

# Change Order

No. 2

Date of Issuance: December 19, 2017

Effective Date: October 1, 2017

Project: Repairs to Main Tile, Outlet, and Waterway on DD 1	Owner: Trustees of Drainage District 1	Owner's Contract No.:
Contract:		Date of Contract: April 27, 2017
Contractor: Gehrke, Inc.		Engineer's Project No.: 6749

**The Contract Documents are modified as follows upon execution of this Change Order:**

Description: During construction, the project quantities needed adjusted for additional items that were needed for construction. Also, accommodations to the contractors means and methods were requested.

**Attachments (list documents supporting change):**

List of items included in the change order. Revised list of project prices and quantities. Contractor supplied info.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
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Original Contract Price: \$149,749.00	Original Contract Times: Substantial completion (date): 11-30-2017	<input checked="" type="checkbox"/> Calendar days
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Decrease from previously approved Change Orders No. 1 to No. 1: \$ 200.00	[Increase] [Decrease] from previously approved Change Orders No. 1 to No. 1: Substantial completion (days): 0
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Contract Price prior to this Change Order: \$149,549.00	Contract Times prior to this Change Order: Substantial completion (date): 11-30-2017
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Increase of this Change Order: \$ 24,353.75	Increase of this Change Order: Substantial completion (days): 0
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Contract Price incorporating this Change Order: \$173,902.75	Contract Times with all approved Change Orders: Substantial completion (date): 11-30-2017
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RECOMMENDED By: <u>[Signature]</u> Engineer (Authorized Signature) Date: <u>12-19-17</u> Approved by Funding Agency (if applicable): _____	ACCEPTED: By: _____ Owner (Authorized Signature) Date: _____	ACCEPTED: By: <u>[Signature]</u> Contractor (Authorized Signature) Date: <u>12/19/17</u> Date: _____
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#### Project items included in this Change Order:

- CCTV inspection revealed that spot repairs (pipe, tile removal, and concrete collars) were needed in the portion of main tile previously untelevised.
- Additional lengths of pipe and tile removal were needed on several spot repairs after they were uncovered.
- Additional private tile connections were encountered during spot repairs that needed to be reconnected.
- The open ditch construction and seeding were extended 100' upstream to allow for a smoother transition with the existing ground.
- The waterway cleanout and seeding were extended 100' to allow for a smoother transition with the existing ground.
- Traffic control was not used on this project.
- Reduced length of CCTV of the existing tile was required.
- An intake that was offset from the main tile had to be removed and replaced (see attached contractor pricing request).

#### Project deviations to accommodate contractor's means and methods included in this Change Order:

- Landowner preferred existing tile to be removed, crushed, and buried on-site instead of being trucked offsite (see attached signed agreement from landowner).
- The sheet pile headwall was installed without the engineer being notified or allowed to view the installation (see attached statement from contractor). The contractor assumes all liability for this installation (except for design errors) and holds the engineer harmless.

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Installed Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
1*	24" Ø Polypropylene Tile	741	LF	741	\$ 86.25	\$ 63,911.25
2*	Type PC-2 Concrete Collar	43	EA	43	\$ 300.00	\$ 12,900.00
3*	Private Tile Connection	6	EA	6	\$ 300.00	\$ 1,800.00
4*	Tile Removal	1391	LF	1391	\$ 5.00	\$ 6,955.00
5^	30" Ø CMP Tile	20	LF	20	\$ 65.00	\$ 1,300.00
6	Sheet Pile Headwall	404	SF	404	\$ 41.00	\$ 16,564.00
7	Riprap	7.5	CY	7.5	\$ 70.00	\$ 525.00
8	Grouted Riprap	14	CY	14	\$ 165.00	\$ 2,310.00
9*	Open Ditch Construction	8.5	STA	8.5	\$ 1,800.00	\$ 15,300.00
10*	Open Ditch Seeding	8.5	STA	8.5	\$ 250.00	\$ 2,125.00
11*	Waterway Cleanout	21.5	STA	21.5	\$ 1,025.00	\$ 22,037.50
12*	Waterway Seeding	21.5	STA	21.5	\$ 170.00	\$ 3,655.00
13	Seeding Warranty	1	LS	1	\$ 2,500.00	\$ 2,500.00
14*	Traffic Control	0	LS	0	\$ 500.00	\$ -
15*	CCTV Existing Tile	510	LF	510	\$ 2.00	\$ 1,020.00
16	Tree Removal	1	LS	1	\$ 20,000.00	\$ 20,000.00
17*	12" Hickenbottom Intake	1	EA	1	\$ 1,000.00	\$ 1,000.00

**Revised Contract Total** \$ 173,902.75



# Gehrke Inc.

P.O. Box 228 • 1405 21<sup>st</sup> Avenue  
Eldora, Iowa 50627

641-858-3821 • Fax 641-858-2564

To: Hardin County Board of Supervisors

From: Gehrke Inc., Eldora, Ia.

Re: Change Order Request: Remove/Replacement of 12" Hickenbottom intake, DD 1  
(project 6749 + 6749.1)

As per conversation with project management from Ryken Engineering, it has been determined to remove and replace a 12" intake on the 24" main tile near station 55 + 45.

Gehrke Inc. is requesting \$1000.00 for all materials, equipment, and labor, to complete this additional work. Materials include: hickenbottom middle and top sections, saddle tee, and coupler.



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Eldora, Iowa 50627  
641-858-3821  
Fax 641-858-2564

To: Hardin County Supervisors  
From: Gehrke Inc.  
Re: Landowner approval DD1

This memo is confirming the landowner's agreement that the existing tile will be buried at a location to be provided by the landowner on project 6749 and 6749.1 {DD1}.

All the existing tile will be exposed, checked for and incoming tile, and then removed and buried at a location provided by the landowner. Any laterals will be routed to the new ditch and connected according to specifications. Once all sections are checked they will be crushed flat. Any steel materials are found will be removed. Once the tile is removed the clay and black dirt will be placed back on top and graded.

By signing this document as the land owner (or land owner's legal representative), the land owner is agreeing to the terms listed in this letter for this project.

Name

A handwritten signature in blue ink, appearing to read "Ken R...", written over a horizontal line.

Date

10-9-17

Legal Description: W 1/2 SW 1/4 Section 25 Jackson Twp Hardin Co Ia

# Gehrke Inc.

P.O. Box 228 • 1405 21<sup>st</sup> Avenue  
Eldora, Iowa 50627

641-858-3821 • Fax 641-858-2564

To: Hardin County Board of Supervisors

From: Gehrke Inc., Eldora, Ia.

Re: Installation of headwall, DD 1 (project 6749 + 6749.1)

The purpose of this letter is to document details of the installation of the sheet pile headwall (bid item #6) by Gehrke Inc on Hardin DD 1, project 6749 + 6749.1. This letter is in response to requests for clarification on this matter, as requested by Mr. Lee Gallentine, Ryken Engineering.

On Saturday, September 16<sup>th</sup>, Gehrke Inc. employees performed the installation of the headwall in accordance with all specification outlined for bid item #6 by Ryken Engineering. However, a representative of Ryken Engineering was not present. Mr. Ken Reece, landowner, was present for the majority of the installation. Shortly after installation, we were contacted by Mr. Lee Gallentine, informing us that the absence of an inspector was not permissible, that his office needed to be notified before this installation, and that he would be informing the Supervisors of this occurrence.

Sheet pile installation was performed with a vibrating plate to a depth that is at minimum 3 inches deeper than recommended by project specification as prepared by Ryken Engineering. The sheet pile was ordered 1 foot longer than specified and driven to elevations of 1033 and 1040 as specified in Ryken Engineering design documents.

Gehrke Inc. stands behind this installation in accordance with the signed contract. Installation was performed in accordance with design specifications. Gehrke Inc. will not be held liable should maintenance or structural problems occur that are a result of project design or specifications.