



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

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

12-9-10  
Signature & Date

Project Manager  
Title

**Reviewed and Recommended by:** \_\_\_\_\_

**Accepted:** City of Muscatine  
Owner

\_\_\_\_\_  
Signature & Date

Randy Hill  
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)



DATE OF ORDER 12/3/10

DESCRIPTION OF WORK		102651775	
Replace Sewer to house			
	TOTAL LABOR	1467	50
PAYMENT DUE 10 DAYS AFTER RECEIPT OF INVOICE	TOTAL MATERIAL	310	30
1-1/2% PER MONTH/18% PER YEAR WILL BE CHARGED	TOTAL EQUIP.	1455	00
ON ALL PAST DUE AMOUNTS	PERMIT		
	SUBTOTAL	3172	80
	TAX		
	TOTAL AMOUNT	3172	80

Thank You  
Kirk

Signature \_\_\_\_\_