

Contract Change Order # 1

Project Name: <u>County Line Trunk Sewer - Phase I</u>	Project Number: <u>S.1609</u>
Project Location: <u>Between WWTP and 111st Street</u>	Date of Application: <u>Monday, September 23, 2019</u>
Contractor: <u>Belt Construction, Inc.</u>	Submitted By: <u>Kyle Bass</u>

Summary of Change in Scope of Work

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

Change of Work Items Included in this Change Order:

- As discussed and summarized within RFI #4, the contractor is to procure and install the revised diameter of casing pipes for the associated sections of the County Line Trunk Sewer project. Casing pipe sizes increased due to an approved variation from fiberglass spun style pipe to a PVC style pipe with bell joints. The associated casing pipe changes are reflected within the RFI and Belt Construction proposal. The change order costs shall be executed on a linear foot basis as a supplemental to the base line price and include all applicable costs and markups.

Change in Contractual Project Time:

- 1) No additional time requested

Plan Sheets or Additional Documents Attached: ☒ Yes ☐ No ☐ Other: _____

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO1-1	na	Casing/Bore increase @ 60" Pipe	LF	\$ 556.00	165	\$ 91,740.00
CO1-2	na	Casing/Bore Increase @ 54" Pipe	LF	\$ 28.00	204	\$ 5,712.00
CO1-3	na	Casing/Bore Increase @ 48" Pipe	LF	\$ 327.00	85	\$ 27,795.00
Total Change Cost:						\$ 125,247.00

Summary of Project Costs

Total Previous Change Orders:	\$ -	Original Contract Amount:	\$ 16,048,115.86
Current Change Order:	\$ 125,247.00	Amended Contract Amount:	\$ 16,173,362.86
Total Cost of Change Orders:	\$ 125,247.00	Percent Change in Contract:	0.78%
Total Cost Applicable to CBA:	\$ 125,247.00	Percent Change Applicable to CBA:	0.78%

Change Order Authorization

Change Order # <u>1</u> in the sum of: \$ <u>125,247.00</u>	has been reviewed by all parties and is recommended for approval by:		
Contractor Submitting Change Order:	Name	Signature	Date
Construction Division Manager:	Timothy S Robins, PE		
Acting Director of Engineering & Construction:	Mike Kyser, PE		
Assistant City Manager - Operations:	Kenneth D Schwab, PE		
City Manager:	Michael Spurgeon		

This Change is Executed Through:

- ☐ This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.
or
☒ This change to the contract documents was approved at the City Council/BAMA meeting held on : Tuesday, October 1, 2019



2507 E. Broad
 Texarkana, AR 71854
 Office: 870-772-7216
 Fax: 870-772-7233

Request for Information

Project Name: Broken Arrow County Line Trunk Sewer		RFI No: 004																
PEC's Project No.: 160505	Date: 8/12/2019	BELT's Project No.: 1842																
Subject: Casing Size Increase																		
Spec Section: 33 05 24	Drawing: N/A	Detail: Page No. 47																
QUESTION:																		
After reviewing PVC Bell OD sizing and reciving submittals from the spacer supplier the casing shown on the plans is going to be to small. Please advise.																		
Please Respond by This Date: At your earliest convenience.																		
RESPONSE:																		
Replace the following pay items with the indicated substitutions: <table border="1"> <thead> <tr> <th>Pay Item</th> <th>Original Specified</th> <th>Substitution</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>60" Steel Casing</td> <td>78" Steel Casing</td> <td>165 LF (no change)</td> </tr> <tr> <td>21</td> <td>54" Steel Casing</td> <td>72" Steel Casing</td> <td>204 LF (no change)</td> </tr> <tr> <td>A1-12</td> <td>48" Steel Casing</td> <td>66" Steel Casing</td> <td>85 LF (no change)</td> </tr> </tbody> </table>			Pay Item	Original Specified	Substitution	Quantity	20	60" Steel Casing	78" Steel Casing	165 LF (no change)	21	54" Steel Casing	72" Steel Casing	204 LF (no change)	A1-12	48" Steel Casing	66" Steel Casing	85 LF (no change)
Pay Item	Original Specified	Substitution	Quantity															
20	60" Steel Casing	78" Steel Casing	165 LF (no change)															
21	54" Steel Casing	72" Steel Casing	204 LF (no change)															
A1-12	48" Steel Casing	66" Steel Casing	85 LF (no change)															
Submitted by Contractor: Pate Easterling		Date: 8/12/2019																
Received by:		Date:																
By: Chad Grisier, P.E.	Professional Engineering Consultants	Date: 9/18/2019																



2507 E. Broad
Texarkana, AR 71854
Office: 870-772-7216
Fax: 870-772-7233

September 5, 2019

Timothy Robins, PE
Construction Division Manager
485 N. Poplar Avenue
Broken Arrow, OK 74012

Re: Cost Change Proposal 01 Casing Size Increase
County Line Trunk Sewer Improvements Phase 1

Tim,

Please accept this letter as a request for a cost change proposal. On August 8th, 2019 we submitted RFI 004 in reference to the casing sizes being too small for the carrier pipe bell O.D.s. We received an email from PEC requesting the 60" carrier pipe casing being increased to 78", the 54" carrier pipe casing being increased to 72" and the 48" carrier pipe casing being increased to 66". We reached out to our casing supplier and bore sub-contractor for prices. Please see below for the cost change on each Bid Item Number.

Bid Item No. 20 Boring and Steel Encasement for 60" Sanitary Sewer Pipe
Original Pricing \$1,491.00 per linear foot (72" Casing)
Cost Change \$2,047.00 per linear foot (78" Casing)

Bid Item No. 21 Boring and Steel Encasement for 54" Sanitary Sewer Pipe
Original Pricing \$1,463.00 per linear foot (66" Casing)
Cost Change \$1,491.00 per linear foot (72" Casing)

Bid Item No. A1-12 Boring and Steel Encasement for 48" Sanitary Sewer Pipe
Original Pricing \$1,136.00 per linear foot (60" Casing)
Cost Change \$1,463.00 per linear foot (66" Casing)

If you have any questions or concerns, please feel free to call me at (903) 809-3511

Best Regards,

A handwritten signature in blue ink, appearing to read "Pate Easterling", is written over a light blue horizontal line.

Pate Easterling

Charro Boring Inc

charrosortiz0922@yahoo.com

Estimate

ADDRESS

David Latham
Belt Construction Inc.

ESTIMATE # 1271

DATE 08/15/2019

EXPIRATION DATE 11/15/2019

ACTIVITY	QTY	RATE	AMOUNT
Broken arrow / oklahoma 78" BORE	165	1,250.00	206,250.00
78"x 165' LF drybore SS.			
We need 20' of 1" or 7/8" x 78" casing for this bore lead pipe.			
72" bores 72" x 204' LF drybore SS 2 Bores.	204	864.00	176,256.00
We need 20' of 1" or 7/8" x 72" casing for lead pipe.			
66" bore 66"x 85' LF drybore SS	85	792.00	67,320.00
We need 20' of 1" or 7/8" x 66" casing for lead pipe.			

Charro boring inc

Price include:

pilot tube

Pilot tube attachments 72" and 78"

Push rings

36" casing

Costum 78" augers

Extra bore pits and shoring.

2 bore pits for 72" and 78" bores (begin and receiving)

Shoring

Mobilization

Excavator for boring operations.

TOTAL

\$449,826.00

Belt construction inc. Responsibility

Spoil haul off (if needed), staking, Pothole existing utilities, grout (if needed),

ground or dich water more the 20 gpm

Any fees or permits, any additional insurance, Casing pipe, traffic control, gravel for bore pits, help with movilization on the job site, we need 20' of 1" or 7/8" casing

For each bore lead pipe.

NOTA:

Part on the Increase on the price are because we up size the augers
And we gone to pay more rent.

We need also 5'x 72"x 1" casing
And 5'x 78"x 1" casing
For pilot tube.

If you have any questions please call
José Ortiz (817) 932-3488

Accepted By

Accepted Date



2507 E. Broad
Texarkana, AR 71854
Office: 870-772-7216
Fax: 870-772-7233

Submittal Review Request

To: Tim Robins
City of Broken Arrow, OK
485 N Poplar Ave
Broken Arrow, OK 74012

From: Kyle Bass
Belt Construction, Inc.
2507 E Broad St
Texarkana, AR 71854

Project: County Line Trunk Sewer Phase 1
Project No: S.1609
Owner: City of Broken Arrow, OK
Contractor: Belt Construction, Inc.

Engineer: City of Broken Arrow, OK
485 N Poplar Ave
Broken Arrow, OK 74012

Submittal No. 9.2

Submittal Type:

Full

☒

Partial

☐

Description: Steel Casing

Supplier: Pittsburgh Pipe

Submittal Date: 9/5/2019

Approved ☐

Approved as Noted ☐

Not Approved ☐

Revise and Resubmit ☐

Engineers Comments:

"Certification Statement: By this submittal, I hereby represent that I have determined and verified all field measurements, field construction criteria, materials, dimensions, catalog numbers and similar data and I have checked and coordinated each item with other applicable approved shop drawings and all Contract requirements"

Submitted By:

A handwritten signature in blue ink, appearing to read "Kyle Bass", is written over a horizontal line.

Belt Construction, Inc.

Date: 9/5/2019

Certification

05/14/2019

BELT CONSTRUCTION
2507 EAST BROAD ST
TEXARKANA, AR 71854

ATTN: Pate Easterling

Project: County Line Trunk Sewer Ph 1
Broken Arrow OK
Owner: CITY OF BROKEN ARROW
Engineer: Professional Engineering Consultants
Pittsburgh Pipe Inquiry #00146419

This is to certify that the 165.00 F of 78" O.D. x .500" nominal wall steel pipe furnished on the above referenced project meets or exceeds the yield and tensile strengths of ASTM Specification A139 Grade B (no hydro), which carries a minimum yield strength of 35,000 PSI, is of domestic manufacture



Donald Carosello
Sales Manager



Pittsburgh Pipe

2331 Hampton Ave.
St. Louis, MO 63139

Note: Material furnished for this requirement will have 1 to 3 midwelds per piece.

Certification

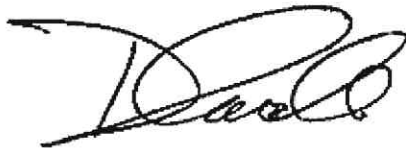
05/14/2019

BELT CONSTRUCTION
2507 EAST BROAD ST
TEXARKANA, AR 71854

ATTN: Pate Easterling

Project: County Line Trunk Sewer Ph 1
Broken Arrow OK
Owner: CITY OF BROKEN ARROW
Engineer: Professional Engineering Consultants
Pittsburgh Pipe Inquiry #00146419

This is to certify that the 205.00 F of 72" O.D. x .500" nominal wall steel pipe furnished on the above referenced project meets or exceeds the yield and tensile strengths of ASTM Specification A139 Grade B (no hydro), which carries a minimum yield strength of 35,000 PSI, is of domestic manufacture



Donald Carosello
Sales Manager



Pittsburgh Pipe

2331 Hampton Ave.
St. Louis, MO 63139

Note: Material furnished for this requirement will have 1 to 3 midwelds per piece.

Certification

05/14/2019

**BELT CONSTRUCTION
2507 EAST BROAD ST
TEXARKANA, AR 71854**

ATTN: Pate Easterling

**Project: County Line Trunk Sewer Ph 1
Broken Arrow OK
Owner: CITY OF BROKEN ARROW
Engineer: Professional Engineering Consultants
Pittsburgh Pipe Inquiry #00146419**

This is to certify that the 85.00 F of 66" O.D. x .500" nominal wall steel pipe furnished on the above referenced project meets or exceeds the yield and tensile strengths of ASTM Specification A139 Grade B (no hydro), which carries a minimum yield strength of 35,000 PSI, is of domestic manufacture



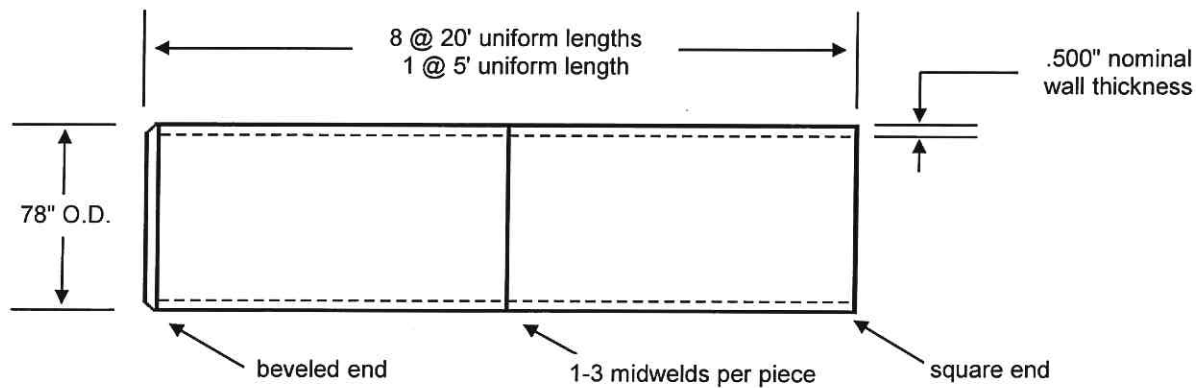
**Kevin Davidson
Sales Manager**



Pittsburgh Pipe

**2331 Hampton Ave.
St. Louis, MO 63139**

Note: Material furnished for this requirement will have 1 to 3 midwelds per piece.



Type: Rolled and Welded

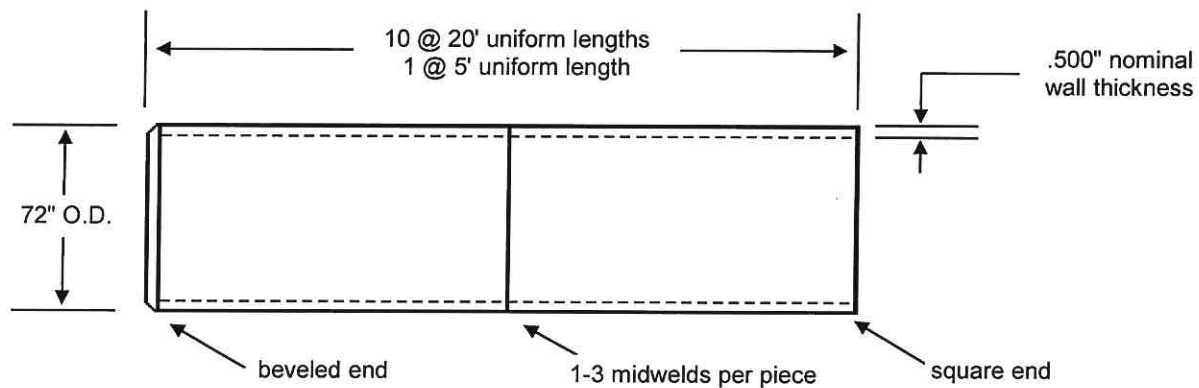
Interior: Bare

Exterior: Bare

Weight: Approx. 414.24 lbs. per foot

Notes: Steel casing pipe certified to meet or exceed the yield and tensile strengths of ASTM Specification A139 Grade B (no hydro), which carries a minimum yield strength of 35,000 P.S.I., and is of domestic manufacture.

Project:			County Line Trunk Sewer Phase 1		
			Broken Arrow, OK		
Owner:			City of Broken Arrow		
Engineer:			Professional Engineering Consultants		
Contractor:			Belt Construction		
revisions			 Pittsburgh Pipe / TDI 2331 Hampton Ave St Louis, MO 63139 800-325-2653		
no	date	by			
1					
2					
3					
4					
5			drawn by LLM	scale NONE	material STEEL PIPE
6			checked 48	date 08 22 19	drawing no
			traced —	approved —	BEL718.146419.1



Type: Rolled and Welded

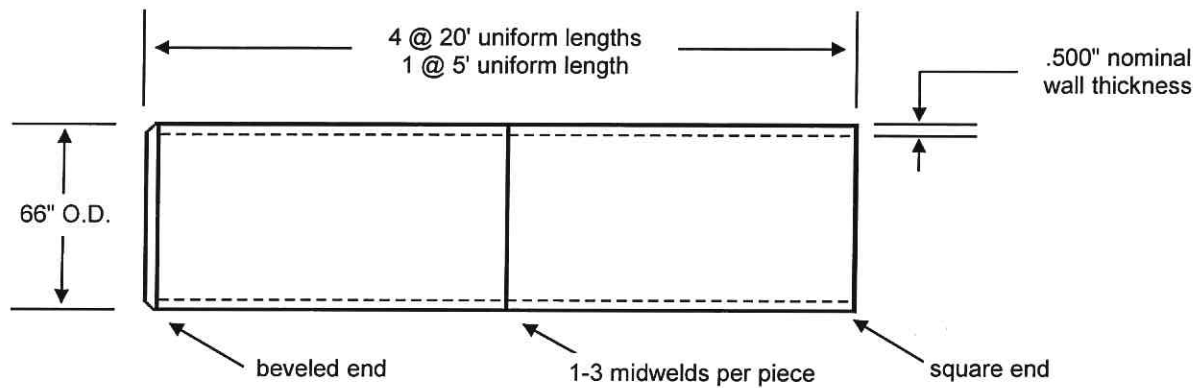
Interior: Bare

Exterior: Bare

Weight: Approx. 382.17 lbs. per foot

Notes: Steel casing pipe certified to meet or exceed the yield and tensile strengths of ASTM Specification A139 Grade B (no hydro), which carries a minimum yield strength of 35,000 P.S.I., and is of domestic manufacture.

Project:			County Line Trunk Sewer Phase 1		
			Broken Arrow, OK		
Owner:			City of Broken Arrow		
Engineer:			Professional Engineering Consultants		
Contractor:			Belt Construction		
revisions			 Pittsburgh Pipe / TDI 2331 Hampton Ave St Louis, MO 63139 800-325-2653		
no	date	by			
1					
2					
3					
4					
5			drawn by LLM	scale NONE	material STEEL PIPE
6			checked 48	date 08 22 19	drawing no
			traced —	approved —	BEL718.146419.2



Type: Rolled and Welded

Interior: Bare

Exterior: Bare

Weight: Approx. 350.10 lbs. per foot

Notes: Steel casing pipe certified to meet or exceed the yield and tensile strengths of ASTM Specification A139 Grade B (no hydro), which carries a minimum yield strength of 35,000 P.S.I., and is of domestic manufacture.

Project:			County Line Trunk Sewer Phase 1		
			Broken Arrow, OK		
Owner:			City of Broken Arrow		
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Contractor:			Belt Construction		
revisions			 Pittsburgh Pipe / TDI 2331 Hampton Ave St Louis, MO 63139 800-325-2653		
no	date	by			
1					
2					
3					
4			drawn by LLM	scale NONE	material STEEL PIPE
5			checked 48	date 08 22 19	drawing no
6			traced —	approved —	BEL718.146419.3