

DATE January 27, 2014

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR 2011 CRITICAL SANITARY SEWER LINING, SAK CONSTRUCTION, LLC**

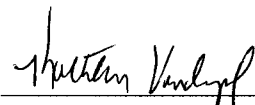
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the 2011 Critical Sanitary Sewer Lining, 07-2011-009, in accordance with the contract approved between SAK Construction, LLC, Boyd Hirtz, Vice President, 864 Hoff Road, O'Fallon, MO 63366, under Roll Call No. 11-1238, of July 11, 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 \$3,717,147.84 is the total cost, of which \$3,452,771.79 has been paid the Contractor, and \$152,861.61 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$111,514.44 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.

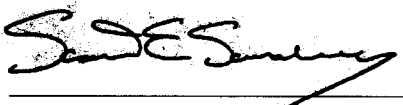
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Scott E. Sanders
Des Moines Finance Director

JFB

Funding Source: 2013-2014, Page Sanitary - 11, Lining Sanitary Trunk and Lateral Sewers, SS049, Being: \$3,000,000 in HUD Disaster funds from the Iowa Economic Development Authority for 100% of construction costs (\$3,000,000 maximum) in Federal Jumpstart Infrastructure Assistance funds, with the remaining \$717,147.84 in Sanitary Sewer Bonds, SS049

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
VOSS				
TOTAL				

MOTION CARRIED APPROVED

Mayor

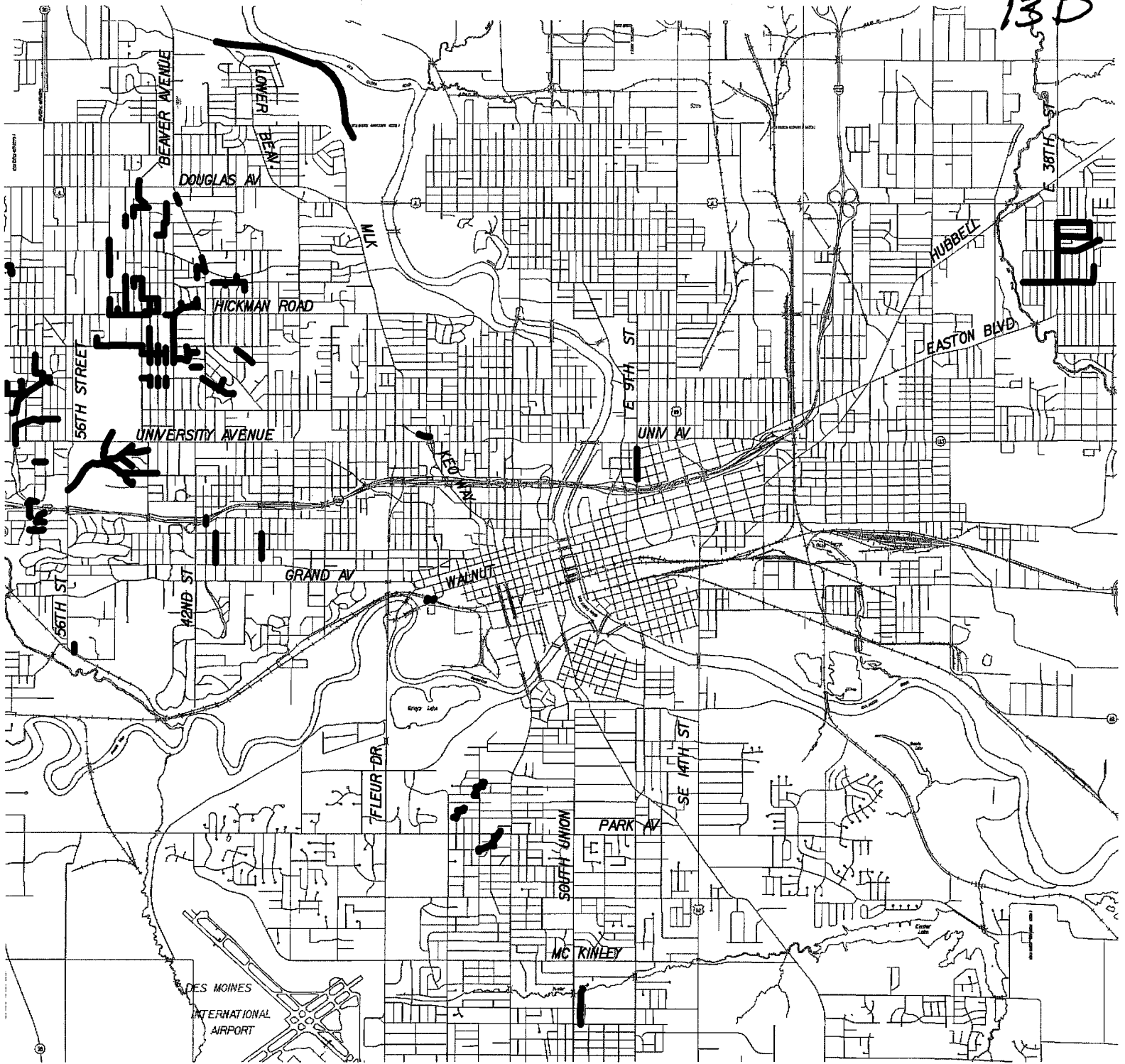
CERTIFICATE

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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2011 CRITICAL SANITARY SEWER LNING

ACT ID 07-2011-009

PROJECT SUMMARY

2011 Critical Sanitary Sewer Lining

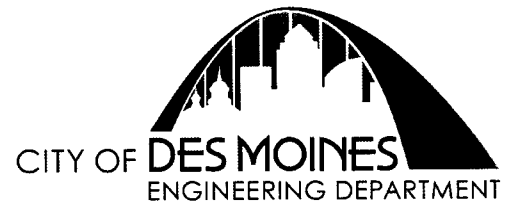
Activity ID 07-2011-009

On July 11, 2011, under Roll Call No. 11-1238, the Council awarded the contract for the above improvements to SAK Construction, LLC, in the amount of \$3,550,605.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	7/29/2013 Remove and replace the misaligned 10" sanitary sewer under Glendale Cemetery pond.	\$91,290.00
2	Contractor	10/8/2013 Repair sewer services at locations on 40th Street, Polk Boulevard, Northwest Drive, and 35th Street. Additional pipe and asphalt quantities for sewer repair on 35th Street.	\$22,948.20
3	Contractor	11/5/2013 Remove rubble & haul-in clean fill at manhole excavation, seed disturbed areas at spot repairs, and create an access path in the golf course to access sanitary sewer.	\$21,042.43
4	Contractor	11/21/2013 Install oversized manhole at blind sewer connection and restore brick street. Locate buried manholes. Remove existing hardened concrete in sewer. Use RR flaggers and police officers for traffic control.	\$12,475.76
5	Contractor	Replace settled manholes, sewer and bike trail. Reroute sewer around house. Additional mobilization to line sewer under pond. Adjust contract item amounts to as-built quantities.	\$18,786.45
Original Contract Amount			\$3,550,605.00
Total Change Orders			\$166,542.84
Percent of Change Orders to Original Contract			4.69%
Total Contract Amount			\$3,717,147.84

January 27, 2014

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the 2011 Critical Sanitary Sewer Lining, SAK Construction, LLC.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$3,717,147.84 As-Built Contract Cost

Funding Source: 2013-2014, Page Sanitary - 11, Lining Sanitary Trunk and Lateral Sewers, SS049, Being: \$3,000,000 in HUD Disaster funds from the Iowa Economic Development Authority for 100% of construction costs (\$3,000,000 maximum) in Federal Jumpstart Infrastructure Assistance funds, with the remaining \$717,147.84 in Sanitary Sewer Bonds, SS049

CERTIFICATION OF COMPLETION:

On July 11, 2011, under Roll Call No. 11-1238, the City Council awarded a contract to SAK Construction, LLC, Boyd Hirtz, Vice President, 864 Hoff Road, O'Fallon, MO 63366 for the construction of the following improvement:

2011 Critical Sanitary Sewer Lining, 07-2011-009

The improvement includes renovation of 83,000 lineal feet of 8" through 21" sanitary sewers with cured-in-place pipe (CIPP), by-pass pumping, manhole rehabilitation, and other related items; all in accordance with the contract documents, including Plan File Nos. 532-118/149 at the following locations in Des Moines, Iowa:

An area bounded by 63rd Street, Ingersoll Avenue, 35th Street, and Douglas Avenue
Welker Avenue at 56th Street

Lower Beaver and Skyline Drive to MLK at Douglas Avenue

An area bounded by E 38th Street, E Sheridan Avenue, E 41st Street, and Ovid Avenue

The SW 12th Street area from Loomis Avenue to Caulder Avenue

Keo Way at 15th Place

E 9th Street from University to Walker Avenue

SW 16th Street, south of Walnut Street

S. Union Street from Porter Avenue to Yeader Creek

BD

I hereby certify that the construction of said 2011 Critical Sanitary Sewer Lining, Activity ID 07-2011-009, 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 January 9, 2012, and was completed on January 10, 2014.

I further certify that \$3,717,147.84 is the total cost of said improvement, of which \$3,452,771.79 has been paid the Contractor and \$152,861.61 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$111,514.44 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 8/8/13 to 12/6/13

PARTIAL PAYMENT NO. 17 (FINAL)

PROJECT: 2011 CRITICAL SEWER LINING PROGRAM
CONTRACTOR: SAK Const.

Activity ID: 07-2011-009
Date: 12/6/13

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE			
1	CIPP LINER, 8" DIA.	LF	2,200.000	2,200.000	2,657.000	\$19.80	\$52,608.60	
2	CIPP LINER, 10" DIA.	LF	52,000.000	52,000.000	50,600.000	\$20.75	\$1,049,950.00	
3	CIPP LINER, 12" DIA.	LF	11,000.000	11,000.000	10,235.000	\$28.35	\$290,162.25	
4	CIPP LINER, 15" DIA.	LF	6,000.000	6,000.000	5,577.000	\$41.85	\$233,397.45	
5	CIPP LINER, 18" DIA.	LF	2,100.000	2,100.000	1,343.000	\$65.75	\$88,302.25	
6	CIPP LINER, 21" DIA.	LF	9,500.000	9,500.000	9,981.000	\$63.50	\$633,793.50	
7	SPOT REPAIR, SEWER	EA	25.000	25.000	13.000	\$9,310.00	\$121,030.00	
8	MANHOLE, 48" DIA.	EA	10.000	10.000	5.000	\$7,650.00	\$38,250.00	
9	MANHOLE REHAB., STRONG SEAL	EA	250.000	250.000	189.200	\$1,098.00	\$207,741.60	
10	SEWER SERVICES, RECONNECT	EA	1,000.000	1,000.000	1,302.000	\$85.00	\$110,670.00	
11	BY-PASS PUMPING	LS	1.000	1.000	1.000	\$46,100.00	\$46,100.00	
12	CLEAN SEWER	LF	82,800.000	82,800.000	85,488.000	\$3.15	\$269,287.20	
13	CLEANINGS, SEWER	TON	100.000	100.000	5.210	\$40.00	\$208.40	
14	CLEANINGS, CONTAMINATED	TON	10.000	10.000	0.000	\$80.00	\$0.00	
15	TELEWISE SEWER	LF	82,800.000	82,800.000	85,488.000	\$1.00	\$85,488.00	
16	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$25,000.00	\$25,000.00	
17	PROJECT SIGN - SMALL - STANDARD	EA	1.000	1.000	1.000	\$500.00	\$500.00	
18	REMOVE ROOTS	LF	20,000.000	20,000.000	0.000	\$0.50	\$0.00	
19	RAISE MH TO GRADE	EA	20.000	20.000	9.000	\$1,250.00	\$11,250.00	
CO 1	REPAIR 10" SEWER UNDER POND	LS	1.000	1.000	1.000	\$91,290.00	\$91,290.00	
CO2.01	REPAIR SEWER SERVICE	EA	7.500	7.500	7.500	\$2,200.00	\$16,500.00	
CO2.02	ADDITIONAL PIPE & ASPHALT	LS	1.000	1.000	1.000	\$6,448.20	\$6,448.20	
CO3.01	REMOVE RUBBLE	LS	1.000	1.000	1.000	\$1,573.97	\$1,573.97	
CO3.02	SEED RESTORED AREAS	LS	1.000	1.000	1.000	\$10,717.96	\$10,717.96	
CO3.03	CREATE ACCESS IN GOLF COURSE	LS	1.000	1.000	1.000	\$8,750.50	\$8,750.50	
CO4.01	OVERSIZE MH & BRICK	LS	1.000	1.000	1.000	\$2,607.00	\$2,607.00	
CO4.02	LOCATE MANHOLES	LS	1.000	1.000	1.000	\$5,626.50	\$5,626.50	
CO4.03	AIR PAVEMENT BREAKER	LS	1.000	1.000	1.000	\$1,294.26	\$1,294.26	
CO4.04	RR FLAGGERS & POLICE OFFICERS	LS	1.000	1.000	1.000	\$2,948.00	\$2,948.00	

130

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LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
CO5.01	REPLACE MANHOLES & SEWER, TRESTLE	LS	1.000	1.000	1.000	\$181,874.00	\$181,874.00	
CO5.02	MAQUOKETA DR. SEWER REPAIR	LS	1.000	1.000	1.000	\$20,579.50	\$20,579.50	
CO5.03	REPLACE ASPHALT BIKE TRAIL	LS	1.000	1.000	1.000	\$21,615.00	\$21,615.00	
CO5.04	ADDITIONAL MOB. & CLEANING, POND	LS	1.000	1.000	1.000	\$13,656.95	\$13,656.95	
CO5.05	CIPP LINER, 24" DIA	LS	1.000	1.000	1.000	\$13,824.25	\$13,824.25	
CO5.06	CIPP LINER, 30" DIA	LS	1.000	1.000	1.000	\$42,925.00	\$42,925.00	
CO5.07	CIPP LINER, SPECIAL, 10" TO 15"	LS	1.000	1.000	1.000	\$11,177.50	\$11,177.50	
CO5	ADJUST CONTRACT ITEM AMOUNTS TO AS-BUILT QUANTITIES							
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$3,717,147.84					
	PARTIAL PAYMENT NO. 1		\$50,392.18					
	PARTIAL PAYMENT NO. 2		\$275,732.51					
	PARTIAL PAYMENT NO. 3		\$318,645.56					
	PARTIAL PAYMENT NO. 4		\$333,314.21					
	PARTIAL PAYMENT NO. 5		\$313,318.83					
	PARTIAL PAYMENT NO. 6		\$771,563.70					
	PARTIAL PAYMENT NO. 7		\$329,610.56					
	PARTIAL PAYMENT NO. 8		\$150,637.16					
	PARTIAL PAYMENT NO. 9		\$66,811.09					
	PARTIAL PAYMENT NO. 10		\$249,610.44					
	PARTIAL PAYMENT NO. 11		\$156,248.43					
	PARTIAL PAYMENT NO. 12		\$146,021.42					
	PARTIAL PAYMENT NO. 13		\$59,709.27					
	PARTIAL PAYMENT NO. 14		\$70,518.13					
	PARTIAL PAYMENT NO. 15		\$23,871.70					
	PARTIAL PAYMENT NO. 16		\$136,766.60					
	THIS PARTIAL PAYMENT		\$152,861.61					
	TOTAL PARTIAL PAYMENTS		\$3,605,633.40					
	BALANCE		\$111,514.44					
	TOTAL						\$3,717,147.84	
	RETAINAGE						\$111,514.44	
	TOTAL LESS RETAINAGE						\$3,605,633.40	
	LESS PREVIOUS PAYMENT						\$3,452,771.79	
	AMOUNT DUE						\$152,861.61	

PREPARED BY:

CHECKED BY:

PARTIAL PAYMENT NO. 17 (FINAL)