

## Contract Change Order # 2

Project Name: <u>Tiger Hill Soldier Pile Retaining wall</u>	Project Number: <u>171703</u>
Project Location: <u>SE Crn of Kenosha and 9th St</u>	Date of Application: <u>Wednesday, May 15, 2019</u>
Contractor: <u>Stronghand LLC.</u>	Submitted By: <u>Chris B.</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 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 drilled 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.
- 1)

#### 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:	<u>Timothy S Robins, PE</u>		
Director of Engineering & Construction:	<u>Alex Mills, PE</u>		
Assistant City Manager - Operations:	<u>Kenneth D Schwab, PE</u>		
City Manager:	<u>Michael Spurgeon</u>		

#### 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 4<sup>th</sup> St  
Broken Arrow, OK 74012  
(539) 302-4040  
[Sales@stronghandLLC.com](mailto:Sales@stronghandLLC.com)  
[www.stronghandLLC.com](http://www.stronghandLLC.com)

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

## Invoice



Roadway Safety & Drainage  
Products Since 1975

**BILL TO**

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

**SHIP TO**

Tiger Hill- BA

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

**PROJECT**

Tiger Hill

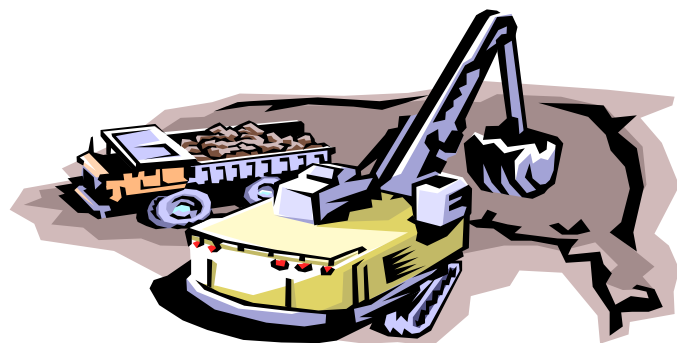
DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
05/10/2019	Sales	18" X 20' N-12 HDPE (20' each X 1=20' total)	20	12.00	240.00
05/10/2019	Sales	18" 45 Degree Bends	4	138.98	555.92
05/10/2019	Sales	18" Couplers (included)	4	0.00	0.00

Interested in receiving your invoices and statements electronically? **BALANCE DUE**

**\$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 REQUES'

**BRYAN HODGE**

**EXCAVATION, INC.**

32446 S. COOKSON BLUFF RD.

PARK HILL, OK 74451

918-457-4453

918-457-4456

918-232-3844

OFFICE

FAX

CELL

**PROJECT:** TIGER HILL RETAINING WALL

**LOCATION:** BROKEN ARROW, OK

**DATE:** 5/9/2019

**SCOPE OF WORK:**

- |  |                |
|--|----------------|
| 1. LABOR TO RELOCATE EXISTING STORM SEWER:   | <b>\$2,000</b> |
| 2. EQUIPMENT NEEDED TO RELOCATE STORM SEWER: | <b>\$1,500</b> |
|  |                |
|  |                |
|  |                |
|  |                |

**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:**

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**

**Contractor Concurrence**

Name Timothy Robins, PE

Name Levi Ethridge

Timothy S. Robins

4-28-19

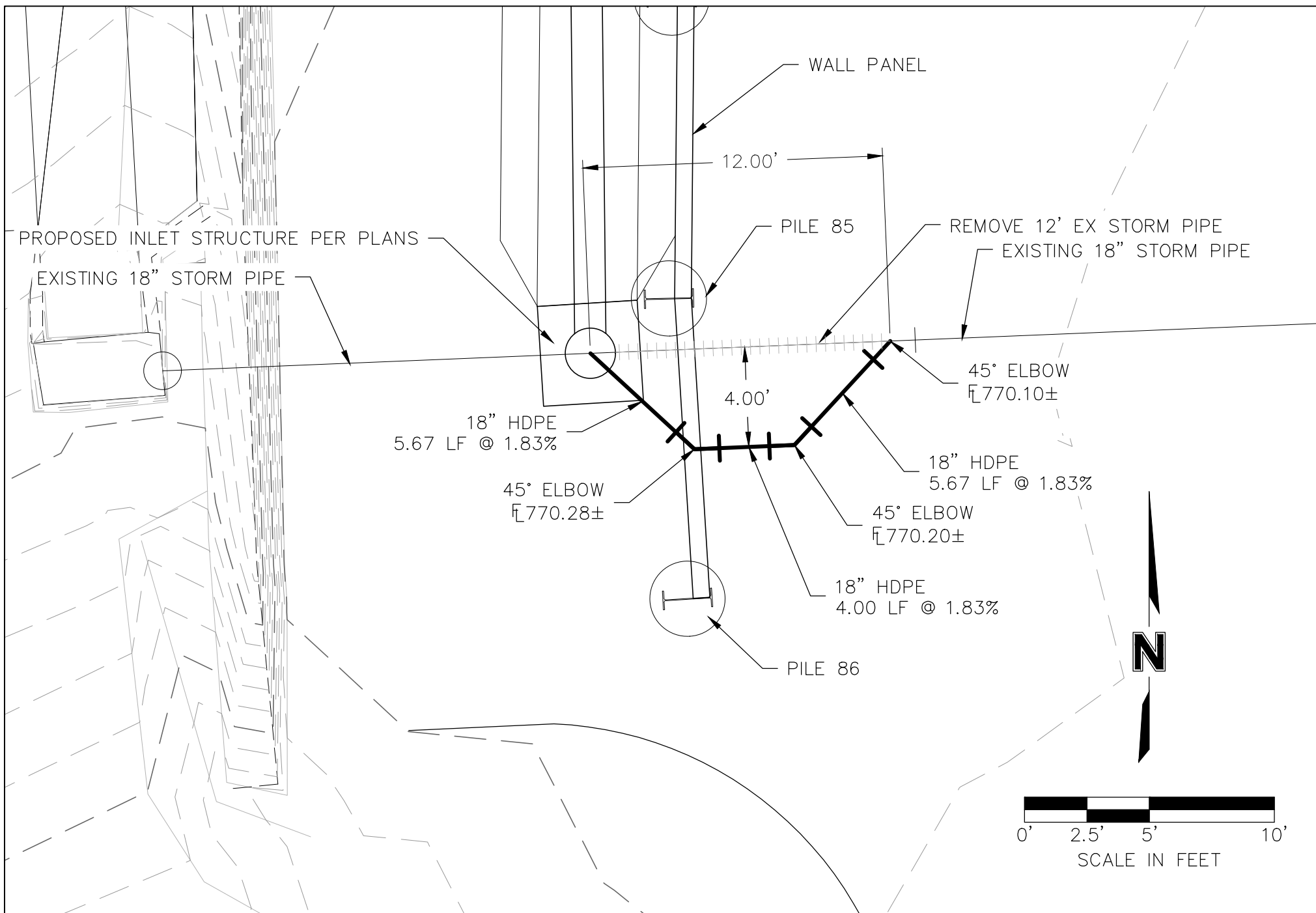
Signature

Date

Signature

4/22/19

Date



OLSSON # 017-2281

C.O.B.A. # 19.121

DRAWN BY: jw

DATE: 04/24/2019

# TIGER HILL SOLDIER PILE RETAINING WALL

**olsson**

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

EXHIBIT

RFI #4