

DATE September 9, 2019

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR 2018 SEWER LINING PROGRAM, VISU-SEWER, 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 2018 Sewer Lining Program, 07-2018-001, in accordance with the contract approved between Visu-Sewer, Inc., Keith M. Alexander, President, W230 N4855 Betker Drive, Pewaukee, WI 53072, under Roll Call No. 17-2200, of December 18, 2017, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

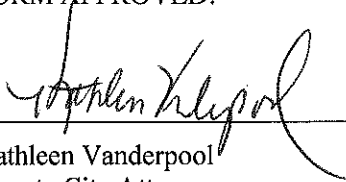
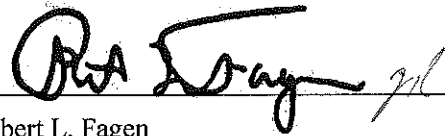
BE IT FURTHER RESOLVED: That \$2,618,197.78 is the total cost, of which \$2,539,651.85 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$78,545.93 is to be paid at the end of thirty days, with funds retained 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:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Sanitary – 9, Sanitary Sewer Lining and Repairs, SS049, Being: \$169,507 of Storm Water Utility Funds, \$2,426,600.10 in Sanitary Sewer Funds, and the remaining \$22,090.68 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED	APPROVED			

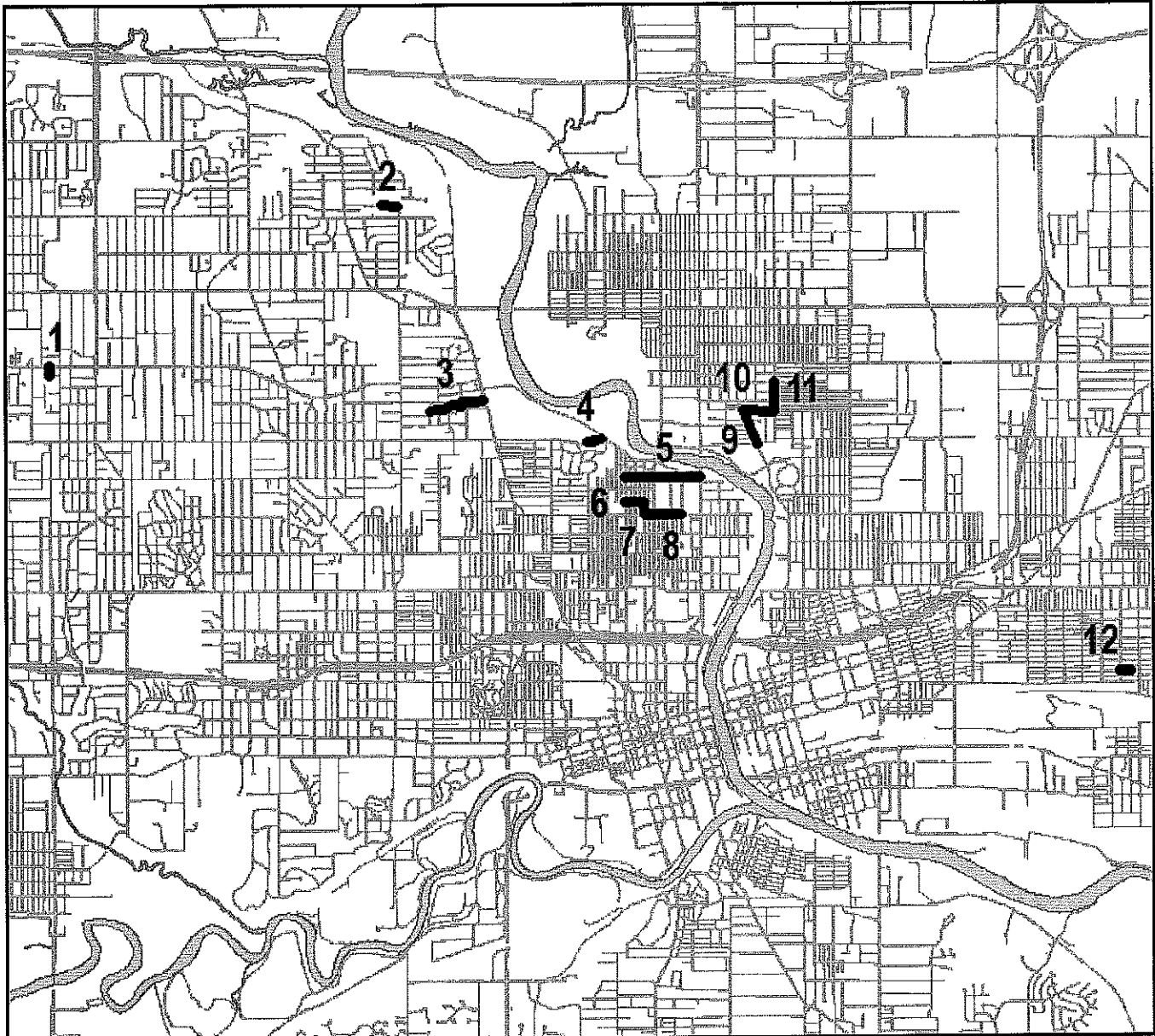
CERTIFICATE

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



- 1. SHERRICK AVE - W. END SHERRICK AVE TO URBANDALE AVE
- 2. VALDEZ DR - E. END TO 400' WEST
- 3. BENNETT AVE - MLK JR. PKWY TO 27TH PL
- 4. HICKMAN RD - PROSPECT RD TO NASH DR
- 5. FRANKLIN AVE - 2ND AVE TO 9TH ST
- 6. WASHINGTON AVE - 7TH ST TO 9TH ST
- 7. 7TH ST - COLLEGE AVE TO WASHINGTON AVE
- 8. COLLEGE AVE - ARLINGTON AVE TO 7TH ST
- 9. SAYLOR RD - GUTHRIE AVE TO ARTHUR AVE
- 10. ARTHUR VE - SAYLOR RD TO E 7TH ST
- 11. N UNION ST - ARTHUR AVE TO GRANDVIEW AVE
- 12. LOGAN AVE - E. 27TH ST TO 320' EAST



Legend

 Project Locations

PROJECT SUMMARY

2018 Sewer Lining Program

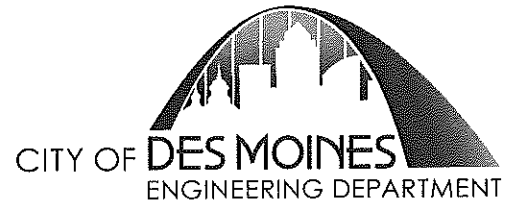
Activity ID 07-2018-001

On December 18, 2017, under Roll Call No. 17-2200, the Council awarded the contract for the above improvements to Visu-Sewer, Inc., in the amount of \$2,131,573.40. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	2/21/2018 Add new Hickman sanitary sewer w/ manholes instead of lining and rehabing an existing line.	\$24,790.30
2		5/22/2018 Add new manhole in Franklin Ave.	\$15,926.76
3	Engineering	7/11/2018 Add water main relocation and televising of a 54" sanitary sewer.	\$10,784.12
4	Engineering	8/9/2018 Add 30" Polypropylene Pipe and two SW-304 Manholes.	\$46,033.90
5	Engineering	9/12/2018 Add a bid item for "Sewer Liner, 48" CIPP".	\$41,250.00
6	Engineering	10/23/2018 Add 15" and 24" CIPP sewer lining.	\$48,444.00
7	Engineering	11/13/2018 Add 12" CIPP sewer liner.	\$44,600.00
8	Engineering	1/9/2019 Add quantity for pavement removal and composite pavement on Washington Ave	\$49,300.00
9	Engineering	5/20/2019 Reduce quantity of Sewer Liner, 21" Equivalent CIPP and increase the quantity of Sewer Liner, 30" Equivalent CIPP.	\$148,886.60
10		6/21/2019 Adjust contract quantities to match as-built quantities.	\$49,278.50
11	Engineering	7/16/2019 Added quantity for Curb & Gutter and Sodding.	\$7,330.20

13B

September 9, 2019



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2018 Sewer Lining Program, Visu-Sewer, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$2,618,197.78 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Sanitary – 9, Sanitary Sewer Lining and Repairs, SS049, Being: \$169,507 of Storm Water Utility Funds, \$2,426,600.10 in Sanitary Sewer Funds, and the remaining \$22,090.68 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

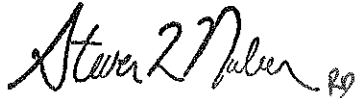
On December 18, 2017, under Roll Call No. 17-2200, the City Council awarded a contract to Visu-Sewer, Inc., Keith M. Alexander, President, W230 N4855 Betker Drive, Pewaukee, WI 53072 for the construction of the following improvement:

2018 Sewer Lining Program, 07-2018-001

The improvement includes the rehabilitation of approximately 14,000 lineal feet of 10-inch through 48-inch diameter sanitary sewers with cured-in-place pipe (CIPP) lining. Also included is by-pass pumping, sewer cleaning and televising, sewer spot repairs, manhole rehabilitation, and other related items; all in accordance with the contract documents, including Plan File Numbers 587-238/255 at the following locations: 6301 Sherrick Avenue, Valdez Drive, Bennett Avenue, Hickman Road, Franklin Avenue, Washington Avenue, 7th Street, College Avenue, North Union Street, Arthur Avenue, Saylor Road, and Logan Avenue, all in Des Moines, Iowa

I hereby certify that the construction of said 2018 Sewer Lining Program, Activity ID 07-2018-001, 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 March 21, 2018, and was completed on August 22, 2019.

I further certify that \$2,618,197.78 is the total cost of said improvement, of which \$2,539,651.85 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 \$78,545.93 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 that reads "Steven L. Naber" with a small "PE" to the right.

Steven L. Naber, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 07/17/19 to 07/23/19
FINAL PAYMENT (Partial Payment NO. 14)

PROJECT: 2018 Sewer Lining Program
CONTRACTOR: Visu-Sewer, Inc.

Activity ID: 07-2018-001
Date: 07/24/19

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Sewer Liner, 8" CIPP	LF	635.000	637.000	637.000	\$27.30	\$17,390.10
2	Sewer Liner, 10" CIPP	LF	2,752.000	2,152.000	2,152.000	\$29.25	\$62,946.00
3	Sewer Liner, 21" Equivalent CIPP	LF	2,609.000	0.000	0.000	\$65.60	\$0.00
4	Sewer Liner, 30" CIPP	LF	2,123.000	2,104.000	2,104.000	\$117.00	\$246,168.00
5	Sewer Liner, 30" Equivalent CIPP	LF	1,099.000	3,137.000	3,137.000	\$119.00	\$373,303.00
6	Sewer Liner, 36" CIPP	LF	1,286.000	1,301.000	1,301.000	\$146.75	\$190,921.75
7	Sewer Liner, 42" Equivalent CIPP	LF	1,281.000	1,293.000	1,293.000	\$200.00	\$258,600.00
8	Sewer Service Reconnection	EACH	250.000	291.000	291.000	\$75.00	\$21,825.00
9	Sewer Service Connection CIPP Liner	EACH	25.000	10.000	10.000	\$2,100.00	\$21,000.00
10	Sewer Cleaning and Televising, 8"-30"	LF	9,218.000	10,463.000	10,463.000	\$3.00	\$31,389.00
11	Sewer Cleaning and Televising, 36"-48"	LF	2,567.000	2,594.000	2,594.000	\$5.00	\$12,970.00
12	Bypass Pumping	LS	1.000	1.000	1.000	\$5,000.00	\$5,000.00
13	Manhole, 48" Diameter Structure	EACH	2.000	3.000	3.000	\$24,250.00	\$72,750.00
14	Manhole, Type SW-302	EACH	2.000	0.000	0.000	\$22,900.00	\$0.00
15	Minor Manhole Adjustment	EACH	2.000	1.000	1.000	\$1,275.00	\$1,275.00
16	Major Manhole Adjustment	EACH	2.000	9.000	9.000	\$6,500.00	\$58,500.00
17	Manhole Lining With Centrifugally Cast Mortar Liner	EACH	30.000	25.000	25.000	\$1,200.00	\$30,000.00
18	Hickman Rd Sewer Spot Repair	LS	1.000	0.000	0.000	\$16,500.00	\$0.00
19	Spot Repair, 14' Deep or Less, 21" Diam. Or Less	EACH	6.000	6.000	6.000	\$17,000.00	\$102,000.00
20	Spot Repair, 14' Deep or Less, Greater than 21" Diam.	EACH	5.000	4.000	4.000	\$17,000.00	\$68,000.00
21	Spot Repair, Greater than 14' Deep, 21" Diam. Or Less	EACH	5.000	5.000	5.000	\$24,000.00	\$120,000.00

133

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
22	Spot Repair, Greater than 14' Deep, Greater than 21" Diam.	EACH	5.000	0.000	0.000	\$25,000.00	\$0.00	
23	Sewer Service Connection Repair made During Spot Repair	EACH	5.000	16.000	16.000	\$1,250.00	\$20,000.00	
24	Traffic Control for Spot Repair, Residential Street	EACH	10.000	5.000	5.000	\$700.00	\$3,500.00	
25	Traffic Control for Spot Repair, Non-Residential Street	EACH	10.000	2.000	2.000	\$900.00	\$1,800.00	
26	Composite Pavement	SY	400.000	1,183.170	1,183.170	\$152.00	\$179,841.84	
27	PCC Pavement, 6"	SY	200.000	40.670	40.670	\$115.00	\$4,677.05	
28	PCC Pavement, 8"	SY	200.000	171.180	171.180	\$125.00	\$21,397.50	
29	Temporary Cap for Composite Pavement Patch	SY	100.000	85.810	85.810	\$34.00	\$2,917.54	
30	PCC Curb & Gutter	LF	20.000	96.000	96.000	\$60.00	\$5,760.00	
31	PCC Sidewalk	SY	20.000	410.420	410.420	\$100.00	\$41,042.00	
32	Pavement Removal	SY	750.000	2,191.540	2,191.540	\$18.00	\$39,447.72	
33	Traffic Control	LS	1.000	1.000	1.000	\$25,000.00	\$25,000.00	
34	Flagger, Uniformed Police Officer	DAY	15.000	0.000	0.000	\$550.00	\$0.00	
35	Sodding	SQ	15.000	106.300	106.300	\$54.00	\$5,740.20	
36	Filter Sock	LF	100.000	44.000	44.000	\$4.00	\$176.00	
37	Remove Filter Sock	LF	100.000	0.000	0.000	\$1.00	\$0.00	
38	Tree Protection Fence	LF	600.000	0.000	0.000	\$4.00	\$0.00	
39	Mobilization	LS	1.000	1.000	1.000	\$91,800.00	\$91,800.00	
40	Mobilization for Emergency Spot Repair	EACH	10.000	2.000	2.000	\$2,750.00	\$5,500.00	
41	Dewatering	EACH	4.000	0.000	0.000	\$5,000.00	\$0.00	
1.01	New Hickman Sanitary Sewer	LS		1.000	1.000	\$108,210.30	\$108,210.30	
2.01	Relocate 6" Water Main	LS		1.000	1.000	\$7,131.74	\$7,131.74	
2.02	Upcharge for 60" Diameter Structure	LS		1.000	1.000	\$1,828.20	\$1,828.20	
2.03	Supplemental Traffic Control for Franklin Ave	LS		1.000	1.000	\$1,210.00	\$1,210.00	
2.04	Extend 6" Water Main due to Cracked Pipe	LS		1.000	1.000	\$5,756.82	\$5,756.82	
3.01	Water Main Relocation at 8th St & Washington	LS		1.000	1.000	\$8,194.12	\$8,194.12	
3.02	Sewer Televising, 54"	HOURL		10.000	10.000	\$370.00	\$3,700.00	
4.01	30" Polypropylene Pipe	LF		356.000	356.000	\$192.50	\$68,530.00	
4.02	SW-304 Intake	EACH		2.000	2.000	\$24,831.95	\$49,663.90	
5.01	Sewer Liner, 48" CIPP	LF		321.000	321.000	\$375.00	\$120,375.00	

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
6.01	Sewer Liner, 15" CIPP	LF		68.000	68.000	\$200.00	\$13,600.00
6.02	Sewer Liner, 24" CIPP	LF		357.000	357.000	\$96.00	\$34,272.00
7.01	Sewer Liner, 12" CIPP	LF		1,659.000	1,659.000	\$32.00	\$53,088.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS				\$2,618,197.78			
PARTIAL PAYMENT #1				\$169,171.54			
PARTIAL PAYMENT #2				\$638,192.24			
PARTIAL PAYMENT #3				\$245,420.83			
PARTIAL PAYMENT #4				\$464,681.05			
PARTIAL PAYMENT #5				\$372,235.10			
PARTIAL PAYMENT #6				\$98,716.07			
PARTIAL PAYMENT #7				\$41,539.98			
PARTIAL PAYMENT #8				\$94,434.61			
PARTIAL PAYMENT #9				\$16,153.36			
PARTIAL PAYMENT #10				\$30,381.65			
PARTIAL PAYMENT #11				\$167,432.18			
PARTIAL PAYMENT #12				\$139,845.87			
PARTIAL PAYMENT #13				\$61,447.37			
THIS PARTIAL PAYMENT				\$0.00			
TOTAL PARTIAL PAYMENTS				\$2,539,651.85			
BALANCE				\$78,545.93			

TOTAL	\$2,618,197.78
RETAINAGE	\$78,545.93
TOTAL LESS RETAINAGE	\$2,539,651.85
LESS PREVIOUS PAYMENT	\$2,539,651.85
AMOUNT DUE	\$0.00

PREPARED BY:

Matthew D. Boock

CHECKED BY:

M. J. [Signature]

FINAL PAYMENT (Partial Payment NO. 14)