

Contract Change Order # 2

Project Name: Tiger Hill Soldier Pile Retaining wall Project Number: 171703
Project Location: SE Crn of Kenosha and 9th St Date of Application: Wednesday, May 15, 2019
Contractor: Stronghand LLC. Submitted By: Chris B.

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 reflected in RFI #4 for the Tiger Hill Soldier Pile Wall project, the existing storm sewer on the east side of the existing retaining wall is in conflict with the proposed soldier pile wall drilled pile. The existing storm sewer line shall be relocated around the conflicting dilled

1) pile to the south with appropriate bends from the proposed new storm manhole around and back to the existing alignment of the storm sewer. The below costs summarize a complete in place product and all applicable mark ups are included.

Change in Contractual Project Time:

1) None Requested

Plan Sheets or Additional Documents Attached: Yes No Other: RFI #4 & cost proposal

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO2-1		Storm Sewer Conflict	LS	\$ 4,725.51	1	\$ 4,725.51
Total Change Cost:						\$ 4,725.51

Summary of Project Costs

Total Previous Change Orders:	\$ 75,900.00	Original Contract Amount:	\$ 1,498,681.24
Current Change Order:	\$ 4,725.51	Amended Contract Amount:	\$ 1,579,306.75
Total Cost of Change Orders:	\$ 80,625.51	Percent Change in Contract:	5.38%
Total Cost Applicable to CBA:	\$ 80,625.51	Percent Change Applicable to CBA:	5.38%

Change Order Authorization

Change Order # <u>2</u> in the sum of: <u>\$ 4,725.51</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		
Director of Engineering & Construction:	Alex Mills, 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, May 21, 2019



Stronghand LLC
Contracting, Construction, Engineering

Tuesday, May 14, 2019

Tim Robins
City of Broken Arrow Engineering
485 N Poplar
Broken Arrow OK 74012

Re: RFI #4 Tiger Hill Retaining Wall

Attn: Tim/Joe

Stronghand, LLC. (Stronghand) is pleased to provide an estimate for the above referenced property and the proposed changes in RFI #4 per provided drawings from Olsson.

1. Additional Pipe Fittings per drawings:	\$ 795.92
2. Additional Labor and Equipment to install	\$3,500.00
3. Contract profit markup (10%)	\$ 429.59

Estimated Cost Impact **\$ 4,725.51**

- ❖ Contractor will be allowed delays for weather conditions, based on the concurrence of Contractor and Owner, for two circumstances: 1) isolated inclement weather, wherein the project site is determined to be unworkable for days of precipitation and days following for short times between otherwise good weather; and 2) sustained inclement weather, wherein the project site is determined to be unworkable for a sustained period of time, such as the winter months, with only an occasional working day within the sustained unworkable conditions. If Contractor believes either condition applies, a request shall be made to the Owner for a site meeting and a joint determination of the site conditions and approval of the delay. Contractor will catalog these approved delays and incorporate them into a Change Order for signature of Owner and Contractor
- ❖ If concealed or unknown physical conditions are encountered at the site that differ materially from those indicated in the Contract Documents or from those conditions ordinarily found to exist, the Contract Sum and Contract Time shall be subject to equitable adjustment.

If you have any questions, please contact us at (918) 938-8441.

Thank you for your business,
Chris Byrne
-via email



1111 N 4th St
Broken Arrow, OK 74012
(539) 302-4040
Sales@stronghandLLC.com
www.stronghandLLC.com

Fensco Inc
P. O. Box 934
Jenks, OK 74037 US
9182984844
fenscoinc@gmail.com

Invoice

**BILL TO**

Lahra Byrne
Stronghand LLC
1111 N. 4th St
Broken Arrow, OK 74012

SHIP TO

Tiger Hill- BA

INVOICE #	DATE	TOTAL DUE	DUUE DATE	TERMS	ENCLOSED
54428	05/10/2019	\$795.92	06/09/2019	Net 30	

PROJECT

Tiger Hill

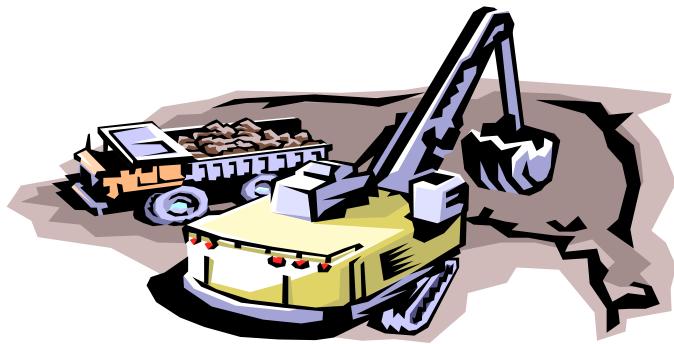
DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
05/10/2019	Sales	18" X 20' N-12 HDPE (20' each X 1=20' total)	20	12.00	240.00
05/10/2019	Sales	18" 45 Degree Bends	4	138.98	555.92
05/10/2019	Sales	18" Couplers (included)	4	0.00	0.00

Interested in receiving your invoices and statements BALANCE DUE
electronically?

\$795.92

Please call our office at 918-298-4844 or send an
email to fenscoinc@gmail.com to update your
information.

TERMS: Net 30 Days
1.5% on Past Due
Annual percentage rate of 18%



C/O REQUESTS

BRYAN HODGE

EXCAVATION, INC.

32446 S. COOKSON BLUFF RD.

PARK HILL, OK 74451

918-457-4453

918-457-4456

918-232-3844

PROJECT: TIGER HILL RETAINING WALL

LOCATION: BROKEN ARROW, OK

DATE:

5/9/2019

SCOPE OF WORK:

1. LABOR TO RELOCATE EXISTING STORM SEWER:	\$2,000
2. EQUIPMENT NEEDED TO RELOCATE STORM SEWER:	\$1,500

EXCLUDES:

1. TESTING, SURVEYING
2. LANDSCAPING OR SOD
3. LOWERING OF ANY UTILITIES INCLUDING PHONE LINES
4. ANY CONCRETE HEADWALLS OR FLUMES
5. NO MAINTENANCE OR REPORTS ON EROSION CONTROL

TOTAL ESTIMATE **\$3,500.00**

SUBMITTED BY: Bryan Hodge

ACCEPTED BY: _____



Engineering & Construction Department

Project Name: Tiger Hill Soldier Pile Retaining Wall
Project Location: Kenosha and Lynn Lane
Prime Contractor: Stronghand LLC

Project Number: 19.121
Contract Number: 171703
Date: 4/22/19

REQUEST FOR INFORMATION NO. #4

FROM:

Name: Levi Ethridge **Title:** Project Manager **Company:** Stronghand LLC

Contact Information: 918-850-5567

Subject: Storm Drain Relocation

Specification: Earthwork

Question:

Per utility plans, existing storm drain was located directly in line with pile #85 at location 20+08. Please advise

Proposed Resolution:

Please advise on re route of existing line.

Estimated Cost Impact: To be determined

Estimated Schedule Impact: 3-5 days

REPLY TO CONTRACTOR:**DATE ANSWERED:**

See EOR Sketch for revised alignment

Per the Contract General Conditions, the Contractor shall not proceed with additive or deductive work which has change order implications as a result of this RFI without prior written approval from the City of Broken Arrow.

Construction Manager Recommendation

Name Timothy Robins, PE

Timothy S. Robins

Signature

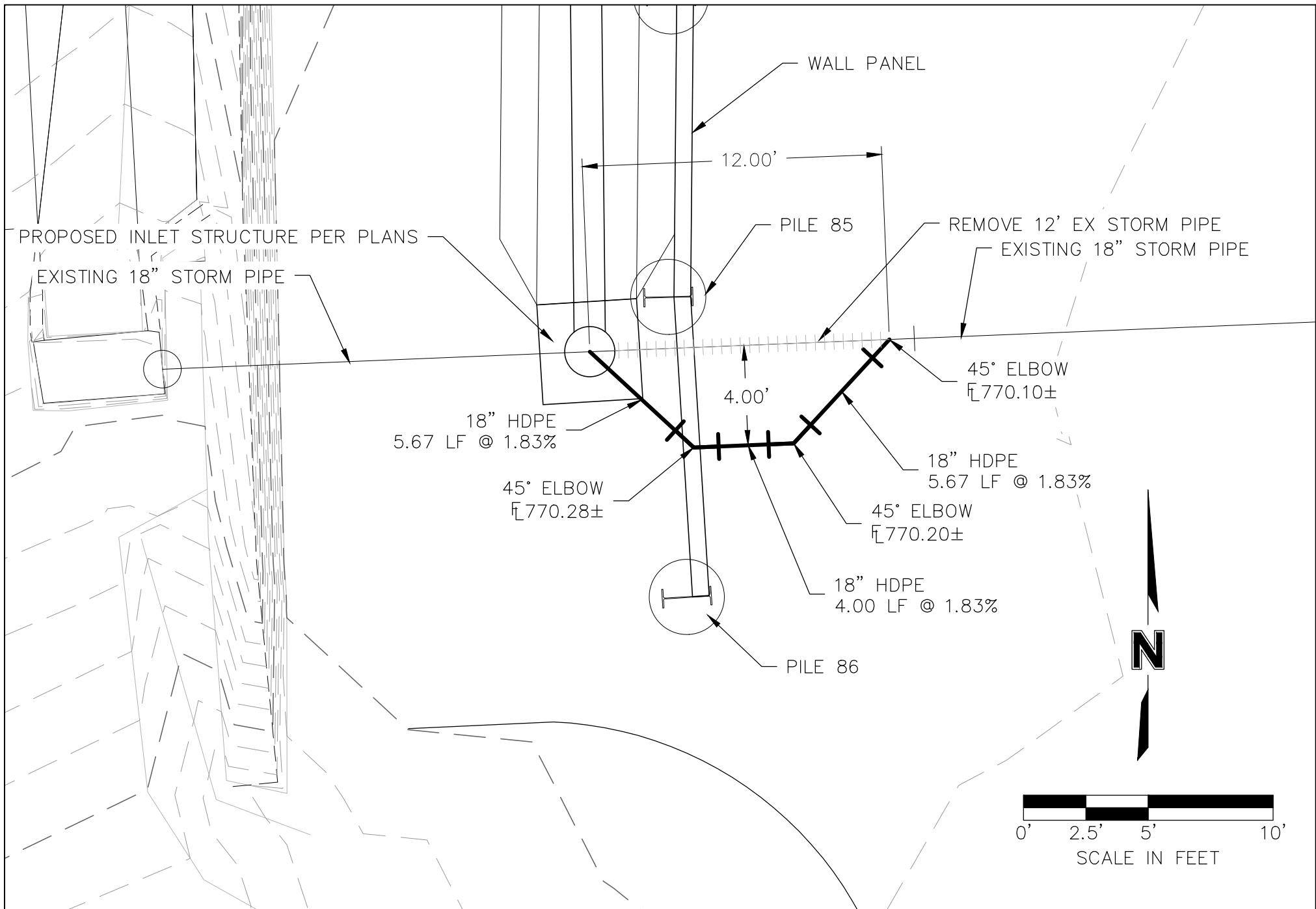
Contractor Concurrence

Name Levi Ethridge

4/22/19

Date

Signature



OLSSON # 017-2281
DRAWN BY: jw
DATE: 04/24/2019

C.O.B.A. # 19.121

TIGER HILL SOLDIER
PILE RETAINING WALL

olsson

1717 South Boulder Ave
Suite 600
Tulsa, OK 74119
TEL 918.376.4294

EXHIBIT

RFI #4