



Roll Call Number

Agenda Item Number

8C

DATE September 27, 2010

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR MCKINLEY AVENUE DRAINAGE IMPROVEMENTS - S.W. 26TH/S.W. 31ST STREETS, 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 McKinley Avenue Drainage Improvements - S.W. 26th/S.W. 31st Streets, 08-2009-006, in accordance with the contract approved between The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047, under Roll Call No. 09-1394, of July 27, 2009, 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 \$249,812.75 is the total cost, of which \$237,322.11 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 \$12,490.64 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 City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

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

FUNDS AVAILABLE

Allen McKinley
Des Moines Finance Director

Funding Source: 2010-2011 CIP, Page Storm-14, McKinley Avenue Drainage Improvements, STE083, Storm Water Utility Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GREISS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				
MOTION CARRIED	APPROVED			

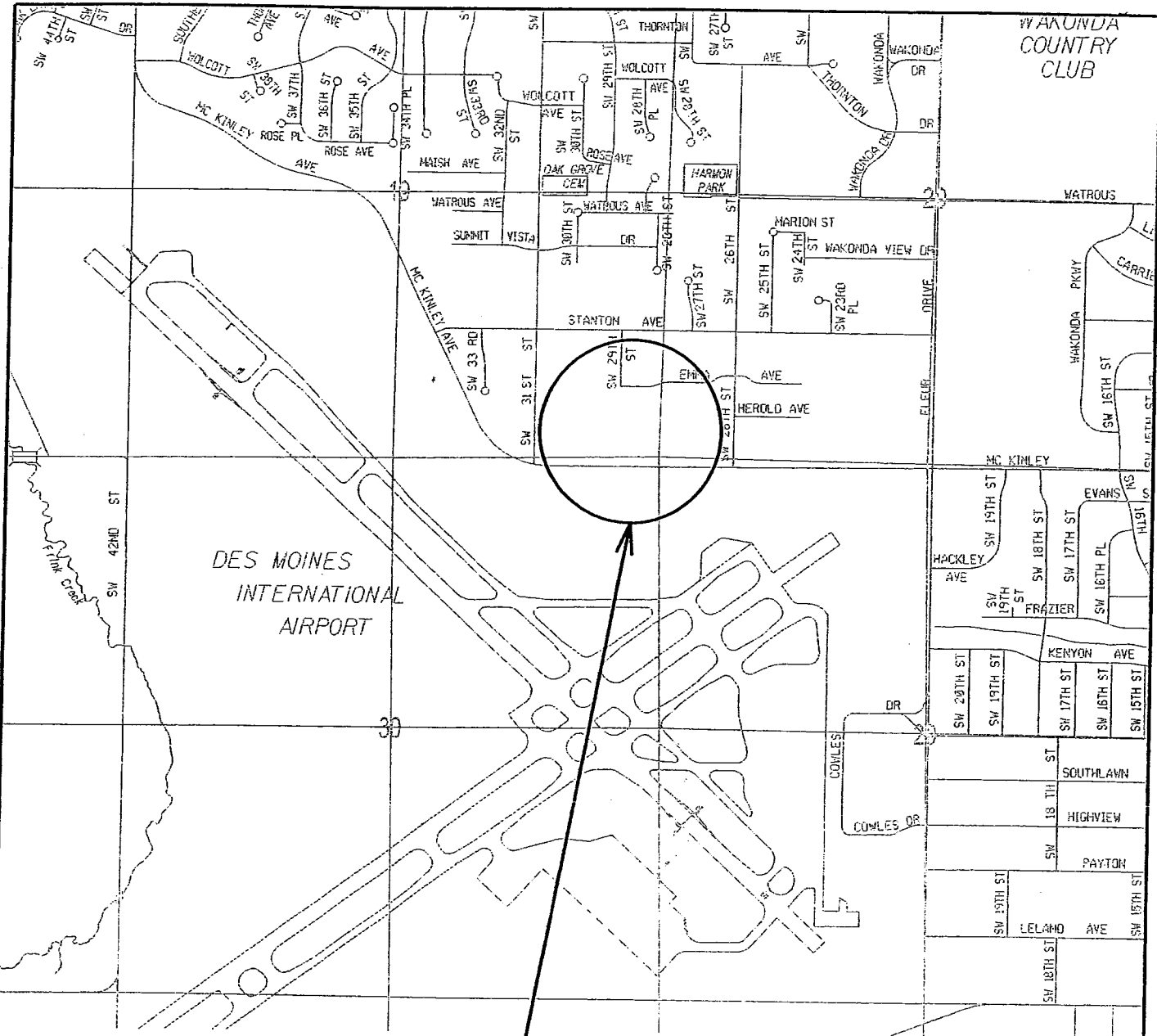
CERTIFICATE

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.

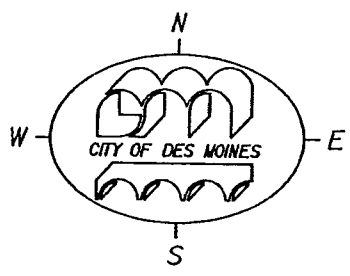
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

City Clerk



**PROJECT
LOCATION**



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**MCKINLEY AVE DRAINAGE IMPROVEMENTS
ACTIVITY I.D. 08-2009-006**

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PROJECT SUMMARY

McKinley Avenue Drainage Improvements

Activity ID 08-2009-006

The improvement includes approximately 6800 CY of excavation, 267.5 LF of 18" storm sewer, 181.4 LF of 18" storm sewer augered-in-place, associated stormwater manholes and intakes, PCC driveway removal and replacement, driveway culverts and sod.

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	9/16/2009 High water table was encountered during excavation of the detention basin. Subdrain added to the basin to ensure a dry basin during period of no precipitation.	Engineering	\$22,520.00
2	Adjust the contract quantities to the as-built quantities.	Engineering	(\$4,057.25)
Original Contract Amount			\$231,350.00
Total Change Orders			\$18,462.75
Percent of Change Orders to Original Contract			7.98%
Final Contract Amount			\$249,812.75 ✓

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September 27, 2010



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the McKinley Avenue Drainage Improvements - S.W. 26th/S.W. 31st Streets, 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: \$249,812.75 As-Built Contract Cost

Funding Source: 2010-2011 CIP, Page Storm-14, McKinley Avenue Drainage Improvements, STE083, Storm Water Utility Funds

CERTIFICATION OF COMPLETION:

On July 27, 2009, under Roll Call No. 09-1394, 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:

McKinley Avenue Drainage Improvements - S.W. 26th/S.W. 31st Streets, 08-2009-006

The improvement includes approximately 6800 CY of excavation, 267.5 LF of 18" storm sewer, 181.4 LF of 18" storm sewer augered-in-place, associated storm sewer manholes and intakes, PCC driveway removal and replacement, driveway culverts, sod, and miscellaneous associated work including clean up; all in accordance with the contract documents, including Plan File Nos. 483-119/123, located along the north side of the 2700 block of McKinley Avenue, Des Moines, Iowa

I hereby certify that the construction of said McKinley Avenue Drainage Improvements - S.W. 26th/S.W. 31st Streets, Activity ID 08-2009-006, 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 August 24, 2009, and was completed on September 20, 2010.

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I further certify that \$249,812.75 is the total cost of said improvement, of which \$237,322.11 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 \$12,490.64 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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 6/12/09 to 8/26/10
FINAL PAYMENT (PARTIAL NO. 6)

PROJECT: MCKINLEY AVENUE DRAINAGE IMPROVEMENTS
CONTRACTOR: THE UNDERGROUND COMPANY, LTD.

Activity ID: 08-2009-006
Date: 8/26/2010

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	CLEARING & GRUBBING	ACRE	1.100	1.100	1.100	\$110.00
2	TREE REMOVAL	AM-IN	450.000	164.000	164.000	\$1,886.00
3	TOPSOIL, STRIP, SALVAGE, & SPREAD	CY	1,650.000	1,650.000	1,650.000	\$13,002.00
4	EXCAVATION	CY	6,800.000	6,800.000	6,800.000	\$54,400.00
5	DRIVEWAY REMOVAL	SY	300.000	296.300	296.300	\$2,963.00
6	STORM SEWER PIPE, 18"	LF	267.500	245.500	245.500	\$11,906.75
7	APRON CONCRETE, 18"	EACH	3.000	3.000	3.000	\$733.00
8	APRON GUARD, 18"	EACH	3.000	3.000	3.000	\$2,199.00
9	STORM SEWER AUGERED-IN-PLACE, 18"	LF	181.400	175.850	175.850	\$1,017.00
10	CULVERT, 24" RCP	LF	80.000	88.000	88.000	\$51,172.35
11	CULVERT, 30" RCP	LF	44.000	48.000	48.000	\$6,600.00
12	APRON CONCRETE, 24"	EACH	4.000	4.000	4.000	\$4,944.00
13	APRON CONCRETE, 30"	EACH	2.000	2.000	2.000	\$2,176.00
14	APRON GUARD, 24"	EACH	4.000	4.000	4.000	\$1,284.00
15	APRON GUARD, 30"	EACH	2.000	2.000	2.000	\$1,788.00
16	INTAKE, TYPE M-G, 8'x8'	EACH	1.000	1.000	1.000	\$1,086.00
17	INTAKE, TYPE M-G, 6'x6'	EACH	2.000	2.000	2.000	\$4,838.00
18	MANHOLE, TYPE M-A, 48"	EACH	1.000	1.000	1.000	\$3,572.00
19	CONNECTION TO EXISTING SYSTEM	EACH	1.000	1.000	1.000	\$7,144.00
20	PCC DRIVEWAY, 8", M-4	SY	425.000	409.140	409.140	\$3,093.00
21	SOD	SQ	500.000	588.690	588.690	\$2,850.00
22	MOBILIZATION	LS	1.000	1.000	1.000	\$46.00
23	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$20,015.46
24	STANDARD SEWER PLUG	EACH	1.000	1.000	1.000	\$4,774.85
25	UTILITY SUPPORTS	EACH	1.000	1.000	1.000	\$3,800.00
26	HYDRAULIC EXCAVATION OF FAA CABLE	LF	35.000	27.000	27.000	\$510.00
27	EROSION CONTROL	LS	1.000	1.000	1.000	\$750.00
1.01	SUBDRAIN, 4" DIA., TYPE 1, A-2000	LF	0.000	1,059.700	1,059.700	\$74.00
1.02	SUBDRAIN CLEANOUT, TYPE A-1	EACH	0.000	9.000	9.000	\$2,920.00
						\$18,014.90
						\$4,500.00

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LINE NO.	DESCRIPTION	UNIT	UNITS		UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED		
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$249,812.75			
	PARTIAL PAYMENT NO. 1		\$40,841.00			
	PARTIAL PAYMENT NO. 2		\$100,481.10			
	PARTIAL PAYMENT NO. 3		\$68,668.46			
	PARTIAL PAYMENT NO. 4		\$3,169.20			
	PARTIAL PAYMENT NO. 5		\$24,162.35			
	THIS PARTIAL PAYMENT		\$0.00			
	TOTAL PARTIAL PAYMENTS		\$237,322.11			
	BALANCE		\$12,490.64			
	TOTAL					\$249,812.75
	RETAINAGE					\$12,490.64
	TOTAL LESS RETAINAGE					\$237,322.11
	LESS PREVIOUS PAYMENT					\$237,322.11
	AMOUNT DUE					\$0.00

PREPARED BY: *S.M. Bell*

CHECKED BY: *Matthew Beck*

FINAL PAYMENT (PARTIAL NO. 6)