

Contract Change Order # 1

Project Name: Fairway Park Detention - Regional Detention Phase II Project Number: SW0910B
 Project Location: 61st Street between Lynn Lane and County Line Date of Application: Tuesday, July 26, 2016
 Contractor: Lowry Construction Services, Inc. Submitted By: Lowry Hutton

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:

- 1) Do not install the Type IV Grouted Rip-Rap along the spill way section on the eastern basin. Remove 925 SY of Type IV Grouted Rip-Rap from the contract documents. Install 925 SY of Type 1 Non-Grouted Rip-Rap with fabric per directions in RFI#3.
- 2) Per RFI#2 attached, reset the storm sewer line and outlet on the southern berm of the eastern basin.

Change in Contractual Project Time:

- 1) No Change in Time
- 2) No Change in Time

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

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
8	601(H)	Type IV-Grouted Rip-Rap	SY	\$ 69.56	-925	\$ (64,343.00)
CO1-1	601(H)	Type I-Non-Grouted Rip-Rap w/ Fabric	SY	\$ 58.43	925	\$ 54,052.00
CO1-2	-	Reset Storm Sewer Line and Outlet	LS	\$ 950.00	1	\$ 950.00
Total Change Cost:						\$ (9,341.00)

Summary of Project Costs

Total Previous Change Orders:	\$ -	Original Contract Amount:	\$ 388,768.89
Current Change Order:	\$ (9,341.00)	Amended Contract Amount:	\$ 379,427.89
Total Cost of Change Orders:	\$ (9,341.00)	Percent Change in Contract:	2.46%
Total Cost Applicable to CBA:	\$ 55,002.00	Percent Change Applicable to CBA:	14.15%

Change Order Authorization

Change Order #	1	in the sum of:	\$ (9,341.00)	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			
	Name	Signature	Date	
Director of Engineering & Construction:	Jeff Bigby, PE			
	Name	Signature	Date	
Assistant City Manager - Operations:	Kenneth D Schwab, PE			
	Name	Signature	Date	
City Manager:	Michael Spurgeon			
	Name	Signature	Date	

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 : _____

Change Directive

City of Broken Arrow, Oklahoma
Construction and Engineering Department
485 North Poplar Avenue, Broken Arrow, OK. 74013-0610



Phone: (918) 259-7000
Fax: (918) 259-8453

To Lowry Construction Services, Inc.
1729 S. Boston Ave
Tulsa, OK 74119

Contract No. SW0910B
Field Work Order No. 002
Project Number SW0910B
Project Name Fairway Park Detention Phase II
Project Location North side of 61st between 9th St. and 23rd St.

Basis of Field Work Order

- | | |
|--|---|
| <input type="checkbox"/> Error / Omission (A/E) | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Error/ Omission (CM) | <input type="checkbox"/> Field Resolution |
| <input checked="" type="checkbox"/> Owner Request (User) | <input type="checkbox"/> Owner Request (Other) |
| <input type="checkbox"/> Value Engineering | <input type="checkbox"/> _____ |

Contract Price (indicate if zero cost)

Add: \$ _____ Deduct: \$ \$10,291.00

Contract Time

No Change ___ Days Added ___ Days Deducted

Cost Basis (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Time & Material Not to Exceed | <input checked="" type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

Your company is authorized and directed to proceed with the following (attach additional sheets if needed):

Replace the 925 SY of grouted rip-rap along the eastern basin with un-grouted rip-rap 18" thick, per ODOT spec 703.02a, Type 1, with filter blanket - non-woven fabric, ie. US 205NW.

See attached Proposed Change Summary.

Justification

Response to RFI #3.

Equivelant Unit Cost= \$58.43459:

$(925SY \times \$69.56) - \$10,291 \text{ (deduct per RFI \#3)} = \$54,052 \text{ (Revised Cost)} / 925SY = \58.43459 per SY

Special Notice: This Field Work Order identifies satisfaction of all compensation and time adjustments related to this change to the Work.

Construction Manager Recommendation

Name Timothy Robins, PE

Signature _____ Date _____

Contractor Concurrence

Name Hutton Lowry

Signature  Date 07/12/2016

A/E Recommendation

Name _____

Signature _____ Date _____

Engineering & Construction Director Approval

Name Doug Tiffany, PE

Signature _____ Date _____

Contractor proposal for adjustments in contract sum, contract time, or both, are to be submitted within 14 days of the municipal approval of the Field Work Order. Maximum amount for any one Field Work Order shall conform to the municipal guidelines and project specifications. Proposals must conform to Change Order Procedures and Pricing Guidelines.

Project Name: Fairway Park Detention Phase II
 Project Location: North Side of 61st between 9th St. and 23rd St.
 Prime Contractor: Lowry Construction Services, Inc.

Project Number: SW0910B
 Contract Number: SW0910B
 Date: 06/01/2016

REQUEST FOR INFORMATION NO. #003

FROM:

Name: Hutton Lowry **Title:** President **Company:** Lowry Construction Services, Inc.

Contact Information: hutton@lowrycs.com

Subject: Type IV-Grouted Riprap

Specification:

Question:

Please provide Specification #601(H) regarding Type IV-Grouted Riprap, indicated on the Pay Quantities table (Sheet 2 of 5).

Please provide dimensional cross-section for the Grouted Riprap details shown on Sheet 5 of 5.

Please clarify quantity of Grouted Riprap. Conflicting quantities appear on Pay Quantities #8 and Pay Item Notes #12, both on Sheet 2 of 5.

Proposed Resolution:

Estimated Cost Impact: Unknown

Estimated Schedule Impact: Unknown

REPLY TO CONTRACTOR:

DATE ANSWERED:

See attached response page.

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 _____

Timothy Robins

7-4-16

Signature

Date

Signature

Date

Fairway Parks Detention RFI #3 Response:

Per Pre-construction meeting notes, please provide pricing to replace the 925 SY of grouted rip-rap along the eastern basin with un-grouted rip-rap 18 inches thick per ODOT spec 703.02a, Type 1, with filter blanket - non-woven fabric, ie. US 205NW being an acceptable ODOT fabric. The toe in depth shall be the depth of the rock, see attached figure below. Pricing shall be LS and an itemized cost breakdown shall be included. The existing line item shall be undererran and a reconcile change order shall be processed at conclusion of the project.

The remaining 1,850 SY of grouted rip-rap shall be 12" thickness, without filter blanket, using ODOT spec. 713.02 a3, stone for grouted rip-rap, Type IV. The toe in depth shall be the depth of the rock, see attached figure below.

In clarifying the quantities units issues as requested, the rip-rap shall be paid per SY installed.

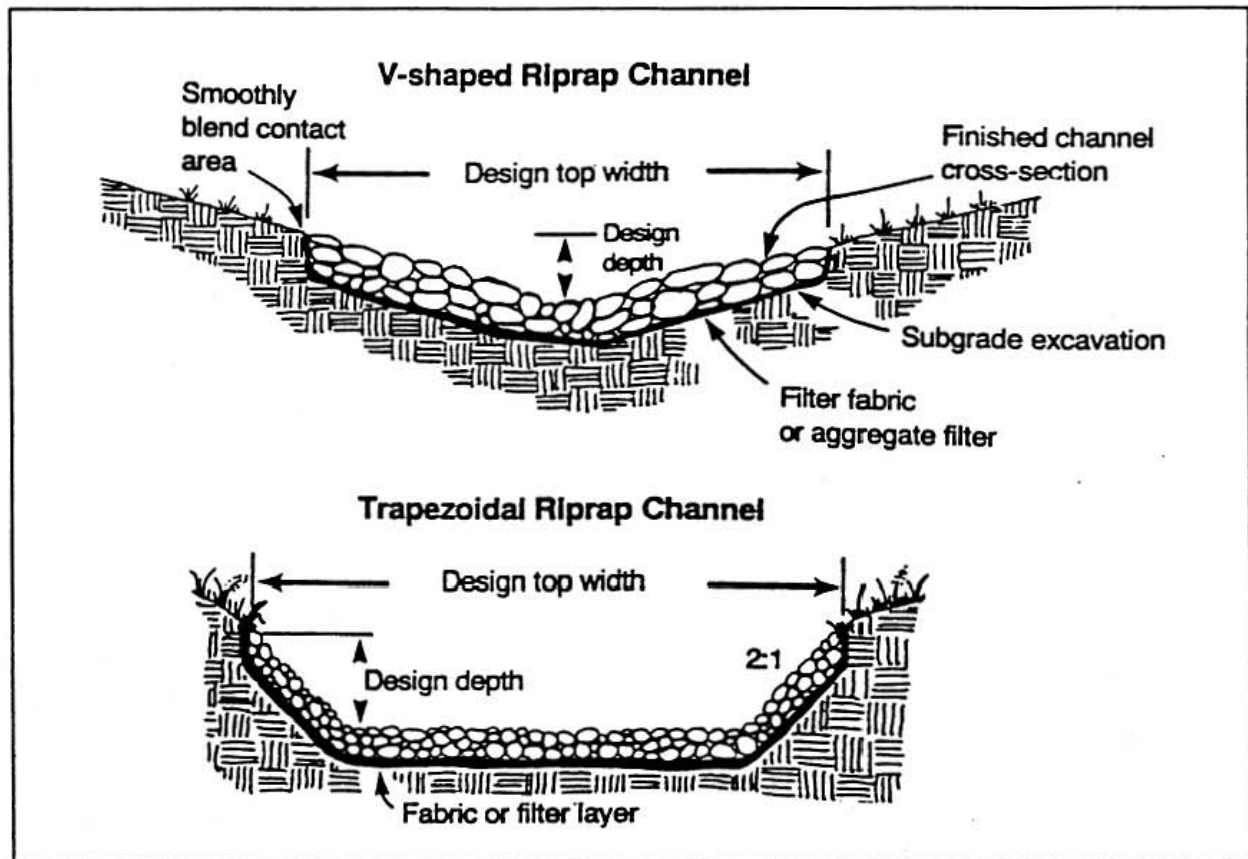


Figure 6. Typical riprap-lined channel cross-sections. (Source: Ref. 1)



Engineering & Construction Department

Project Name: Fairway Park Detention Phase II Project Number: SW0910B
 Project Location: North Side of 61st between 9th St. and 23rd St. Contract Number: SW0910B
 Prime Contractor: Lowry Construction Services, Inc. Date: 06/01/2016

REQUEST FOR INFORMATION NO. #002

FROM:

Name: Hutton Lowry **Title:** President **Company:** Lowry Construction Services, Inc.

Contact Information: hutton@lowrycs.com

Subject: Control Points

Specification:

Question:

Please provide horizontal and vertical control points.

Proposed Resolution:

Estimated Cost Impact: Unknown

Estimated Schedule Impact: Unknown

REPLY TO CONTRACTOR:

DATE ANSWERED:

Per photo attached, the existing storm pipe appears in acceptable condition and does not warrant replacement. Please provide an appropriate Change Proposal to re-set the existing storm sewer line (western pipe only), backfill, and regrade washout for work beyond original scope. Directives for alignment and final grading to be addressed by the on-site contract administrator.

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 _____



Signature

Date

Signature

Date

