

DATE January 8, 2007

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR ARLINGTON EAST STORM SEWER IMPROVEMENTS, 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 Arlington East Storm Sewer Improvements, 08-2005-008, in accordance with the contract approved between The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047, under Roll Call No. 06-1045, of May 22, 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 \$531,451.90 is the total cost, of which \$475,331.45 has been paid the Contractor, and \$29,547.85 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$26,572.60 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.

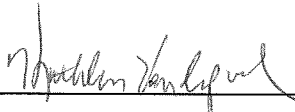
BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such 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: 2006-2007 CIP, Page Storm-4, Arlington East - Storm Water Improvements, STE071, Storm Water Utility Funds

★ **Roll Call Number**

.....

**Date** January 8, 2007

**Agenda Item Number**

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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
VLASSIS				
TOTAL				
MOTION CARRIED		APPROVED		

\_\_\_\_\_  
Mayor

**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.

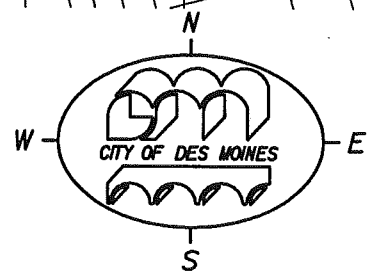
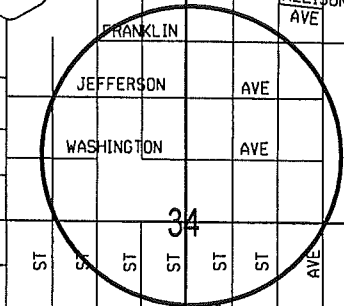
\_\_\_\_\_  
City Clerk

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BROADLAWNS HOSPITAL

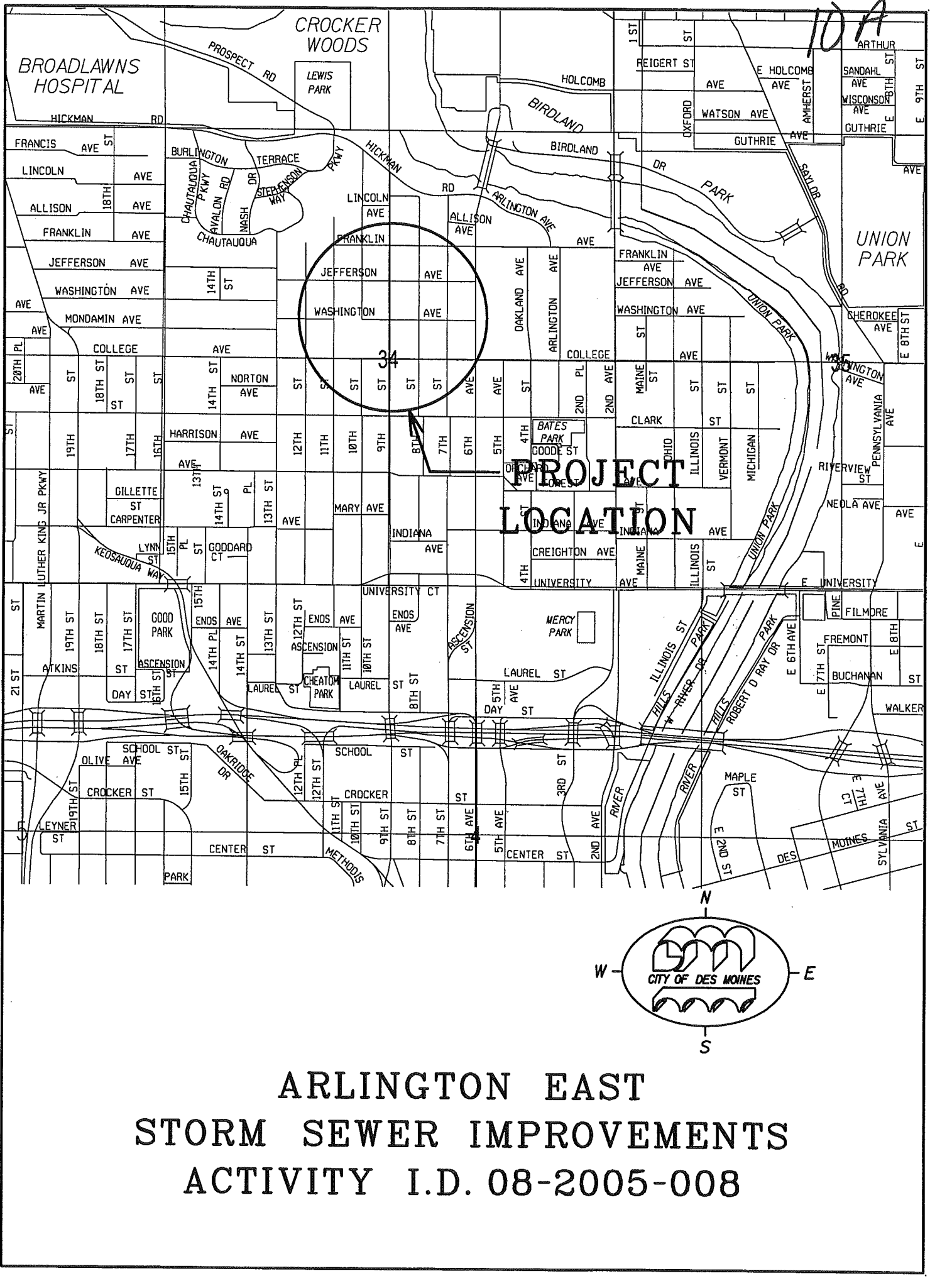
CROCKER WOODS

PROJECT LOCATION



# ARLINGTON EAST STORM SEWER IMPROVEMENTS ACTIVITY I.D. 08-2005-008

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# PROJECT SUMMARY

## Arlington East Storm Sewer Improvements

### Activity ID 08-2005-008

On May 22, 2006, under Roll Call 06-1045, the City Council awarded the contract for the above improvement to The underground Company, Ltd., in the amount of \$533,020.00, for the construction of storm sewers from 7th Street to 11th St. between College Ave. and Jefferson Ave.

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	12/12/2006 Adjust final quantities to asbuilt measurements. Miscel revisions.	Engineering	(\$1,568.10)
<b>Original Contract Amount</b>			\$533,020.00
<b>Total Change Orders</b>			(\$1,568.10)
<b>Percent of Change Orders to Original Contract</b>			-0.29%
<b>Final Contract Amount</b>			\$531,451.90

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January 8, 2007

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Arlington East Storm Sewer Improvements, 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: \$531,451.90 As-Built Contract Cost

Funding Source: 2006-2007 CIP, Page Storm-4, Arlington East - Storm Water Improvements, STE071, Storm Water Utility Funds

**CERTIFICATION OF COMPLETION:**

On May 22, 2006, under Roll Call No. 06-1045, 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:

Arlington East Storm Sewer Improvements, 08-2005-008

The improvement includes construction of 15" - 24" diameter RCP storm sewers, manholes, intakes, pavement removal and replacement, traffic control, driveways, sodding, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 462-045/060, in 7th Street, Washington Avenue, 9th Street, and Jefferson Avenue in Des Moines, Iowa.

I hereby certify that the construction of said Arlington East Storm Sewer Improvements, Activity ID 08-2005-008, 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 23, 2006, and was completed on December 18, 2006.



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

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I further certify that \$531,451.90 is the total cost of said improvement, of which \$475,331.45 has been paid the Contractor and \$29,547.85 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$26,572.60 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 11/04/06 TO 12/01/06  
**PARTIAL PAYMENT NO. 6 (Final)**

**PROJECT: Arlington East Storm Sewer Improvements**  
**CONTRACTOR: The Underground Company, Ltd.**

PARTIAL PAYMENT NO. 6 (Final)

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0010	Pavement Removal	SY	1,200.000	1,235.000	1,235.000	\$8.00	\$9,880.00
0020	Driveway Removal	SY	250.000	195.000	195.000	\$8.00	\$1,560.00
0030	Sidewalk Removal	SY	1,050.000	1,088.000	1,088.000	\$8.00	\$8,704.00
0040	Structure Removal	EA	21.000	21.000	21.000	\$450.00	\$9,450.00
0050	Miscel Concrete Removal	SY	100.000	33.000	33.000	\$10.00	\$330.00
0060	8" PCC Base w/Integral Curb	SY	1,200.000	1,230.000	1,230.000	\$40.00	\$49,200.00
0070	HMA (1M ESAL) Surface, 1/2", Friction L-4	TON	150.000	123.270	123.270	\$80.00	\$9,861.60
0080	Driveway Surfacing, HMA Millings	TON	100.000	69.090	69.090	\$20.00	\$1,381.80
0090	Driveway, PCC, 7"	SY	250.000	164.000	164.000	\$29.00	\$4,756.00
0100	Sidewalk, PCC, 4"	SY	1,050.000	805.000	805.000	\$25.00	\$20,125.00
0110	Handicapped Ramps, W/Truncated Domes	SY	75.000	111.000	111.000	\$65.00	\$7,215.00
0120	Curb and Gutter, Remove and Replace	LF	100.000	0.000		\$25.00	\$0.00
0130	Storm Sewer, 15" RCP	LF	1,120.000	1,166.000	1,166.000	\$52.00	\$60,632.00
0140	Storm Sewer, 18" RCP	LF	998.000	988.000	988.000	\$69.00	\$68,172.00
0150	Storm Sewer, 24" RCP	LF	1,099.000	1,102.500	1,102.500	\$78.00	\$85,995.00
0160	Manhole, Storm, Type M-A	EA	8.000	9.000	9.000	\$2,423.00	\$21,807.00
0170	Manhole, Storm, Type M-B	EA	1.000	1.000	1.000	\$2,031.00	\$2,031.00
0180	Intake, Type M-A	EA	22.000	23.000	23.000	\$2,000.00	\$46,000.00
0190	Intake, Type M-B	EA	5.000	5.000	5.000	\$2,630.00	\$13,150.00
0200	Intake, Type M-C	EA	2.000	2.000	2.000	\$3,008.00	\$6,016.00
0210	Intake, Type M-H	EA	4.000	3.000	3.000	\$2,405.00	\$7,215.00
0220	Sewer, Removal	LF	200.000	163.000	163.000	\$15.00	\$2,445.00
0230	Standard Sewer Plug, 18" and smaller	EA	20.000	23.000	23.000	\$65.00	\$1,495.00
0240	Sanitary Sewer Service, Lower	EA	5.000	3.000	3.000	\$3,504.00	\$10,512.00
0250	Prepare and Restore Site for Watermain Lowering	EA	8.000	3.000	3.000	\$2,000.00	\$6,000.00
0260	Water Service, Stop Box Relocation	EA	2.000	0.000		\$500.00	\$0.00
0270	Water Service Lowering	EA	6.000	2.000	2.000	\$1,200.00	\$2,400.00
0280	Clearing, Tree	IN	110.000	111.000	111.000	\$40.00	\$4,440.00
0290	Sodding	SQ	300.000	340.270	340.270	\$50.00	\$17,013.50
0300	Traffic Control	LS	1.000	1.000	1.000	\$6,750.00	\$6,750.00
0310	Project Sign, Small	EA	1.000	1.000	1.000	\$100.00	\$100.00
0320	Inlet Filter, Type 1	EA	20.000	3.000	3.000	\$100.00	\$300.00

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PROJECT: Arlington East Storm Sewer Improvements  
 CONTRACTOR: The Underground Company, Ltd.

PARTIAL PAYMENT NO. 6 (Final)

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT	
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0330	Silt Fence	LF	1,000.000	48.000	48.000	\$3.00	\$144.00
0340	Remove & Relocate Chain Link Fence	LF	200.000	439.000	439.000	\$12.00	\$5,268.00
0350	Playground Restoration	LS	1.000	0.000		\$1,000.00	\$0.00
0360	YMCA Plantings	LS	1.000	0.000		\$2,000.00	\$0.00
0370	Mobilization	LS	1.000	1.000	1.000	\$10,000.00	\$10,000.00
1.01	New 1" Water Service	EA		4.000	4.000	\$4,500.00	\$18,000.00
1.02	Remove and Replace Driveway Bricks	LS		1.000	1.000	\$1,500.00	\$1,500.00
1.03	Construct PCC Stairway w/Handrails	LS		1.000	1.000	\$7,093.00	\$7,093.00
1.04	Open Sanitary Sewer Service at 1724 9th Street	LS		1.000	1.000	\$80.00	\$80.00
1.05	Repair sewer service and tile in Washington Ave	LS		1.000	1.000	\$495.00	\$495.00
1.06	Construct pipe supports at 11th and Washington	EA		2.000	2.000	\$592.50	\$1,185.00
1.07	Plant Red Oak trees in 9th Street	EA		5.000	5.000	\$550.00	\$2,750.00
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$531,451.90				
	PARTIAL PAYMENT No. 1		\$270,747.37				
	PARTIAL PAYMENT No. 2		\$137,742.92				
	PARTIAL PAYMENT No. 3		\$48,398.34				
	PARTIAL PAYMENT No. 4		\$16,162.82				
	PARTIAL PAYMENT No. 5		\$2,280.00				
	THIS PARTIAL PAYMENT		\$29,547.85				
	TOTAL PARTIAL PAYMENTS		\$504,879.30				
	BALANCE		\$26,572.60				
	Percent Complete	100%					

TOTAL	\$531,451.90
RETAINAGE	\$26,572.60
TOTAL LESS RETAINAGE	\$504,879.30
LESS PREVIOUS PAYMENT	\$475,331.45
AMOUNT DUE	\$29,547.85

PREPARED BY: *[Signature]*

CHECKED BY: *[Signature]*

The Underground Company: *[Signature]*

PARTIAL PAYMENT NO. 6 (Final)

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