



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Gregg Mandsager, City Administrator
CC: Fran Donelson, Secretary
FROM: Randy Hill, Public Works Director
DATE: December 13, 2010
RE: Change Order #5 – Hershey Ave. Sewer Separation Project II

INTRODUCTION:

The City of Muscatine has contracted with Langman Construction to separate the storm and sanitary sewers known as the Hershey Ave. Sewer Separation Project II. Several change orders have been needed during the course of construction. Presented is CO #5.

BACKGROUND:

A sewer service at 1803 Hershey Ave. discharged into a pipe which had been designed to discharge into the storm sewer. Leaving it as it was would mean sanitary waste would be going to the storm sewer which is forbidden. Since it was a pre-existing condition the change was made as a part of the contract.

RECOMMENDATION/RATIONALE:

A plumber (Butcher Plumbing) was hired to do the work. The effort was complicated because it was not realized there was no service at the front of the house which is usually the case. Therefore the work was done in the homeowner's yard and the service connected to a nearby manhole. The cost for this change order is \$3,172.80. It is recommended to approve Change Order #5.

BACKUP INFORMATION:

1. Memo from Dennis Kistenmacher (dated December 10, 2010)
2. Change Order #5
3. Invoice – Kirk Butcher Plumbing & Heating

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain

*Dennis Kistenmacher
Project Manager
Hershey Avenue Sanitary and
Storm Sewer Separation Project
Contract 2
Cell Phone No. (563)260-4838*

December 10, 2010

Mr. Randy Hill
Muscatine Public Works
1459 Washington Street
Muscatine, IA 52761

Dear Randy:

Subject: Change Order No. 5
Sewer Service Connection
Hershey Avenue Sewer
Separation Project, Contract 2

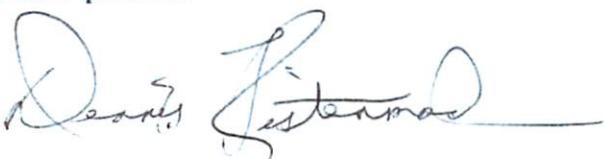
As discussed previously, the attached Change Order covers a sewer connection that was required as a special circumstance, due to Project requirements. A sewer service at 1803 Hershey Avenue discharged into a pipe which had been designed to discharge into the storm sewer. Leaving it as it was would mean sanitary waste would be going to the storm sewer, which is forbidden by the separation criteria. Since it was a pre-existing condition, discussions with Jon Lutz indicated we should make the change as a requirement of this Contract.

The work was therefore undertaken, but by hiring a plumber. That allowed Langman to keep working on the major Project items. Thus, no delays were caused by Langman's crew having to pull off of sewer main installation. The effort was complicated, thus more time consuming than normal. That is because it was not realized until the sewer main was past the house at 1803 Hershey that there was no service at the front of the house, which is the normal situation. The sewer main would have required digging up and replacing a section of it to make the connection. Therefore, it was decided to do the work in the homeowner's yard, and connect the service to a nearby manhole.

Attached is Change Order No. 5, and an invoice from Butcher Plumbing, who completed the work.

Please contact me if you have questions.

Sincerely,
Dennis Kistenmacher
Project Manager



Attachments

CHANGE ORDER

Project Name: Hershey Avenue, Contract 2, Sanitary and Storm Sewer Separation	Change Order No.: 5
Project Description: Storm and Sanitary Sewer Construction	Instruction No.: Cost Code: Lump Sum
Contractor: Langman Construction	Date Prepared: December 9, 2010

Description of Change:

The sanitary sewer service at 1803 Hershey Avenue needed to be connected to the new sanitary sewer in Hershey Avenue. In the interest of time, a plumber was hired to do the work. The plumber performed in accordance with instructions of the Project Manager. The attached invoice from Butcher Plumbing covers the necessary work to disconnect the service from the 24" storm sewer, and connect it to the new sanitary sewer. The time and materials to do the job are reflected in the invoice.

Basis of Price Change:

Unit Price Time and Material Lump Sum

Cost: \$3,172.80

Contract Time Change:

No Change Extended Decreased by _____ days

Accepted: Langman Construction *12/9/10* **Signature & Date** Project Manager **Title**

Reviewed and Recommended by: _____

Accepted: City of Muscatine **Signature & Date** Randy Hill
Owner **Public Works Director**

Reason for Change: Design Request Owner Request
 Field Conditions Suggested by Contractor
 Other _____

Reviewed and Recommended By: *Dennis Kistenmacher* **Dennis Kistenmacher, Project Manager**

Distribution: Owner (Randy Hill, PWD)
Contractor (Langman Construction, Inc.)
Stanley Consultants (Mike Knott)

**KIRK BUTCHER
PLUMBING & HEATING, INC.**

821 Park Avenue
Muscatine, IA 52761
563/264-6105

INVOICE

DATE OF ORDER 12/3/10

CUSTOMER'S ORDER NO.	PHONE (HOME)	PHONE (WORK)	STARTING DATE
<u>Langman Construction</u>			ORDER TAKEN BY
ADDRESS			
CITY			<input type="checkbox"/> SERVICE <input type="checkbox"/> CONTRACT <input type="checkbox"/> EXTRA
JOB NAME AND LOCATION		JOB PHONE <u>6-4838</u>	PREFERRED TIME
<u>1803 Hershey</u>			

DESCRIPTION OF WORK 1021651775

Replace Sewer to
house

	TOTAL LABOR	<u>1407.50</u>
PAYMENT DUE 10 DAYS AFTER RECEIPT OF INVOICE	TOTAL MATERIAL	<u>310.30</u>
1-1/2% PER MONTH/18% PER YEAR WILL BE CHARGED ON ALL PAST DUE AMOUNTS	TOTAL EQUIP.	<u>1455.00</u>
	PERMIT	
	SUBTOTAL	<u>3172.80</u>
<u>Thank You</u> <u>Kirk</u>	TAX	
	TOTAL AMOUNT	<u>3172.80</u>

I hereby acknowledge the satisfactory completion of the above described work.

No one home

Signature _____