

★ Roll Call Number

Agenda Item Number

Date August 20, 2007

AB

APPROVING CHANGE ORDER NO. 3 WITH  
REILLY CONSTRUCTION COMPANY, INC.  
FOR ADDITIONAL WORK ON THE  
SOUTH UNION & PARK AVENUE STORM SEWER IMPROVEMENTS  
FOR A TOTAL NOT TO EXCEED \$79,970.00

BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 3 between the City of Des Moines and Reilly Construction Company, Inc., Chris R. Reilly, President, 110 E. Main Street, Ossian, Iowa, 52161, for additional work on the South Union & Park Avenue Storm Sewer Improvements, in an amount not to exceed \$79,970.00, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(Council Communication Number 514 attached)

Activity ID 08-2007-002

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED: *Kathleen Vanderpool*  
Kathleen Vanderpool  
Deputy City Attorney



Funding Source: 2006-2007 CIP, Page Storm-8, Crawford Creek - Watershed Improvements, STE074, Storm Water Utility Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
VCLASSIS				
TOTAL				

MOTION CARRIED APPROVED

CERTIFICATE

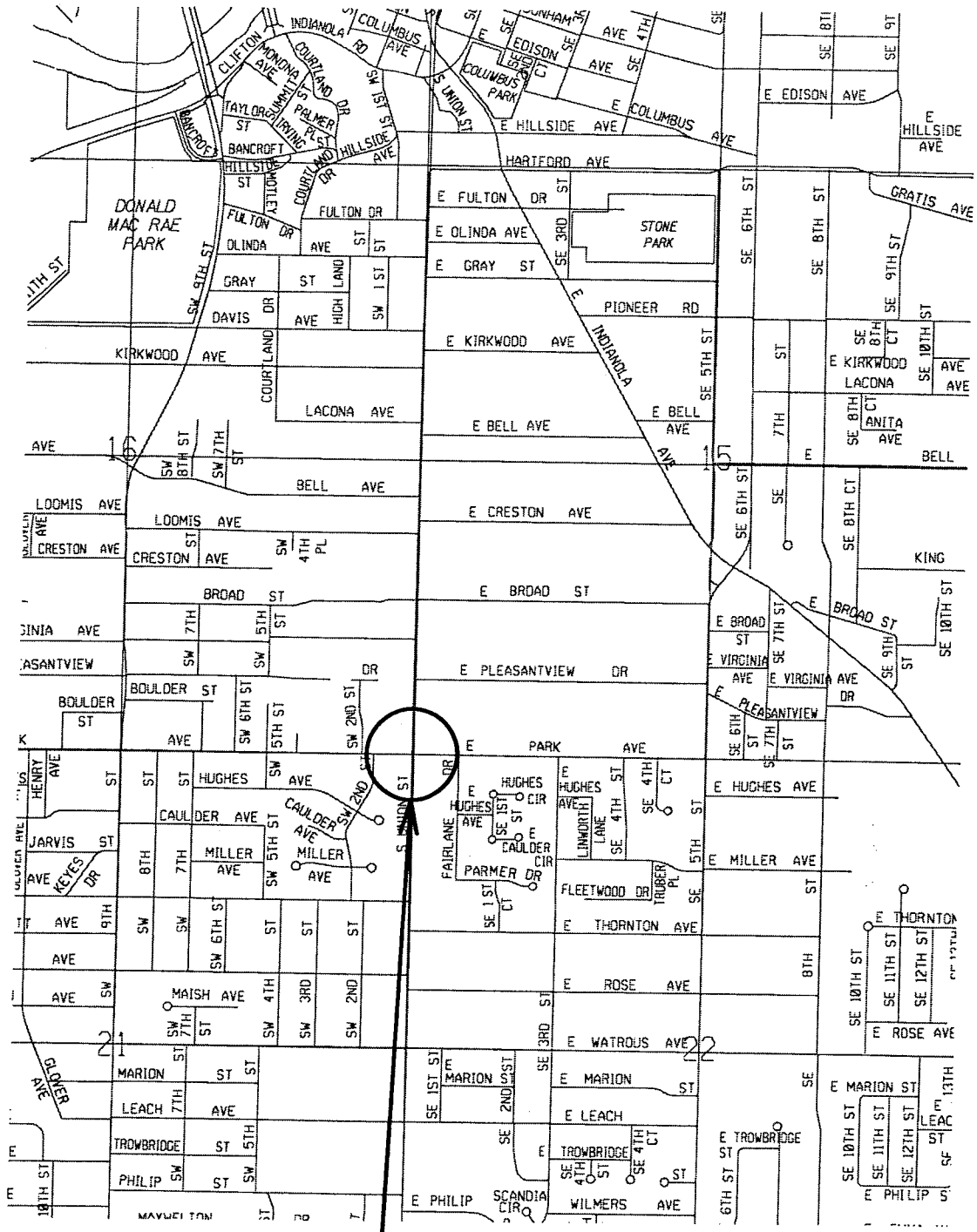
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

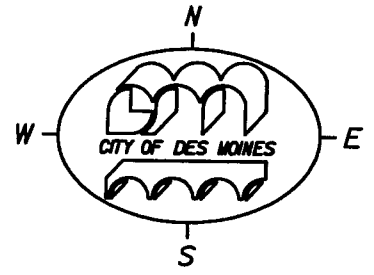
\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

9B



**PROJECT  
LOCATION**



**SOUTH UNION ST. AND PARK AVE.  
STORM SEWER IMPROVEMENTS  
ACTIVITY I.D. 08-2007-002**

9B

# PROJECT SUMMARY

## S. Union & Park Storm Sewer Improvements

### Activity ID 08-2007-002

The improvement includes constructing approximately 350 LF of new 72" reinforced concrete pipe in the northwest quadrant of the intersection of South Union and Park Avenue, also including relocation of conflicting utilities including sanitary sewer, reconstruction of street, driveway, and sidewalk pavements; site seeding or sodding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 465-040/046.

Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	Removal of unsuitable materials from the project.	Engineering	\$16,800.00
2	Pay for footing for articulated block mat and a concrete pipe support for sanitary sewer line.	Engineering	\$2,750.00
3	Additional pipe and related items for extension of inlet and outlet.	Engineering	\$79,970.00
<b>Original Contract Amount</b>			\$209,856.00
<b>Total Change Orders</b>			\$99,520.00
<b>Percent of Change Orders to Original Contract</b>			47.42%
<b>Final Contract Amount</b>			\$309,376.00

**ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA  
CHANGE ORDER AGREEMENT NO. 3**



**Date:** 8/6/2007

**Contractor:** Reilly Construction Company, Inc.

**Project:** S. Union & Park Storm Sewer Improvements

**Subproject:**

**Activity ID:** 08-2007-002

**Activity ID:**

**INITIATED BY:**

Engineering

**DESCRIPTION OF CHANGE ORDER AND PURPOSE**

The purpose of this change order is to increase contract quantities and add items to the contract for additional work on the South Union Street and Park Avenue Storm Sewer Improvements Project.

The additional items are required on both the inlet and the outlet ends of the pipe placed between South Union Street and Park Avenue. During construction, it was discovered that due to differing existing conditions at both the inlet and outlet, both would not be able to be constructed as per plan. If the inlet and outlet were constructed using the conditions encountered, the banks of the creek would have been too steep to prevent further erosion of the banks. It was determined that the most effective solution to the problems is to extend the pipe approximately 24 feet on the inlet side and 136 feet on the outlet side.

**SETTLEMENT FOR COST OF CHANGED WORK**

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

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNITS</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
6	72" RCP Storm Sewer	160.000 LF	\$275.00	\$44,000.00
7	72" FES	1.000 EA	\$2,250.00	\$2,250.00
10	Type M-C Storm Sewer Manhole - Cast in Place	1.000 LS	\$7,000.00	\$7,000.00
13	Borrow	950.000 CY	\$13.50	\$12,825.00
14	Topsoil	60.000 CY	\$25.00	\$1,500.00
15	Sod	65.000 SQ	\$33.00	\$2,145.00
<b>NET CHANGE PART A</b>				<b>\$69,720.00</b>

**B . ITEMS FOR WHICH CONTRACT UNIT PRICES ARE NOT ESTABLISHED:**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNITS</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
3.01	Remove & Relocate Articulated Block Mat-Inlet	1.000 LS	\$1,750.00	\$1,750.00
3.02	Remove & Relocate Articulated Block Mat-Outlet	1.000 LS	\$5,000.00	\$5,000.00
3.03	Remove & Relocate FES	1.000 LS	\$2,000.00	\$2,000.00
3.04	Footing for Articulated Block Mat	1.000 EA	\$1,500.00	\$1,500.00
<b>NET CHANGE PART B</b>				<b>\$10,250.00</b>

**TOTAL**      **\$79,970.00**

