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DATE January 9, 2012

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR PUMP STATION EMERGENCY POWER GENERATION - PHASE 2, C. L. CARROLL CO., INC.**

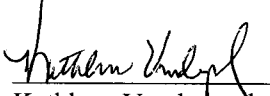
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Pump Station Emergency Power Generation - Phase 2, 08-2010-004, in accordance with the contract approved between C. L. Carroll Co., Inc., Jon P. Rissman, President, 3623 6th Avenue, Des Moines, IA 50313, under Roll Call No. 10-1090, of June 28, 2010, 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 \$1,422,760.26 is the total cost, of which \$1,341,815.97 has been paid the Contractor, and \$9,806.28 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$71,138.01 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.

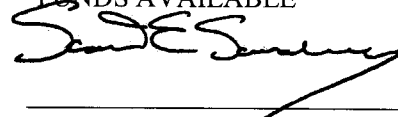
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Scott E. Sanders
Des Moines Finance Director

Funding Source: 2011-2012 CIP, Page Storm-16, Storm Water Pump Station Emergency Power Generation, STE084, Being: HUD Disaster funds from the Iowa Department of Economic Development (Federal Jumpstart Infrastructure Assistance funds)

08-DRI-205

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

MOTION CARRIED APPROVED

Mayor

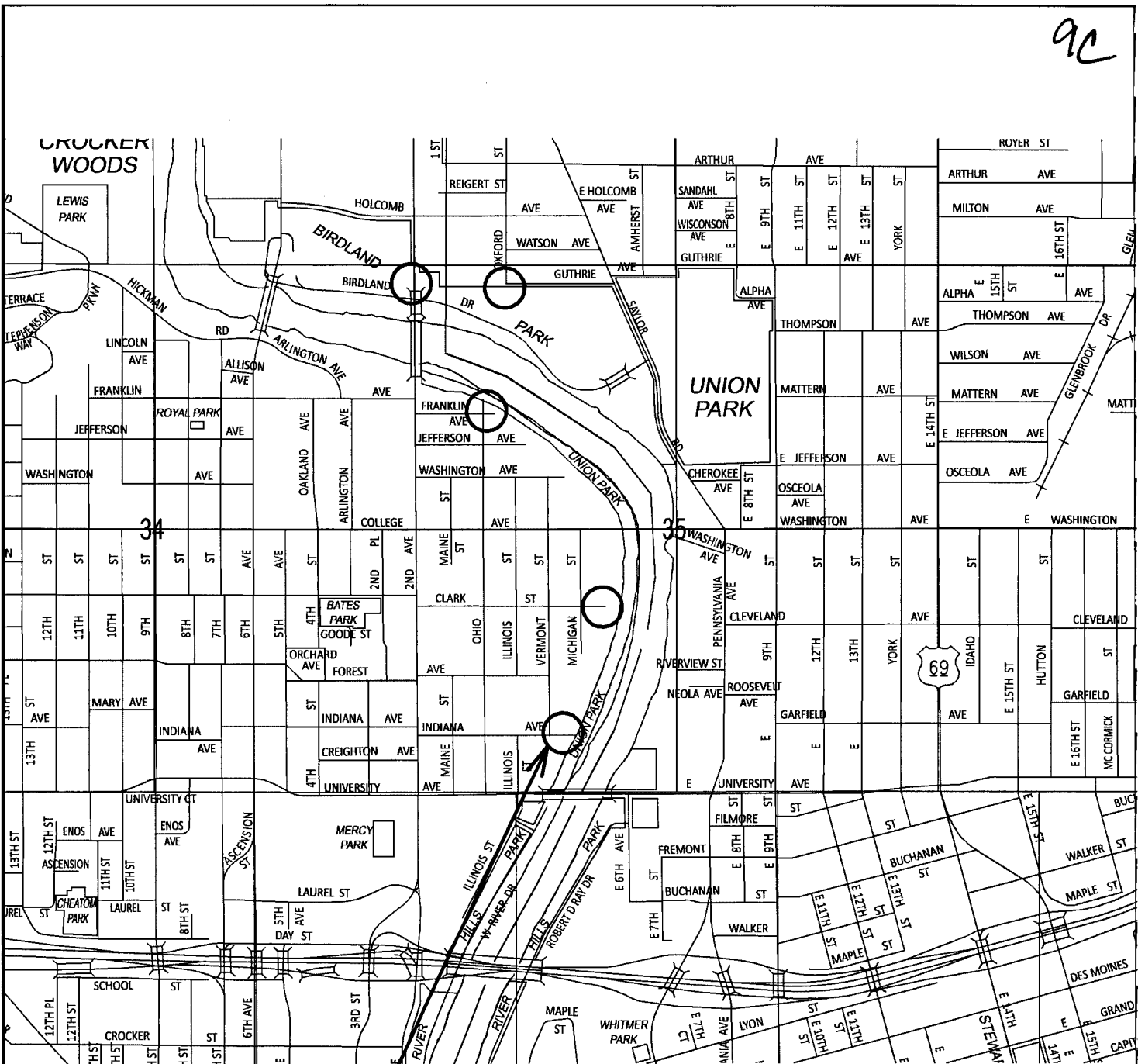
CERTIFICATE

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.

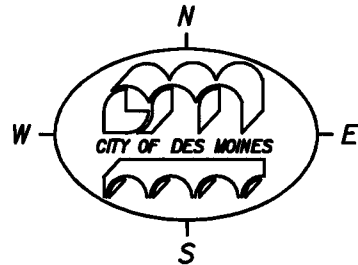
City Clerk

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PROJECT LOCATIONS



PUMP STATION EMERGENCY POWER GENERATION - PHASE 2 ACTIVITY I.D. 08-2010-004

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PROJECT SUMMARY

Pump Station Emergency Power Generation - Phase 2

Activity ID 08-2010-004

On June 28, 2010, under Roll Call No. 10-1090, the Council awarded the contract for the above improvements to C. L. Carroll Co., Inc., in the amount of \$1,380,187.48. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	User	8/25/2010 4 ft generator pad extension at Oxford Pump Station required because of the size of the enclosure needed for the generator.	\$5,729.00
2	User	1/19/2011 Add exercise clocks to the transfer switching in order to automate periodic engine generator maintenance, and resolve conduit conflicts at existing secondary transformer lines to fit with the new junction boxes.	\$5,130.00
3	Regulator	1/31/2011 2nd & Birdland Corps of Engineers directed conduit reboring and plan rerouting changes, temporary standby response wiring adjustment for not providing onsite temporary generators, and Clark pump station manhole adjustment.	\$18,509.00
4	Consultant	2/28/2011 2nd & Birdland-3 Phase generator feed changes	\$5,557.00
5	Regulator	4/15/2011 Steps and handholds to meet safety guidelines	\$14,273.00
6	Regulator	5/24/2011 Fence replacement to get 10 feet of clearance from structures in coordination with adjacent Corps of Engineers project.	\$5,400.00
7	City	This change order adjusts contract quantities to final asbuilt field measured amounts	\$(12,025.22)

Original Contract Amount	\$1,380,187.48
Total Change Orders	\$42,572.78
Percent of Change Orders to Original Contract	3.08%
Total Contract Amount	\$1,422,760.26

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January 9, 2012

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the Pump Station Emergency Power Generation - Phase 2, C. L. Carroll Co., Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,422,760.26 As-Built Contract Cost

Funding Source: 2011-2012 CIP, Page Storm-16, Storm Water Pump Station Emergency Power Generation, STE084, Being:
HUD Disaster funds from the Iowa Department of Economic Development (Federal Jumpstart Infrastructure Assistance funds)

CERTIFICATION OF COMPLETION:

On June 28, 2010, under Roll Call No. 10-1090, the City Council awarded a contract to C. L. Carroll Co., Inc., Jon P. Rissman, President, 3623 6th Avenue, Des Moines, IA 50313 for the construction of the following improvement:

Pump Station Emergency Power Generation - Phase 2, 08-2010-004

The improvement includes installing new generators for various storm water pump stations, removing pavement and existing fence, and constructing new generator pads, fence, and Portland Cement Concrete driveways, surface restoration and other incidental items; in accordance with the contract documents, including Plan File Nos. 516-128/143, at the following storm water pump stations:

- Franklin Avenue Pump Station - Franklin Avenue and Ohio Street
- Clark Street Pump Station - Clark Street and Michigan Street
- Indiana Avenue Pump Station - Indiana Avenue and Vermont Street
- Birdland Pump Station - 2nd Avenue and the Birdland Levee
- Oxford Street Pump Station - Oxford Street and Guthrie Avenue

I hereby certify that the construction of said Pump Station Emergency Power Generation - Phase 2, Activity ID 08-2010-004, 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 18, 2010, and was completed on December 16, 2011.

I further certify that \$1,422,760.26 is the total cost of said improvement, of which \$1,341,815.97 has been paid the Contractor and \$9,806.28 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$71,138.01 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.

A handwritten signature in black ink, appearing to read "JEB BREWER" with a stylized flourish at the end.

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

**ESTIMATE OF WORK COMPLETED
FOR WORK DONE 6/29/11 TO 12/06/11
PARTIAL PAYMENT NO. 10 & Final**

PROJECT: PUMP STATION EMERGENCY POWER GENERATION - PHASE 2

TOTAL

UNIT AUTOR QUANTITY CONSTRUCTED

ITEM	DESCRIPTION	UNIT	AUTOR	QUANTITY	CONSTRUCTED	UNIT PRICE	AMOUNT
1	Traffic Control	LS		1.0	1.00	\$10,300.00	\$10,300.00
2	Mobilization	LS		1.0	1.00	\$34,200.00	\$34,200.00
3	Clearing and Grubbing	SF		24,200.0	24,200.00	\$0.25	\$6,050.00
4	Demolition	LS		1.0	1.00	\$17,500.00	\$17,500.00
5	Excavation, Class 10	CY		126.0	126.00	\$13.00	\$1,638.00
6	Topsoil, Strip, Salvage and Spread	CY		200.0	200.00	\$7.00	\$1,400.00
7	Granular Surfacing	SY		427.48	427.48	\$13.00	\$5,557.24
8	Chain Link Fence, 96" Height	LF		746.0	746.00	\$44.00	\$32,824.00
9	Chain Link Fence Gate, 16' Wide	EA		7.0	7.00	\$540.00	\$3,780.00
10	Franklin 500kW Engine Generator	EA		1.0	1.00	\$138,534.20	\$138,534.20
11	Clark 750kW Engine Generator	EA		1.0	1.00	\$205,252.77	\$205,252.77
12	Indiana 500kW Engine Generator	EA		1.0	1.00	\$138,534.20	\$138,534.20
13	2nd & Birdland 750kW Engine Generator	EA		1.0	1.00	\$215,496.50	\$215,496.50
14	Oxford 150kW Engine Generator	EA		1.0	1.00	\$77,885.81	\$77,885.81
15	Engine Generator (Installation)	EA		5.0	5.00	\$8,400.00	\$42,000.00
16	Engine Generator Pad Type 1	EA		2.0	2.00	\$22,700.00	\$45,400.00
17	Engine Generator Pad Type 2	EA		3.0	3.00	\$7,300.00	\$21,900.00
18	Electrical	LS		1.0	1.00	\$226,000.00	\$226,000.00
19	Seeding - Levee Mix	SQ		40.28	40.28	\$55.00	\$2,215.40
20	Pipe Gate	LS		1.0	1.00	\$8,200.00	\$8,200.00
21	Silt Fence Placement	LF		244.0	244.00	\$2.00	\$488.00
22	Silt Fence Removal	LF		244.0	244.00	\$1.00	\$244.00
23	Construction Survey	LS		1.0	1.00	\$16,300.00	\$16,300.00
24	Driveway, 6" PCC	SY		1,073.62	1,073.62	\$72.00	\$77,300.64
25	Drive Repair	SY		26.61	26.61	\$150.00	\$3,991.50
26	Temporary Engine Generator	Day		0.0		\$550.00	
27	Bollard	EA		7.0	7.00	\$460.00	\$3,220.00
28	Large Project Sign-IDEED	LS		1.0	1.00	\$6,200.00	\$6,200.00
29	Tree Protection Fencing	LF		18.0	18.00	\$3.50	\$63.00
30	Tree Protection	LS		1.0	1.00	\$6,000.00	\$6,000.00
	Change Orders						
1.01	Four Foot Generator pad extension at Oxford	LS		1.0	1.00	\$5,729.00	\$5,729.00
SUBTOTAL							\$1,354,204.26

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ITEM DESCRIPTION UNIT AUTOR QUANTITY CONSTRUCTED TO DATE UNIT PRICE AMOUNT

Change Orders Continued

2.01	Install exercise clocks in generator transfers	EA	5.0	5.00	\$560.00	\$2,800.00
2.02	Lowering conduits at Clark & Indiana	LS	1.0	1.00	\$2,330.00	\$2,330.00
3.01	2nd & Birdland Directional rebore per COE	LS	1.0	1.00	\$16,500.00	\$16,500.00
3.02	2nd & Birdland Electrical rerouting plan change	LS	1.0	1.00	\$16,621.00	\$16,621.00
3.03	Standby Response Work:Oxford, Franklin, Indiana,Clark	LS	1.0	1.00	\$6,200.00	\$6,200.00
3.04	Clark Driveway Manhole Adjustment	LS	1.0	1.00	\$1,188.00	\$1,188.00
4.01	2nd & Birdland 3 phase generator feed changes	LS	1.0	1.00	\$5,557.00	\$5,557.00
5.01	6 sets-galvanized steel serrated grating steps per detail	LS	1.0	1.00	\$9,253.00	\$9,253.00
5.02	Safety Handholds & Interior liner covers per safety officer	LS	0.0	0.00	\$5,020.00	\$0.00
6.01	Remove & Replace Chain Link Fence & Gates	LF	173.0	173.00	\$30.00	\$5,190.00
7.01	Electrical Metering relocation at Franklin & Ohio	Job	1.0	1.00	\$2,917.00	\$2,917.00

SUBTOTAL THIS PAGE \$68,556.00
 SUBTOTAL FROM PREVIOUS PAGE \$1,354,204.26

LESS ANTICIPATED LIQUIDATED DAMAGES

TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$1,422,760.26
Partial Payment No. 1	\$171,117.62
Partial Payment No. 2	\$239,867.59
Partial Payment No. 3	\$472,738.97
Partial Payment No. 4	\$248,802.63
Partial Payment No. 5	\$93,054.97
Partial Payment No. 6	\$75,632.35
Partial Payment No. 7	\$17,043.15
Partial Payment No. 8	\$15,781.40
Partial Payment No. 9	\$7,777.29
This Partial Payment No. 10	\$9,806.28

Total Partial Payments	\$1,351,622.25	TOTAL	\$1,422,760.26
Remaining to be Paid	\$71,138.01	RETAINED	\$71,138.01
Percent Completion	100.00%	TOTAL LESS RETAINAGE	\$1,351,622.25
		LESS PREVIOUS PAYMENT	\$1,341,815.97
		AMOUNT DUE	\$9,806.28

Prepared By: Bruce Rydberg
 Checked By: 