

DATE July 28, 2008

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR SOUTH UNION STREET & PARK AVENUE STORM SEWER IMPROVEMENTS, REILLY CONSTRUCTION COMPANY, INC.**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Jurisdictional Engineer, showing the cost of the construction of the South Union Street & Park Avenue Storm Sewer Improvements, 08-2007-002, in accordance with the contract approved between Reilly Construction Company, Inc., Chris R. Reilly, President, 110 Main Street, PO Box 99, Ossian, IA 52161, under Roll Call No. 06-2328, of November 20, 2006, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$337,152.69 is the total cost, of which \$320,295.06 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$16,857.63 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser.

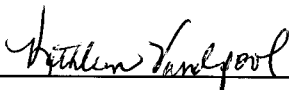
BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such acceptance within which to initiate suit to collect on their claims, and that if suit is not commenced within that time, the City of Des Moines will be required to release the retainage which it is now holding.

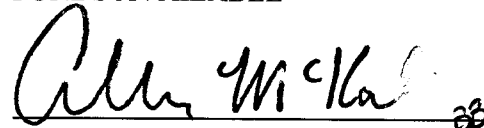
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

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

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool  
Deputy City Attorney

Allen McKinley  
Des Moines Finance Director

▲ Funding Source: 2008-2009 CIP, Page Storm Water - 6, Crawford Creek - Watershed Improvements, STE074, Storm Water Utility Funds

★ **Roll Call Number**

.....

**Agenda Item Number**

10

**Date** ..... July 28, 2008

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

**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.

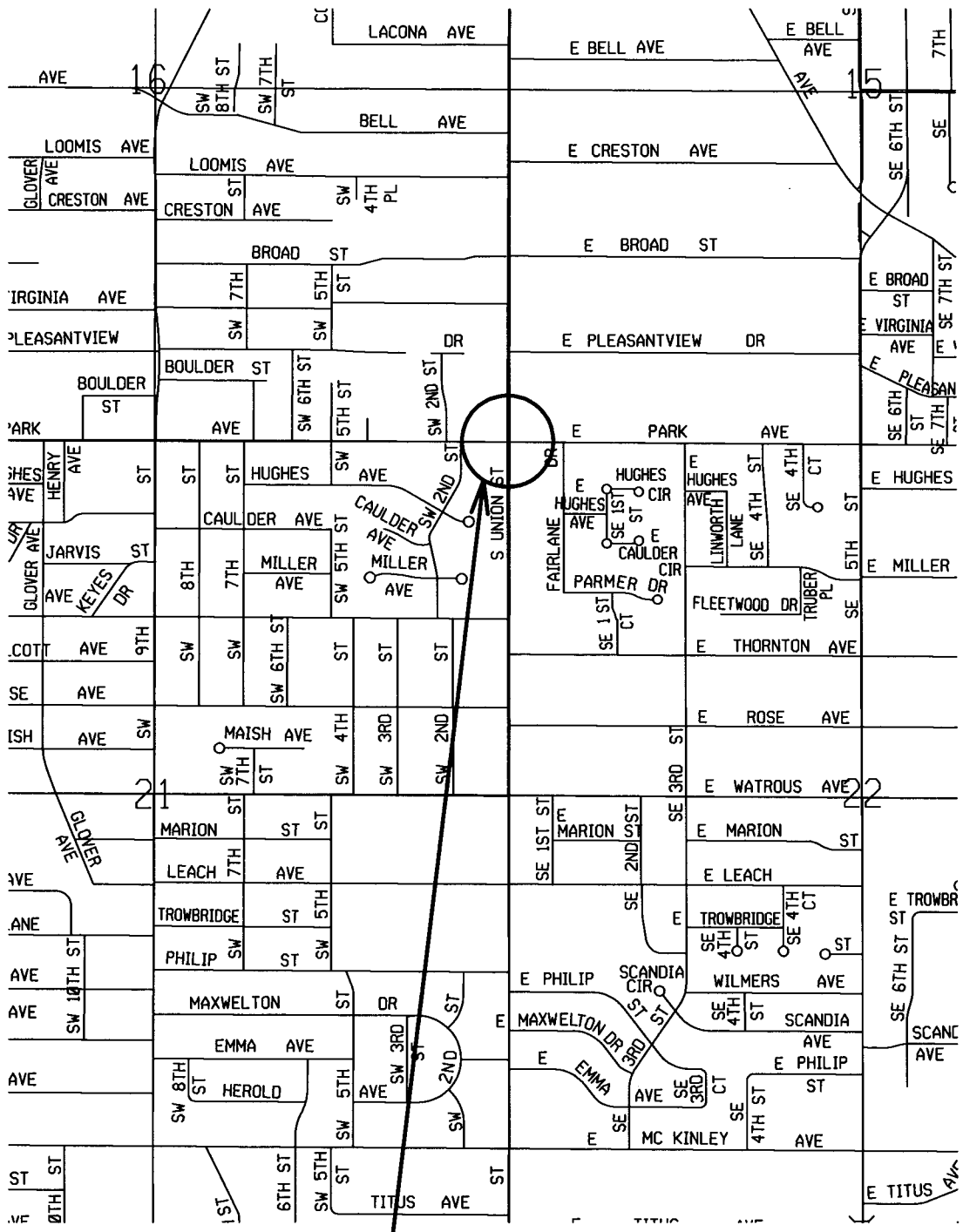
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED

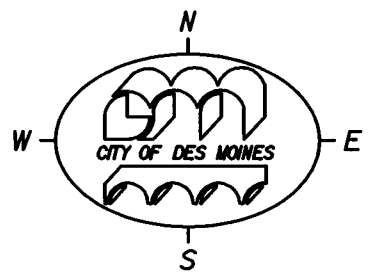
APPROVED

\_\_\_\_\_  
Mayor

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



**PROJECT  
LOCATION**



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

# 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	12/19/2007 Removal of unsuitable materials from the project.	Engineering	\$16,800.00
2	1/8/2008 Construct footing for articulated block mat and a concrete pipe support for sanitary sewer.	Engineering	\$2,750.00
3	8/20/2007 Additional pipe and related items for extension of inlet and outlet.	Engineering	\$79,970.00
4	1/8/2008 Construct a 15" RCP across Kirkwood and add an Intake.	Engineering	\$8,875.00
5	2/4/2008 Adjust contract quantities to match as-built quantities	Engineering	\$16,929.00
6	5/14/2008 Resolve drainage related issues at 3134 S. Union St.	Engineering	\$1,972.69
<b>Original Contract Amount</b>			\$209,856.00
<b>Total Change Orders</b>			\$127,296.69
<b>Percent of Change Orders to Original Contract</b>			60.66%
<b>Final Contract Amount</b>			\$337,152.69

July 28, 2008

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the South Union Street & Park Avenue Storm Sewer Improvements, Reilly Construction Company, Inc..

**SYNOPSIS:**

Approve the Jurisdictional Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

**FISCAL IMPACT:**

Amount: \$337,152.69 As-Built Contract Cost

Funding Source: 2008-2009 CIP, Page Storm Water - 6, Crawford Creek - Watershed Improvements, STE074, Storm Water Utility Funds

**CERTIFICATION OF COMPLETION:**

On November 20, 2006, under Roll Call No. 06-2328, the City Council awarded a contract to Reilly Construction Company, Inc., Chris R. Reilly, President, 110 Main Street, PO Box 99, Ossian, IA 52161 for the construction of the following improvement:

South Union Street & Park Avenue Storm Sewer Improvements, 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 Street 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 Plans File Nos. 465-040/046, on South Union Street and Park Avenue, Des Moines, Iowa

I hereby certify that the construction of said South Union Street & Park Avenue Storm Sewer Improvements, Activity ID 08-2007-002, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on May 8, 2007, and was completed on July 15, 2008.



ENGINEERING DEPARTMENT  
CITY HALL  
400 ROBERT D. RAY DRIVE  
DES MOINES, IOWA 50309-1891  
(515) 283-4920  
FAX (515) 283-4112

ALL-AMERICA CITY  
1949, 1976, 1981  
2003

I further certify that \$337,152.69 is the total cost of said improvement, of which \$320,295.06 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$16,857.63 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser. The amount of completed work is shown on the attached Estimate of Construction Completed.



Jeb E. Brewer, P.E.  
Des Moines City Engineer



ESTIMATE OF CONSTRUCTION COMPLETED

FINAL PAYMENT

PROJECT: SOUTH UNION STREET & PARK AVENUE STORM SEWER IMPROVEMENTS  
CONTRACTOR: REILLY CONSTRUCTION COMPANY, INC.

Activity ID: 08-2007-002  
7/3/2008

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Mobilization	LS	1.000	1.000	1.000	\$4,000.00
2	Clearing an Grubbing	ACRE	1	0.700	0.700	\$15,000.00
3	Traffic Control	LS	1	1.000	1.000	\$2,000.00
4	Construction Survey	LS	1	1.000	1.000	\$3,250.00
5	Grading	LS	1	1.000	1.000	\$3,000.00
6	72" RCP Storm Sewer	LF	344	504.000	504.000	\$138,600.00
7	72" FES	EACH	1	2.000	2.000	\$4,500.00
8	Unsuitable Material Excavation and Backfill	CY	50	50.000	50.000	\$1,000.00
9	Modified Type M-G Storm Sewer Manhole - Cast in Place	EACH	1	1.000	1.000	\$6,000.00
10	Type M-C Storm Sewer Manhole Station 100+00 - Cast in Place	EACH	1	2.000	2.000	\$7,000.00
11	Type M-C Storm Sewer Manhole Station 101+64 Cast in Place	EACH	1	1.000	1.000	\$6,500.00
12	Sewer Service Relocation	LS	1	1.000	1.000	\$3,850.00
13	Borrow	CY	1120	2,758.000	2,758.000	\$37,233.00
14	Topsoil	CY	280	518.000	518.000	\$12,950.00
15	Sod	SQ	300	285.000	285.000	\$9,405.00
16	Pneumatic Seeding	SQ	81	175.000	175.000	\$2,625.00
17	Erosion Control	LF	60	0.000	0.000	\$0.00
18	Remove Existing 60" Culvert	LS	1	1.000	1.000	\$2,500.00
19	Connect to Existing Box Culvert	EACH	1	1.000	1.000	\$2,500.00
20	Removal of Existing Driveway	SY	41	41.000	41.000	\$615.00
21	Removal of Existing Sidewalk	SY	13	69.000	69.000	\$1,035.00
22	Full Depth Composite Patch	SY	80	130.000	130.000	\$14,950.00
23	5" HMA Driveway	SY	28	28.000	28.000	\$616.00
24	6" PCC Driveway	SY	16	17.000	17.000	\$680.00
25	4" PCC Sidewalk	SY	13	69.000	69.000	\$2,760.00
26	Remove and Replace Chain Link Fence - 42"	LF	30	36.000	36.000	\$774.00
27	Articulated Concrete Block - 70 lb/sf	SY	75	75.000	75.000	\$11,250.00
28	Permanent Turf Reinforcement Mat	SY	900	253.000	253.000	\$1,012.00
29	Project Sign (Small)	LS	1	1.000	1.000	\$150.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1.01	Unsuitable Material Excavation	CY	0	1,200.000	1,200.000	\$14.00	\$16,800.00
2.01	Articulated Block Mat Footing	LS	0	1.000	1.000	\$1,500.00	\$1,500.00
2.02	Concrete Sanitary Sewer Support	LS	0	1.000	1.000	\$1,250.00	\$1,250.00
3.01	Remove & Replace Articulated Block Mat-Inlet	LS	0	0.000	0.000	\$1,750.00	\$0.00
3.02	Remove & Replace Articulated Block Mat-Outlet	LS	0	1.000	1.000	\$5,000.00	\$5,000.00
3.03	Remove & Relocate FES	LS	0	1.000	1.000	\$2,000.00	\$2,000.00
3.04	Footing for Articulated Block Mat	EACH	0	1.000	1.000	\$1,500.00	\$1,500.00
4.01	Additional Intake on Kirkwood	LS	0	1.000	1.000	\$8,875.00	\$8,875.00
6.01	Drainage Resolution - 3134 S. Union	LS	0	1.000	1.000	\$1,972.69	\$1,972.69
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$337,152.69				
PARTIAL PAYMENT #1			\$65,799.37				
PARTIAL PAYMENT #2			\$94,335.00				
PARTIAL PAYMENT #3			\$84,734.30				
PARTIAL PAYMENT #4			\$73,552.33				
PARTIAL PAYMENT #5			\$1,874.06				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$320,295.06				
BALANCE			\$16,857.63				
TOTAL							\$337,152.69
RETAINAGE							\$16,857.63
TOTAL LESS RETAINAGE							\$320,295.06
LESS PREVIOUS PAYMENT							\$320,295.06
AMOUNT DUE							\$0.00

FINAL PAYMENT

PREPARED BY: \_\_\_\_\_

CHECKED BY: *Jack L. Hart*