

11A

DATE July 9, 2012

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR WOODLAND AVENUE STORM SEWER - 12TH STREET TO 15TH STREET, THE UNDERGROUND
COMPANY, LTD.**

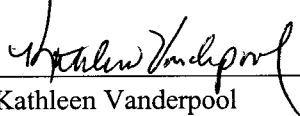
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Woodland Avenue Storm Sewer - 12th Street to 15th Street, 08-2011-003, in accordance with the contract approved between The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047, under Roll Call No. 11-0552, of March 28, 2011, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

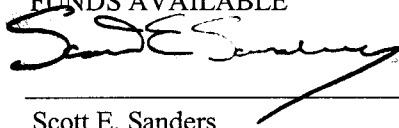
BE IT FURTHER RESOLVED: That \$650,907.79 is the total cost, of which \$572,602.23 has been paid the Contractor, and \$45,760.17 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$32,545.39 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.


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:


Kathleen Vanderpool
Deputy City Attorney

FLINDS AVAILABLE

Scott E. Sanders
Des Moines Finance Director

 Funding Source: 2012-13 CIP, Page Sanitary -17, Twelfth Street Sewer Separation Project, SAE128, Being: \$649,907.79 Sanitary Sewer Funds from SAE128; \$1,000 - Des Moines Water Works for bid items 27 and 28

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				

MOTION CARRIED APPROVED

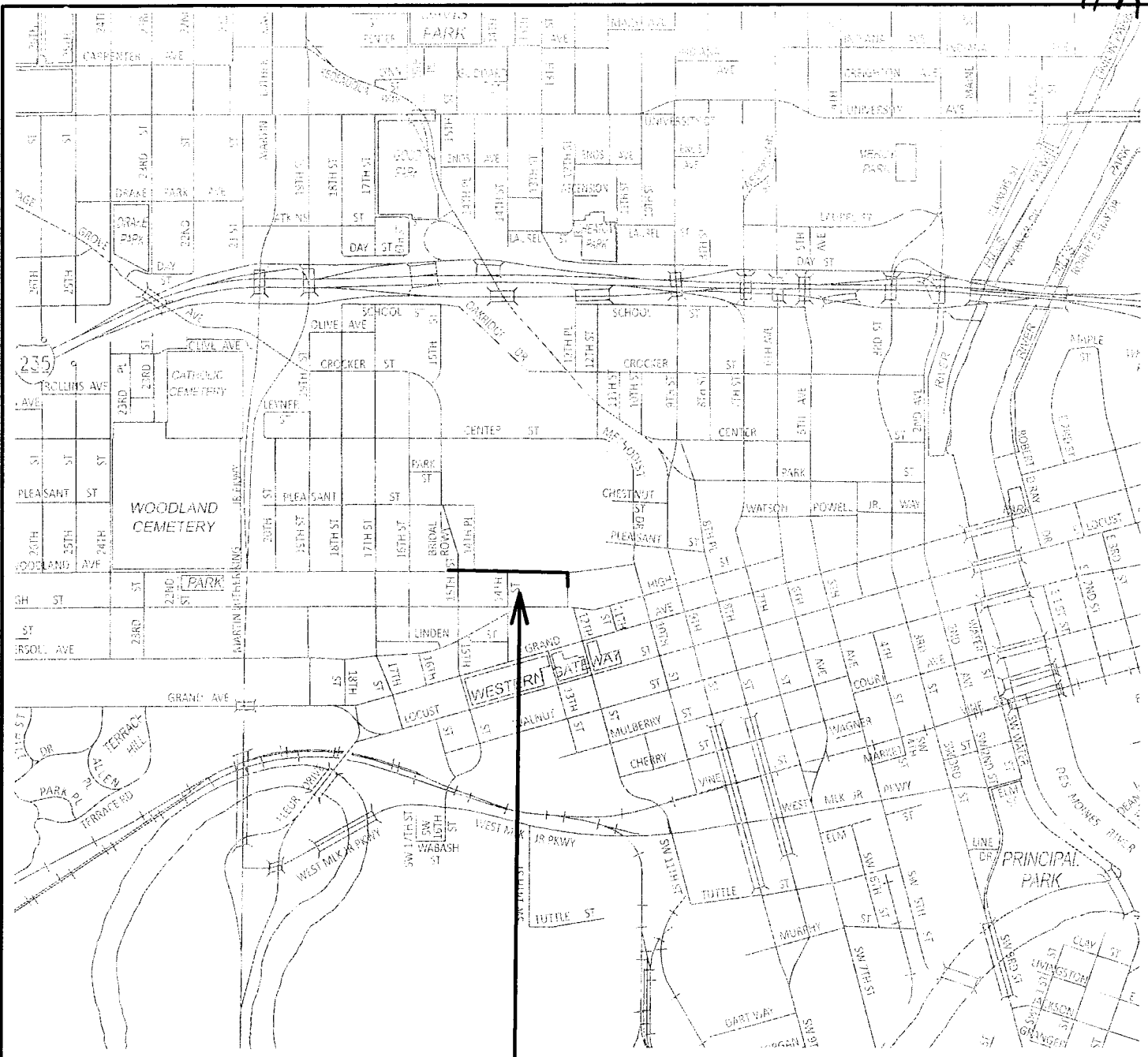
Mayor

CERTIFICATE

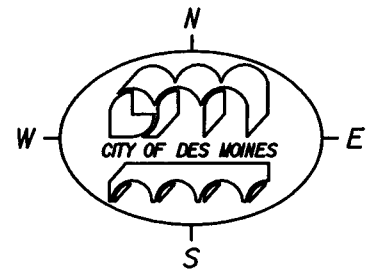
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

City Clerk



**PROJECT
LOCATION**



**WOODLAND AVENUE STORM SEWER -
12TH STREET TO 15TH STREET
ACTIVITY I.D. 08-2011-003**

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PROJECT SUMMARY

Woodland Avenue Storm Sewer - 12th Street to 15th Street

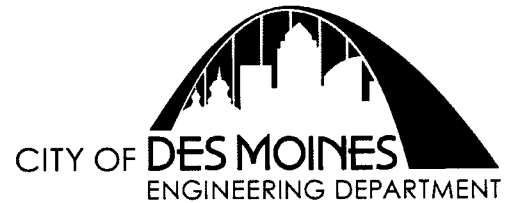
Activity ID 08-2011-003

On March 28, 2011, under Roll Call No. 11-0552, the Council awarded the contract for the above improvements to The Underground Company, Ltd., in the amount of \$530,743.25. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	2/24/2012 Major Manhole Adjustment, Relocate Domestic Water Service, Repair Irrigation.	\$24,582.34
2	Engineering	3/13/2012 Place additional hot mix asphalt; provide and install additional manhole chimney seals.	\$24,849.45
3	City	5/30/2012 Saturday work to accomodate Iowa Health operations, and additional manhole adjustments & sawing.	\$22,884.30
4	City	6/12/2012 MD Intake, sinkhole repair.	\$22,600.00
5	Engineering	6/20/2012 Additional Type M-C Manhole	\$10,000.00
6	Engineering	Adjust Contract to as-built quantities.	\$15,248.45
Original Contract Amount			\$530,743.25
Total Change Orders			\$120,164.54
Percent of Change Orders to Original Contract			22.64%
Total Contract Amount			\$650,907.79

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July 9, 2012



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Woodland Avenue Storm Sewer - 12th Street to 15th Street, The Underground Company, Ltd.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$650,907.79 As-Built Contract Cost

Funding Source: 2012-13 CIP, Page Sanitary -17, Twelfth Street Sewer Separation Project, SAE128, Being: \$649,907.79 Sanitary Sewer Funds from SAE128; \$1,000 - Des Moines Water Works for bid items 27 and 28

CERTIFICATION OF COMPLETION:

On March 28, 2011, under Roll Call No. 11-0552, 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:

Woodland Avenue Storm Sewer - 12th Street to 15th Street, 08-2011-003

The improvement includes storm sewer and related structures, pavement removal and patches, HMA overlay, water main relocation, pavement markings, traffic control, erosion control, and miscellaneous associated work including clean up and other incidental items; in accordance with the contract documents including Plan File Nos. 527-131/148 at Woodland Avenue from 12th Street to 15th Street, Des Moines, Iowa

I hereby certify that the construction of said Woodland Avenue Storm Sewer - 12th Street to 15th Street, Activity ID 08-2011-003, 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 April 11, 2011, and was completed on June 29, 2012.

I further certify that \$650,907.79 is the total cost of said improvement, of which \$572,602.23 has been paid the Contractor and \$45,760.17 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$32,545.39 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. 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 5/31/12 to 6/25/12
FINAL PAYMENT NO. 8


Proj No: None
Activity ID: 08-2011-003
Date: 6/25/12

PROJECT: WOODLAND AVENUE STORM SEWER - 12TH STREET TO 15TH STREET
CONTRACTOR: UNDERGROUND COMPANY LTD.

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Project Sign-Large-Standard	LS	1.00	1.00	1.00	\$1,100.00
2	Mobilization	LS	1.00	1.00	1.00	\$20,600.00
3	Traffic Control	LS	1.00	1.00	1.00	\$8,800.00
4	Changeable Message Sign	DAY	20.00	14.00	14.00	\$910.00
5	Flaggers	DAY	10.00	7.50	7.50	\$3,000.00
6	Pavement Scarification	SY	6115.00	6115.00	6,115.00	\$13,758.75
7	Pavement Removal/Disposition	SY	2430.00	3031.13	3,031.13	\$30,311.30
8	Sidewalk Removal/Disposition	SY	510.00	443.78	443.78	\$4,437.80
9	Full Depth Patching, Class C, 10-inch	SY	2430.00	3031.13	3,031.13	\$136,400.85
10	HMA (3M ESAL) Surface, 1/2", PG 58-28	TON	680.00	931.17	931.17	\$79,149.45
11	Sidewalk, PCC, 6"	SY	510.00	443.78	443.78	\$17,751.20
12	Detectable Warning Panels	SF	150.00	200.00	200.00	\$3,200.00
13	Storm Sewer, 2000D, 15" RCP	LF	247.00	260.50	260.50	\$16,411.50
14	Storm Sewer, 2000D, 18" RCP	LF	66.00	66.00	66.00	\$4,290.00
15	Storm Sewer, 2000D, 30" RCP	LF	460.00	499.00	499.00	\$42,914.00
16	Storm Sewer, 2000D, 36" RCP	LF	520.00	520.00	520.00	\$52,000.00
17	Storm Sewer, 2000D, 42" RCP	LF	80.00	80.00	80.00	\$13,280.00
18	Storm Sewer, 2000D, 32"x52" RCAP	LF	126.00	126.00	126.00	\$19,530.00
19	Intake, Type M-F	EA	9.00	7.00	7.00	\$17,500.00
20	Manhole, Type M-B	EA	9.00	8.00	8.00	\$36,000.00
21	Manhole, Type M-C	EA	3.00	4.00	4.00	\$40,000.00
22	Intake/Manhole Removal	EA	12.00	10.00	10.00	\$1,000.00
23	Pipe Removal, Less than or equal to 24"	LF	100.00	121.00	121.00	\$1,210.00
24	Flowable Mortar	CY	25.00	15.00	15.00	\$1,500.00
25	Plug Existing Pipe	EA	20.00	9.00	9.00	\$450.00
26	Pavement Markings, Waterborne	STA	24.30	22.00	22.00	\$990.00
27	Water Main Relocation #1	LS	1.00	0.00	0.00	\$0.00
28	Water Main Relocation #2	LS	1.00	1.00	1.00	\$1,000.00
29	Abandon Water Service	EA	6.00	8.00	8.00	\$400.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
30	Sanitary Sewer Relocation, 6"	EA	1.00	0.00	0.00	\$4,000.00
31	Salvage and Replace Brick Pavers	SF	180.00	215.00	215.00	\$5,375.00
32	Tree Protection	LS	1.00	1.00	1.00	\$1,400.00
33	Tree Protection Fence	LF	800.00	467.00	467.00	\$887.30
34	Tree Trimming	LS	1.00	0.00	0.00	\$0.00
35	Sod	SQ	20.00	0.00	0.00	\$0.00
36	Filter Sock	LF	500.00	150.00	150.00	\$285.00
37	Silt Fence	LF	500.00	0.00	0.00	\$0.00
1.01	Major Manhole Adjustment	EA	0.00	7.00	7.00	\$2,600.00
1.02	Relocate 4" Domestic Water Service	LS	0.00	1.00	1.00	\$5,500.00
1.03	Irrigation Repair	LS	0.00	1.00	1.00	\$9,281.34
2.01	Chimney Seals	EA	0.00	7.00	7.00	\$3,500.00
3.01	Saturday HMA Work	LS	0.00	1.00	1.00	\$8,194.30
3.02	Additional Sawing	LS	0.00	1.00	1.00	\$4,290.00
4.01	MD Intake	EA	0.00	2.00	2.00	\$7,000.00
4.02	Sink Hole Repair	LS	0.00	1.00	1.00	\$19,100.00
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$650,907.79			
	PARTIAL PAYMENT NO. 1		\$100,415.00			
	PARTIAL PAYMENT NO. 2		\$102,829.52			
	PARTIAL PAYMENT NO. 3		\$150,310.19			
	PARTIAL PAYMENT NO. 4		\$108,710.92			
	PARTIAL PAYMENT NO. 5		\$10,630.54			
	PARTIAL PAYMENT NO. 6		\$54,102.50			
	PARTIAL PAYMENT NO. 7		\$45,603.56			
	THIS FINAL PAYMENT NO. 8		\$45,760.17			
	TOTAL PARTIAL PAYMENTS		\$618,362.40			
	BALANCE		\$32,545.39			
	TOTAL					\$650,907.79
	RETAINAGE					\$32,545.39
	TOTAL LESS RETAINAGE					\$618,362.40
	LESS PREVIOUS PAYMENT					\$572,602.23
	AMOUNT DUE					\$45,760.17

PREPARED BY: 

CHECKED BY: 

FINAL PAYMENT NO. 8

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