

DATE November 5, 2007

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2007 SANITARY/STORM MANHOLE AND INTAKE REPAIR, THE UNDERGROUND COMPANY, LTD.**

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 2007 Sanitary/Storm Manhole and Intake Repair, 07-2005-019, in accordance with the contract approved between The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047, under Roll Call No. 06-2029, of October 9, 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 \$321,616.20 is the total cost, of which \$305,535.39 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 \$16,080.81 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.

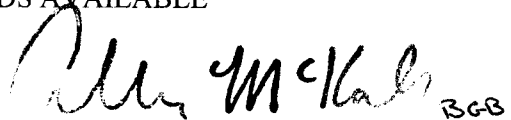
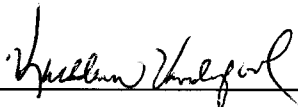
BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such 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: 2007-2008 CIP, Page Sanitary-5, City-wide Sanitary Sewers, SAE054, Various Funding, Being: \$147,345.00 in Sanitary Sewer Funds from SAE054 for Sanitary Manhole Repair work and \$174,271.20 in Storm Water Utility Funds from Page Storm-5, City-wide Storm Water Utility Projects, STE057, for Storm Intake Repair work

★ Roll Call Number

Agenda Item Number

9

Date November 5, 2007

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 SUMMARY

## 2007 Sanitary/Storm Manhole and Inake Re Activity ID 07-2005-019

On October 9, 2006, under Roll Call No. 06-2028, the City Council awarded the contract for the 2007 Sanitary/Storm Manhole and Inake Repair project to The Underground Company, Ltd. The resurfacing project includes removing and replacing various storm sewer intakes and sanitary manholes, lining sanitary sewer manholes, and other incidental items.

Tabulated below is a history of project change orders.

<u>Change</u> <u>Order No.</u>	<u>Description</u>	<u>Initiated</u> <u>By</u>	<u>Amount</u>
1	9/14/2007 The Contractor encountered unexpected situation in the field. They were asked to construct additional boxouts for intakes, and different types of intakes to accommodate existing conditions. The depths of two sanitary manholes were deeper than the inspection reports and the contract documents. Adjust contract quantities to match as-built quantities.	Engineering	(\$15,883.80)
<b>Original Contract Amount</b>			\$337,500.00
<b>Total Change Orders</b>			(\$15,883.80)
<b>Percent of Change Orders to Original Contract</b>			-4.71%
<b>Final Contract Amount</b>			\$321,616.20

November 5, 2007

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2007 Sanitary/Storm Manhole and Intake Repair, The Underground Company, Ltd..

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$321,616.20 As-Built Contract Cost

Funding Source: 2007-2008 CIP, Page Sanitary-5, City-wide Sanitary Sewers, SAE054, Various Funding, Being:

\$147,345.00 in Sanitary Sewer Funds from SAE054 for Sanitary Manhole Repair work and \$174,271.20 in Storm Water Utility Funds from Page Storm-5, City-wide Storm Water Utility Projects, STE057, for Storm Intake Repair work

**CERTIFICATION OF COMPLETION:**

On October 9, 2006, under Roll Call No. 06-2029, the City Council awarded a contract to The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047 for the construction of the following improvement:

2007 Sanitary/Storm Manhole and Intake Repair, 07-2005-019

The improvement includes removing and replacing various storm sewer intakes and sanitary manholes, lining sanitary sewer manholes, and other incidental items; in accordance with the contract documents, including Plan File Nos. 465-005/010, at various intake and manhole locations within the City of Des Moines.

I hereby certify that the construction of said 2007 Sanitary/Storm Manhole and Intake Repair, Activity ID 07-2005-019, 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 November 13, 2006, and was completed on October 26, 2007.



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 \$321,616.20 is the total cost of said improvement, of which \$305,535.39 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 \$16,080.81 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

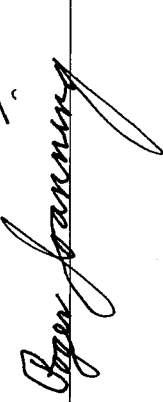
**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 4/26/07 TO 05/20/07  
**FINAL PAYMENT (PAYMENT NO. 6)**

**PROJECT: 2007 Sanitary/Storm Manhole and Intake Repair**  
**CONTRACTOR: The Underground Company Ltd.**

FINAL PAYMENT (PAYMENT NO. 6)

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
1	Remove and Replace Intake Type "M-A"	EACH	45.0	39.0	39.0	\$2,950.00	\$115,050.00	
2	Remove and Replace Intake Type "M-D"	EACH	1.0	1.0	1.0	\$4,125.00	\$4,125.00	
3	Remove and Replace Intake Type "M-I"	EACH	7.0	0.0	0.0	\$4,925.00	\$0.00	
4	Remove and Replace Intake Type "M-D" Top Only	EACH	1.0	0.0	0.0	\$1,500.00	\$0.00	
5	Remove and Replace Intake Type "M-I" Top Only	EACH	4.0	7.0	7.0	\$2,000.00	\$14,000.00	
6	Type "R" Frame and Grate	EACH	18.0	19.0	19.0	\$1,000.00	\$19,000.00	
7	Adjust Storm Manhole Casting to Grade	EACH	1.0	0.0	0.0	\$2,000.00	\$0.00	
8	Remove and Replace Sanitary Manhole Type "M-I"	EACH	4.0	3.0	3.0	\$10,000.00	\$30,000.00	
9	Manhole Repair	EACH	1.0	1.0	1.0	\$1,000.00	\$1,000.00	
10	Type "B" Frame and Casting and Chimney Seal	EACH	40.0	37.0	37.0	\$1,125.00	\$41,625.00	
11	Manhole Rehab - Strong Seal or Equal	EACH	49.0	48.0	48.0	\$765.00	\$36,720.00	
12	Sidewalk, PCC, 4"	SY	10.0	20.3	20.3	\$54.00	\$1,096.20	
13	Handicapped Ramps, W/Truncated Domes	SY	5.0	0.0	0.0	\$125.00	\$0.00	
14	Traffic Control	LS	1.0	1.0	1.00	\$12,000.00	\$12,000.00	
1.01	Remove and Replace Intake Type "M-A" Top Only	EACH	0.0	1.0	1.00	\$1,000.00	\$1,000.00	
1.02	Remove and Replace Intake Type "M-F"	EACH	0.0	1.0	1.00	\$4,000.00	\$4,000.00	
1.03	Intake Type "M-I" Boxout Section	EACH	0.0	4.0	4.00	\$1,500.00	\$6,000.00	
1.04	Siphon Manhole	EACH	0.0	2.0	2.00	\$2,000.00	\$4,000.00	
1.05	Addition Depth for San MH at 111 10th Street	LS	0.0	1.0	1.00	\$17,000.00	\$17,000.00	
1.06	Addition Depth for San MH at 10th and Mulberry	LS	0.0	1.0	1.00	\$15,000.00	\$15,000.00	
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$321,616.20					
PARTIAL PAYMENT NO. 1			\$23,987.50					
PARTIAL PAYMENT NO. 2			\$135,683.75					
PARTIAL PAYMENT NO. 3			\$34,166.75					
PARTIAL PAYMENT NO. 4			\$59,869.00					
PARTIAL PAYMENT NO. 5			\$51,828.39					
THIS PARTIAL PAYMENT			\$0.00					
TOTAL PARTIAL PAYMENTS			\$305,535.39					
TOTAL							\$321,616.20	
RETAINAGE							\$16,080.81	
TOTAL LESS RETAINAGE							\$305,535.39	
LESS PREVIOUS PAYMENT							\$305,535.39	
AMOUNT DUE							\$0.00	
FINAL PAYMENT (PAYMENT NO. 6)								

PREPARED BY: 

CHECKED BY: 

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