CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

ITEM: **DATE: January 26, 2016**

Motion – Approving Change Order #1
Fox Creek Trunk Sewer – Phase 1
MPS Engineers, P.C.

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$1,974,614.00	February 23, 2015	
Change Order 1	$20,780.30	Pending	
Total	**$1,995,394.30**		

Cost for this change order items will be paid from budgeted account no. 5061.80.820.6.7910 with the ultimate funding intended to come from Sewer Fee Revenues.

BACKGROUND:

During construction of an adjacent water main project along Mills Civic Parkway a layer of rock was discovered. Analysis indicated the proposed sewer boring under Mills Civic Parkway would be partially in the rock layer, complicating the boring process and impeding the ability to control the bore. In order to alleviate this condition the crossing under Mills Civic Parkway was raised above the level of the rock. This required a drop connection at the downstream end. This change order includes the work necessary to construct the drop connection. The Contractor has provided a deduction of $10,050 in consideration of reducing the depth of bore pit excavation and a deduction of $4,209.99 in compensation for the final bore exceeding the specified horizontal tolerance.

OUTSTANDING ISSUES: None

RECOMMENDATION:

City Council Adopt:

- Motion Approving Change Order #1 for the Fox Creek Sanitary Sewer project.

Lead Staff Member: Duane Wittstock, P.E., L.S., City Engineer

STAFF REVIEWS

Department Director	Duane Wittstock, City Engineer DCW
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTG

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	January 18, 2016		
Recommendation	Yes	No	Split

THE CITY OF
West Des Moines

CITY OF WEST DES MOINES

ENGINEERING SERVICES
4200 Mills Civic Parkway
Wes Des Moines, IA 50265-0320
(515) 222-3620 Fax (515) 273-0602

CHANGE ORDER

Distribution:
Owner ___
Engineer ___
Contractor ___
Other ___

Contractor: **MPS Engineers, P.C.**
1444 Illinois Street
Des Moines, Iowa 50314

Project Title	Fox Creek Trunk Sewer - Phase 1	
WDM Project File Number	0510-010-2012	
Purchase Order Number	5061-03	
Orig. Contract Amount & Date	$1,974,614.00	February 23, 2015
Change Order Number	1	
Date	January 14, 2016	

THE CONTRACT IS CHANGED AS FOLLOWS: As part of the water main extension on Mills Civic Parkway the West Des Moines Water Works completed soil borings to determine the elevation and depth of rock in the vicinity of the Fox Creek crossing along Mills Civic Parkway. Based on the buried rock elevation the sanitary sewer bore under Mills Civic Parkway would be partially in the rock layer complicating the bore installation due to inability to control the casing pipe alignment. Therefore, the bore alignment was raised by 3' on the north end and approximately 9' on the south end requiring the installation of a 30" drop connection at MH-1 on the south side of Mills Civic Parkway where the new Fox Creek sanitary sewer ties into the existing 42" sanitary sewer. This change order covers the cost for materials required for the 30" ductile iron pipe drop connection, the minor connection modifications to Manhole 1 (MH-1), and replacing a manhole riser section in MH-2. All additional labor, material, and equipment cost and any other costs associated with installation of the bore under Mills Civic Parkway and sanitary sewer pipe construction between MH-1 and MH-2 is incidental to this change order.

Included in the cost of this change order the contractor provided a $10,050.00 deduct for shallowing the bore pit and avoiding boring in rock material. The contractor also provided and additional deduct of $4,209.99 for exceeding the allowable horizontal tolerance on the installation of the casing pipe.

Additional days to complete this work will be addressed in negotiations related to completion of the overall project.

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
CO 1.1	30" Drop Connection	LS	$20,780.30	1.000	$20,780.30
					$0.00
					$0.00
			TOTAL		$20,780.30

CHANGE ORDER SUMMARY

The Original Contract Sum was	$1,974,614.00
Net Change by previously authorized Change Orders	$0.00
The Contract Sum prior to This Change Order was	$1,974,614.00
The Contract Sum will be **increased** by this Change Order in the amount of	$20,780.30
The new Contract Sum including this Change Order will be	**$1,995,394.30**
Aggregate Change Order as a percent of Original Contract (if the aggregate is $10,000, or greater than 5% of the original contract, whichever is greater, all signatures through the full Council are required)	1.05%
The Contract Time will be **changed** by	0 Days
The date of Final Completion as of the date of this Change Order therefore is	October 30, 2015

NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE (If applicable) AND OWNER

Contractor:	**Recommended By:**	**Checked By:** BDM
MPS Engineers, P.C.	**Veenstra & Kimm, Inc**	**City of West Des Moines**
Signature:	Signature:	Signature:
Name: Jody Dintoar Kuse	Name: GERALD E. RINSHATER	**Name: Duane C. Wittstock, P.E., L.S.**
Title: Office Mgr	Title: PROJECT MANAGER	**Title: City Engineer**
Date: 1/20/2016	Date: 1/13/16	Date:

Owner: **City of West Des Moines**

☐	≤	$2,500 Department Director	X	Date 1-21-16
☐		$2,501 to 5,000 City Manager	X	Date
☐		$5001 to 10,000 PW Council Committee scheduled for agenda on	scheduled for agenda on	Date 1/18/16
☐	>	$10,000 City Council approved or ratified at Council meeting on		Date 1/26/16