*	Roll	Call	Number	

Agenda Item Number	r
16	

Date August 8, 2022

# APPROVING CHANGE ORDER NO. 5 WITH RW EXCAVATING SOLUTIONS, LC FOR ADDITIONAL WORK ON HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 2, IN THE AMOUNT OF \$239,760

BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 5 between the City of Des Moines and RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, 13293 S. 88<sup>th</sup> Avenue W, Prairie City, Iowa, 50228, for additional work on Hamilton Drain Storm Water Improvements Phase 2, in the amount of \$239,760, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(City Council Communication Number <u>22:372</u> attached)
Activity ID 08-2021-002

Moved by	to adopt.	Second by
FORM APPROVED:	s/Kathleen Vanderpool	
	Kathleen Vanderpool	
	Deputy City Attorney	

SLN

Funding Source: 2022-2023 CIP, Page 107, Hamilton Drainage Area Improvements, SM133, Being: Storm Water Revenue Bonds and Storm Water Utility Fund

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APP	ROVED

### **CERTIFICATE**

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

# **ENGINEERING DEPARTMENT** CITY OF DES MOINES, IOWA



## CHANGE ORDER AGREEMENT NO. 5

Date:

July 19, 2022

**INITIATED BY:** City

Contractor: RW Excavating Solutions, LC

**Project:** 

Hamilton Drain Storm Water Improvements

**Activity ID:** 082021002

Phase 2

### DESCRIPTION OF CHANGE ORDER AND PURPOSE

# Item 8023

An existing 30" brick sanitary sewer collapsed under E Shawnee, just west of the Columbia St intersection, within the project limits. The contractor was directed to excavate the collapsed sewer and restore the flow of wastewater. New item includes 40' of temporary 24" sewer pipe, 2 concrete collars, bypass pumping and delays associated with the emergency repair work.

Items 16, 34, and 49

Provides additional quantities of existing contract items in order to repair the previously described sewer collapse. SUDAS approved pipe materials may be substituted for Ductile Iron Pipe (DIP) in the event that DIP is not available in a manner that fits the project schedule.

### Item 8022

Provides new item for lining the existing 30" brick sanitary sewer under E Madison Avenue from Columbia St to Bowdoin St and under Bowdoin St from E Madison Ave to approximately 300' south of E Madison Ave to the nearest existing manhole. These locations are located within the project limits and are anticipated to be at risk of collapse if lining is not complete prior to starting work in this area. Item includes pre-cleaning, measurements and televising of existing sewer, installation of CIPP liner, bypass pumping of wastewater flows during lining installation, and post-installation televising inspection.

This change order adjusts the completion provisions as follows and the contractor agrees to:

- 1. Fully complete the project on or before May 15, 2023 and to pay liquidated damages for noncompliance with said completion provision in the amount of five hundred and no/100 dollars (\$500.00) for each calendar day thereafter.
- 2. Substantially complete Stage 1, Stage 2, Stage 3, NE 43rd Basin, York Basin, and Amherst Basin as shown in the construction drawings on or before December 1, 2022 and to pay liquidated damages for noncompliance with said completion provision in the amount of five hundred and no/100 dollars (\$500.00) for each calendar day thereafter. Substantial completion includes all work except final seeding and turf restoration.
- 3. Pay separate sums of liquidated damages that will be assessed for each of the conditions described hereinbefore, and they shall be cumulative if multiple conditions have not been satisfied.

# SETTLEMENT FOR COST OF CHANGED WORK

# A. CHANGE OF PLANS TO BE INCLUDED IN AS-BUILT MEASUREMENT OF CONTRACT ITEMS:

ITEM	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
16	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 30"	160.00 LF	\$200.00	\$32,000.00
34	REMOVAL OF STORM SEWER > 30" DIAMETER	160.00 LF	\$25.00	\$4,000.00

49	MANHOLE, SW-301M 72"	1.00 EACH	\$9,760.00	\$9,760.00
		NET CHANGE PART	ГА	\$45,760.00
B. ITE	MS FOR WHICH CONTRACT UNIT PR	ICES ARE NOT ESTA	BLISHED:	
ITEM	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
8022	CIPP Sewer Lining, 30"	620.00 LF	\$300.00	\$186,000.00
8023	Sanitary Sewer Emergency Repairs	1.00 LS	\$8,000.00	\$8,000.00
		NET CHANGE PART	ГВ	\$194,000.00
			,	
			TOTAL	\$239,760.00

ADJUSTMENT TO COMPLETION PROVISIONS: Refer to Description of Change Order and Purpose

Original Contract Amount	\$6,196,268.70
Previous Change Orders	\$187,921.64
Amount of Change By This Change Order	\$239,760.00
New Contract Amount Including This Change Ordo	er \$6,623,950.34
Percentage of Change Orders to Original Contract  7/20/2022 Christopher Kuhl, P.E. Date  Civil Engineer I	DMK Steven L. Naber, P.E. Des Moines City Engineer
RW Excavating Solutions, LC Date	Scott E. Sanders Date City Manager
	Roll Call No. Date
Distribution: Original - Project File Copy Copy - Prime Contractor Copy - Contract Compliance Copy - Finance Department Copy - Inspection	- Christopher Kuhl, P.E. Civil Engineer I

	FUNDING INFORMATION				
CIP Page	102	Reviewer	DMK		
Object Code	543040	Adequate	X		
Organization	E304PW	Transfer \$			
Project	SM133	Object Code			
Activity ID	082021002	Organization			
		Project			

Adds additional quantities and new items for emergency repairs to a collapsed sanitary sewer. Adds item for sewer lining to prevent potential sewer collapses within the project limits. Adjust contract completion provisions.