 40.33	\$ 322.62	\$ 1,129.24	\$ 806.62
7b	Testing		8	28	20	\$ 8.64	\$ 69.13	\$ 241.92	\$ 172.80
7c	Rough Grading & Cleanup		8	28	20	\$ 8.64	\$ 69.13	\$ 241.92	\$ 172.80
8	10-inch Gravity Sewer Pipe, (DIP, FRP, RCP, PVC SDR 35), 6.1'-10' depth	LF	15			\$ 53.96			
8a	Installation		15	16	1	\$ 37.77	\$ 566.58	\$ 604.32	\$ 37.74
8b	Testing		15	16	1	\$ 8.09	\$ 121.41	\$ 129.44	\$ 8.03
8c	Rough Grading & Cleanup		15	16	1	\$ 8.09	\$ 121.41	\$ 129.44	\$ 8.03
9	10-inch Gravity Sewer Pipe, (DIP, FRP, RCP, PVC SDR 26), 10.1'-14' depth	LF	10			\$ 69.33			
9a	Installation		10	0	10	\$ 48.53	\$ 485.31	\$ -	\$ (485.31)
9b	Testing		10	0	10	\$ 10.40	\$ 104.00	\$ -	\$ (104.00)
9c	Rough Grading & Cleanup		10	0	10	\$ 10.40	\$ 104.00	\$ -	\$ (104.00)
10	12-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), 6.1'-10' depth	LF	18			\$ 57.37			
10a	Installation		18	11.5	6.5	\$ 40.16	\$ 722.86	\$ 461.84	\$ (261.02)
10b	Testing		18	11.5	6.5	\$ 8.61	\$ 154.90	\$ 99.02	\$ (55.88)
10c	Rough Grading & Cleanup		18	11.5	6.5	\$ 8.61	\$ 154.90	\$ 99.02	\$ (55.88)
11	15-inch (FRP, RCP, PVC) or 14-inch (DIP) Gravity Sewer Pipe, 6.1'-10' depth	LF	15			\$ 68.59			
11a	Installation		15	16.5	1.5	\$ 48.01	\$ 720.20	\$ 792.16	\$ 71.97
11b	Testing		15	16.5	1.5	\$ 10.29	\$ 154.33	\$ 169.79	\$ 15.46
11c	Rough Grading & Cleanup		15	16.5	1.5	\$ 10.29	\$ 154.33	\$ 169.79	\$ 15.46
12	18-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), 6.1'-10' depth	LF	865			\$ 96.77			
12a	Installation		865	865	0	\$ 67.74	\$ 58,594.24	\$ 58,594.23	\$ -
12b	Testing		865	865	0	\$ 14.52	\$ 12,555.91	\$ 12,555.91	\$ -
12c	Rough Grading & Cleanup		865	865	0	\$ 14.52	\$ 12,555.91	\$ 12,555.91	\$ -
13	18-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), 10.1'-14' depth	LF	120			\$ 88.14			
13a	Installation		120	120	0	\$ 61.70	\$ 7,403.76	\$ 7,403.76	\$ -
13b	Testing		120	120	0	\$ 13.22	\$ 1,586.52	\$ 1,586.52	\$ -
13c	Rough Grading & Cleanup		120	120	0	\$ 13.22	\$ 1,586.52	\$ 1,586.52	\$ -
14	18-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), greater than 14' depth	LF	150			\$ 184.68			

ATTACHMENT NO. 6: TO CHANGE ORDER NO. 2: FINAL ADJUSTING  
ACTUAL QUANTITIES INSTALLED ADJUSTMENT - FINAL  
Century Hills Trunk Sewer Replacement  
For: Lexington-Fayette urban County Government  
Bid No. 122-2013, RMP No. EH 12  
By: CDP Engineers  
January 7, 2015

Todd Johnson Contracting Inc.  
497 Dillehay Street  
Danville, KY 40422

BID ITEM NO.	UNIT DESCRIPTION	UNITS	APPROX. QTY. BID	ACTUAL QTY. INSTALLED	DIFF. OF QTY.	UNIT PRICE	BID AMOUNT	ACTUAL INSTALLED AMOUNT	DIFF. OF AMOUNT
14a	Installation		150	150	0	\$ 129.28	\$ 19,391.40	\$ 19,391.40	\$ -
14b	Testing		150	150	0	\$ 27.70	\$ 4,155.30	\$ 4,155.30	\$ -
14c	Rough Grading & Cleanup		150	150	0	\$ 27.70	\$ 4,155.30	\$ 4,155.30	\$ -
15	21-inch (RCP, PVC) or 20-inch (DIP, FRP) gravity sewer pipe, 6.1'-10' depth	LF	1,527			\$ 95.54			
15a	Installation		1,527	1,425	102	\$ 66.88	\$ 102,122.71	\$ 95,301.15	\$ (6,821.56)
15b	Testing		1,527	1,425	102	\$ 14.33	\$ 21,883.44	\$ 20,420.25	\$ (1,463.19)
15c	Rough Grading & Cleanup		1,527	1,425	102	\$ 14.33	\$ 21,883.44	\$ 20,420.25	\$ (1,463.19)
16	21-inch (RCP, PVC) or 20-inch (DIP, FRP) gravity sewer pipe, 10.1'-14' depth	LF	275			\$ 127.67			
16a	Installation		275	377	102	\$ 89.37	\$ 24,576.48	\$ 33,692.11	\$ 9,115.64
16b	Testing		275	377	102	\$ 19.15	\$ 5,266.39	\$ 7,219.55	\$ 1,953.16
16c	Rough Grading & Cleanup		275	377	102	\$ 19.15	\$ 5,266.39	\$ 7,219.65	\$ 1,953.26
17	21-inch (RCP, PVC) or 20-inch (DIP, FRP) gravity sewer pipe, greater than 14' depth	LF	185			\$ 189.58			
17a	Installation		185	185	0	\$ 132.71	\$ 24,550.61	\$ 24,550.60	\$ -
17b	Testing		185	185	0	\$ 28.44	\$ 5,260.85	\$ 5,260.85	\$ -
17c	Rough Grading & Cleanup		185	185	0	\$ 28.44	\$ 5,260.85	\$ 5,260.85	\$ -
18	24-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), 10.1'-14' depth	LF	107			\$ 118.04			
18a	Installation		107	102	5	\$ 82.63	\$ 8,841.20	\$ 8,428.26	\$ (412.94)
18b	Testing		107	102	5	\$ 17.71	\$ 1,894.54	\$ 1,809.42	\$ (85.12)
18c	Rough Grading & Cleanup		107	102	5	\$ 17.71	\$ 1,894.54	\$ 1,806.42	\$ (88.12)
19	30-inch Steel Encasement Pipe, bore and jack	LF	240	240	0	\$ 554.78	\$ 133,147.20	\$ 133,147.20	\$ -
20	36-inch Steel Encasement Pipe, bore and jack	LF	170	170	0	\$ 669.47	\$ 113,809.90	\$ 113,809.90	\$ -
21	Connect to existing 8-inch sewer	EA	7	5	2	\$ 479.38	\$ 3,355.66	\$ 2,396.90	\$ (958.76)
22	Connect to existing 10-inch sewer	EA	2	1	1	\$ 516.64	\$ 1,033.28	\$ 516.64	\$ (516.64)
23	Connect to existing 12-inch sewer	EA	2	0	2	\$ 568.05	\$ 1,136.10	\$ -	\$ (1,136.10)
24	Shallow Manhole, 4-foot diameter (depth < 5.0 ft)	EA	1			\$ 2,489.73			
24a			1	1	0	\$ 2,116.27	\$ 2,116.27	\$ 2,116.27	\$ -
24b			1	1	0	\$ 373.46	\$ 373.46	\$ 373.46	\$ -
25	Standard Manhole, 4-foot diameter (depth 5.1 to 6.0 ft)	EA	18			\$ 2,654.29			
25a	Installation		18	18	0	\$ 2,256.15	\$ 40,610.64	\$ 40,610.64	\$ -
25b	Testing		18	18	0	\$ 398.14	\$ 7,166.58	\$ 7,166.58	\$ -
26	Standard Manhole, 5-foot diameter (depth to 6.0 ft)	EA	2			\$ 3,163.86			
26a	Installation		2	2	0	\$ 2,689.28	\$ 5,378.56	\$ 5,378.56	\$ -
26b	Testing		2	2	0	\$ 474.58	\$ 949.16	\$ 949.16	\$ -
26c									
27	Standard Manhole, 6-foot diameter (depth to 6.0 ft)	EA	1			\$ 4,723.37			
27a	Installation		1	1	0	\$ 4,014.86	\$ 4,014.86	\$ 4,014.86	\$ -
27b	Testing		1	1	0	\$ 708.51	\$ 708.51	\$ 708.51	\$ -

ATTACHMENT NO. 6: TO CHANGE ORDER NO. 2: FINAL ADJUSTING  
 ACTUAL QUANTITIES INSTALLED ADJUSTMENT - FINAL  
 Century Hills Trunk Sewer Replacement  
 For: Lexington-Fayette urban County Government  
 Bid No. 122-2013, RMP No. EH 12  
 By: CDP Engineers  
 January 7, 2015

Todd Johnson Contracting Inc.  
 497 Dillehay Street  
 Danville, KY 40422

BID ITEM NO.	UNIT DESCRIPTION	UNITS	APPROX. QTY. BID	ACTUAL QTY. INSTALLED	DIFF. OF QTY.	UNIT PRICE	BID AMOUNT	ACTUAL INSTALLED AMOUNT	DIFF. OF AMOUNT
28	Standard Manhole, 8-foot diameter (depth to 6.0 ft)	EA	1			\$ 9,565.51			
28a	Installation		1	1	0	\$ 8,130.68	\$ 8,130.68	\$ 8,130.68	\$ -
28b	Testing		1	1	0	\$ 1,434.83	\$ 1,434.83	\$ 1,434.83	\$ -
29	Manhole Barrel Extensions, 4 ft. diameter	VF	58	58	0	\$ 307.60	\$ 17,840.80	\$ 17,840.80	\$ -
30	Manhole Barrel Extensions, 5 ft. diameter	VF	12	12	0	\$ 356.36	\$ 4,276.32	\$ 4,276.32	\$ -
31	Manhole Barrel Extensions, 6 ft. diameter	VF	7	7	0	\$ 468.25	\$ 3,277.75	\$ 3,277.74	\$ -
32	Manhole Barrel Extensions, 8 ft. diameter	VF	4	4	0	\$ 646.90	\$ 2,587.60	\$ 2,587.60	\$ -
33	Manhole Drop Connection (8"-10")	EA	6	6	0	\$ 1,631.51	\$ 9,789.06	\$ 9,789.06	\$ -
34	Manhole Drop Connection (12"-21")	EA	1	1	0	\$ 4,908.20	\$ 4,908.20	\$ 4,908.20	\$ -
35	Manhole Diaphragm, Manhole Anti-Flotation Collar, & Watertight Cover	EA	8	8	0	\$ 439.99	\$ 3,519.92	\$ 3,519.92	\$ -
36	Cut and cap existing 8-inch sewer	EA	13	13	0	\$ 548.17	\$ 7,126.21	\$ 7,126.21	\$ -
37	Cut and cap existing 10-inch sewer	EA	5	5	0	\$ 570.76	\$ 2,853.80	\$ 2,853.80	\$ -
38	Cut and cap existing 12-inch sewer	EA	5	5	0	\$ 699.79	\$ 3,498.95	\$ 3,498.95	\$ -
39	Plug Manhole Inlet, 8-inch sewer	EA	1	2	1	\$ 805.00	\$ 805.00	\$ 1,610.00	\$ 805.00
40	Plug Manhole Inlet, 10-inch sewer	EA	1	1	0	\$ 862.50	\$ 862.50	\$ 862.50	\$ -
41	Video Inspection of new sewer pipe	LF	3,390	3,390	0	\$ 3.45	\$ 11,695.50	\$ 11,695.50	\$ -
42	Tree Removal, > 12-inch diameter	EA	8	26	18	\$ 862.50	\$ 6,900.00	\$ 22,425.00	\$ 15,525.00
43	Bituminous Pavement Replacement (Full Depth)	SY	100	100	0	\$ 48.17	\$ 4,817.00	\$ 4,817.00	\$ -
44	Seeding, Temporary, Extra as directed by Engineer	SY	100	12854	12754	\$ 1.73	\$ 173.00	\$ 22,237.42	\$ 22,064.42
45	Seeding, Permanent	SY	10,800	10,800	0	\$ 1.73	\$ 18,684.00	\$ 18,684.00	\$ -
46	Dense Graded Aggregate - DGA, Extra as directed by Engineer	Ton	10	0	10	\$ 24.70	\$ 247.00	\$ -	\$ (247.00)
47	No. 9 Crushed Stone, Extra as directed by Engineer	Ton	10	0	10	\$ 24.70	\$ 247.00	\$ -	\$ (247.00)
48	No. 57 Crushed Stone, Extra as directed by Engineer	Ton	10	0	10	\$ 24.70	\$ 247.00	\$ -	\$ (247.00)
49	No. 2 Crushed Stone, Extra as directed by Engineer	Ton	10	0	10	\$ 24.70	\$ 247.00	\$ -	\$ (247.00)
50	Bypass Pumping Setup, <12-inch Sewer Line	EA	8	8	0	\$ 1,501.90	\$ 12,015.20	\$ 12,015.20	\$ -
51	Bypass Pumping Setup, ≥15-inch <18-inch Sewer Line	EA	1	0	1	\$ 1,501.90	\$ 1,501.90	\$ -	\$ (1,501.90)
52	Bypass Pumping, <12-inch Sewer Line	HR	50	631.75	581.75	\$ 109.37	\$ 5,468.50	\$ 69,094.50	\$ 63,626.00
53	Bypass Pumping, ≥15-inch <18-inch Sewer Line	HR	30	0	30	\$ 115.12	\$ 3,453.60	\$ -	\$ (3,453.60)
54	Combination Vacuum/Hydraulic Jet/Hydro Excavator, extra as directed by Engineer	HR	10	0	10	\$ 172.50	\$ 1,725.00	\$ -	\$ (1,725.00)
55	Backhoe/Extend-a-hoe, extra as directed by Engineer	HR	150	5.68	144.32	\$ 74.75	\$ 11,212.50	\$ 425.00	\$ (10,787.50)
56	Hoe Ram, extra as directed by Engineer	HR	10	9.66	0.34	\$ 138.00	\$ 1,380.00	\$ 1,332.50	\$ (47.50)
57	Dump Truck, Single Axle, extra as directed by Engineer	HR	10	0	10	\$ 69.00	\$ 690.00	\$ -	\$ (690.00)
58	Dump Truck, Tandem or Tri-Axle, extra as directed by Engineer	HR	10	0	10	\$ 80.50	\$ 805.00	\$ -	\$ (805.00)
59	Large Track Hoe, CAT 311 or Equivalent, extra as directed by Engineer	HR	10	0	10	\$ 117.30	\$ 1,173.00	\$ -	\$ (1,173.00)
60	Small Track Hoe, CAT 301.6C or Equivalent, extra as directed by Engineer	HR	10	0	10	\$ 63.25	\$ 632.50	\$ -	\$ (632.50)

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 ACTUAL QUANTITIES INSTALLED ADJUSTMENT - FINAL  
 Century Hills Trunk Sewer Replacement  
 For: Lexington-Fayette urban County Government  
 Bid No. 122-2013, RMP No. EH 12  
 By: CDP Engineers  
 January 7, 2015

Todd Johnson Contracting Inc.  
 497 Dillehay Street  
 Danville, KY 40422

BID ITEM NO.	UNIT DESCRIPTION	UNITS	APPROX. QTYS. BID	ACTUAL QTYS. INSTALLED	DIFF. OF QTYS.	UNIT PRICE	BID AMOUNT	ACTUAL INSTALLED AMOUNT	DIFF. OF AMOUNT
61	Skid-Steer Loader, extra as directed by Engineer	HR	10	0	10	\$ 51.75	\$ 517.50	\$ -	\$ (517.50)
62	Roller/Compactor, extra as directed by Engineer	HR	10	0	10	\$ 63.25	\$ 632.50	\$ -	\$ (632.50)
63	Traffic Maintenance - Type 1 (Flagger), extra as directed by Engineer	HR	10	0	10	\$ 57.50	\$ 575.00	\$ -	\$ (575.00)
64	Electronic Arrow Board, extra as directed by Engineer	HR	10	10	0	\$ 25.30	\$ 253.00	\$ 253.00	\$ -
65	Connect to Existing Pump Station, 24" Pipe	LS	1	1	0	\$ 3,450.00	\$ 3,450.00	\$ 3,450.00	\$ -
66	Rock Removal by Combination Blasting/Mechanical Methods	CY	3,100	1,529	1570.57	\$ 46.00	\$ 142,600.00	\$ 70,353.68	\$ (72,246.34)
67	1181 Mt. Rushmore Way	LS	1	1	0	\$ 345.00	\$ 345.00	\$ 345.00	\$ -
68	1185 Mt. Rushmore Way	LS	1	1	0	\$ 1,207.50	\$ 1,207.50	\$ 1,207.50	\$ -
69	1201 Mt. Rushmore Way	LS	1	1	0	\$ 1,871.63	\$ 1,871.63	\$ 1,871.63	\$ -
70	1213 Mt. Rushmore Way	LS	1	1	0	\$ 534.75	\$ 534.75	\$ 534.75	\$ -
71	1360 Grafton Drive	LS	1	1	0	\$ 2,137.28	\$ 2,137.28	\$ 2,137.28	\$ -
72	3340 Buckhorn Drive	LS	1	0	1	\$ 1,207.50	\$ 1,207.50	\$ -	\$ (1,207.50)
73	1321 Fenwick Road	LS	1	1	0	\$ 1,150.00	\$ 1,150.00	\$ 1,150.00	\$ -
<b>Total</b>							<b>\$1,131,904.46</b>	<b>\$1,136,515.85</b>	<b>\$4,611.40</b>
<b>Change in Contract Amount</b>									<b>\$4,611.40</b>